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ADAPTATION OF THE NATURAL RESOURCES CONSERVATION SERVICE CURVE NUMBER METHOD IN SOUTH DAKOTA

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ABSTRACT

The CN method, used to estimate direct runoff from storm rainfall for conservation practices, was adapted to better reflect conditions in SD. Field observations of engineering practices by the NRCS personnel throughout the state indicated that peak flows computed using the CN method appeared to over predict peak flows. The NRCS, in other states, including TX, NE, Kansas (KS), and Oklahoma (OK), already have adapted the CN method based on the AMC tending to move towards AMC I (dry) as the location of the site of interest moves from east to west. The NRCS, in Minnesota (MN) and North Dakota (ND), also have adapted the CN method for selected conservation practices and drainage area sizes by using a Type I rainfall distribution and AMC I.

A comparison of measured peak flows at United States Geological Survey (USGS) gaging stations to CN predicted peak flows was done for individual annual peak storm events, and CN-AMC regression equations developed. Additionally, a comparison of USGS predicted peak flows at USGS gaging stations for selected frequencies using a log-Pearson Type III procedure to CN predicted peak flows of corresponding frequencies using AMC I, II, and III and Type I and II rainfall distributions was done. The peak flows estimated using the CN-AMC regression equations also were compared to USGS predicted peak flows.

Peak flow data from about 120 USGS gaging stations (predominantly crest-stage gages) with drainage areas less than 10 square miles (mi.^{2}) were used in the investigation. The stations were subdivided into drainage areas of equal or less than 2,000 acres (3.12 mi.^{2}) and 3.12 to 10 mi.^{2} to reflect the requirements of the NRCS rainfall runoff models.

The NRCS's Engineering Field Handbook, Chapter 2 (EFH2), and WINTR55 methods were used to estimate peak flows for the comparisons to the USGS predicted peak flows done. The EFH2 method was used for drainage areas equal or less than 2,000 acres (3.12 mi.^{2}), and the WINTR55 method was used for drainage areas 3.12 to 10 mi^2.

The "best fit" CN-AMC regression equation for drainage areas less than 2,000 acres was $\mathbf{CN = CN_{AMC\ I} + 0.57 * (CN_{AMC\ II} - CN_{AMC\ I})}$ with an r^2 value of 0.73. The "best fit" regression equation for drainage areas 3.12 to 10 mi^2 was $\mathbf{CN = CN_{AMC\ I} + 0.27 * (CN_{AMC\ II} - CN_{AMC\ I})}$ with an r^2 value of 0.40. In general, the CN-AMC regression results indicated a lot of variability.

USGS predicted peak flows at USGS gaging stations for selected frequencies using a log-Pearson Type III procedure were compared to CN predicted peak flows of corresponding frequencies using AMC I, II, and III with a Type II rainfall distribution and AMC II with a Type I rainfall distribution. An analysis for the 2-, 5-, and 10-year frequencies and drainage areas equal or less than 2,000 acres shows that the flows vary as follows: CN-AMC II and Type II rainfall distribution flow > (greater than) CN-AMC II and a Type I rainfall distribution flow > USGS predicted flow using the log-Pearson Type III procedure. The flows estimated using the USGS regression equations don't compare to the USGS predicted flows as well as the flows estimated by using CN-AMC II and a Type I rainfall distribution for the 2-, 5, and 10-year frequencies.

An analysis for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies and drainage areas 3.12 to 10 mi.^{2} indicates that the flows vary as follows: CN-AMC II and a Type II rainfall distribution flow > CN-AMC II and a Type I rainfall distribution flow > USGS predicted flow using the log-Pearson Type III procedure.

The peak flows estimated using the CN-AMC regression equations also were compared to the USGS predicted peak flows. An analysis show that for drainage areas less than 10 mi.^{2}, the flows estimated using the CN-AMC regression equation were similar to the flows estimated by using CN-AMC II and a Type I rainfall distribution.

An analysis for the 2-, 5-, and 10-year frequencies and drainage areas equal or less than 2,000 acres shows that the flows generally vary as follows: CN-AMC II and a Type II rainfall distribution flow > CN-AMC II and a Type I rainfall distribution flow > CN-AMC regression flow > USGS predicted flows using the log-Pearson Type III procedure. This relationship is not true for the 25-, 50-, and 100-year frequencies. An analysis for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies and drainage areas 3.12 to 10 mi.^{2} indicates that the flows generally vary as follows: CN-AMC II and a Type II rainfall distribution flow > CN-AMC II and a Type I rainfall distribution flow > CN-AMC regression flow > USGS predicted flows using the log-Pearson Type III procedure.

INTRODUCTION

The NRCS, in SD, uses the CN method to estimate direct runoff (volume and peak discharge) from storm rainfall events for conservation practices. The CN method is based on methods developed from data collected nationwide in the 1950's and 1960's (United States Department of Agriculture (USDA), 1963 and 1965). Factors that affect the rainfall runoff and which have been incorporated into the CN method include AMC, rainfall volume and intensity, hydrologic soil group, land cover and treatment, hydrograph shape, and topography.

The CN method needed to be adapted to better reflect conditions in SD. Field observations of engineering practices by NRCS personnel, in SD, indicate that peak flows computed using the CN method for various frequencies appear to over predict peak flows. Significant peak flow and rainfall data for SD now exist that can be used to compare CN predicted and measured flows and adapt the CN method for SD.

The NRCS, in some states, already have adapted the CN method for their individual states. The NRCS, in TX, has adapted the CN method for selected conservation practices by adjusting the AMC as shown in Figure 1. Instead of using the CN for average or AMC II conditions ($CN_{AMC\ II}$) for the entire State of TX, the CN is varied from CN for dry or AMC I conditions ($CN_{AMC\ I}$) in the west to a CN in between $CN_{AMC\ I}$ and $CN_{AMC\ II}$ using an equation in the form of "$CN = CN_{AMC\ I} + z\ (CN_{AMC\ II} - CN_{AMC\ I})$" as you move east. At the extreme eastern part of TX, the CN is varied from $CN_{AMC\ II}$ to a CN in between $CN_{AMC\ II}$ and CN for wet or AMC III conditions ($CN_{AMC\ III}$) using an equation in the form of "$CN = CN_{AMC\ II} + z\ (CN_{AMC\ III} - CN_{AMC\ II})$." "Z" is a coefficient that varies from east to west TX (SCS, Oct. 1990). The NRCS, in NE, KS, and OK, have adapted the CN method similarly to TX as shown in Figure 2 (SCS memo, May 1990).

Instead of adjusting the CN using the AMC, the NRCS, in MN and ND, have adapted the CN method for selected conservation practices and drainage area sizes by using a Type I rainfall distribution (Cooper and Reep, written commun., 2006). Four rainfall distributions (I, Ia, II, and III) have been developed for the US as shown in Figure 3. The Type II rainfall distribution recommended and presently used, in SD, has the most intense storms and results in the largest calculated peak flows (see Figure 4).

In response to the above concerns, the NRCS, in SD, studied two of the factors affecting runoff that have been incorporated into the CN method, the AMC and rainfall distribution. Part 1 of the study involved comparing measured peak flows at USGS gaging stations to CN

predicted peak flows for individual annual peak storm events. CN-AMC regression equations in the form similar to TX and NE were developed from this comparison. Part 2 of the study involved comparing peak flows computed at USGS gaging stations for selected frequencies using a log-Pearson Type III procedure to CN predicted peak flows of corresponding frequencies using AMC I, II, and III and Type I and II rainfall distributions. For selected frequencies, the flows estimated using the CN-AMC regression equations from the Part 1 of the study also were compared to the USGS predicted flows using the log-Pearson Type III procedure at the USGS gaging stations.

DATA

Peak flow data from about 120 USGS gaging stations (see Figure 5) was used in the investigation. Most of these 120 stations are crest stage stations where only the annual peaks are estimated (no daily flow data are collected). Because the NRCS typically is only involved with small watersheds, the gaging stations analyzed for this study all have drainage areas of less than 10 mi.^{2}. The 120 stations were categorized into drainage areas of equal or less than 2,000 acres and drainage areas between 3.12 and 10 mi.^{2} to reflect the applicability of the NRCS rainfall-runoff models used.

The peak flow frequency estimates (2-, 5-, 10-, 25-, 50-, and 100-year) for the USGS gaging stations were estimated using the log-Pearson Type III procedure (U.S. Water Resources Council, 1982). Almost all of the frequency estimates were taken directly from the published USGS Open-File Report 96-202 (Burr, 1996). The period of record of the USGS gaging stations varied from 5 to 33 years. About 25 percent of the stations had periods of record greater than 20 years, and about 40 percent had periods of records greater than 15. Almost all of the rest of the gaging stations had periods of record near of greater than 10 years of records as shown in Figure 6.

Daily rainfall and snow depth data from the National Weather Service (NWS) precipitation stations, in SD, were used in the study as shown in Figure 7. The rainfall data is one area that introduces some inaccuracies in the flow analyses because of the spatial distribution of the stations. Two NWS stations typically were used for each storm event analyzed to minimize this source of error. Additionally, the analyzed storm events were filtered using both temperature and snow depth data to avoid rainfall/snowmelt events. As a side study to this investigation, the storm event makeups that cause the annual peak flows were analyzed. Storm events were put into two categories: annual peak flows from rainfall runoff events and annual peak flows from snowmelt or a combination of snowmelt and rainfall runoff events. Analysis of the storm event makeups showed that the annual peak flows were caused by rainfall runoff events about 75 percent of the time as shown on Figure 8. Please note that SD was broken into five regions as shown in Figure 8. These regions are defined in a later section of this report.

Digital statewide land use data from the USGS were used to estimate land cover and treatment for estimating curve numbers. Digital county soil data from the NRCS was used to calculate hydrologic soil groups. The land use and soil digital data were combined and used to estimate the curve number. Other digital data used in the NRCS CN method included the USGS 30 meter Digital Elevation Model (DEM) data, which were used to estimate some of the topography variables.

METHODS

The NRCS's EFH2 method and the windows version of the TR55 (WINTR55) method were used to estimate peak flows for the comparisons with the USGS measured and predicted flows done in this study. The EFH2 method was used for estimating peak flows for drainage

areas equal or less than 2,000 acres (3.12 mi.^{2}), and the WINTR55 method was used for estimating peak flows for drainage areas 3.12 to 10 mi.^{2}. The input data for the EFH2 and WINTR55 methods are discussed below.

EFH2

Required input data for the EFH2 method (drainage areas equal or less than 2,000 acres) include rainfall volumes and distribution, drainage area, average watershed slope, longest flow path, CN (AMC I, II, or III). Data from the NWS stations were used to estimate rainfall volume data and peak flows were estimated using both Type I and II rainfall distributions. As previously discussed, the CN (encompassing the effects of soil infiltration and land use and treatment) was estimated using digital land use and soil data. The CN's for AMC I, II, and III, which vary as shown on Figure 9 and reflect dry, average, and wet conditions, were used.

Drainage area, average watershed slope, and the longest flow path were computed using Arc Hydro. Arc Hydro is a geospatial and temporal data model for water resources that operate within ARCGIS (Maidment, 2002). Arc Hydro using the USGS's 30 meter DEM and the National Hydrography Dataset (NHD) data, were used to automate watershed delineation. South Dakota was divided up into 12 areas for Arc Hydro use: Bad River, Belle Fourche River, Big Sioux River, Upper Cheyenne River, Lower Cheyenne River, Grand/Moreau Rivers, Upper James River, Lower James/Vermillion Rivers, Lewis and Clark Lake, Upper Missouri River, Lower Missouri River, Upper Red/Minnesota Rivers, and White River. All of the Arc Hydro preprocessing, which can be very time consuming, was done on these large areas enabling rapid watershed delineation, watershed slope, and longest flow path computations. Ten meter DEM data was not used in the Arc Hydro processing because the data is not available for all of SD and is very computation intensive for large areas. The drainage areas computed using Arc Hydro were compared to the USGS reported drainage area (USGS, 2006 National Water Information System (NWIS) Website) to ensure accuracy of this method and to account for noncontributing areas. The average watershed slope was estimated by clipping the Arc Hydro generated slope grid with the digital drainage area. The digital drainage area also was used to clip the digital land use/soil hydrologic group to obtain a composite CN.

WINTR55

Required input data for the WINTR55 method (drainage areas 3.12 to 10 mi.^{2}) include rainfall volumes and distribution, drainage area, channel slopes, flow lengths, representative channel hydraulic properties, and CN (AMC I, II, or III). Similar to the EFH2 method, rainfall volume and digital land use and soil data were used to estimate the CN. Similar to the EFH2 method, drainage area was computed using Arc Hydro with 30 meter DEM and NHD data. At most sites, only one subarea was used to represent the entire watershed.

Flow lengths and channel slopes were estimated using the digital drainage area and the USGS 1:24,000 Digital Raster Graphs (DRG's). The representative channel hydraulic properties for use in WINTR55 were computed by estimating typical cross sections in the watershed. The cross sections were constructed in ARCGIS using the 30 meter DEM's for the flood plain and local knowledge of the channel. The cross sections were input into the US Army Corps of Engineers HecRas needed, which, along with an estimation of Manning's "n," were used to compute the cross sectional area and the wetted perimeter. The representative channel hydraulic properties are used in WINTR55 to compute time of concentration.

CURVE NUMBER-ANTECEDENT MOISTURE CONDITION REGRESSION

In Part 1 of the study, measured individual annual peak flows at USGS gaging stations were compared to CN predicted peak flows using NWS rainfall data, CN's were estimated using

all three possible AMC's (I, II, and III), and a Type II rainfall distribution. A CN-AMC regression analysis was done of the CN necessary to predict the USGS measured flow (CNmeas) using rainfall data and combinations of $CN_{AMC\ I}$, $CN_{AMC\ II}$, and $CN_{AMC\ III}$.

Data from the USGS gaging stations, in SD, were divided into five regions as shown on Figure 10. The regions (extreme east, east central, west central, extreme west, and the Black Hills) were drawn from east to west based on the assumption that the AMC would be drier (closer to AMC I) the farther west your site of interest is located. The NRCS, in NE and TX, subdivided their states in a similar way based on climate. The Black Hills was put into a separate region based on its different climate and topography as compared to the drier/flatter western SD. Data from the USGS gaging stations also were categorized by drainage area (equal or less than 2,000 acres and 3.12-10 mi.^{2}) to reflect the different rainfall models (EFH2 and WINTR55) used.

A CN-AMC regression analysis was done of computed CN's corresponding to measured data with CN's corresponding to AMC I, II, and III. The "best fit" regression equations were in the form of $\mathbf{CN = CN_{AMC\ I} + z * (CN_{AMC\ II} - CN_{AMC\ I})}$. Analysis of the regression results using all available peak flow and precipitation data indicated little difference between the "z" coefficient by regions (extreme east, east central, west central, extreme west, and the Black Hills) for drainage areas equal or less than 2,000 acres as shown on Table 1 and drainage areas 3.12 to 10 mi.^{2} as shown on Table 2; therefore, categorizing the data by region was not considered significant and was not considered in the final regression equations.

The rainfall data was used to filter the annual peaks used in the analysis. Only annual peak storm events were used that had rainfall events of equal or greater than the one-year rainfall volume as specified by county in the CN method. Also, the data was resampled to capture the "best fitting" 75 percent of the data (residuals minimized) to try to get a better fit (higher r^2 value) of measured and predicted values. Although this resampling was used in the final regression analysis, the procedure changed the results (regression equations) very little as compared to using all of the data in the regression analysis.

The final regression results for drainage areas equal or less than 2,000 acres are shown in Table 3. The "best fit" regression equation was $CN = CN_{AMC\ I} + 0.57 * (CN_{AMC\ II} - CN_{AMC\ I})$ with an r^2 value of 0.73. A plot of the measured and predicted CNs and a boxplot of the regression residuals showed that 50 percent of the data is within 5 (Figures 11 and 12); however, in general, the CN-AMC regression results indicated a lot of variability. Later in this report, comparisons with the USGS predicted flows using the log-Pearson Type III procedure are done to get a better look at how well the CN-AMC regression predicted measured flows.

The regression results for drainage areas 3.12 to 10 mi.^{2} are shown in Table 4. The "best fit" regression equation was $\mathbf{CN = CN_{AMC\ I} + 0.27 * (CN_{AMC\ II} - CN_{AMC\ I})}$ with an r^2 value of 0.40. A plot of the measured and predicted CN and a boxplot of the residuals showed that 50 percent of the data is within 5 (Figures 13 and 14); however, the r^2 value is not nearly as good as the r^2 value results for drainage areas equal or less than 2,000 acres.

As a side study to this investigation, the NWS rainfall records were analyzed for the periods of two and seven days prior to the main storm events corresponding to the USGS measured annual peak flows. Based on professional judgment and Chapter 19 of the NRCS's EFH, AMC I or "dry2," AMC II or "ave2," and AMC III or "wet2" were defined as total rainfall of equal or less than 0.5 inches, 0.50 and 1.0 inches, and greater than 1.0 inches, respectively for the two days prior to the annual peak flow. For sensitivity, the periods seven days prior to the

annual peak flows also were analyzed. The rainfall volumes defining the previous 7 days were increases by 0.25 inches to define "dry7," "ave7," and "wet7." The data from over 850 storm events causing annual peak flows were analyzed using AMC ranges as shown in Table 5. Using the "dry2," "ave2," and "wet2" definitions, 92 percent of the time the site area experienced dry conditions two days prior to the annual peak flow, and 65 percent of the time the site area experienced dry conditions 7 days prior to the annual peak flow. Based on this data, the use of AMC I for the CN, not AMC II, would be expected to predict the peak flow more accurately. The NRCS, in NE, did a similar study in their state with similar results (Plummer, 2005 written commun.). However, as shown in Table 6, much different results are obtained when the CN's estimated using the USGS measured flows (CN_{meas}) are compared to CN's for the three AMC conditions ($CN_{\text{AMC I, II, and III}}$) using these same categories. For "dry1," only 50 percent of the time is the CN_{meas} between $CN_{\text{AMC I}}$ and $CN_{\text{AMC II}}$; 33 percent of the time CNmeas is between $CN_{\text{AMC II}}$ and $CN_{\text{AMC III}}$.

COMPARISON OF NRCS CN METHOD AND USGS PREDICTED PEAKS

In Part 2 of the study, USGS predicted peak flows at USGS gaging stations for selected frequencies using a log-Pearson Type III procedure were compared to NRCS CN method predicted peak flows of corresponding frequencies using AMC I, II, and III with a Type II rainfall distribution and AMC II with a Type I rainfall distribution. Additionally, peak flows estimated using USGS regression equations (Sando, 1998) were used in the comparison, since these equations are sometimes used by the NRCS in SD. The USGS equations developed, for SD, have only a few variables; contributing drainage area and a precipitation intensity index are used in the equations for the area east of the Missouri River, and only contributing drainage area is used in the equations for the area west of the Missouri River (except for one area in and near the Black Hills).

The log-Pearson Type III procedure is recommended by the Hydrology Subcommittee of the Interagency Advisory Committee on Water Data (US Water Resources Council, 1982). The basic assumption for this part of the study is that using this procedure on an adequate station record (see Figure 6) gives the best estimate of the peak flows for various frequencies. As stated earlier, almost all of the frequency estimates were taken directly from the published USGS Open-File Report 96-202: "Peak-Flow Frequency Estimates Through 1994 for Gaged Streams in South Dakota" (Burr, 1996). For cases where there was significant peak flow data collected since 1994, the procedure was used directly by the NRCS to reevaluate the peak flows for various frequencies. The frequencies that were used in the analysis included the 2-, 5-, 10-, 25-, 50-, and 100-year peak flows.

DRAINAGE AREAS EQUAL OR LESS THAN 2,000 ACRES

Generally, an analysis of the results show that the peak flow magnitude varies as follows: $Q_{\text{CN-AMC III, Type II}} > Q_{\text{CN-AMC II, Type II}} > Q_{\text{CN-AMC II, Type I}} > Q_{\text{USGSregression}} > Q_{\text{CN-AMC I, Type II}}$ for drainage areas equal or less than 2,000 acres and drainage areas 3.12 to 10 mi.^{2}. The Q_{USGS} flow generally is less than the $Q_{\text{USGSregression}}$ flow but varies with the frequency. An example of this relationship for 25-year frequency peak flow is shown in Figure 15. The above "Q" variables are defined as follows:

- $\mathbf{Q_{\text{CN-AMC III, Type II}}}$: the peak flow estimated using the NRCS CN method with a CN estimated using AMC III (wet) with a Type II rainfall distribution
- $\mathbf{Q_{\text{CN-AMC II, Type II}}}$: the peak flow estimated using the NRCS Curve Number method with a CN estimated using AMC II (average) with a Type II rainfall distribution
- $\mathbf{Q_{\text{CN-AMC II, Type I}}}$: the peak flow estimated using the NRCS Curve Number method with a CN estimated using AMC II (average) with a Type I rainfall distribution
- $\mathbf{Q_{\text{USGSregression}}}$: the peak flow estimated the USGS regression equations

$Q_{CN\text{-}AMC\ I,\ Type\ II}$: the peak flow estimated using the NRCS Curve Number method with a CN estimated using AMC I (dry) with a Type II rainfall distribution
Q_{USGS}: the peak flow estimated using the USGS log-Pearson Type III analysis

The comparison to the USGS predicted flow (Q_{USGS}) was refocused on the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ and $Q_{CN\text{-}AMC\ I,\ Type\ II}$ flows since these flows were the closest to equaling or exceeding in magnitude Q_{USGS}. Plots comparing these three flows for drainage areas equal or less than 2,000 acres are shown in Figures 16-21 for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies. Analyses of these figures indicates that $Q_{CN\ II,\ Type\ II} > Q_{CN\ II,\ Type\ I} > Q_{USGS}$ for the 2-, 5-, and 10-year frequencies for most of the data. In contrast, the relationship $Q_{CN\ II,\ Type\ II} > Q_{CN\ II,\ Type\ I} > Q_{USGS}$ is **not true** for the 25-, 50-, and 100-year frequencies. Sometimes Q_{USGS} is less than $Q_{CN\ II,\ Type\ II}$ and $Q_{CN\ II,\ Type\ I}$ flows and sometimes it is greater. Table 7 was prepared to further illustrate these comparisons. In this table, the $Q_{CN\text{-}AMC\ II,\ Type\ II}$, $Q_{CN\text{-}AMC\ I,\ Type\ II}$, $Q_{CN\text{-}AMC\ II,\ Type\ I}$, and the $Q_{USGSregression}$ flows were compared to the Q_{USGS} flow. Generally, the $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flow exceeds the Q_{USGS} flow similarly to the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ flow exceeding the Q_{USGS} flow for the 2-, 5-, and 10-year frequencies and especially for cases where the flows are within 72 percent of the Q_{USGS} flow. In contrast, the $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flow does not exceed the Q_{USGS} flow similarly to the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ flow exceeding the Q_{USGS} flow for the 25-, 50-, and 100-year frequencies, even for cases where the flows are within 72 percent of the Q_{USGS} flow.

Table 7 also shows how the $Q_{USGSregression}$ flow compares to the Q_{USGS} flow for drainage areas equal or less than 2,000 acres. The $Q_{USGSregression}$ flow didn't compare as well as the $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flow to the Q_{USGS} flow for the 2-, 5-, and 10-year frequencies. However, for the 25-, 50-, and 100-year frequencies, it compared much closer to the Q_{USGS} flow than the $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flow.

DRAINAGE AREAS 3.12 TO 10 SQUARE MILES

Plots comparing the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ and $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flows to the Q_{USGS} flow for drainage areas 3.12 to 10 mi.^{2} are shown in Figures 22-27 for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies. Analyses of these figures indicates that $Q_{CN\text{-}AMC\ II,\ Type\ II} > Q_{CN\text{-}AMC\ II,\ Type\ I} > Q_{USGS}$ for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies for most of the data. An analysis of Table 8 shows that the $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flow exceeds the Q_{USGS} flow almost identically to the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ flow exceeding the Q_{USGS} flow for the 2-, 5-, 10-, 25, 50-, and 100-year frequencies. The only difference is that the $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flow is less conservative than the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ flow when compared to the Q_{USGS} flow. The $Q_{USGSregression}$ flow didn't compare as well as the $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flow to the Q_{USGS} flow for all frequencies.

COMPARISON OF NRCS CURVE NUMBER AMC REGRESSION AND USGS PREDICTED PEAKS

The peak flows estimated using the CN-AMC regression equations described in the first part of the study were compared to the USGS predicted peak flows for selected frequencies using the log-Pearson Type III procedure at the USGS gaging stations. An analysis of the results show that for drainage areas less than 10 mi.^{2}, the flows estimated using the CN-AMC regression equation (CN regression adjusted flow: $Q_{CN\text{-}AMC\ Adj}$) were similar to the $Q_{CN\ II,\ Type\ I}$ flows; the major difference was the flows usually use a little less in magnitude.

Plots comparing the $Q_{CN\ Adj}$ flow for drainage areas equal less than 2,000 acres are shown in Figures 28-33 for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies. Analyses of these figures indicates that $Q_{CN\ II,\ Type\ II} > Q_{CN\ II,\ Type\ I} > Q_{CN\text{-}AMC\ Adj,\ Type\ II} > Q_{USGS}$ for the 2-, 5-, and 10-year frequencies for most of the data. In contrast, the relationship $Q_{CN\text{-}AMC\ II,\ Type\ II} > Q_{CN\text{-}AMC\ II,\ Type\ I} > Q_{CN\text{-}AMC\ Adj,\ Type\ II} > Q_{USGS}$ is **not true** for the 25-, 50-, and 100-year frequencies. Sometimes

Q_{USGS} is less than $Q_{CN\text{-}AMC\ II,\ Type\ II}$, $Q_{CN\text{-}AMC\ II,\ Type\ I}$, and $Q_{CN\text{-}AMC\ Adj,\ Type\ II}$ flows and sometimes it is greater. In Table 9, the $Q_{CN\text{-}AMC\text{-}Adj,\ Type\ II}$ flow was compared to the Q_{USGS} flow. Generally, the $Q_{CN\text{-}AMC\ Adj,\ Type\ II}$ flow exceeds the Q_{USGS} flow similarly to the $Q_{CN\text{-}AMC\ II,\ Type\ I}$ flow exceeding the Q_{USGS} flow for the 2-, 5-, and 10-year frequencies and especially for cases where the flows are within 72 percent of the Q_{USGS} flow as shown in Table 9. In contrast, the $Q_{CN\text{-}AMC\ Adj,\ Type\ II}$ flow does not exceed the Q_{USGS} flow similarly to the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ flow exceeding the Q_{USGS} flow for the 25-, 50-, and 100-year frequencies. This is true even for cases where the flows are within 72 percent of the Q_{USGS} flow.

Plots comparing the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ and $Q_{CN\text{-}AMC\ Adj,\ Type\ II}$ flows to the Q_{USGS} flow for drainage areas 3.12 to 10 mi.^{2} are shown in Figures 34-39 for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies. Analyses of these figures indicates that $Q_{CN\text{-}AMC\ Adj,\ Type\ II} > Q_{CN\text{-}AMC\ II,\ Type\ I} > Q_{USGS}$ for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies for most of the data. Table 10 shows that the $Q_{CN\text{-}AMC\ Adj,\ Type\ II}$ flow exceeds the Q_{USGS} flow almost identically to the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ flow exceeding the Q_{USGS} flow for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies. The only difference is that the $Q_{CN\text{-}AMC\ Adj,\ Type\ II}$ flow is less conservative than the $Q_{CN\text{-}AMC\ II,\ Type\ II}$ flow when compared to the Q_{USGS} flow.

Tables 11 and 12 provide additional information on the data collected and analysis done for this study.

CONCLUSIONS AND RECOMMENDATIONS

- For drainage areas less than 10 mi.^{2}, the AMC at the occurrence of the annual peak flow does not become closer to AMC I (dry) as the location of interest moves from east to west in SD.
- For peak flows for the **2-, 5-, and 10-year** frequencies, estimating CN by using the CN-AMC regression equation $CN = CN_{AMC\ I} + 0.57\ (CN_{AMC\ II} - CN_{AMC\ I})$ with a Type II rainfall distribution adequately predicts peak flows for drainage areas equal or less than 2,000 acres. Estimating the 2-, 5-, and 10-year frequency peak flows by using $CN_{AMC\ II}$ with a Type I rainfall distribution also adequately predicts peak flows for drainage areas less than 2,000 acres. However, because of potential difficulties of applying the CN method using different CN and rainfall distributions for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies, **the NRCS, in SD, will continue to estimate peak flows using $CN_{AMC\ II}$ with a Type II rainfall distribution for all frequencies for drainage areas equal less than 2,000 acres.**
- For the **2-, 5-, 10-, 25-, 50-, and 100-year** frequencies, estimating CN by using the CN-AMC regression equation $CN = CN_{AMC\ I} + 0.29\ (CN_{AMC\ II} - CN_{AMC\ I})$ with a Type II rainfall distribution adequately predicts peak flows for drainage areas 3.12 to 10 mi.^{2}. However, estimating peak flows by using the $CN_{AMC\ II}$ with a Type I rainfall distribution for drainage areas 3.12 to 10 mi.^{2} compares better to measured peak flow data. **The NRCS, in SD, will estimate peak flows using $CN_{AMC\ II}$ with a Type I rainfall distribution for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies for drainage areas 3.12 to 10 mi.^{2}.**
- The estimation of peak flows using the USGS regression equations is not recommended for NRCS conservation practices since the option of using the CN method with a $CN_{AMC\ II}$ with a Type I rainfall distribution fits the measured data better for drainage areas 3.12 to 10 mi.^{2}.
- Even though the results indicate that peak flows estimated by adapting the CN method (using an CN-AMC regression equation or a Type I rainfall distribution) compare more closely to USGS predicted peak flows than peak flows estimated using a CN-AMC II and Type II rainfall distribution, the discrepancy between measured and predicted flows, in

SD, is probably more of a hydrograph shape problem than an antecedent moisture condition and/or rainfall distribution problem. Unfortunately, in SD, there is not sufficient daily flow data for small watersheds at the present time to analyze this discrepancy.

- It is cautioned that prudent judgment should be exercised in using any of the above CN method adaptation options for AMC or rainfall distributions as historically the design of conservation practices using $CN_{AMC\ II}$ with a Type II rainfall distribution has proven to be very successful.

SUMMARY

The CN method, used to estimate direct runoff from storm rainfall for conservation practices, needed to be adapted to better reflect conditions in SD. Field observations of engineering practices by NRCS personnel throughout the state indicated that peak flows computed using the CN method appeared to over predict peak flows. Also, the NRCS in other states including TX, NE, KS, and OK, already had adapted the CN method based on the antecedent moisture condition tending to move towards AMC I (dry) as the location of the practice moves from east to west. The NRCS, in MN and ND, also have adapted the CN method for selected conservation practices and drainage area sizes by using a Type I rainfall distribution instead of a Type II rainfall distribution. Part 1 of the study involved comparing measured peak flows at USGS gaging stations to CN predicted peak flows for individual annual peak storm events. CN-AMC regression equations then were developed from this comparison. Part 2 of the study involved comparing USGS predicted peak flows at USGS gaging stations for selected frequencies using a log-Pearson Type III procedure to CN predicted peak flows of corresponding frequencies using AMC I, II, and III with Type I and II rainfall distributions. The peak flows estimated using the CN-AMC regression equations also were compared to the USGS predicted peak flows using a log-Pearson Type III procedure.

Peak flow data from about 120 USGS gaging stations (predominantly crest-stage gages) with drainage areas less than 10 mi.^{2} were used in the investigation. The stations were further subdivided into drainage areas of equal or less than 2,000 acres and 3.12 to 10 mi.^{2} to reflect the requirements of the NRCS rainfall-runoff models.

The peak flow frequency estimates (2-, 5-, 10-, 25-, 50-, and 100-year) for the UGSS gaging stations were estimated using the log Pearson Type III procedure. The period of record of the USGS gaging stations varied from 5 to 33 years. About 25 and 40 percent of the stations had periods of record greater than 20 and 15 years, respectively. Daily rainfall and snow depth data from the NWS precipitation stations, in SD, were used in the study.

Digital statewide land use data from the USGS and digital county soil data from the NRCS were used to estimate land cover/treatment and hydrologic soil group. Thirty meter DEM data from the USGS was used to estimate some of the topography variables used in the NRCS CN method.

The NRCS's EFH2 and WINTR55 methods were used to estimate peak flows for the comparisons done in this study. The EFH2 method was used for drainage areas equal or less than 2,000 acres and the WINTR55 method was used for drainage areas 3.12 to 10 mi.^{2}. Required input data for the EFH2 method include rainfall volumes and distribution, drainage area, average watershed slope, longest flow path, CN (AMC I, AMC II, or AMC III). Drainage area, average watershed slope, and the longest flow path were computed using Arc Hydro. Required input data for the WINTR55 method include rainfall amounts and distribution, drainage area, channel slopes, flow lengths, representative channel hydraulic properties, and CN

(AMC I, AMC II, or AMC III). Drainage area was computed using Arc Hydro and flow lengths and channel slopes were estimated using the digital drainage area and the USGS 1:24,000 DRGs. The representative channel hydraulic properties, used to compute time of concentration, were computed by estimating a typical cross section in the watershed and applying HecRas.

In Part 1 of the study, measured individual annual peak flows at USGS gaging stations were compared to CN predicted peak flows using rainfall data and all three possible AMCs (I, II, and III) with a Type II rainfall distribution. A regression of the CN necessary to predict the USGS measured flow using rainfall data and combinations of $CN_{AMC\ I}$, $CN_{AMC\ II}$, and $CN_{AMC\ III}$ was done.

Data from the USGS gaging stations, in SD, were divided into five regions: extreme east, east central, west central, extreme west, and the Black Hills. Analysis of the CN-AMC regression results using all available peak flow and precipitation data indicated little difference by regions; therefore, categorizing the data by region was not considered significant and was not used.

The "best fit" regression equation for drainage areas equal less than 2,000 acres was $\mathbf{CN = CN_{AMC\ I} + 0.57 * (CN_{AMC\ II} - CN_{AMC\ I})}$ with an r^2 value of 0.73. The "best fit" regression equation for drainage areas 3.12 to 10 mi.^{2} was $\mathbf{CN = CN_{AMC\ I} + 0.27 * (CN2 - CN1)}$ with an r^2 value of 0.40. In general, the regression results indicated a lot of variability.

The NWS rainfall records were analyzed for the previous two and seven days prior to the annual peak storm event. Ninety-two percent of the time the site area experienced dry conditions two days prior to the annual peak flow, and 65 percent of the time the site area experienced dry conditions seven days prior to the annual peak flow. Based on this data, the use of AMC I, not AMC II, would be expected to predict the peak flow more accurately.

In Part 2 of the study, peak flows at USGS gaging stations for selected frequencies using a log-Pearson Type III procedure were compared to CN predicted peak flows of corresponding frequencies using AMC I, II, and III with Type II rainfall distribution and AMC II with a Type I rainfall distributions. Additionally, USGS regression equations were used in the comparison.

An analysis for the 2-, 5-, and 10-year frequencies and drainage areas less than 2,000 acres shows that the flows generally vary as follows: CN-AMC II and a Type II rainfall distribution flow > CN-AMC II and a Type I rainfall distribution flow > USGS predicted flows using the log-Pearson Type III procedure. In contrast, this relationship is not true for the 25-, 50-, and 100-year frequencies. The flows estimated using the USGS regression equations don't compare to the USGS predicted flows as well as the flows estimated by using CN-AMC II and Type I rainfall distribution for the 2-, 5-, and 10-year frequencies. However, for the 25-, 50-, and 100-year frequencies, the USGS regression flows compared much closer to the USGS predicted flows. An analysis for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies and drainage areas 3.12 to 10 mi.^{2} indicates that the flows estimated vary as follows: CN-AMC II and a Type II rainfall distribution flow > CN-AMC II and a Type I rainfall distribution flow > CN-AMC regression > USGS predicted flows using the log-Pearson Type III procedure.

The peak flows estimated using the CN-AMC regression equations also were compared to USGS predicted peak flows using the log-Pearson Type III analysis at the USGS gaging stations for selected frequencies. An analysis shows that for drainage areas less than 10 mi.^{2}, the flows estimated using the CN-AMC regression equation were similar to the flows estimated by

using CN-AMC II and a Type I rainfall distribution; the major difference was the flows usually were a little less in magnitude.

An analysis for the 2-, 5-, and 10-year frequencies and drainage areas equal or less than 2,000 acres shows that the flows generally vary as follows: CN-AMC II and a Type II rainfall distribution flow > CN-AMC II and a Type I rainfall distribution flow > CN-AMC regression flow > USGS predicted flows using the log-Pearson Type III procedure. This relationship is not true for the 25-, 50-, and 100-year frequencies. An analysis for the 2-, 5-, 10-, 25-, 50-, and 100-year frequencies and drainage areas 3.12 to 10 mi.^{2} indicates that the flows generally vary as follows: CN-AMC II and a Type II rainfall distribution flow > CN-AMC II and a Type I rainfall distribution flow > CN-AMC regression flow > USGS predicted flows using the log-Pearson Type III procedure.

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SUPPLEMENTAL INFORMATION

Figures 1-39, pages 15-54.
Tables 1-12, pages 55-91.

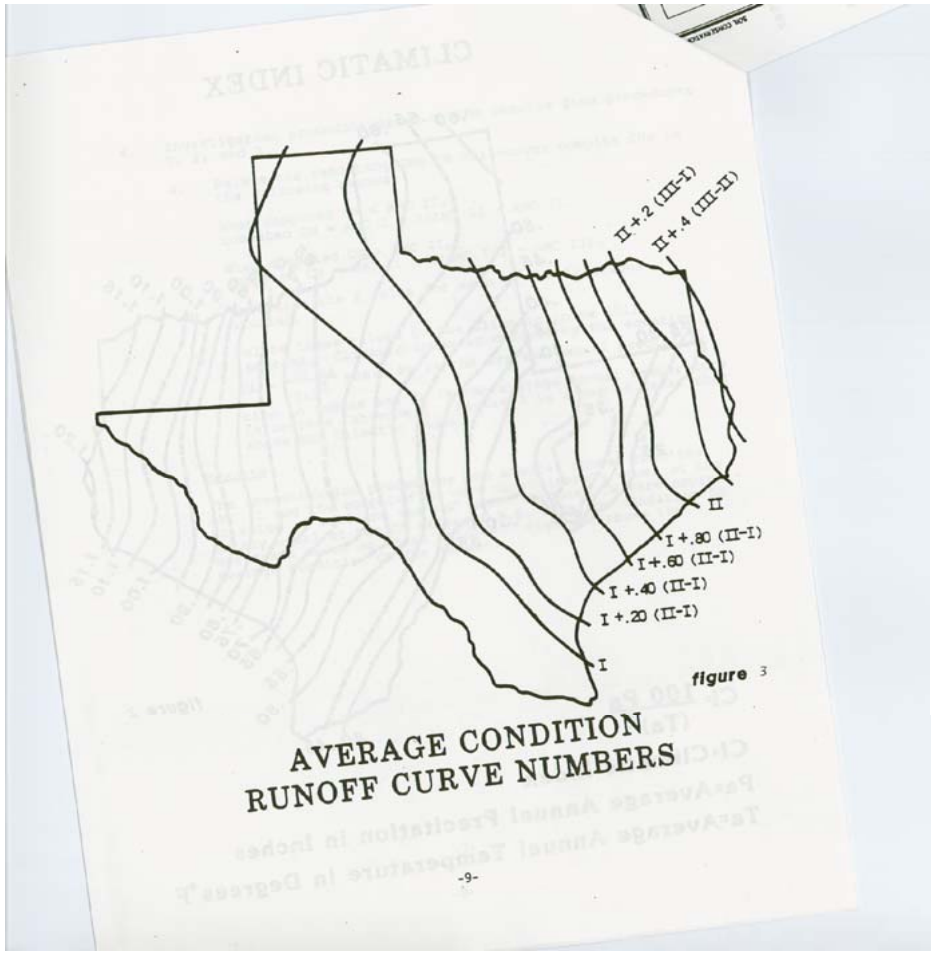
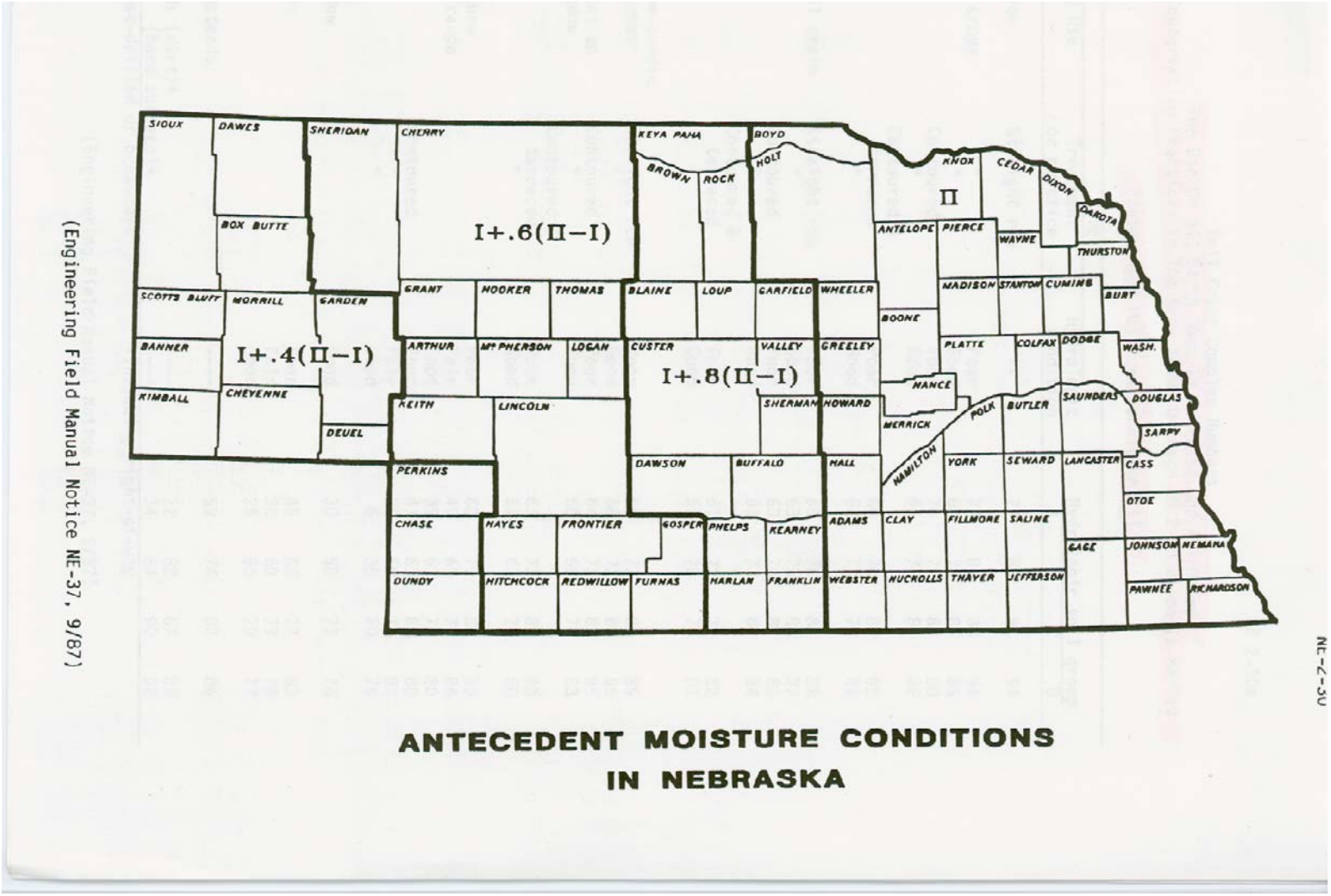


Figure 1. NRCS Curve Numbers (AMC adjustment) in Texas.



(Engineering Field Manual Notice NE-37, 9/87)

Figure 2. NRCS Curve Numbers (AMC adjustment)) for selected practices in Nebraska.

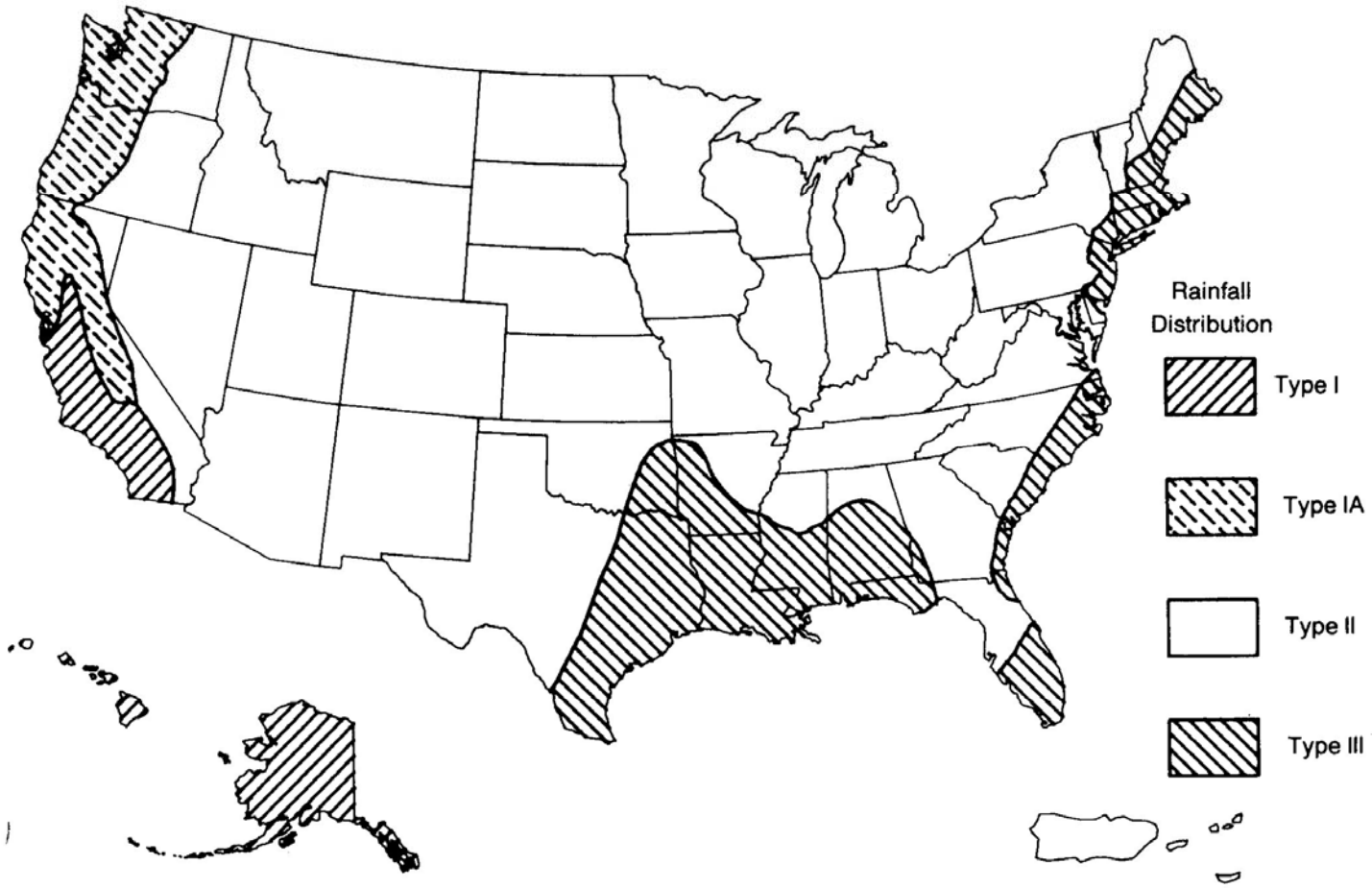


Figure 3. Rainfall distributions used in the NRCS Curve Number Method in the United States.

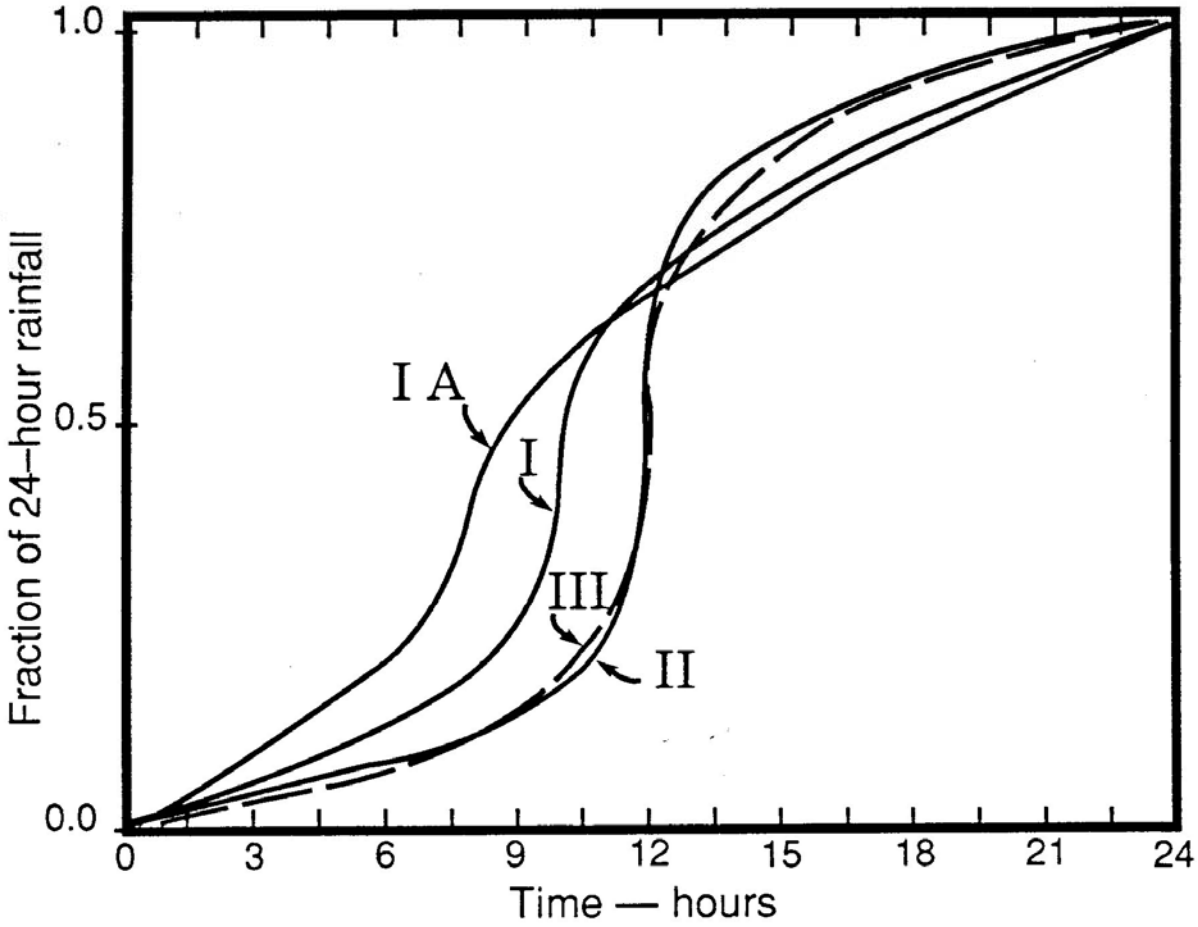


Figure 4. The Type I, IA, II, and III rainfall distributions used in the NRCS Curve Number Method.

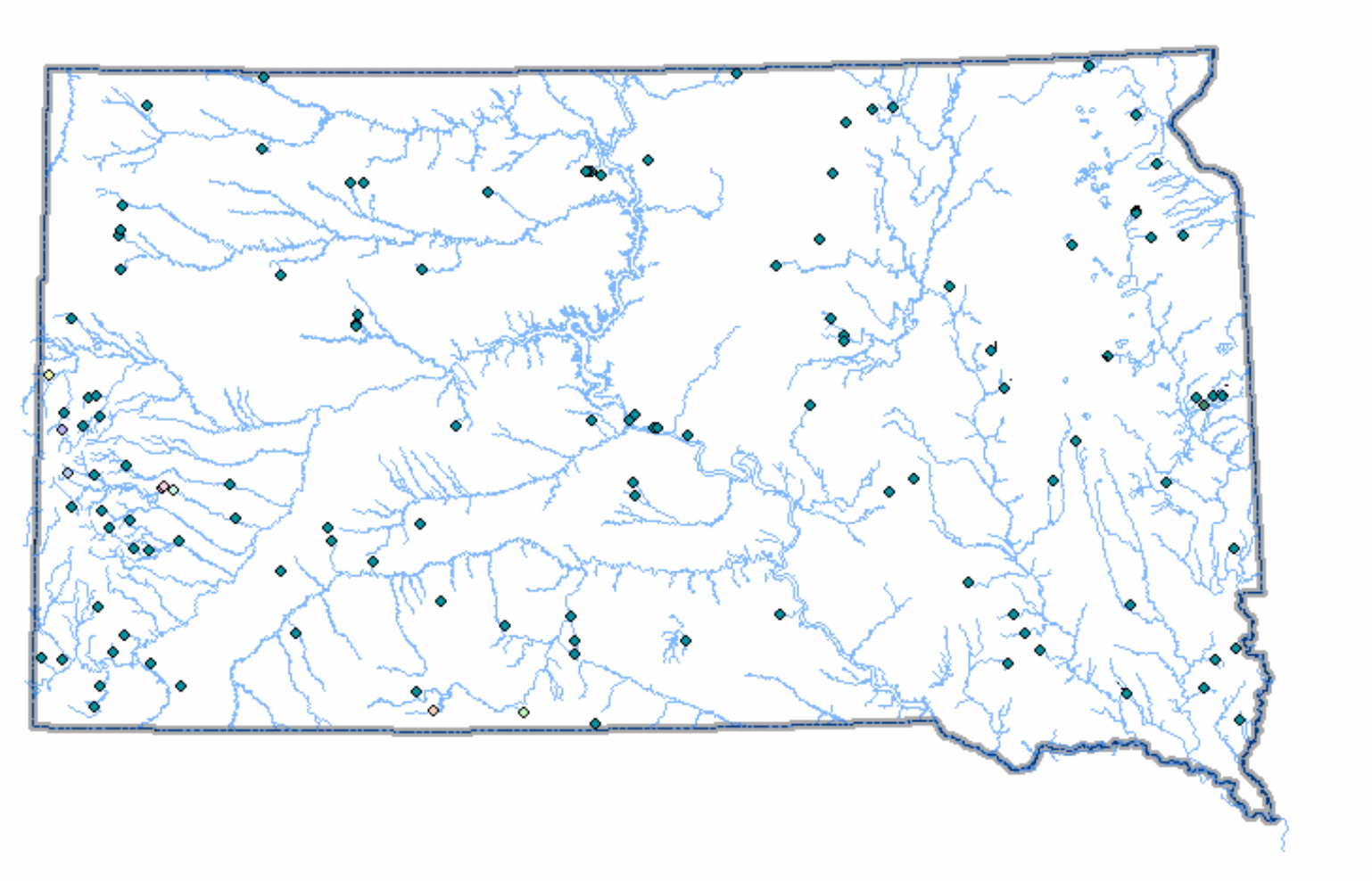


Figure 5. Selected USGS gaging stations in South Dakota with drainage areas less than 10 square miles used in this study.

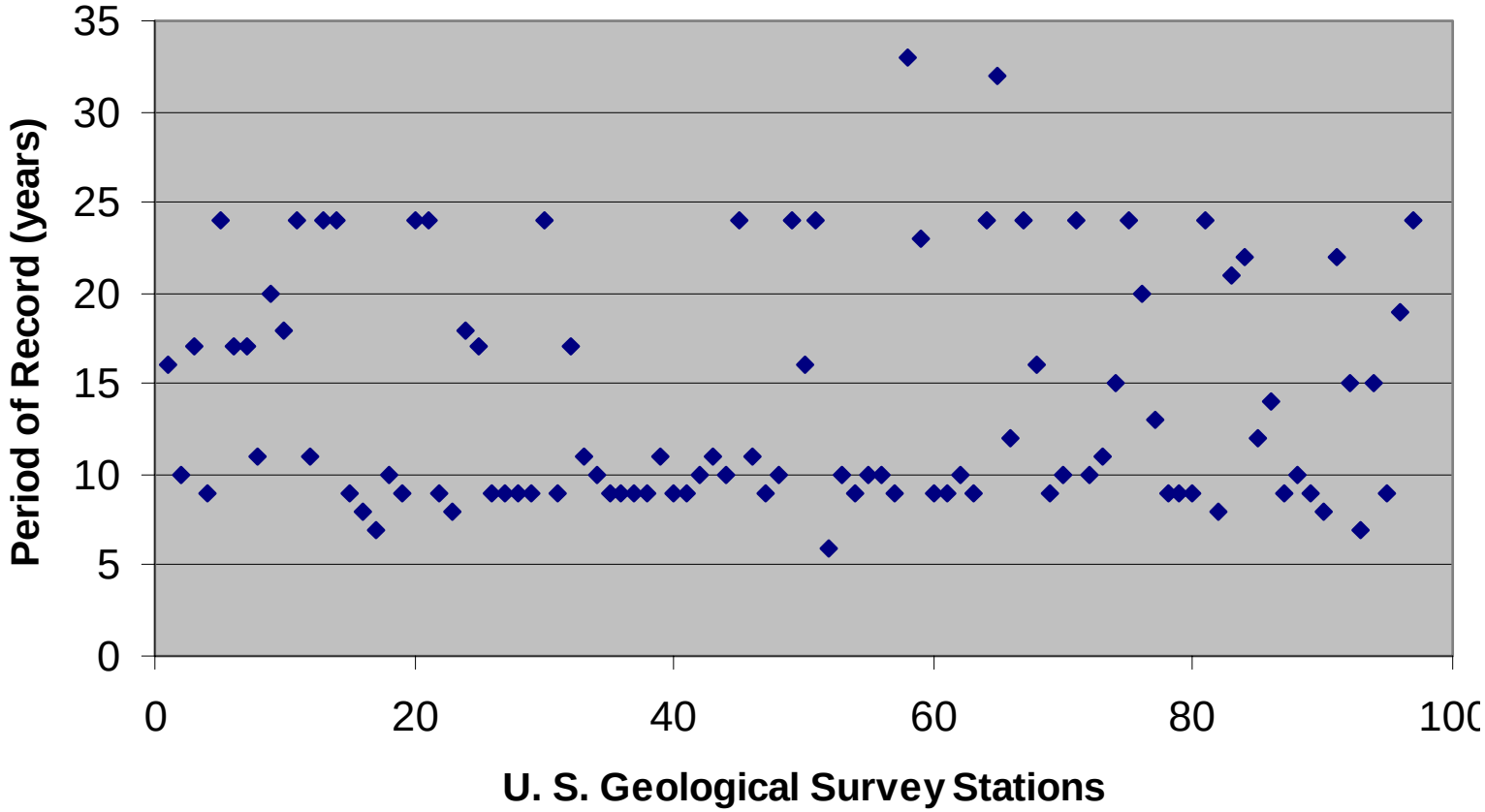


Figure 6. Period of record of selected USGS gaging stations in South Dakota used in this study.

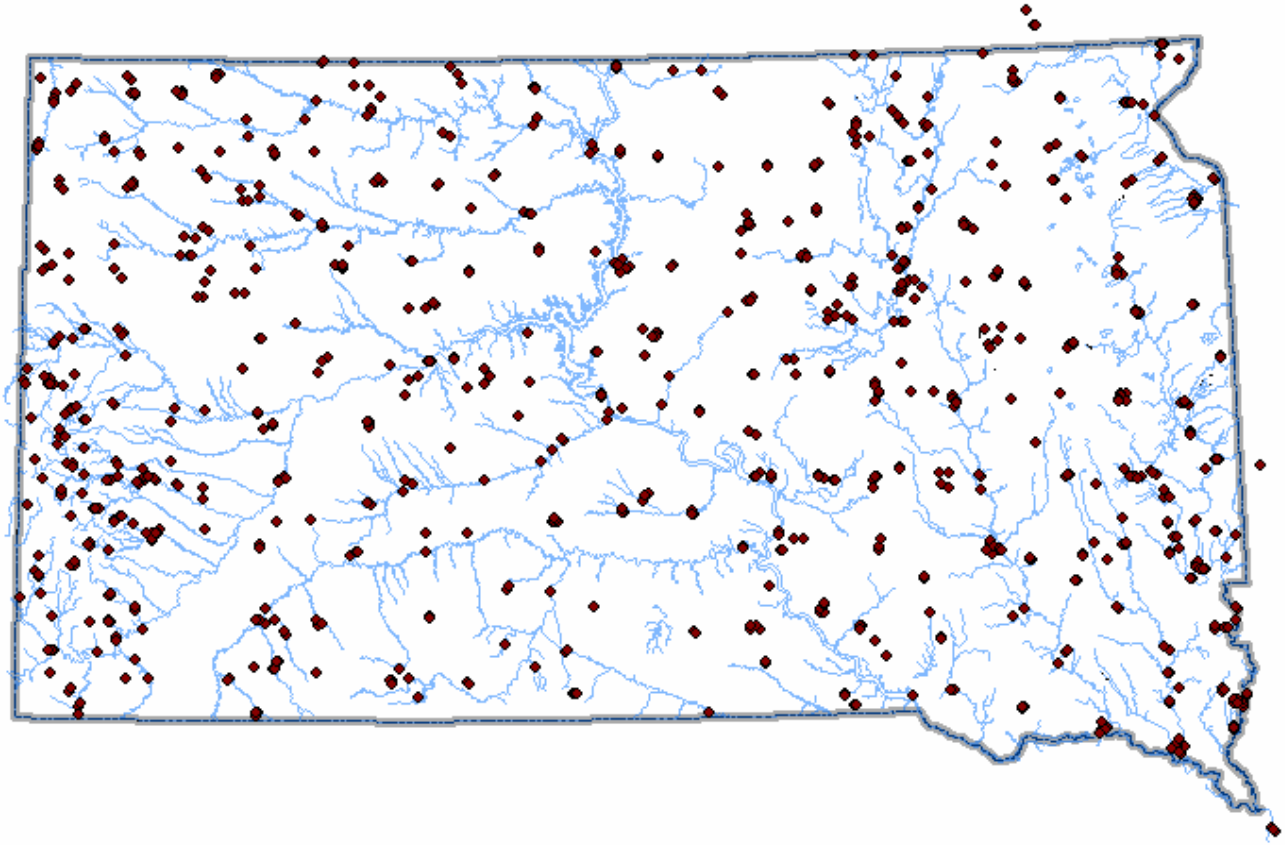


Figure 7. The National Weather Service precipitation stations in South Dakota used in this study.

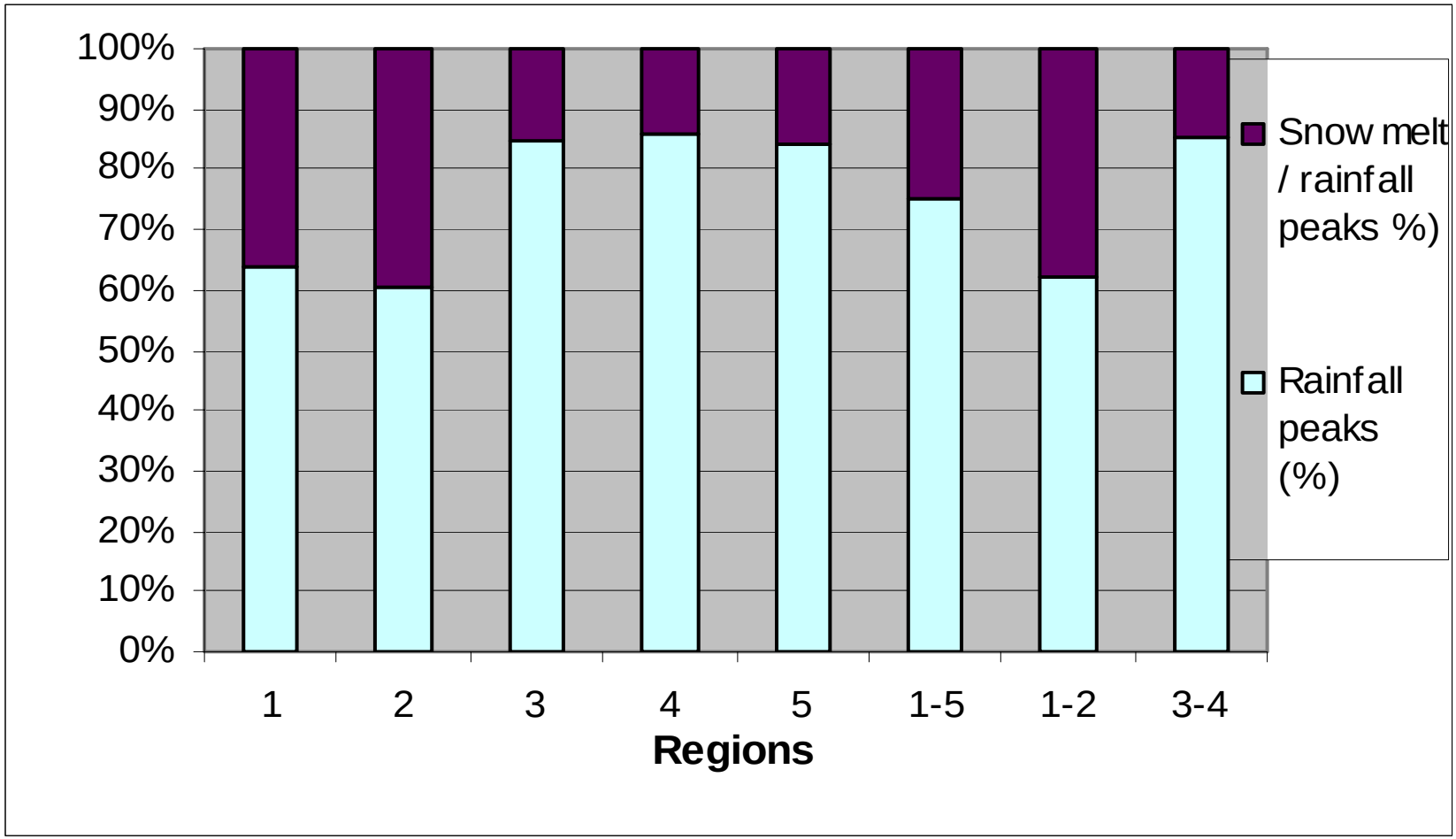
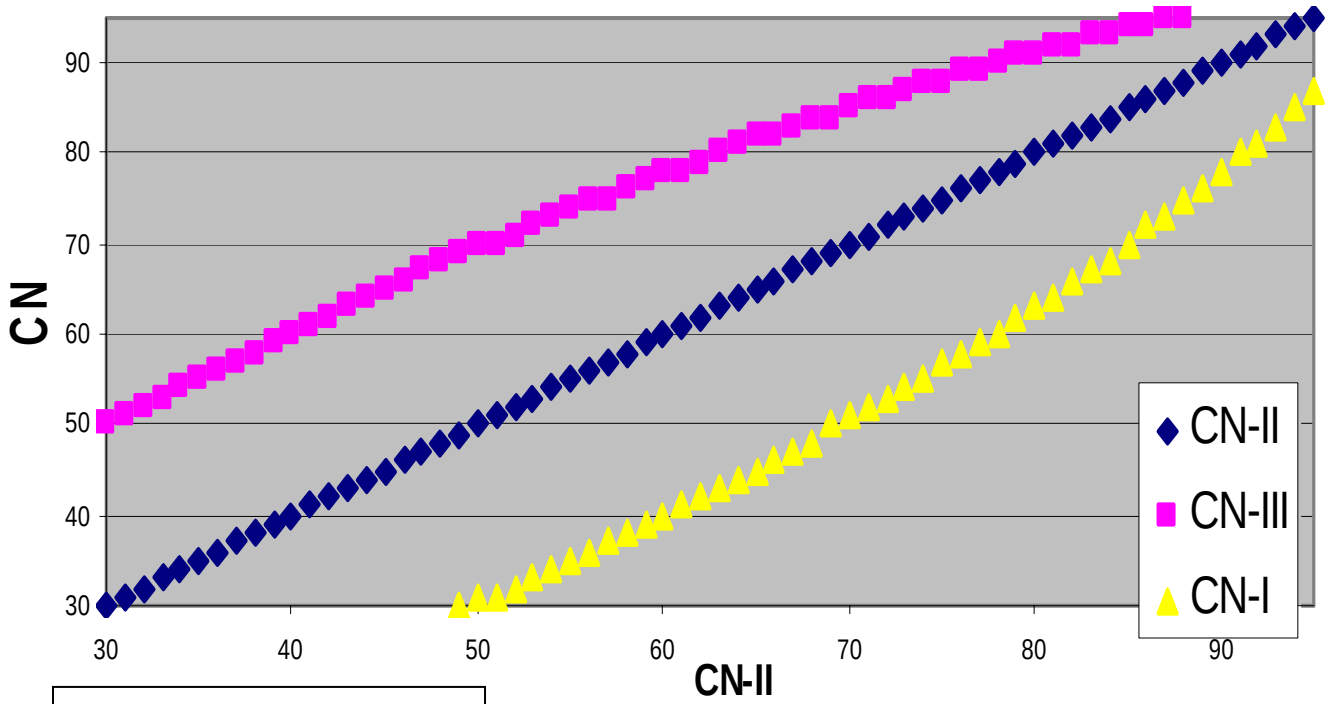


Figure 8. The percentage of annual peak flows analyzed that were rainfall and snowmelt/rainfall storm events at selected USGS gaging stations in South Dakota.



Legend
CN: CN $_{\text{AMC I, II, or III}}$
CNI: CN $_{\text{AMC I}}$
CN II: CN $_{\text{AMC II}}$
CN III: CN $_{\text{AMC III}}$

Figure 9. Comparisons of the Curve Numbers for AMC I, II, and III.

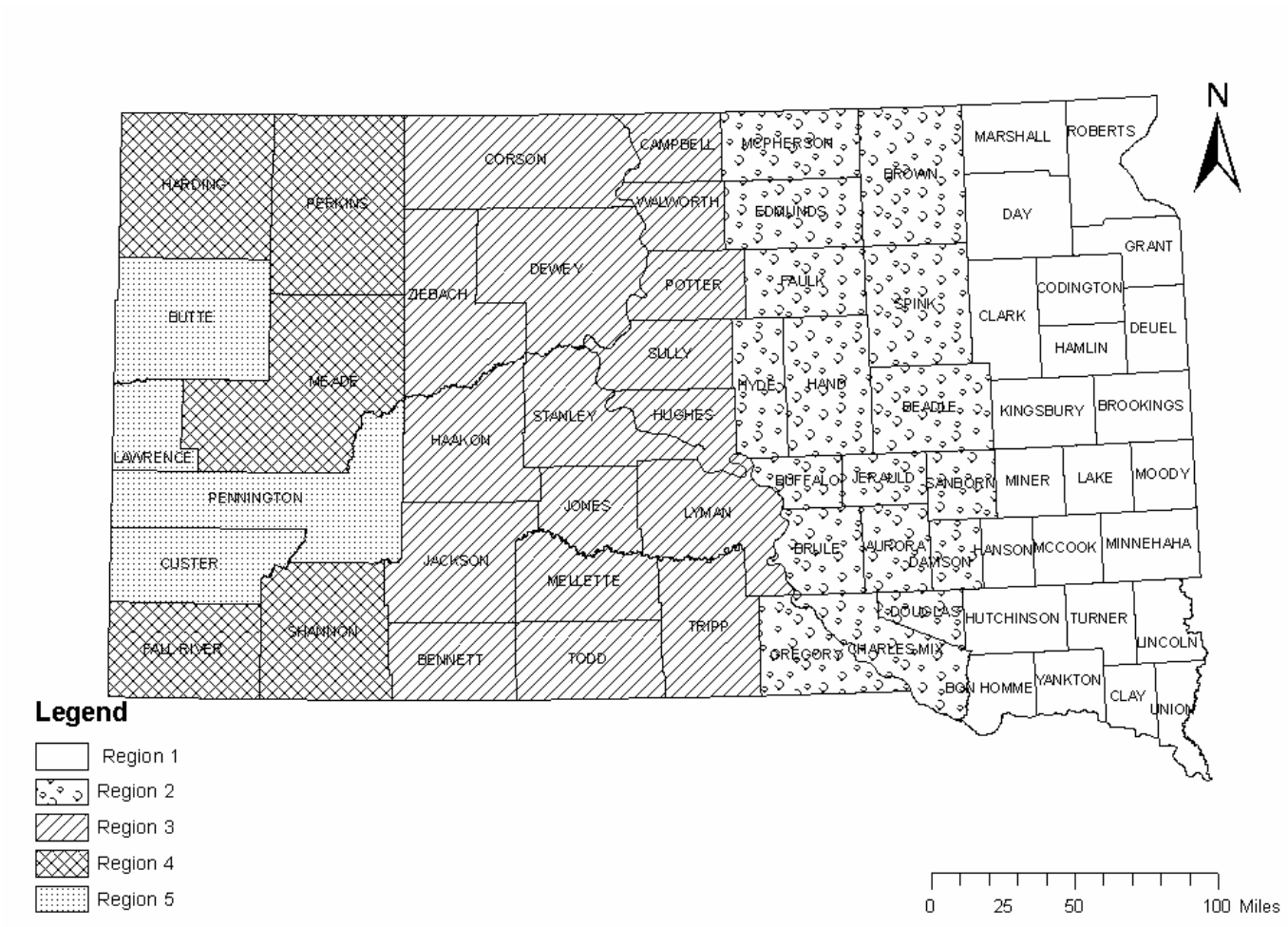


Figure 10. The Curve Number AMC regions in South Dakota analyzed for this study.

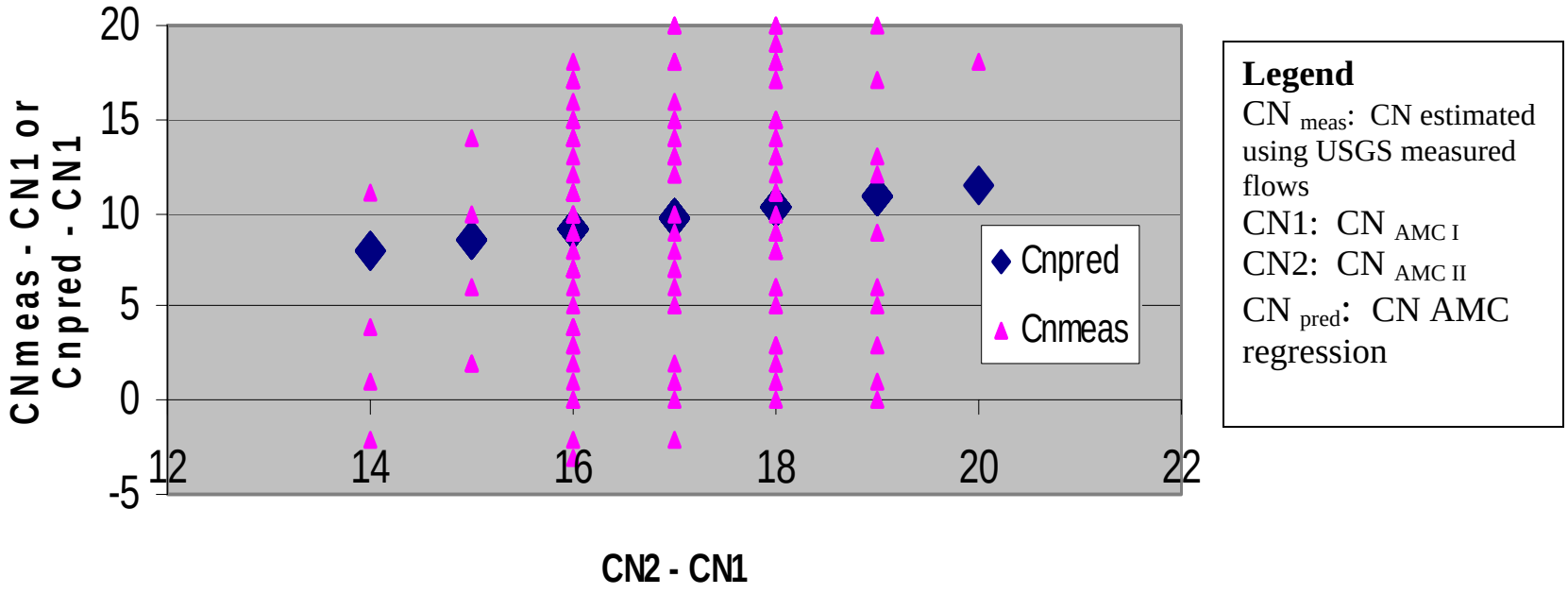


Figure 11. Comparison of the Curve Numbers estimated using the USGS measured flows and the Curve Numbers estimated using the Curve Number AMC regression for drainage areas equal or less than 2,000 acres.

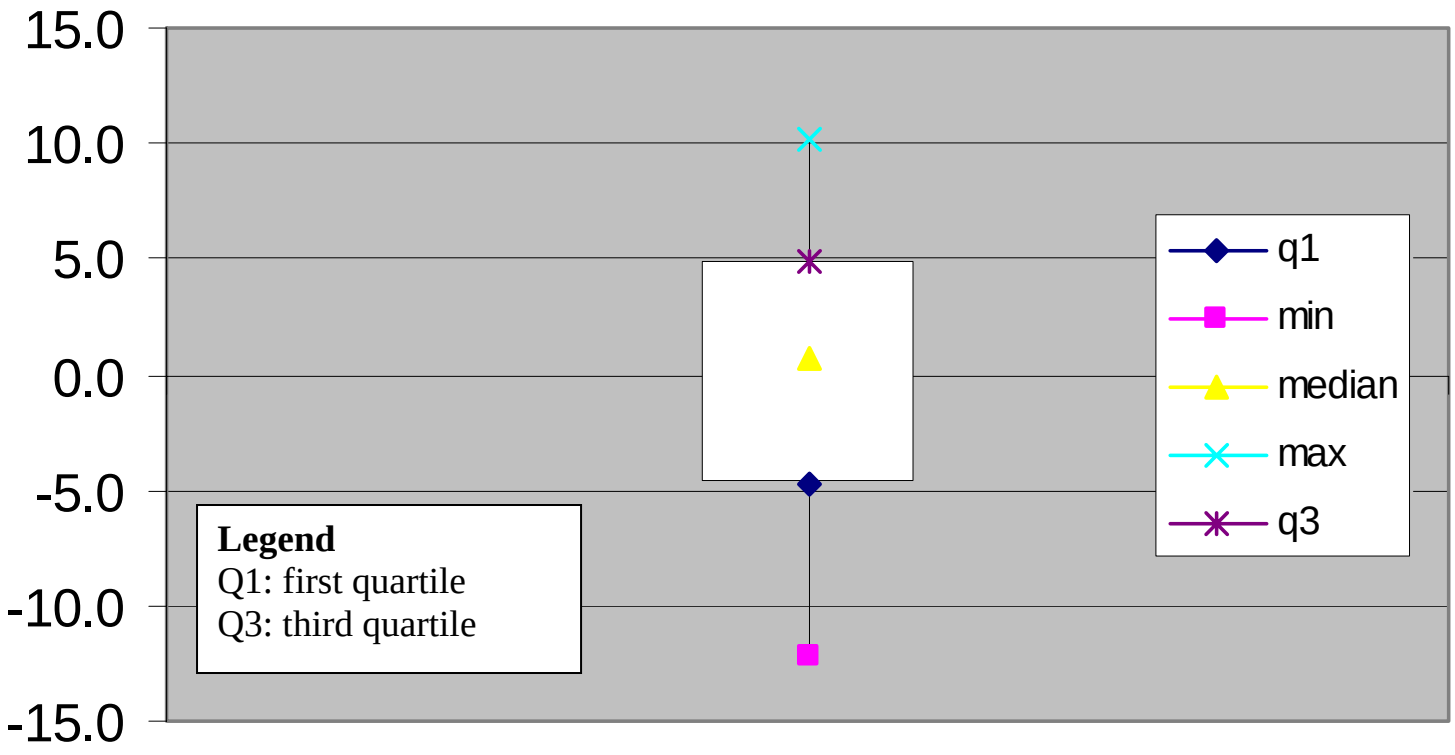
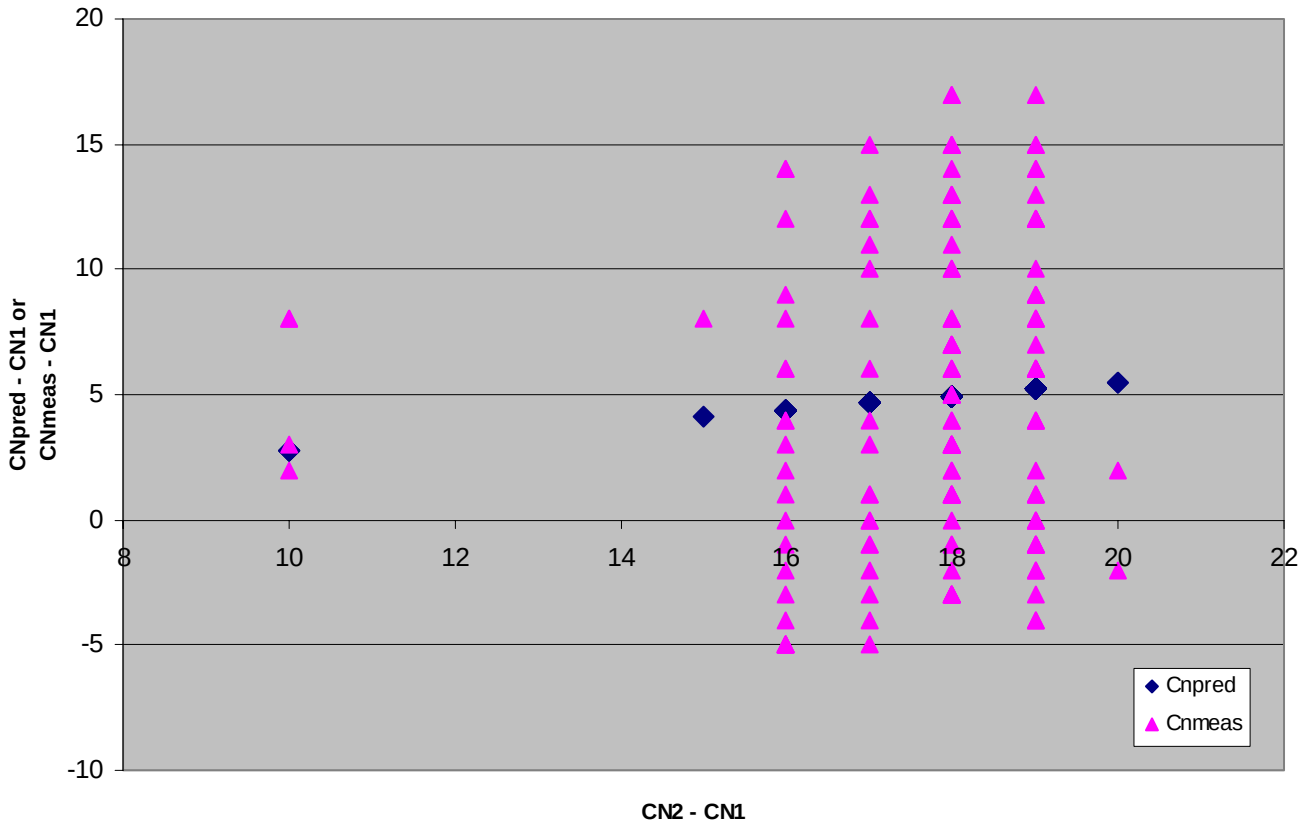


Figure 12. A boxplot of the residuals from the Curve Number AMC regression for drainage areas equal or less than 2,000 acres.



Legend

CN_{meas}: CN estimated using USGS measured flows

CN1: $CN_{AMC\ I}$

CN2: $CN_{AMC\ II}$

CN_{pred}: CN AMC regression

Figure 13. Comparison of the Curve Numbers estimated using the USGS measured flows and the Curve Numbers estimated using the Curve Number AMC regression for drainage areas 3.12 to 10 square miles.

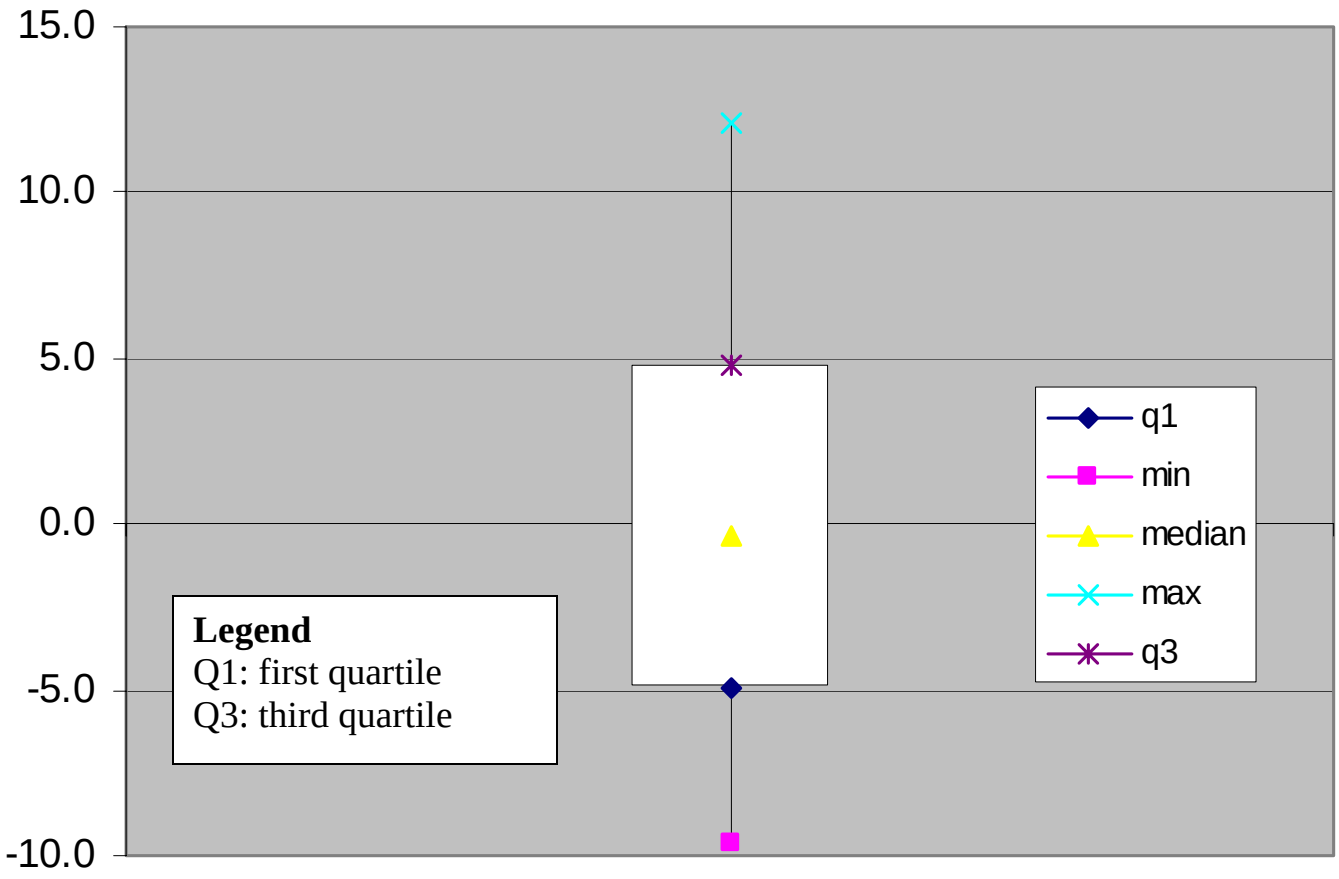
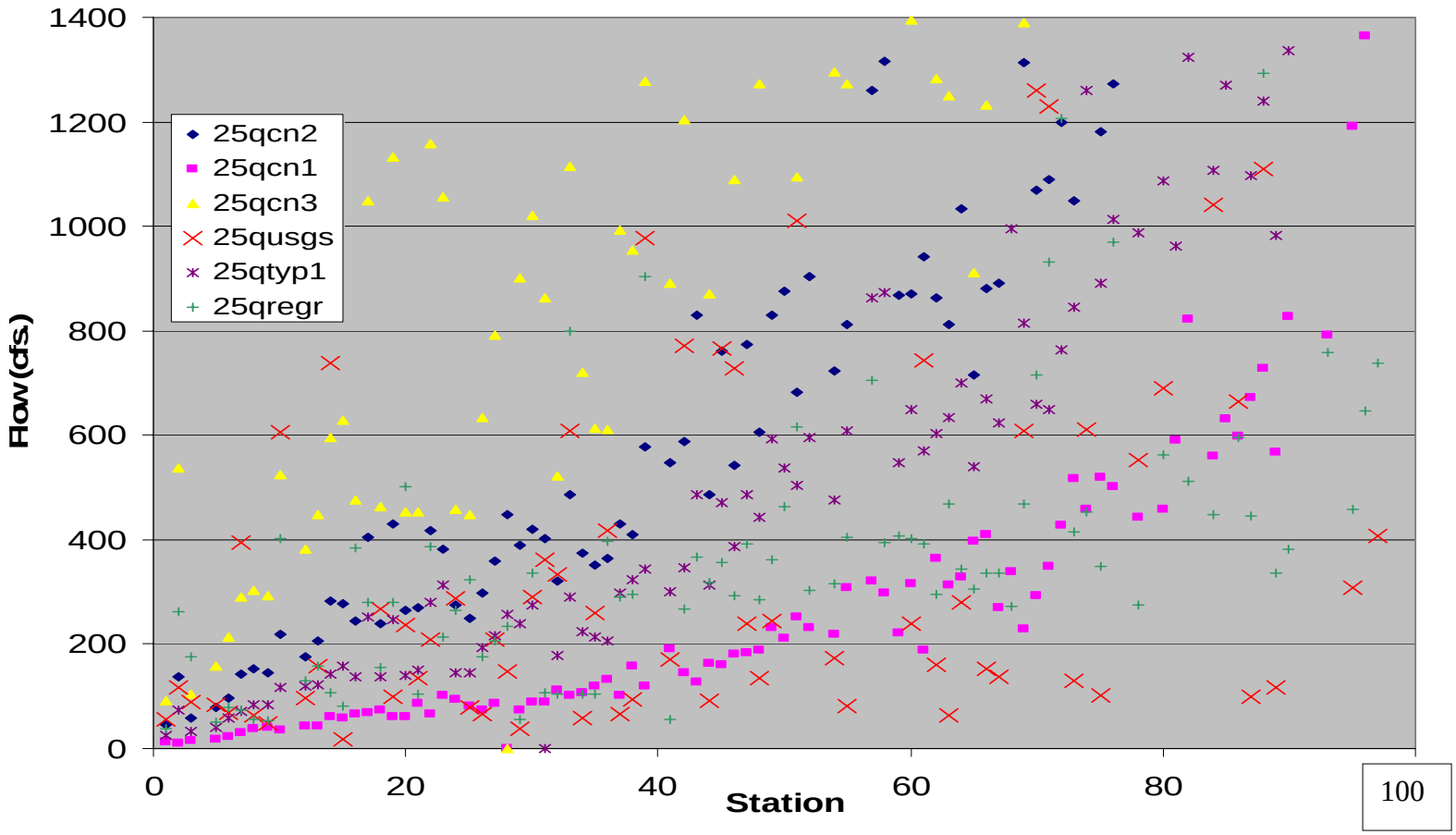


Figure 14. A boxplot of the residuals from the Curve Number AMC regression for drainage areas 3.12 to 10 square miles.



See Figure 15 continued for definition of variables.

Figure 15. Comparisons of 25-year frequency peak flows estimated by the USGS with 25-year frequency peak flows estimated using the NRCS Curve Number Method (AMC I, II, and III, Type II rainfall distribution and AMC II, Type I rainfall distribution) and USGS regression equations for selected USGS gaging stations in South Dakota with drainage areas equal or less than 10 square miles.

Definition of variables for Figure 15.

qcn2: flow estimated using NRCS Curve Number method with $CN_{AMC\ II,\ Type\ II}$
qcn1: flow estimated using NRCS Curve Number method with $CN_{AMC\ I,\ Type\ II}$
qcn3: flow estimated using NRCS Curve Number method with $CN_{AMC\ III,\ Type\ II}$
qtyp1: flow estimated using NRCS Curve Number method with $CN_{AMC\ II,\ Type\ I}$

qcnadj: flow estimated using the NRCS Curve Number Method with Curve Number AMC regression

qusgs: flow estimated by USGS (log-Pearson Type III analysis)
qregr: flow estimated using USGS regression equations

Figure 15 continued. Comparisons of 25-year frequency peak flows estimated by the USGS with 25-year frequency peak flows estimated using the NRCS Curve Number Method (AMC I, II, and III, Type II rainfall distribution and AMC II, Type I rainfall distribution) and USGS regression equations for selected USGS gaging stations in South Dakota with drainage areas equal or less than 10 square miles.

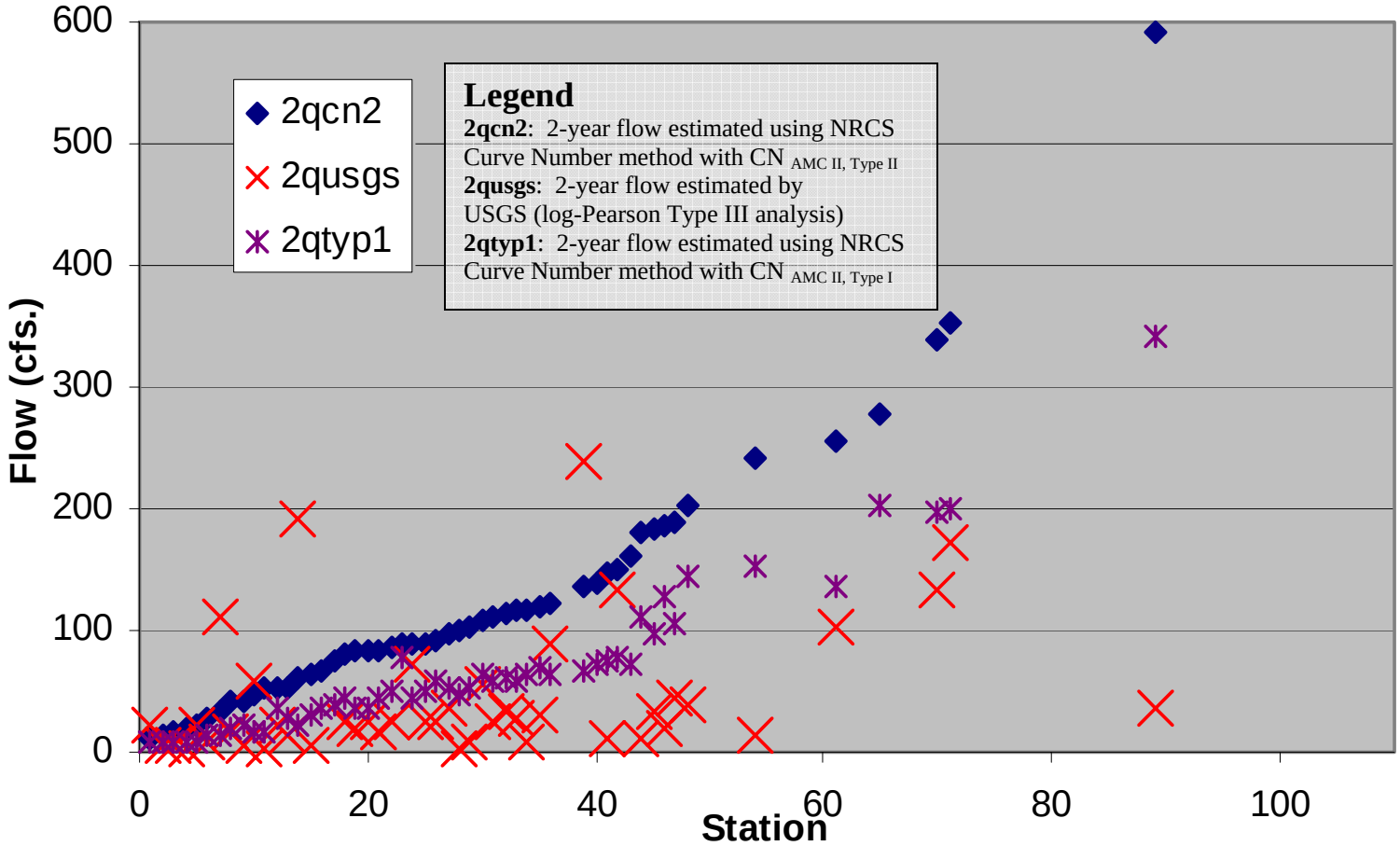


Figure 16. Comparisons of 2-year frequency peak flows estimated by the USGS with 2-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas equal or less than 2,000 acres.

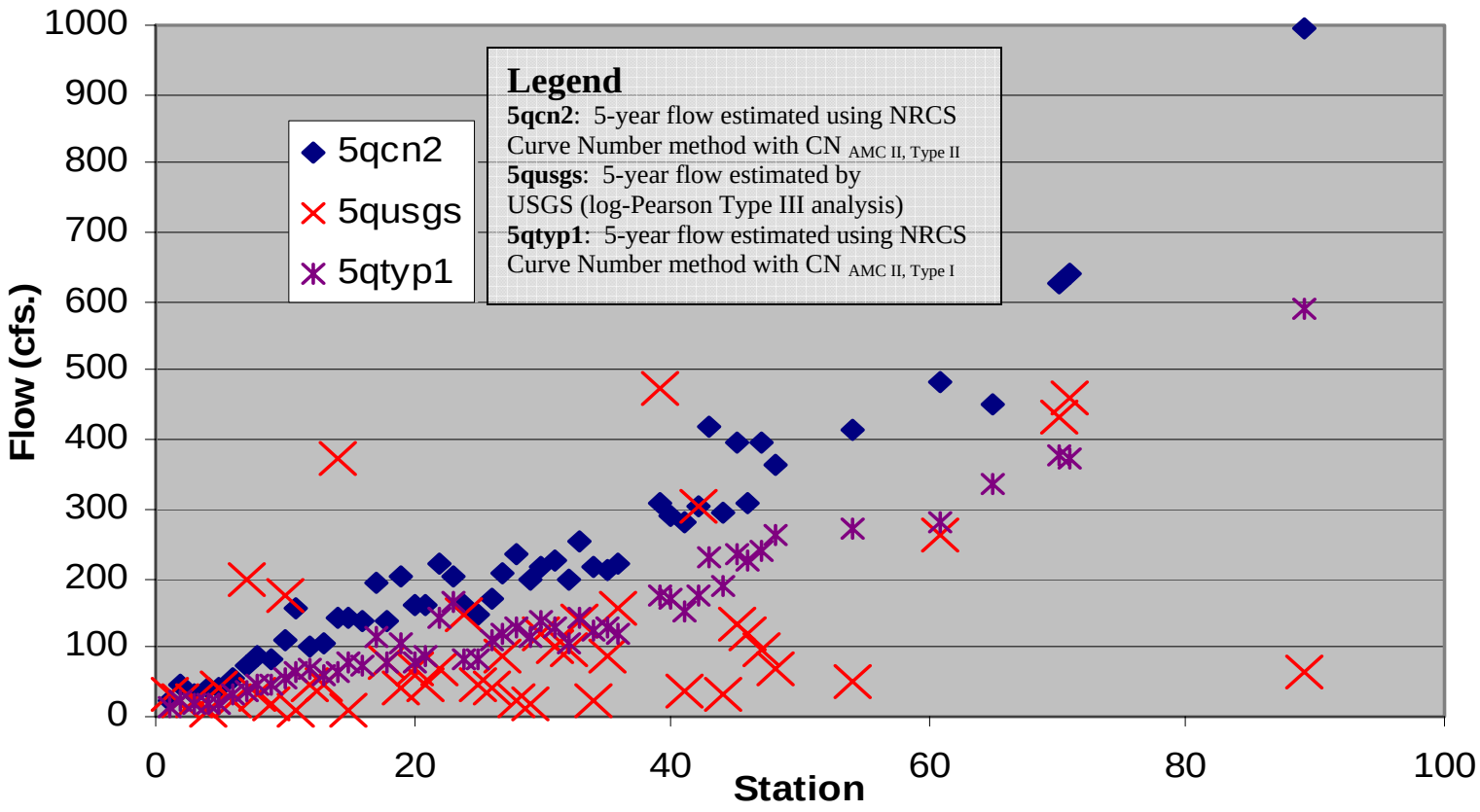


Figure 17. Comparisons of 5-year frequency peak flows estimated by the USGS with 5-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas equal or less than 2,000 acres.

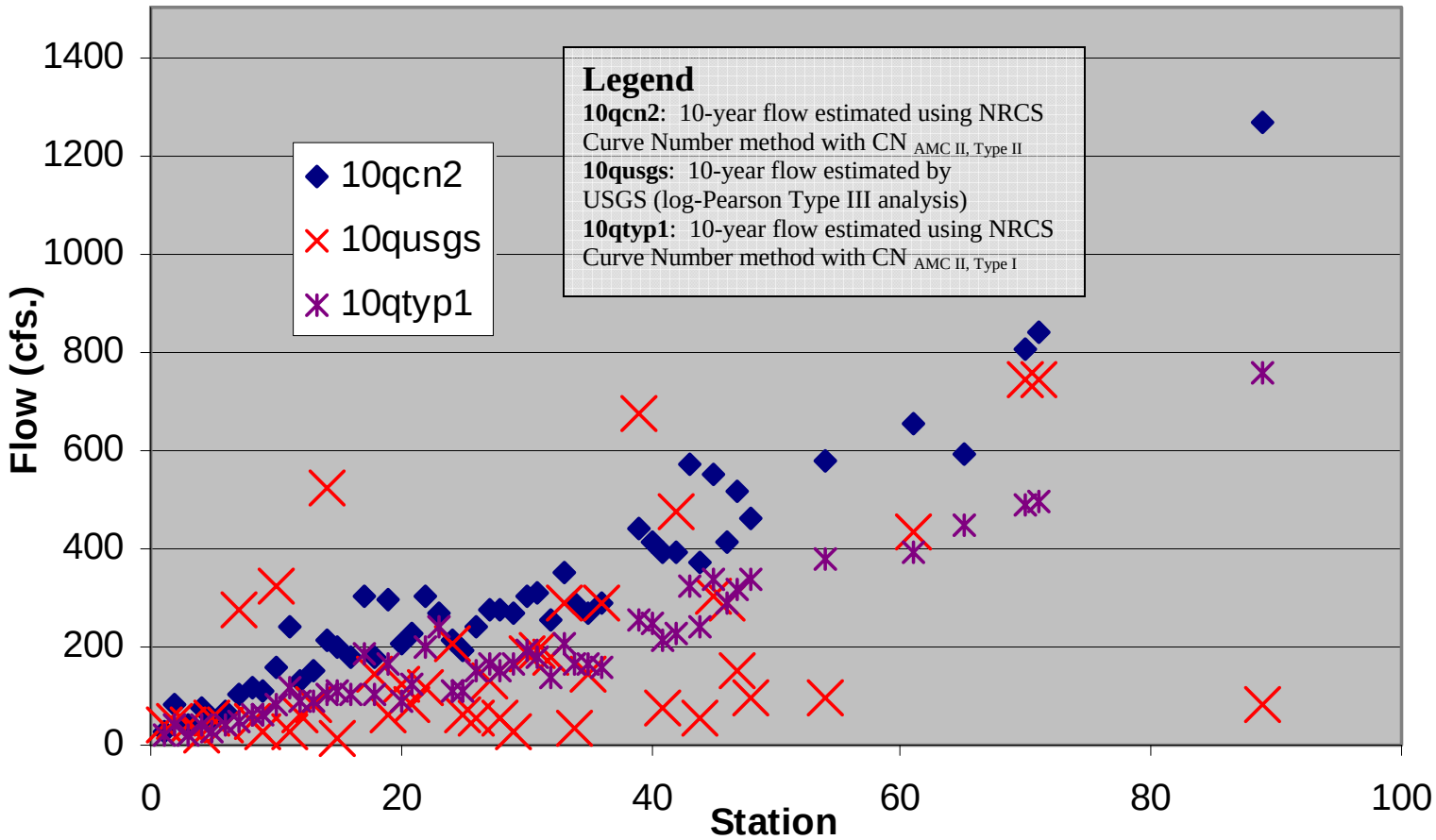


Figure 18. Comparisons of 10-year frequency peak flows estimated by the USGS with 10-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas equal or less than 2,000 acres.

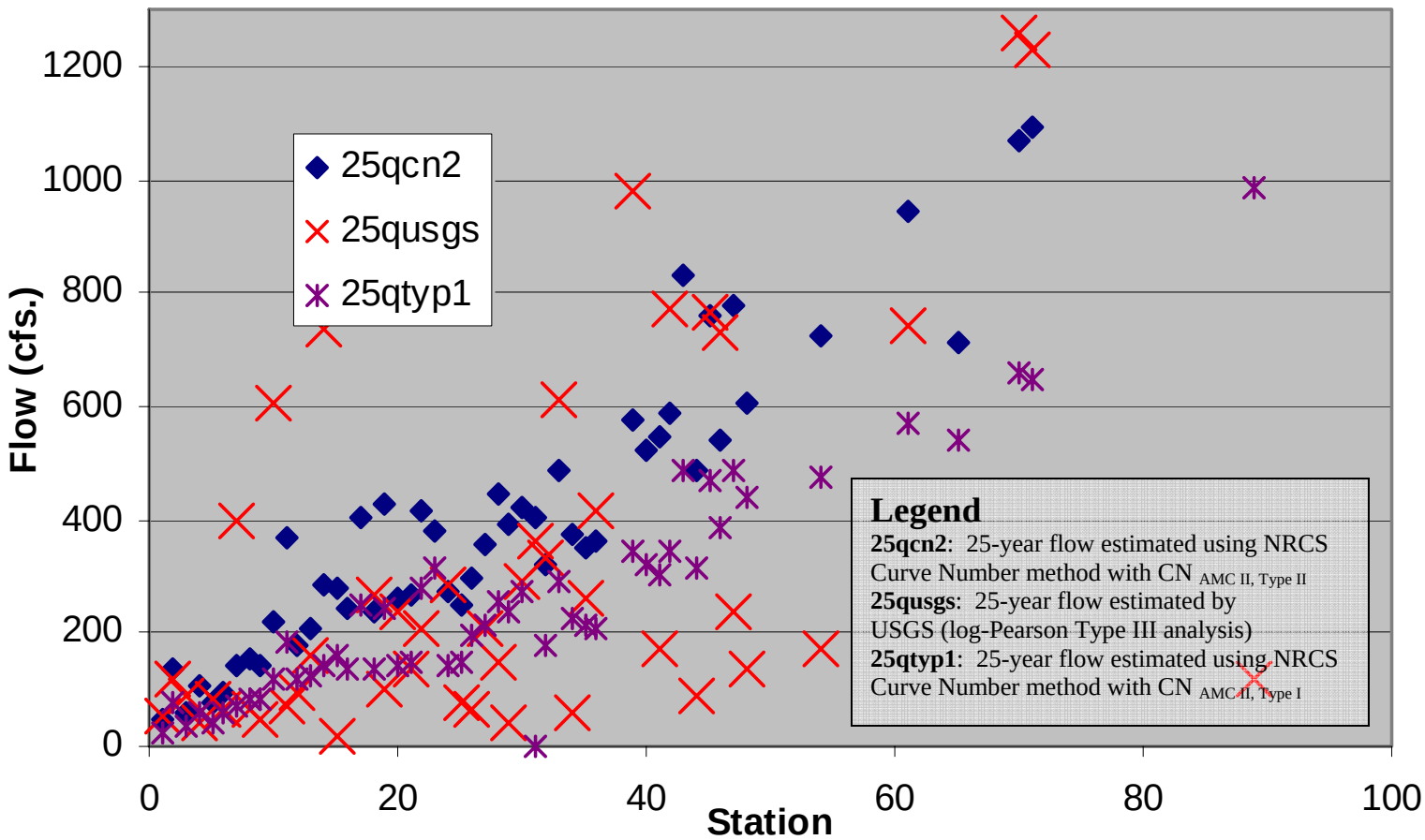


Figure 19. Comparisons of 25-year frequency peak flows estimated by the USGS with 25-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas equal or less than 2,000 acres.

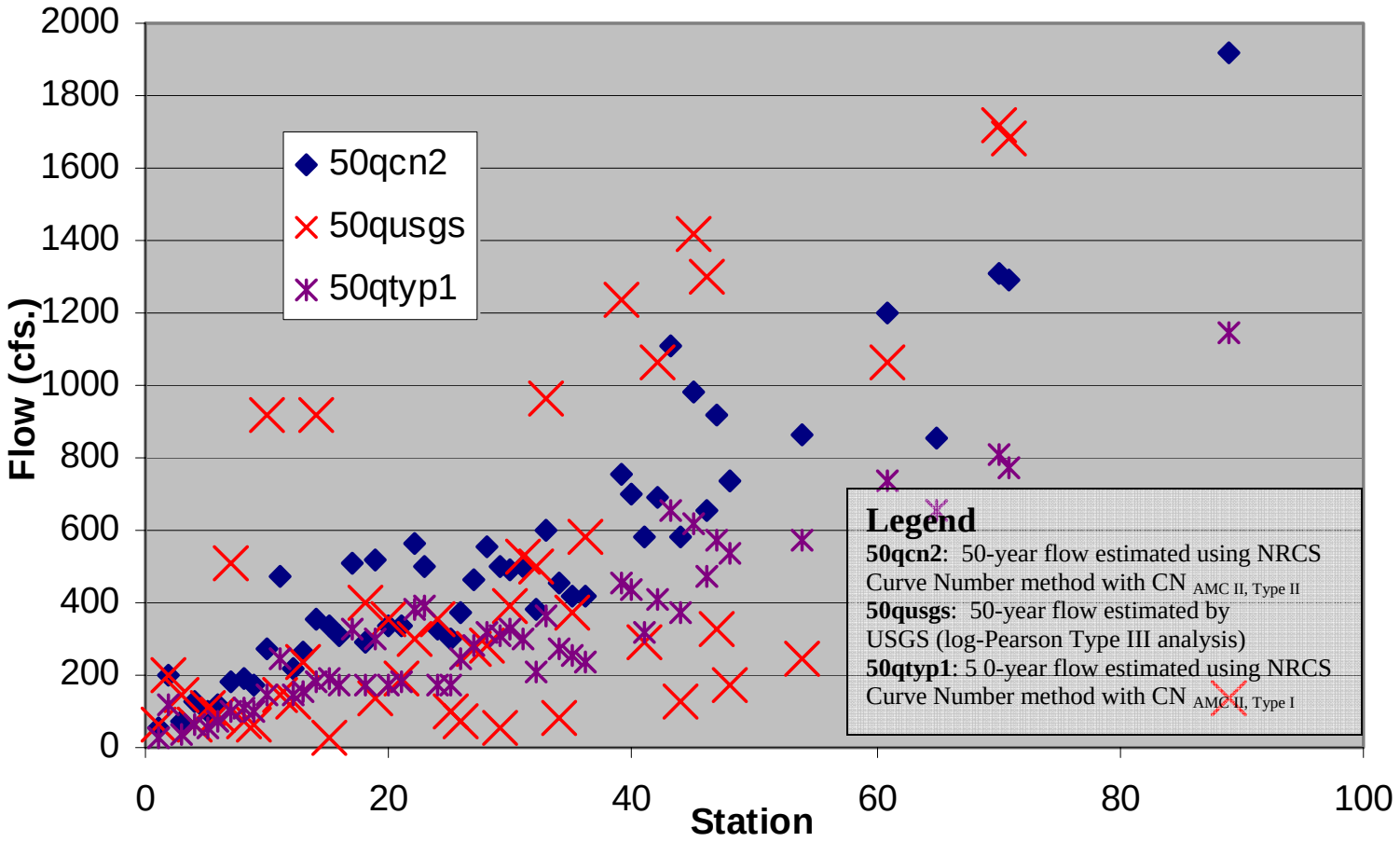


Figure 20. Comparisons of 50-year frequency peak flows estimated by the USGS with 50-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas equal or less than 2,000 acres.

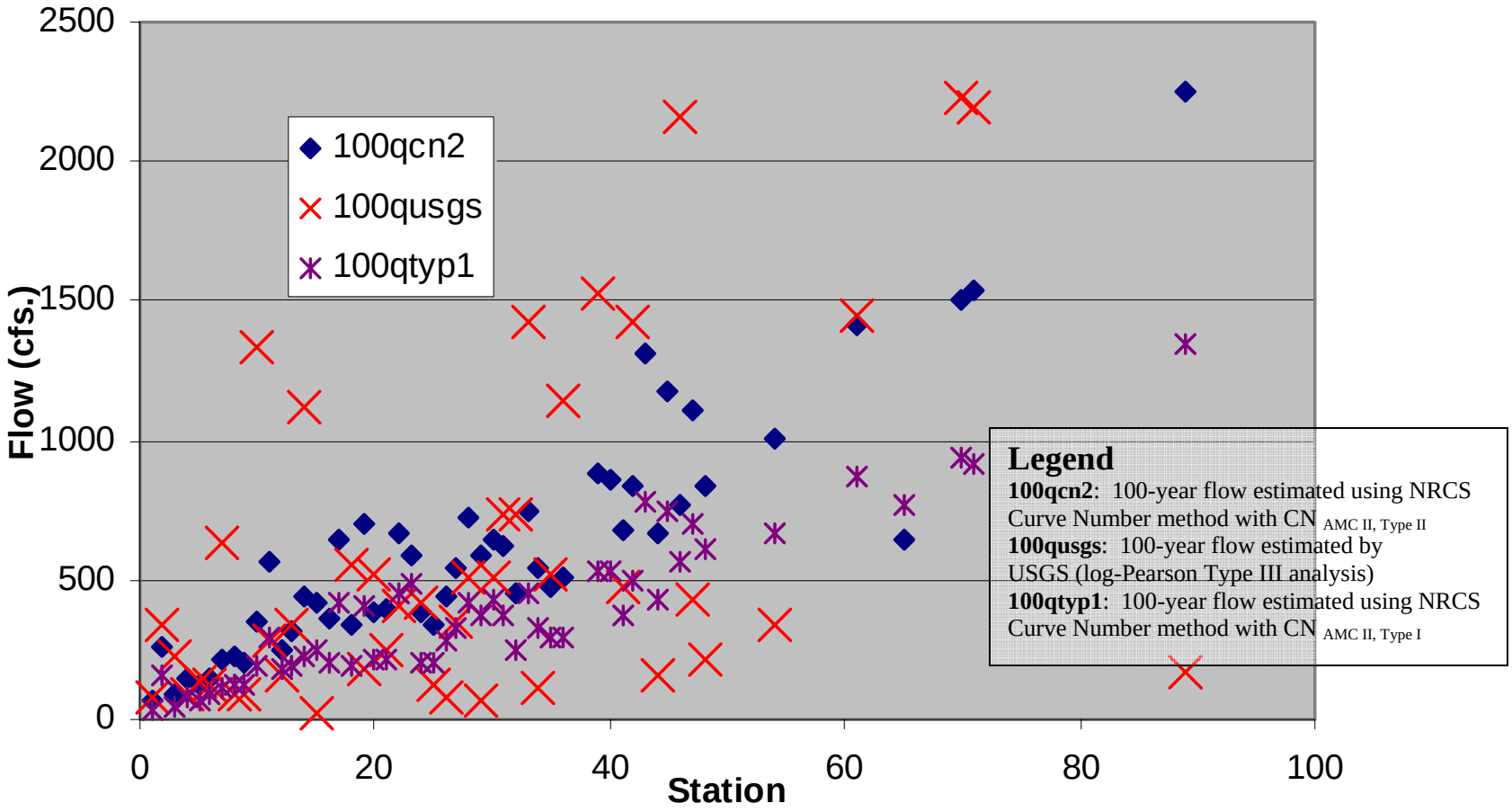


Figure 21. Comparisons of 100-year frequency peak flows estimated by the USGS with 100-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas equal or less than 2,000 acres.

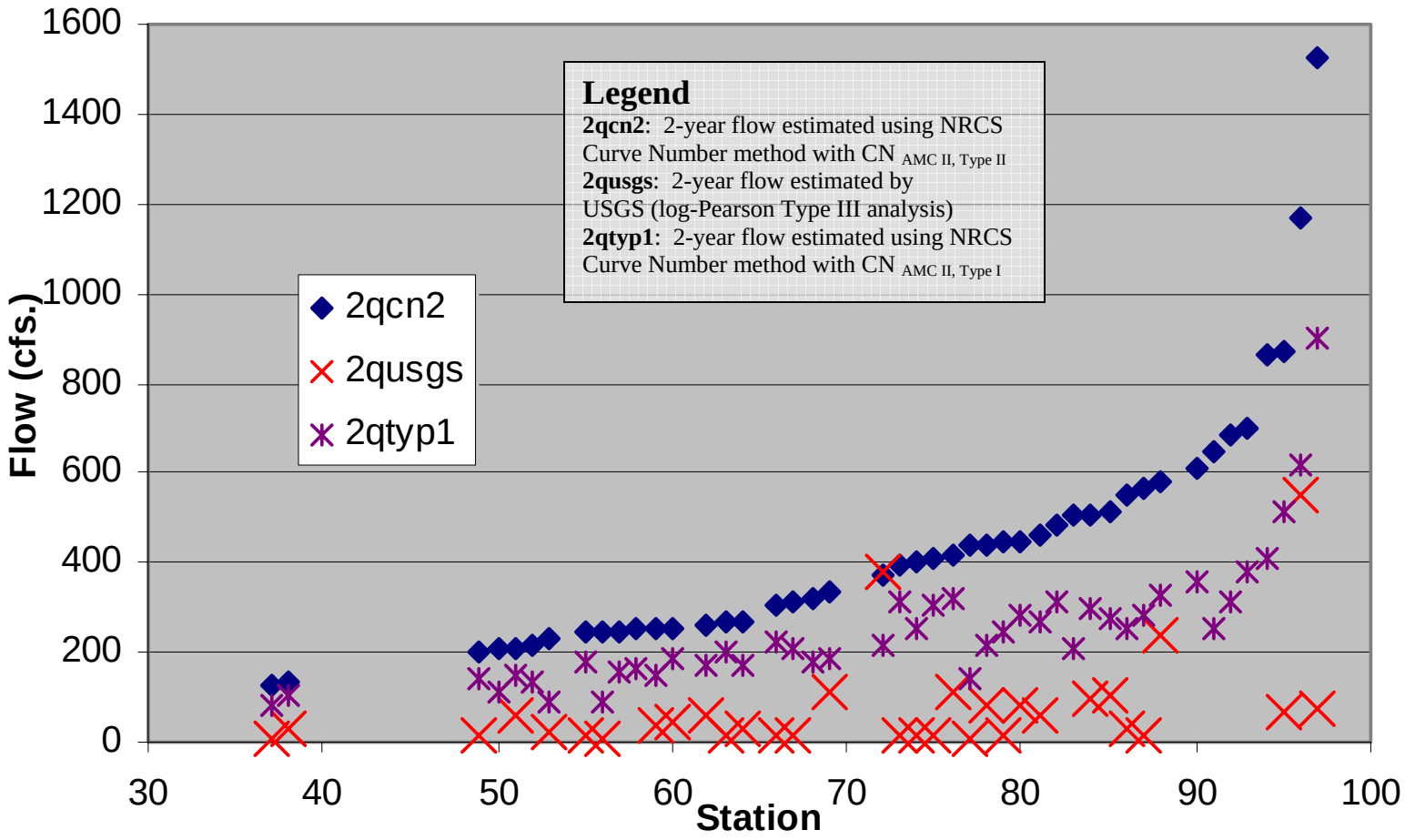


Figure 22. Comparisons of 2-year frequency peak flows estimated by the USGS with 2-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas 3.12 to 10 square miles.

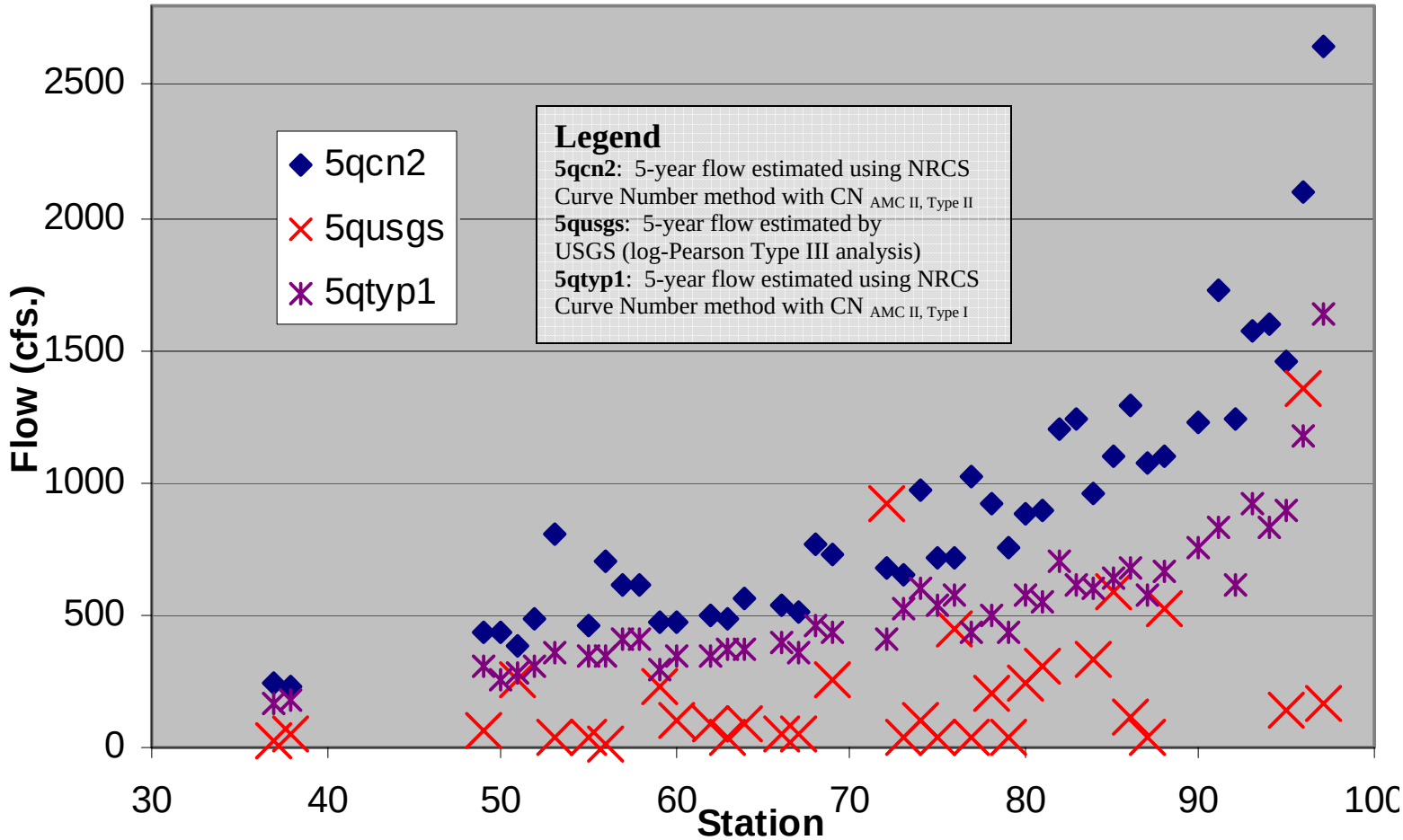


Figure 23. Comparisons of 5-year frequency peak flows estimated by the USGS with 5-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas 3.12 to 10 square miles.

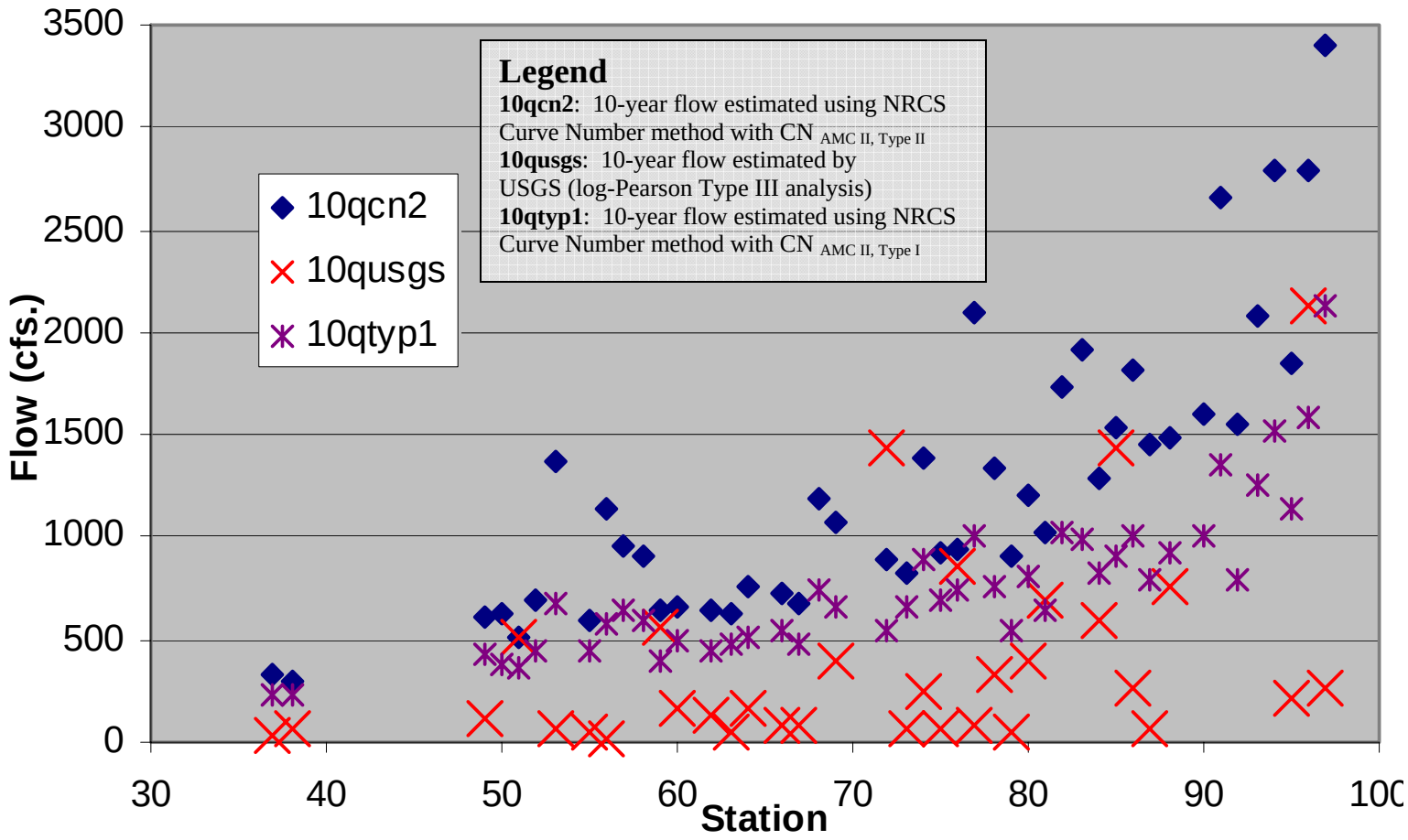


Figure 24. Comparisons of 10-year frequency peak flows estimated by the USGS with 10-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas 3.12 to 10 square miles.

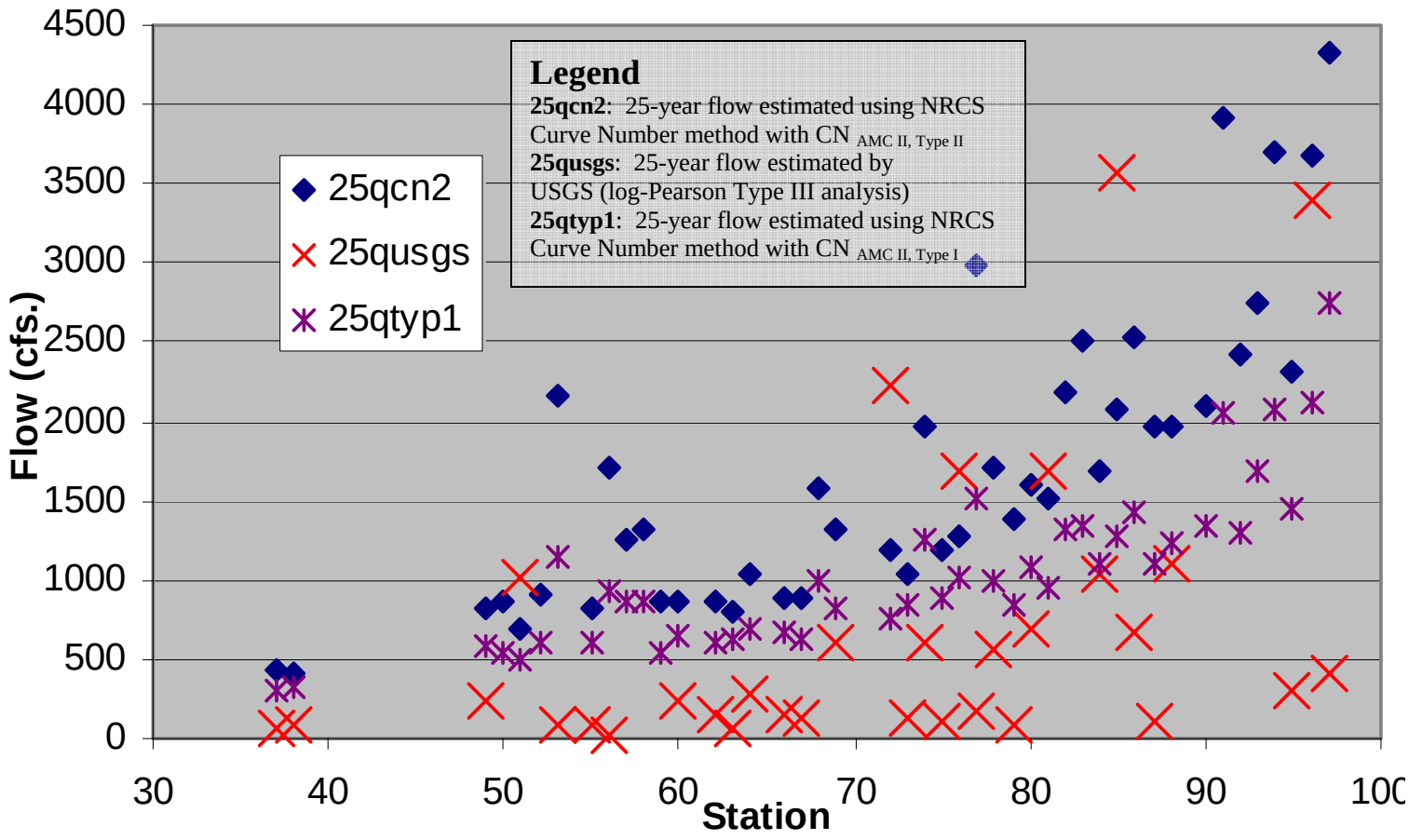


Figure 25. Comparisons of 25-year frequency peak flows estimated by the USGS with 25-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas 3.12 to 10 square miles.

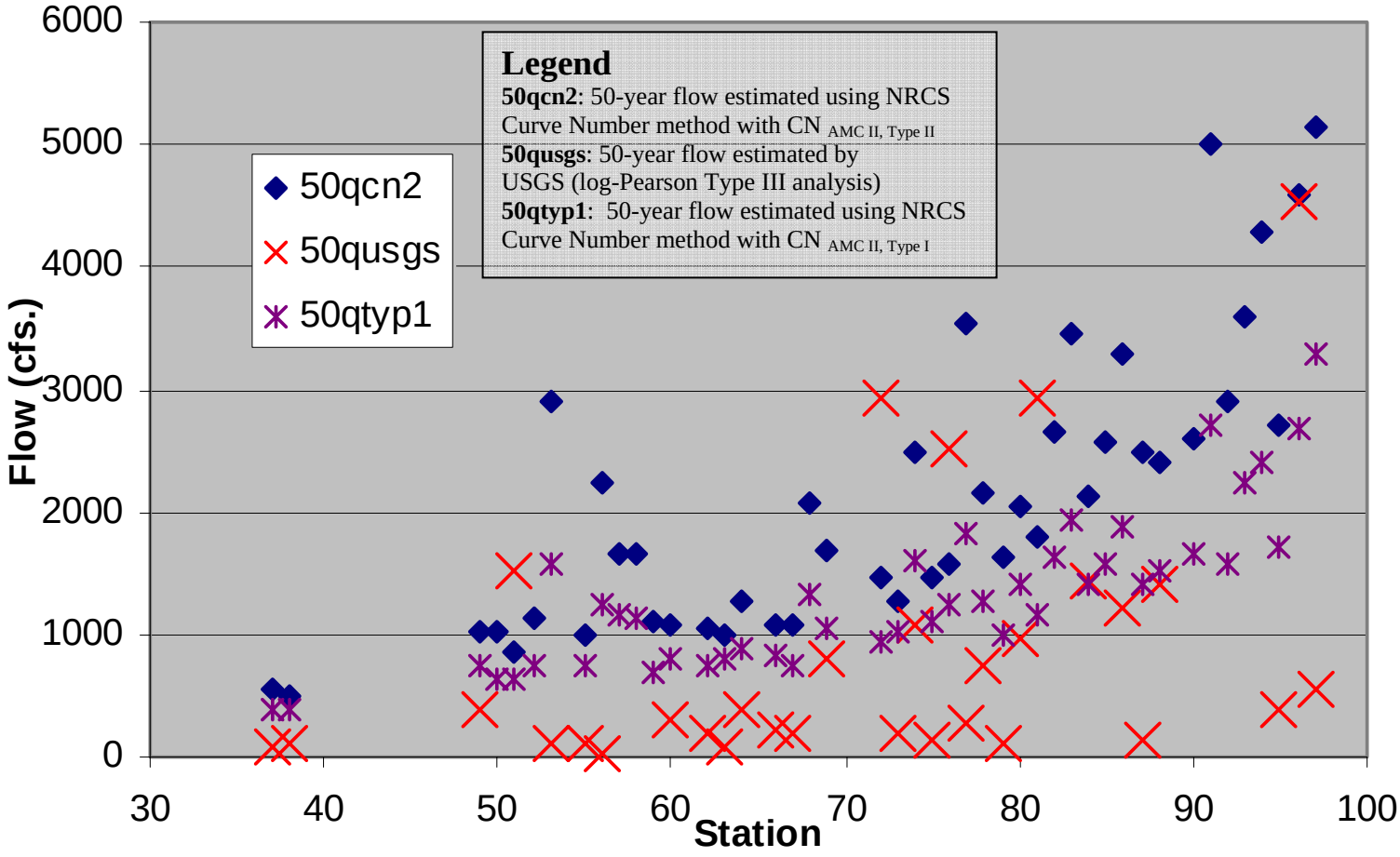


Figure 26. Comparisons of 50-year frequency peak flows estimated by the USGS with 50-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas 3.12 to 10 square miles.

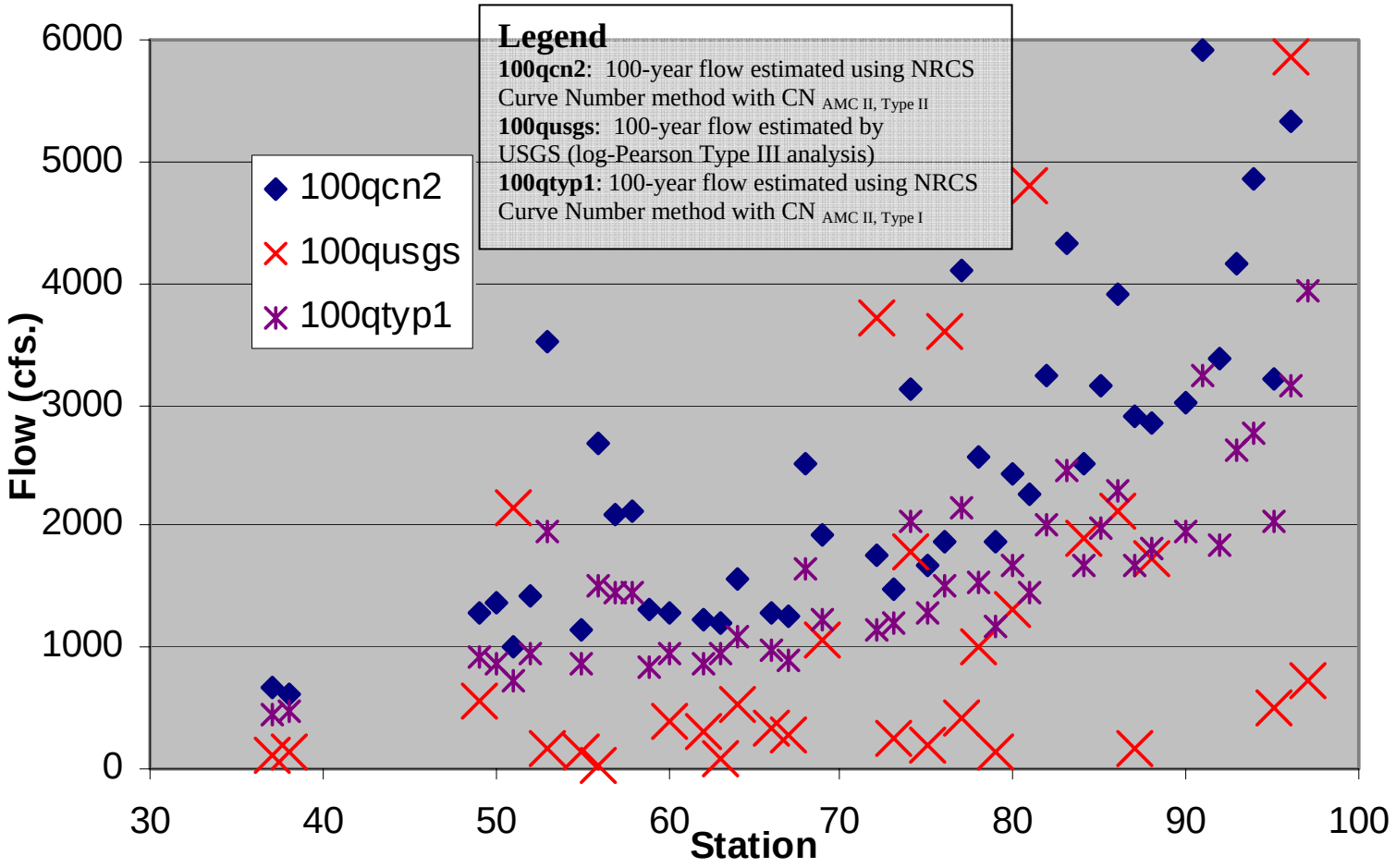


Figure 27. Comparisons of 100-year frequency peak flows estimated by the USGS with 100-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) for selected USGS gaging stations in South Dakota with drainage areas 3.12 to 10 square miles.

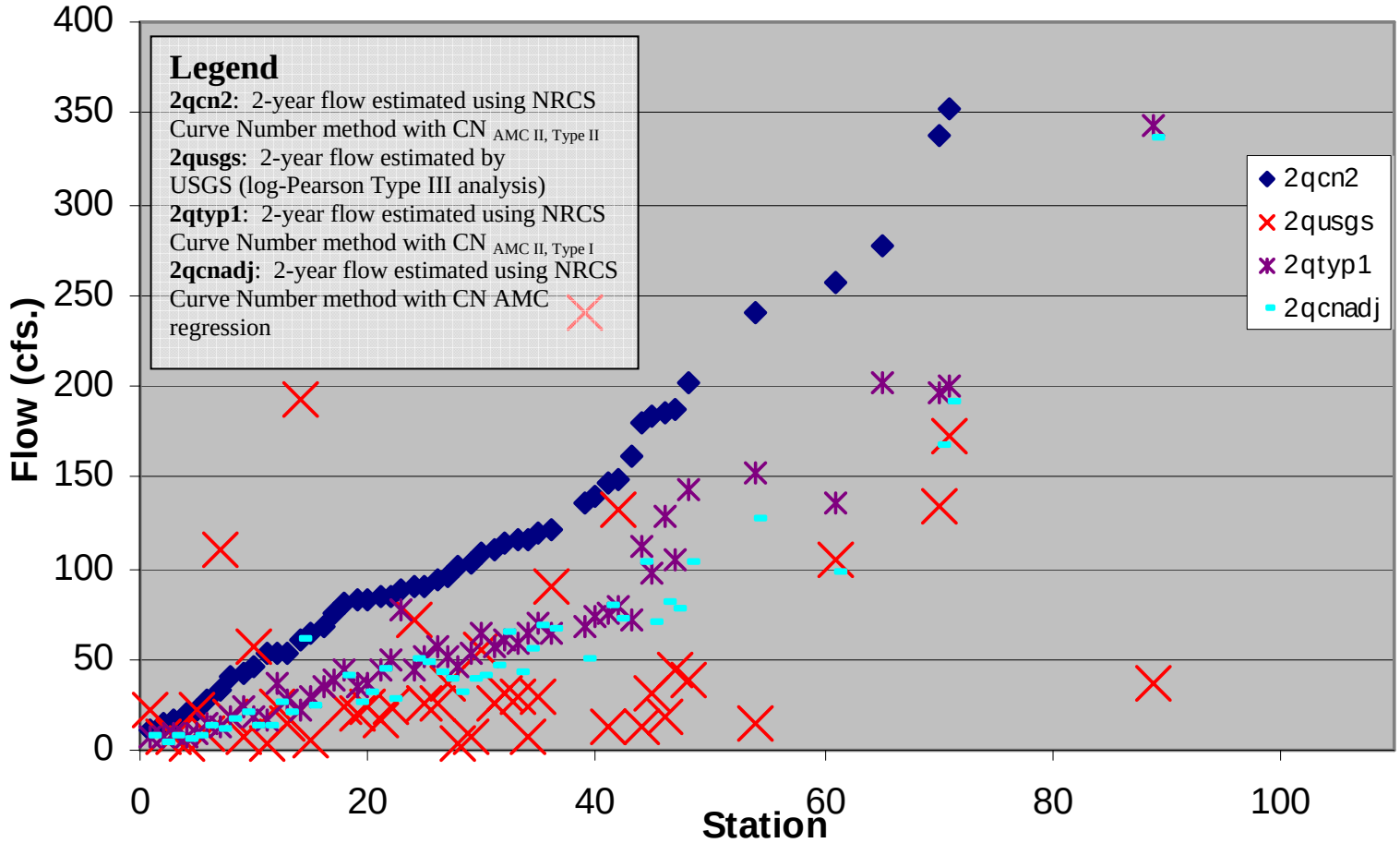


Figure 28. Comparisons of the 2-year frequency peak flows estimated by the USGS with the 2-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas equal or less than 2,000 acres.

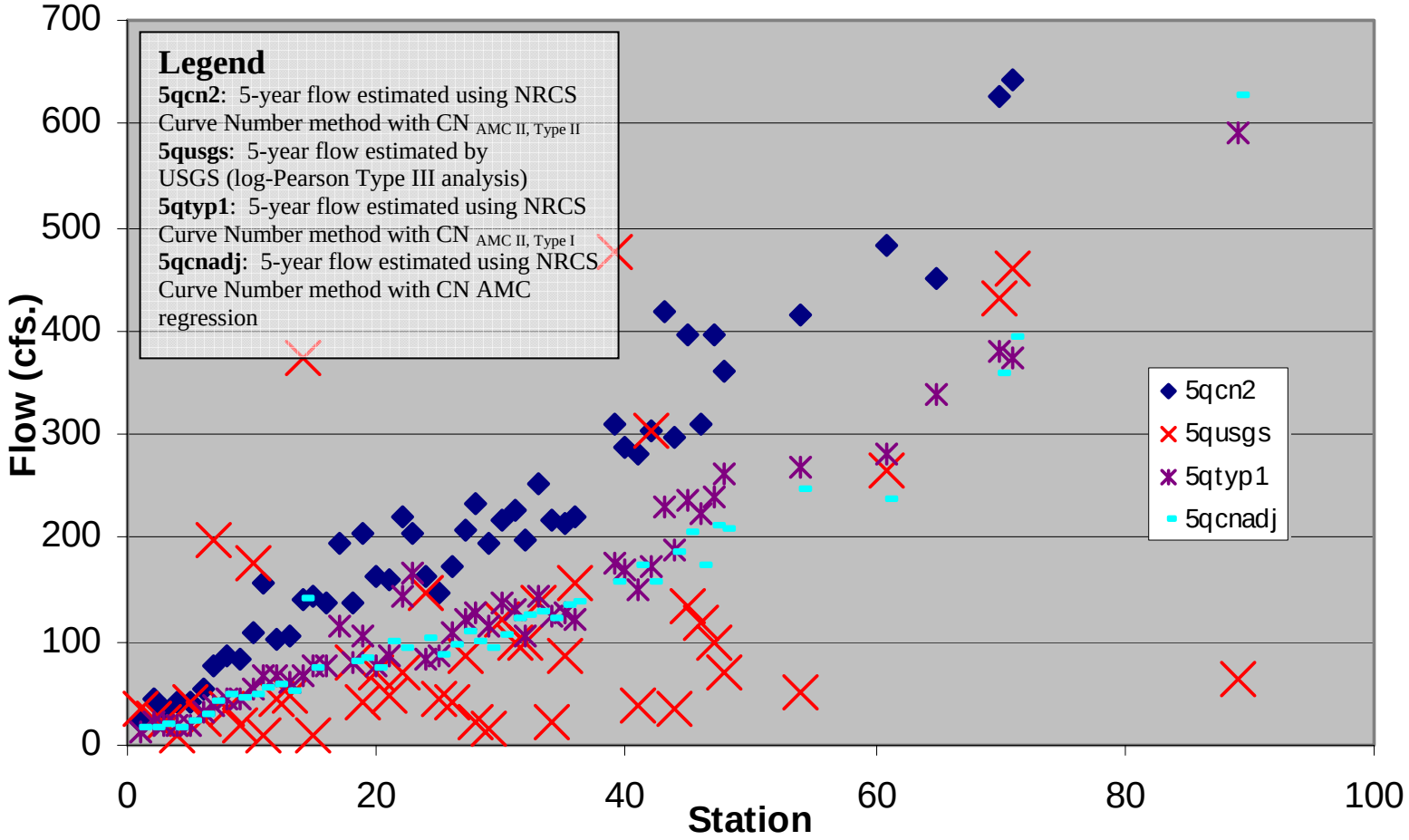


Figure 29. Comparisons of the 5-year frequency peak flows estimated by the USGS with the 5-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas equal or less than 2,000 acres.

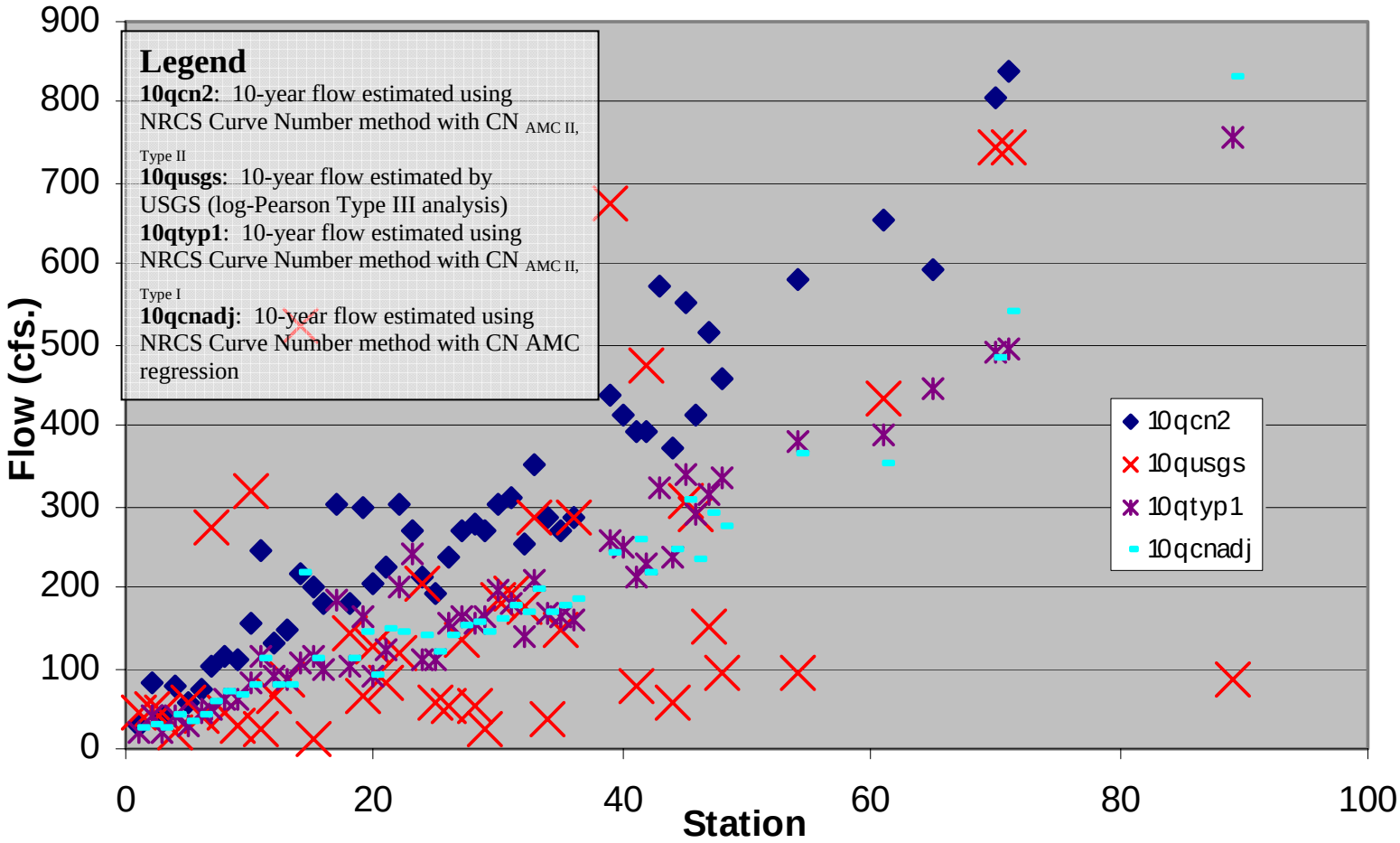


Figure 30. Comparisons of the 10-year frequency peak flows estimated by the USGS with the 10-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas equal or less than 2,000 acres.

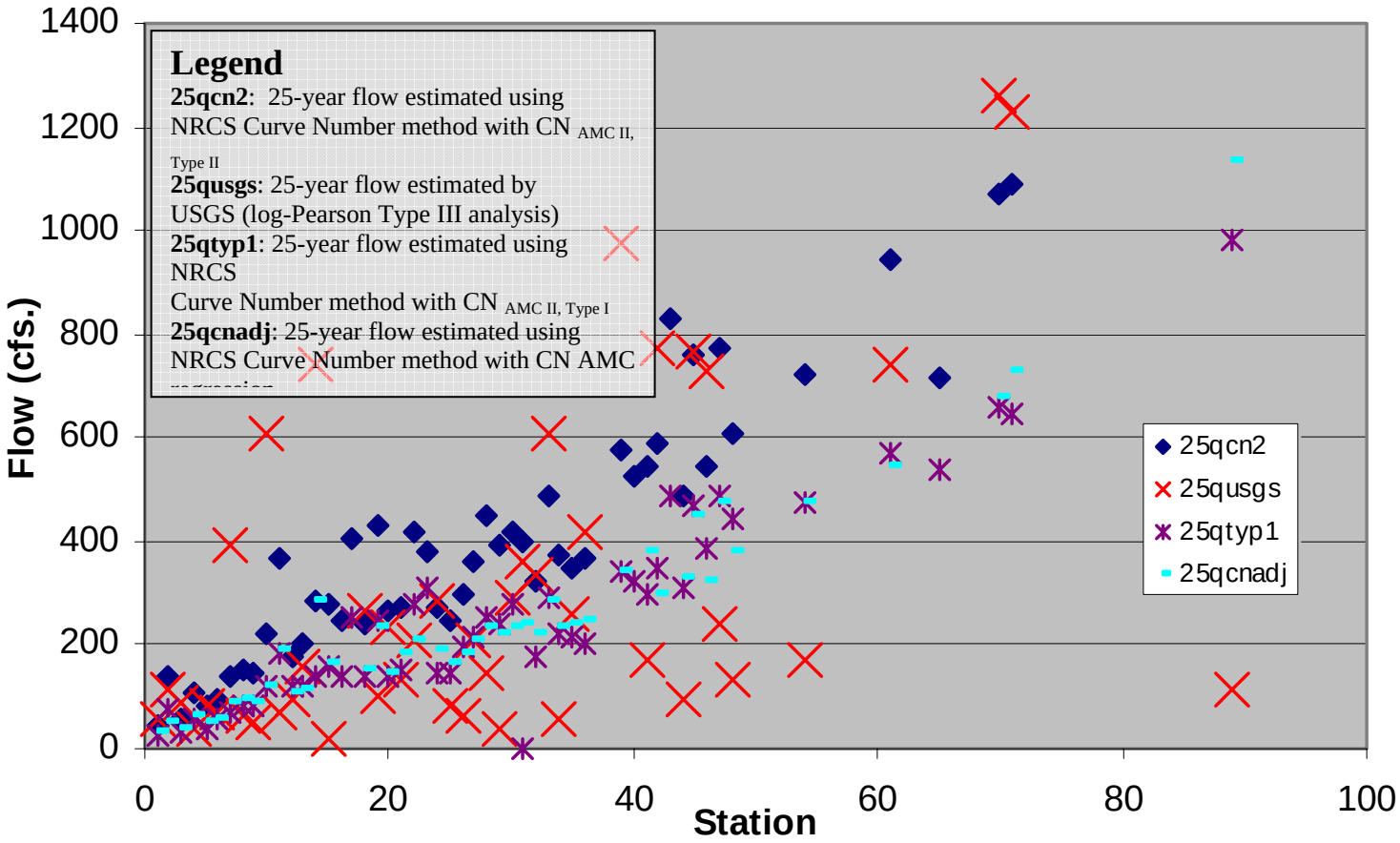


Figure 31. Comparisons of the 25-year frequency peak flows estimated by the USGS with the 25-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas equal or less than 2,000 acres.

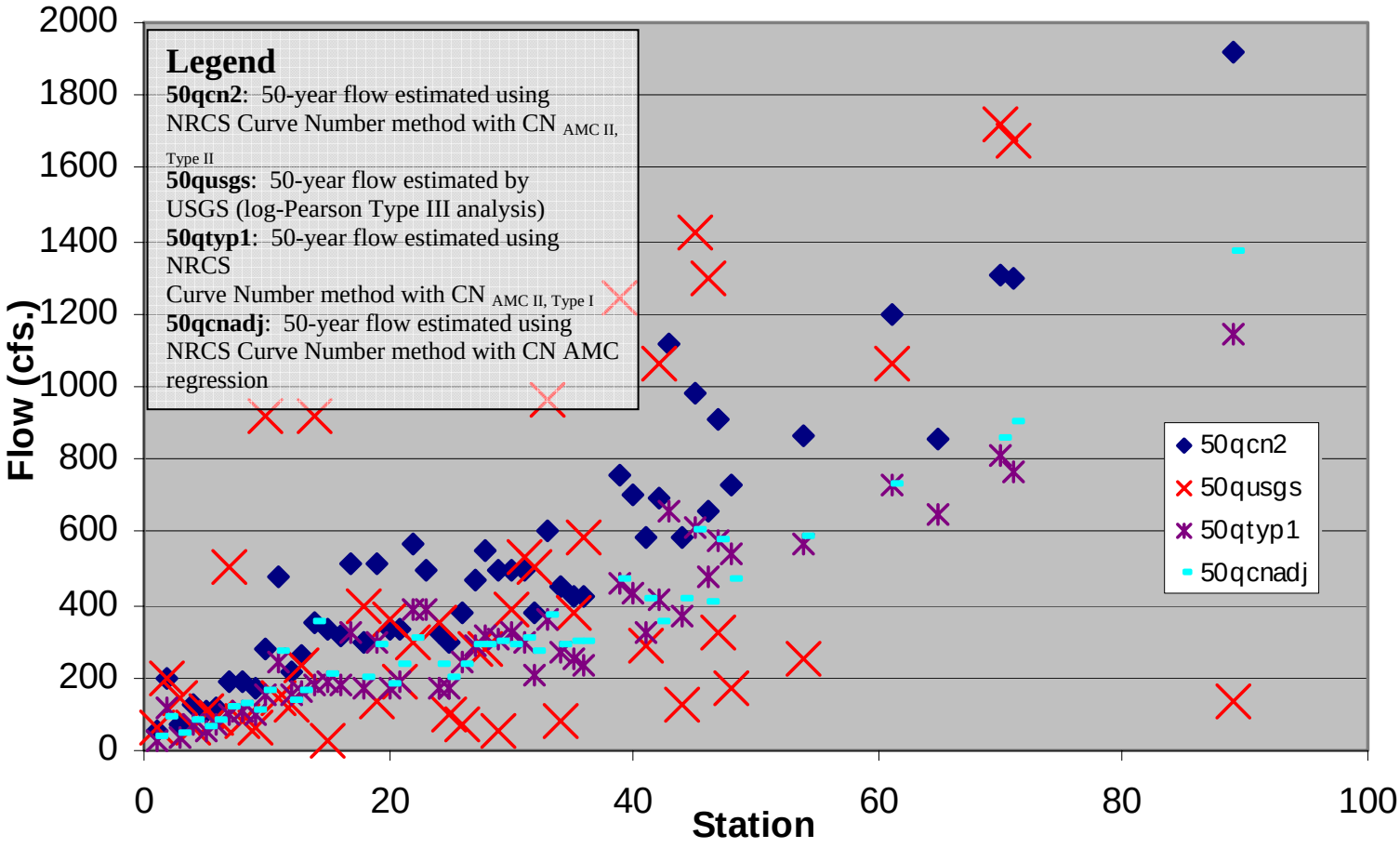


Figure 32. Comparisons of the 50-year frequency peak flows estimated by the USGS with the 50-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas equal or less than 2,000 acres.

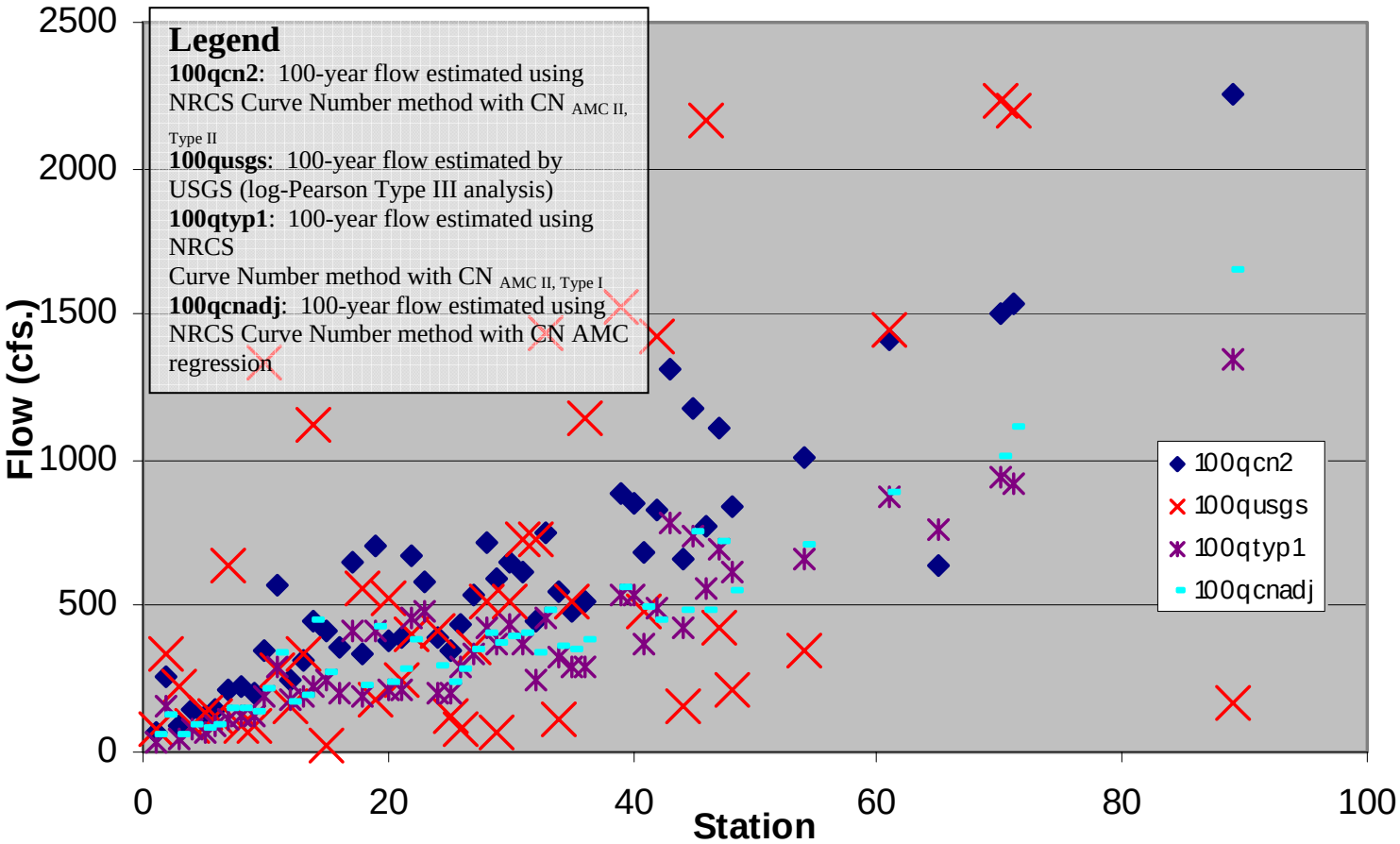


Figure 33. Comparisons of the 100-year frequency peak flows estimated by the USGS with the 100-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas equal or less than 2,000 acres.

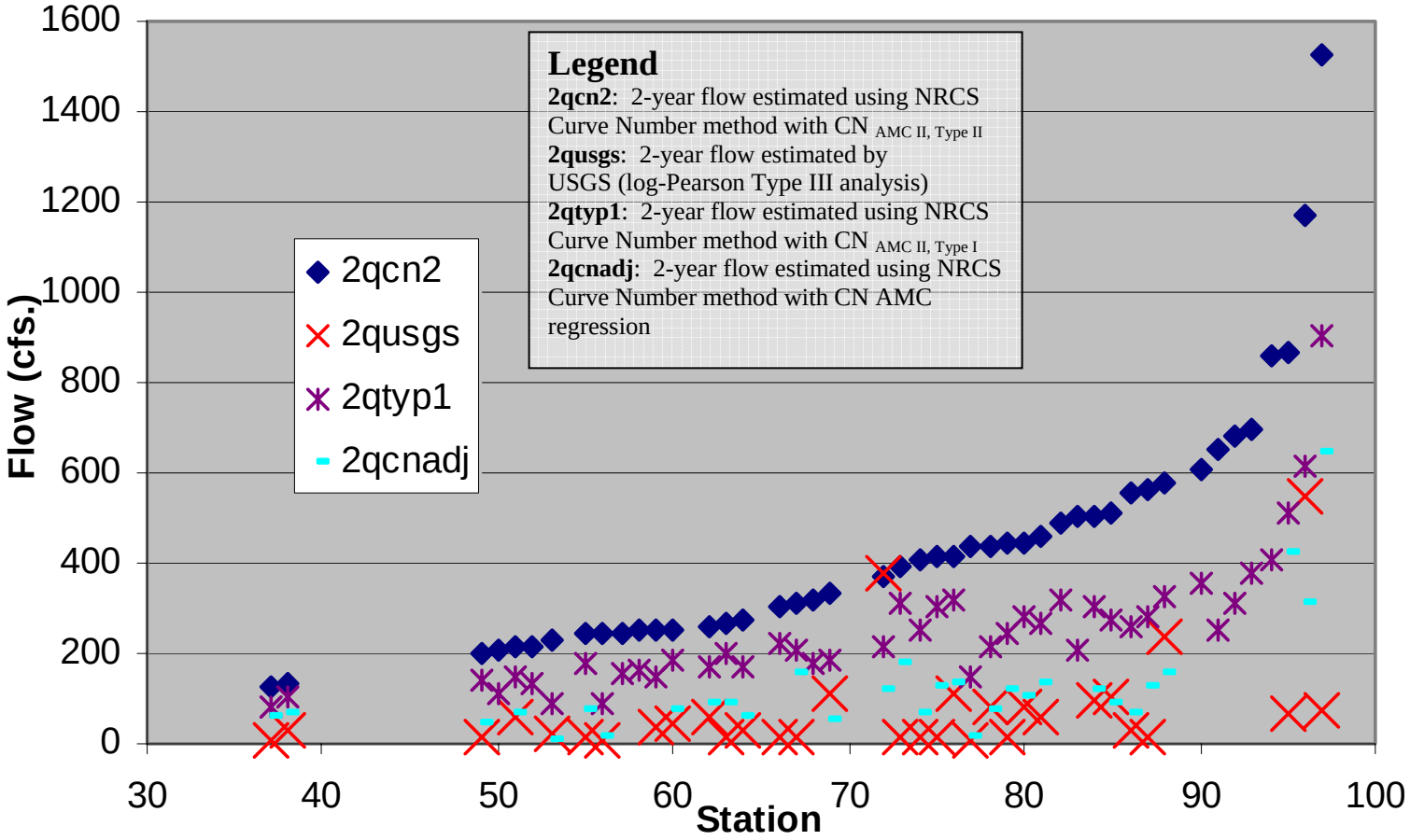


Figure 34. Comparisons of the 2-year frequency peak flows estimated by the USGS with the 2-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas 3.12 to 10 square miles.

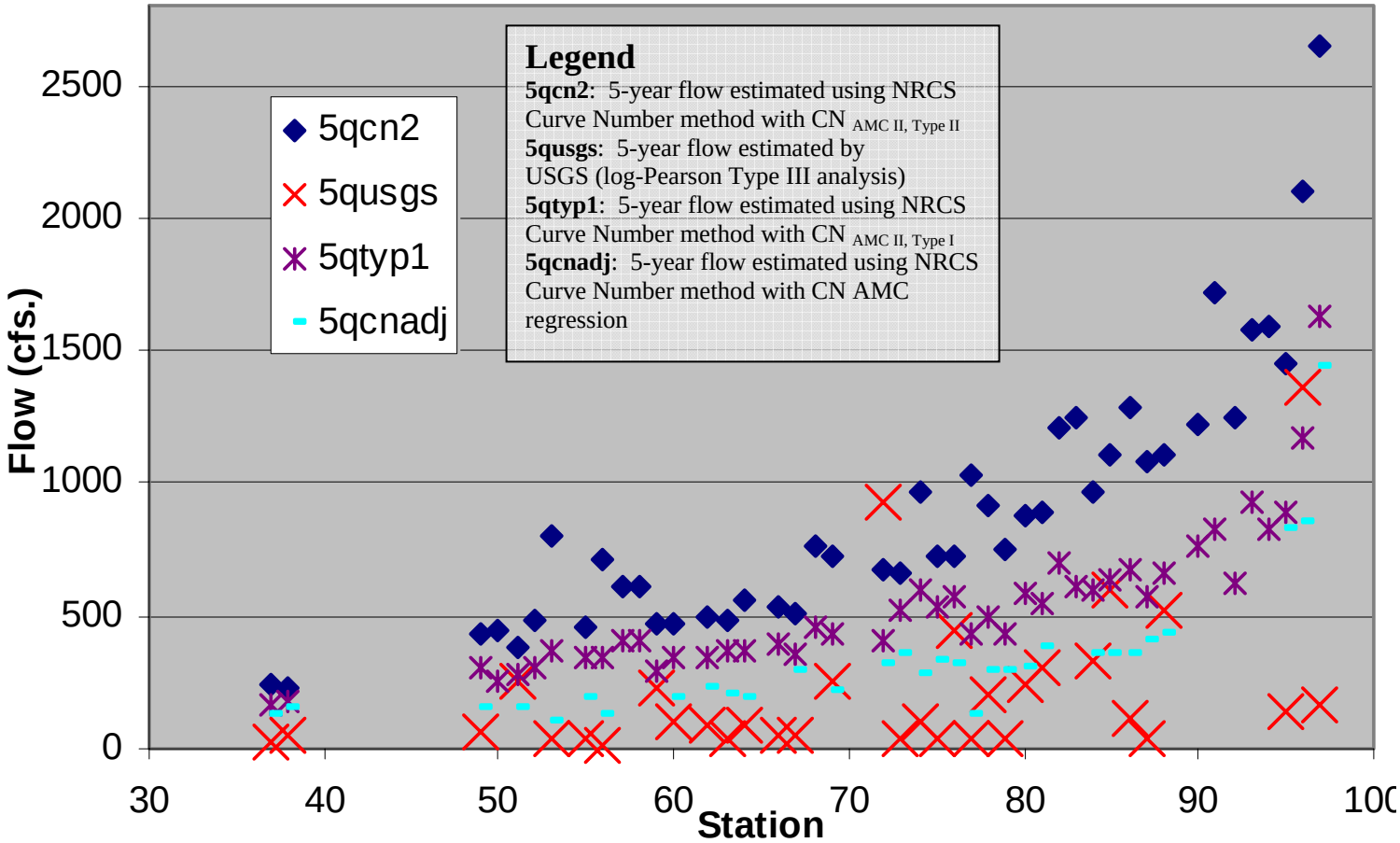


Figure 35. Comparisons of the 5-year frequency peak flows estimated by the USGS with the 5-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas 3.12 to 10 square miles.

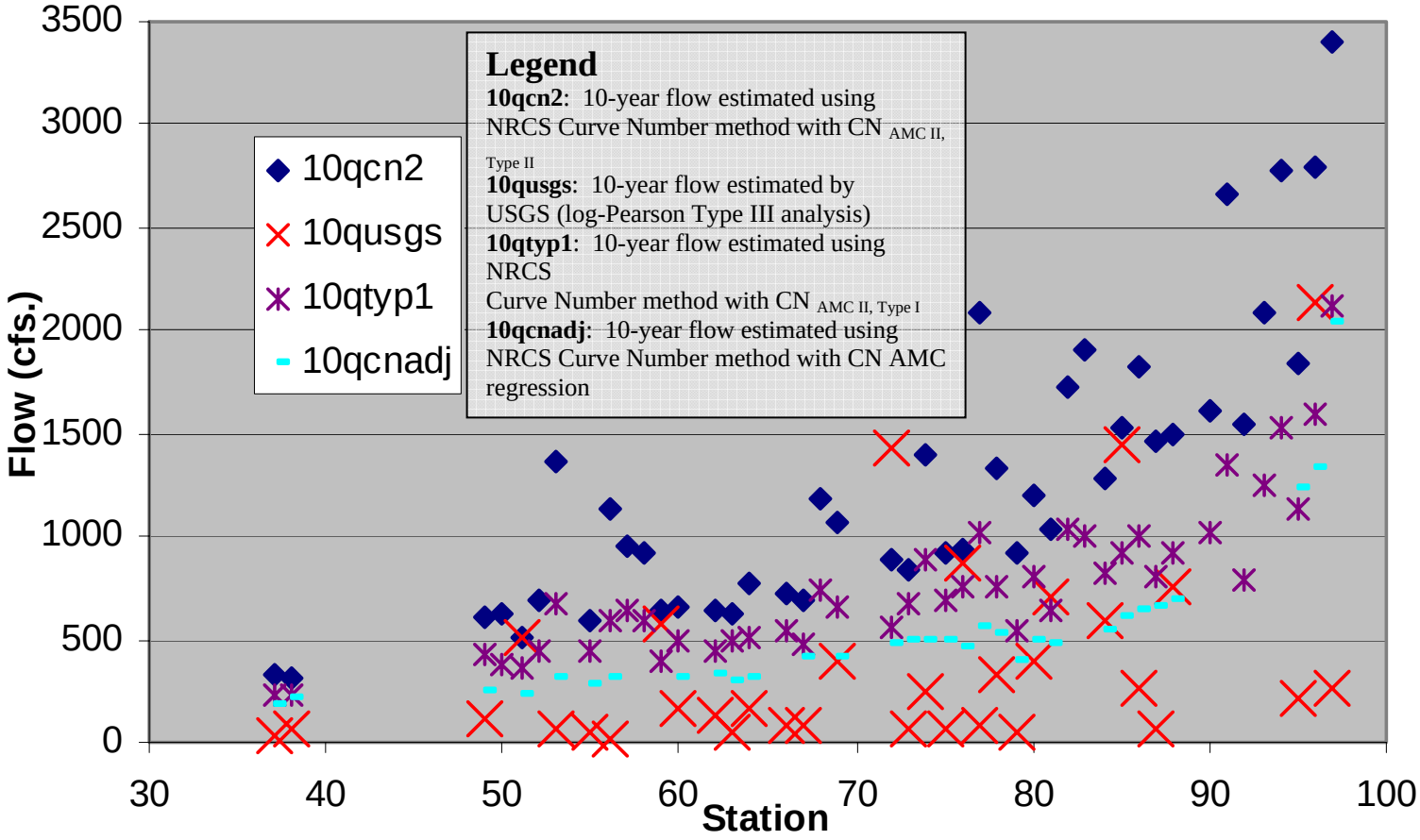


Figure 36. Comparisons of the 10-year frequency peak flows estimated by the USGS with the 10-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas 3.12 to 10 square miles.

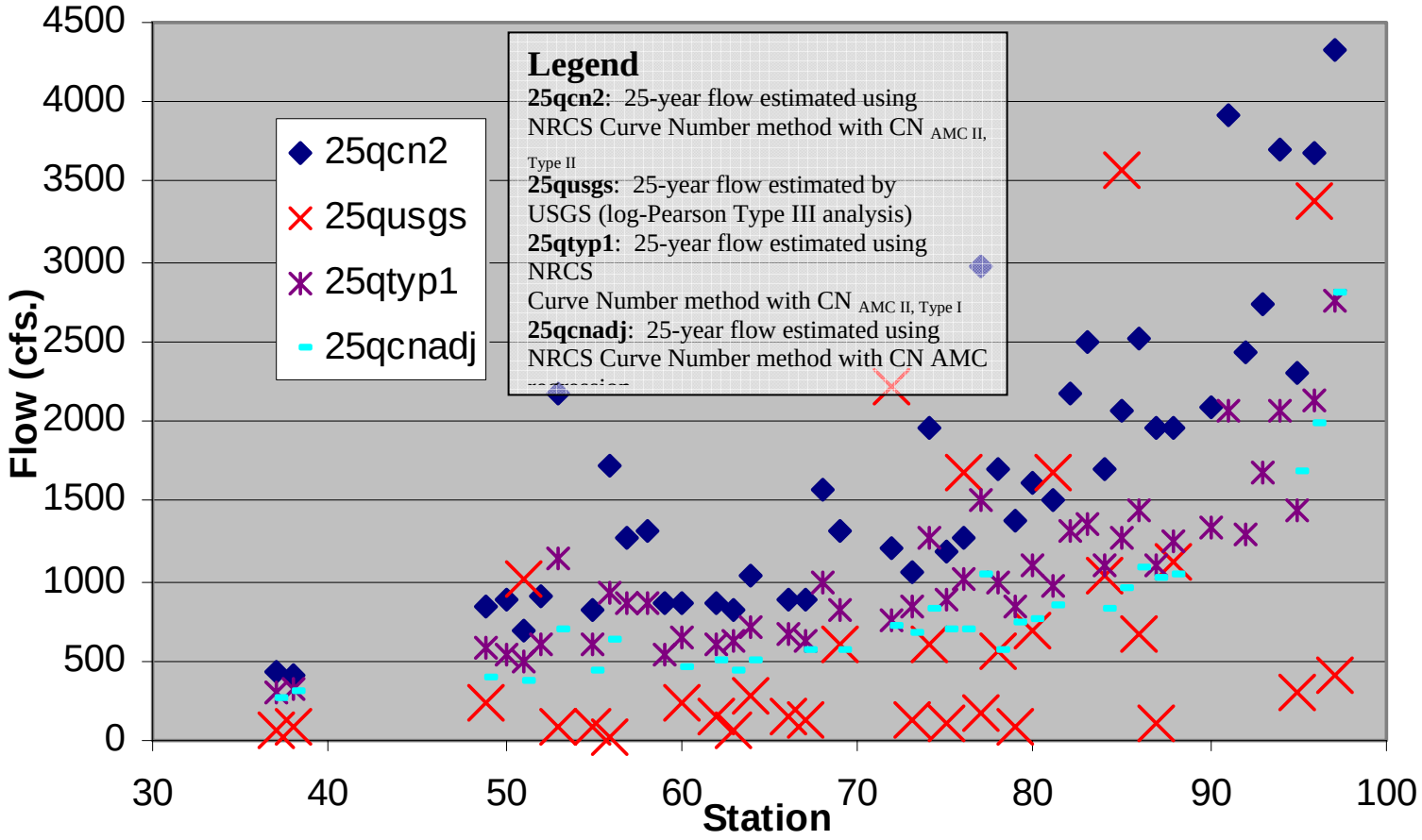


Figure 37. Comparisons of the 25-year frequency peak flows estimated by the USGS with the 25-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas 3.12 to 10 square miles.

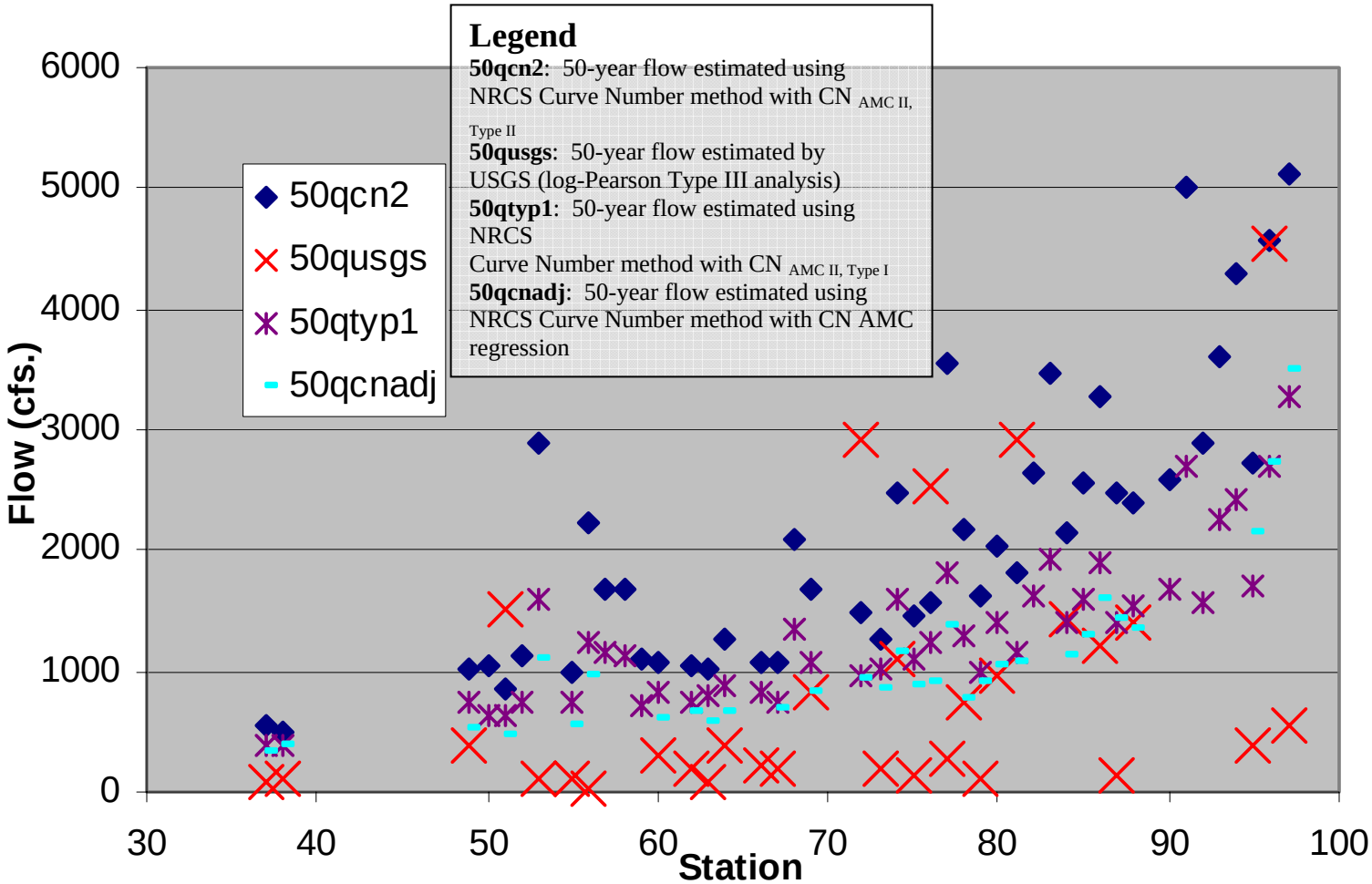


Figure 38. Comparisons of the 50-year frequency peak flows estimated by the USGS with the 50-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas 3.12 to 10 square miles.

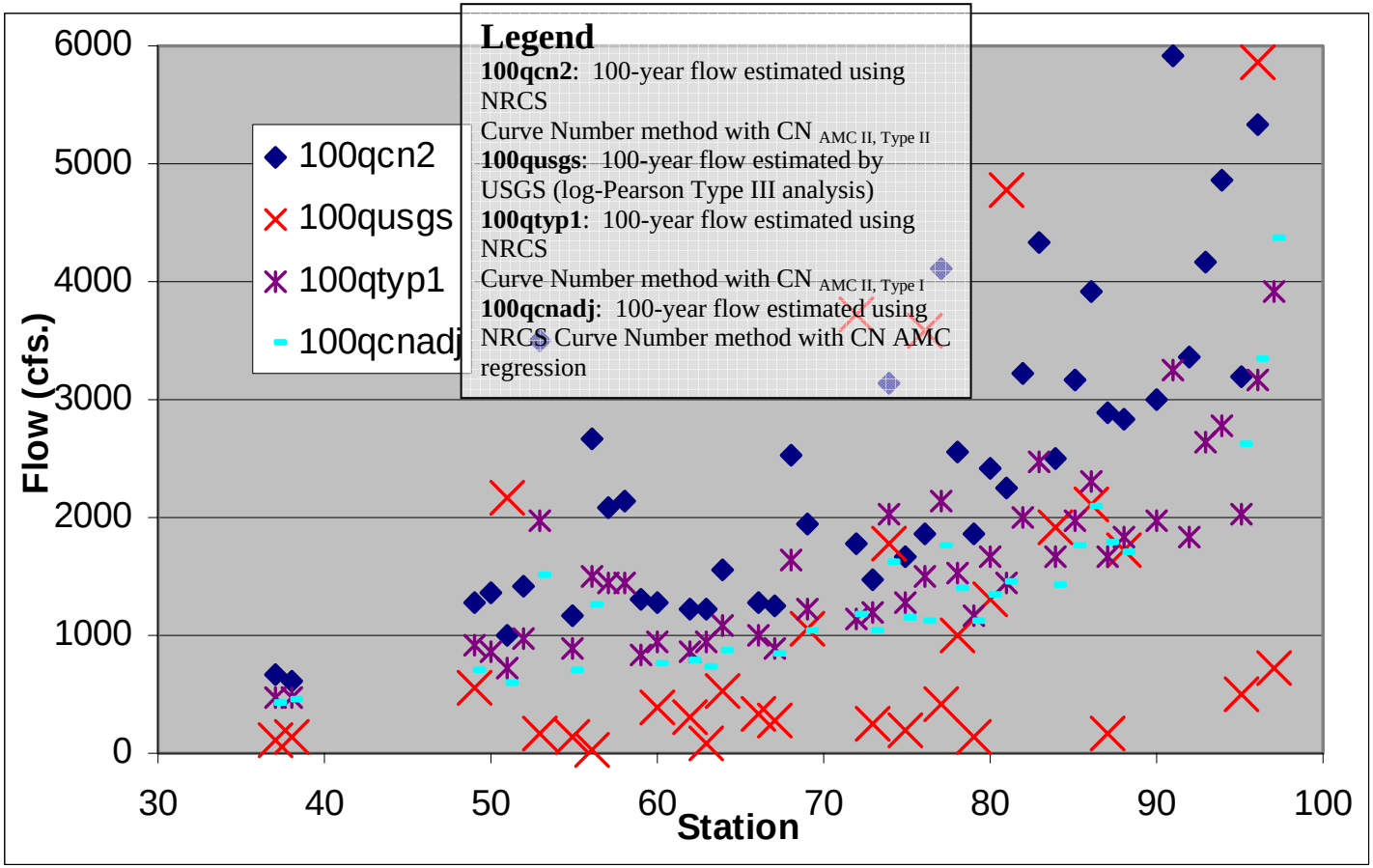


Figure 39. Comparisons of the 100-year frequency peak flows estimated by the USGS with the 100-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and the NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota for drainage areas 3.12 to 10 square miles.

Table 1. Results of the Curve Number AMC regression by region of South Dakota using all available data and for drainage areas equal or less than 2,000 acres.

Region	Rainfall Data Used	r^2	"z" coefficient
1-5	All	0.68	0.74
1	All	0.63	0.70
2	All	0.74	0.78
3	All	0.60	0.69
4	All	0.74	0.76
1-2	All	0.67	0.73
3-4	All	0.67	0.73

$$CN = CN_{AMC\ I} + z\ (CN_{AMC\ II} - CN_{AMC\ I})$$

Table 2. Results of the NRCS Curve Number AMC regression by region of South Dakota using all available data and for drainage areas 3.12 to 10 square miles.

Region	Rainfall Data Used	r^2	"z" coefficient
1-5	All	0.47	0.53
1	All	0.59	0.66
2	All	0.37	0.43
3	All	0.29	0.40
4	All	0.34	0.38
1-2	All	0.48	0.55
3-4	All	0.31	0.39

$$CN = CN_{AMC\ I} + z\ (CN_{AMC\ II} - CN_{AMC\ I})$$

Table 3. Results of the NRCS Curve Number AMC regression by region of South Dakota using rainfall events that equal or exceed the 1-year event and for drainage areas equal or less than 2,000 acres.

Region	Rainfall Data Used	Number of Storm Events (75% of data)	r^2	"z" coefficient
1-5	>= 1-year	136	0.73	0.57
1	>= 1-year	23	0.65	0.48
2	>= 1-year	11	0.57	0.28
3	>= 1-year	42	0.60	0.46
4	>= 1-year	56	0.86	0.73
1-2	>= 1-year	32	0.66	0.42
3-4	>= 1-year	97	0.78	0.63

$$CN = CN_{AMC\ I} + z\ (CN_{AMC\ II} - CN_{AMC\ I})$$

Table 4. Results of the Curve Number AMC regression by region of South Dakota using rainfall events that equal or exceed the 1-year event and for drainage areas 3.12 to 10 square miles.

Region	Rainfall Data Used	Number of Storm Events (75% of data)	r^2	"z" coefficient
1-5	>= 1-year	145	0.40	0.27

$$CN = CN_{AMC\ I} + z\ (CN_{AMC\ II} - CN_{AMC\ I})$$

Table 5. Results of an AMC analysis of 2 and 7 days periods prior to the annual peak flow.

Category	Number of Storm Events	Percent of Total Storm Events	Explanation
"dry2"	793	92	Less than 0.50 in. rainfall in previous 2 days
"ave2"	47	5	0.50 to 1.0 in. rainfall in previous 2 days
"wet2"	26	3	Equal or greater than 1.0 in. rainfall in previous 2 days
"dry7"	566	65	Less than 0.75 in. rainfall in previous 7 days
"ave7"	133	15	0.75 to 1.25 in. rainfall in previous 2 days
"wet7"	167	19	Equal or greater than 1.25 in. rainfall in previous 2 days

Table 6. Comparison of the Curve Numbers estimated using the USGS measured flows and the Curve Numbers estimated using AMC I, II, and III, categorized by the 2 and 7 days rainfall prior to the annual peak flow.

	Percent of Storm Events							
Category	**"dry2"**	**"ave2"**	**"wet2"**	**All**	**"dry2"**	**"ave2"**	**"wet2"**	**all**
$CN_{meas} < CN_{AMC\ I}$	12	1	0.1	13	9	2	1	13
$CN_{AMC\ I} <= CN_{meas} <= CN_{AMC\ II}$	38	2	1	41	28	5	8	41
$CN_{AMC\ II} <= CN_{meas} <= CN_{AMC\ III}$	33	2	1	36	23	6	7	36
$CN_{meas} > CN_{AMC\ III}$	9	1	0.2	10	6	1	3	10

Table 7. Comparisons of the 2-, 5-, 10-, 25-, 50-, and 100-year frequency peak flows estimated by the USGS with the 2-, 5-, 10-, 25-, 50-, and 100-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions and AMC I, Type II rainfall distribution) and USGS regression equations for selected USGS gaging stations in South Dakota with drainage areas equal or less than 2,000 acres.

Frequency	Percent Exceeding			
	qcn2 > qusgs	qcn1 > qusgs	qtyp1 > qusgs	qregr > qusgs
2	87	15	80	48
5	87	20	70	50
10	80	17	57	52
25	63	22	46	50
50	57	20	43	54
100	50	20	35	57
	qcn2 > 0.72 * qusgs	qcn1 > 0.72 * qusgs	qtyp1 > 0.72 * qusgs	qregr > 0.72 * qusgs
2	91	20	83	65
5	89	26	83	72
10	89	28	70	67
25	89	26	57	67
50	78	26	50	70
100	70	28	48	70

Legend

qcn2: flow estimated using NRCS Curve Number method with CN $_{\text{AMC II, Type II}}$

qcn1: flow estimated using NRCS Curve Number method with CN $_{\text{AMC I, Type II}}$

qtyp1: flow estimated using NRCS Curve Number method with CN $_{\text{AMC II, Type I}}$

qusgs: flow estimated by USGS (log-Pearson Type III analysis)

qregr: flow estimated using USGS regression equations

Table 8. Comparisons of the 2-, 5-, 10-, 25-, 50-, and 100-year frequency peak flows estimated by the USGS with the 2-, 5-, 10-, 25-, 50-, and 100-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions and AMC I, Type II rainfall distribution) and USGS regression equations for selected USGS gaging stations in South Dakota with drainage areas 3.12 to 10 square miles.

Frequency	Percent Exceeding			
	qcn2 > qusgs	qcn1 > qusgs	qtyp1 > qusgs	qregr > qusgs
2	97	38	97	63
5	97	59	94	66
10	94	66	81	66
25	84	56	81	56
50	84	56	78	56
100	81	56	78	56
	qcn2 > 0.72 * qusgs	qcn1 > 0.72 * qusgs	qtyp1 > 0.72 * qusgs	qregr > 0.72 * qusgs
2	100	56	97	78
5	100	63	97	81
10	97	69	94	78
25	97	69	94	78
50	84	63	81	69
100	84	66	81	69

Legend

qcn2: flow estimated using NRCS Curve Number method with $CN_{\text{AMC II, Type II}}$

qcn1: flow estimated using NRCS Curve Number method with $CN_{\text{AMC I, Type II}}$

qtyp1: flow estimated using NRCS Curve Number method with $CN_{\text{AMC II, Type I}}$

qusgs: flow estimated by USGS (log-Pearson Type III analysis)

qregr: flow estimated using USGS regression equations

Table 9. Comparisons of the 2-, 5-, 10-, 25-, 50-, and 100-year frequency peak flows estimated by the USGS with the 2-, 5-, 10-, 25-, 50-, and 100-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota with drainage areas equal or less than 2,000 acres.

Frequency	Percent Exceeding		
	qcn2 > qusgs	qtyp1 > qusgs	qcnadj > qusgs
2	87	80	72
5	87	70	65
10	80	57	52
25	63	46	46
50	57	43	46
100	50	35	37
	qcn2 > 0.72 * qusgs	qtyp1 > 0.72 * qusgs	qcnadj > 0.72 * qusgs
2	91	83	80
5	89	83	80
10	89	70	70
25	89	57	57
50	78	50	52
100	70	48	50

Legend

qcn2: flow estimated using NRCS Curve Number method with $CN_{\text{AMC II, Type II}}$

qtyp1: flow estimated using NRCS Curve Number method with $CN_{\text{AMC II, Type I}}$

qcnadj: flow estimated using NRCS Curve Number method with Curve Number AMC regression

qusgs: flow estimated by USGS (log-Pearson Type III analysis)

Table 10. Comparisons of the 2-, 5-, 10-, 25-, 50-, and 100-year frequency peak flows estimated by the USGS with the 2-, 5-, 10, 25-, 50-, and 100-year frequency peak flows estimated using the NRCS Curve Number Method (AMC II, Type I and II rainfall distributions) and NRCS Curve Number AMC regression for selected USGS gaging stations in South Dakota with drainage areas 3.12 to 10 square miles.

Frequency	Percent Exceeding		
	qcn2 > qusgs	qtyp1 > qusgs	qcnadj > qusgs
2	97	97	81
5	97	94	81
10	94	81	77
25	84	81	74
50	84	78	77
100	81	78	68
	qcn2 > 0.72 * qusgs	qtyp1 > 0.72 * qusgs	qcnadj > 0.72 * qusgs
2	100	97	87
5	100	97	87
10	97	94	84
25	91	81	84
50	84	81	84
100	84	81	84

Legend

qcn2: flow estimated using NRCS Curve Number method with $CN_{\text{AMC II, Type II}}$

qtyp1: flow estimated using NRCS Curve Number method with $CN_{\text{AMC II, Type I}}$

qcnadj: flow estimated using NRCS Curve Number method with Curve Number AMC regression

qusgs: flow estimated by USGS (log-Pearson Type III analysis)

Table 11. Rainfall and peak flow data at selected U. S. Geological Survey gaging stations in South Dakota.
Explanation: in., inch; AMC, Antecedent Moisture Condition; cfs., cubic feet per second; sq. mi., square miles; CN, Curve Number.
Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
05051650	Marshall	2/27/1988	0	391049	0: 323113	0	dry1	0	dry2	5: 2/15	1	8.73	70	51	85	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05051650	Marshall	4/3/1989	0.24	391049	0.72 (4/3-4) 323113	0.24	dry1	0.36	dry2	2: 4/4	1	8.73	70	51	85	16	82	0.72	0	0	45	<1	0.7
05051650	Marshall	4/4/1990	0	391049	0: 323113	0	dry1	0.02	dry2	0	1	8.73	70	51	85	1.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05051650	Marshall	6/20/1991	2.25	391049	3.00: 323113	0.13	dry1	0.81	ave2	0	1	8.73	70	51	85	77	57	2.6	452	24	1365	3.5	3.5
05051650	Marshall	6/18/1992	1.92 (6/17-18)	391049	2.46 (6/17-18): 323113	1.33	wet1	1.75	wet2	0	1	8.73	70	51	85	49	59	2.2	265	6	1008	2	2
05051650	Marshall	8/17/1993	0	391049	0: 323113	0	dry1	0.91	ave2	0	1	8.73	70	51	85	480	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05051650	Marshall	3/21/1994	n/a	391049	0: 323113		dry1		dry2	10: 3/15	1	8.73	70	51	85	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05051650	Marshall	3/11/1995	0	391049	0: 323113	0	dry1	1.03	ave2	14	1	8.73	70	51	85	250	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05051650	Marshall	5/18/1996	2.30 (5/17-18)	391049	2.11 (5/17-18): 323113	0.02	dry1	0.63	dry2	0	1	8.73	70	51	85	664	79	2.2	265	6	1008	2	2
05051650	Marshall	4/4/1997	1.30 (4/5)	391049	0: 323113	0	dry1	0	dry2	5: 3/31	1	8.73	70	51	85	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05051650	Marshall	5/12/1998	2.74 (5/11-12)	391049	2.43 (5/11-12): 323113	0	dry1	0.53	dry2	0	1	8.73	70	51	85	133	60	2.6	452	24	1365	3.5	3.5
05051650	Marshall	7/8/1999	2.28	391049	2.05: 323113	0	dry1	0.24	dry2	0	1	8.73	70	51	85	97	63	2.2	265	6	1008	2	2
05051650	Marshall	3/5/2000	0	391049	0: 323113	0	dry1	0	dry2	0	1	8.73	70	51	85	85	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05051650	Marshall	4/12/2001	0.70 (4/11-12)	391049	0.70: 323113	0	dry1	1.44	wet2	0	1	8.73	70	51	85	192	92	0.7	0	0	40	<1	0.7
05051650	Marshall	3/31/2002	0	391049	0: 323113	0	dry1	0.05	dry2	0	1	8.73	70	51	85	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05051650	Marshall	6/24/2003	1.83	391049	2.84: 323113	0.05	dry1	1.67	wet2	0	1	8.73	70	51	85	175	65	2.3	308	10	1099	2	2
05051650	Marshall	5/30/2004	3.12 (5/30-31)	391049	3.57 (5/30-31): 323113	0	dry1	1.17	ave2	0	1	8.73	70	51	85	280	58	3.3	864	104	2035	7	7
											1												0
											1												0
05289950	Roberts	4/27/1970	0.14	398980	n/a	0	dry1	0.54	dry2	7: 4/22	1	4.21	74	55	88	16	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05289950	Roberts	6/29/1971	4.2	398981	n/a	0	dry1	0.93	ave2	0	1	4.21	74	55	88	228	51	4.2	1572	394	2735	25	25
05289950	Roberts	3/16/1972	0	398982	n/a	0.11	dry1	0.11	dry2	12: 3/9	1	4.21	74	55	88	175	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05289950	Roberts	5/24/1973	2.26	398983	n/a	0.08	dry1	0.39	dry2	0	1	4.21	74	55	88	83	63	2.26	353	12	1087	2	2
05289950	Roberts	3/3/1974	0	398984	n/a	0	dry1	0	dry2	4: 3/2	1	4.21	74	55	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05289950	Roberts	6/21/1975	1.33	398985	n/a	0.23	dry1	1.92	wet2	0	1	4.21	74	55	88	44	74	1.33	43	0	402	<1	0.7
05289950	Roberts	3/20/1976	0	398986	n/a	0	dry1	0.02	dry2	4: 3/13	1	4.21	74	55	88	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05289950	Roberts	6/16/1977	3.45	398987	n/a	0	dry1	0	dry2	0	1	4.21	74	55	88	40	48	3.45	1050	174	2085	7.5	7.5
05289950	Roberts	7/1/1978	2.5 (6/30-7/1)	398988	n/a	0	dry1	1.7	wet2	0	1	4.21	74	55	88	315	70	2.5	477	25	1289	2	2
05289950	Roberts	6/20/1979	2.25 (6/19-20)	398989	n/a	0	dry1	1.22	ave2	0	1	4.21	74	55	88	393	75	2.25	353	12	1087	1.6	1.6
											1												0
											1												0
05290300	Roberts	6/15/1970	0.88	39337	1.15: 398116	0.94	ave1	1.17	ave2	0	1	0.95	78	60	90	24	85	1.0	5	0	56	<1	1
05290300	Roberts	6/29/1971	3.65	39337	5.61: 398116	0.00	dry1	0.98	ave2	0	1	0.95	78	60	90	36	51	4.6	336	89	689	38	38
05290300	Roberts	7/26/1972	2.35	39337	3.63: 398116	0.00	dry1	0.96	ave2	0	1	0.95	78	60	90	28	62	3.0	151	23	392	4	4
05290300	Roberts	3/14/1973	0.37	39337	1.02: 398116	0.00	dry1	0.43	dry2	0	1	0.95	78	60	90	40	88	1.0	5	0	56	<1	1
05290300	Roberts	3/3/1974	0.00	39337	0: 3988116	0.00	dry1	0.00	dry2	17: 9 days	1	0.95	78	60	90	8	n/a	snowmelt	n/a	n/a	n/a	n/a	n/a
05290300	Roberts	5/7/1975	0.08	39337	0.17: 398116	0.00	dry1	0.10	dry2	0	1	0.95	78	60	90	15	n/a	0.1	n/a	n/a	n/a	n/a	n/a
05290300	Roberts	3/20/1976	0.00	39337	0: 398116	0.00	dry1	0.00	dry2	6: 8 days	1	0.95	78	60	90	8	n/a	snowmelt	n/a	n/a	n/a	n/a	n/a
05290300	Roberts	7/30/1977	1.51	39337	1.45: 398116	0.00	dry1	2.21	wet2	0	1	0.95	78	60	90	29	74	1.9	52	4	196	1	1
05290300	Roberts	6/30/1978	1.83	39337	1.88: 398116	0.76	ave1	2.05	wet2	0	1	0.95	78	60	90	37	75	1.9	52	4	196	1	1
05290300	Roberts	6/20/1979	2.62	39377	3.11: 398116	0.00	dry1	1.70	wet2	0	1	0.95	78	60	90	53	68	2.9	140	20	374	4	4
											1												0
											1												0
05292600	Grant	4/19/1970	0.00	395536	1.10 (4/18-19): 398932	0.00	dry1	0.00	dry2	0	1	8.14	73	54	87	52.00	78	1.1	15	0	219	<1	1
05292600	Grant	6/29/1971	2.47; 0.98 (6/30)	395536	2.52 (6/28-29): 398932	0.00	dry1	1.07	ave2	0	1	8.14	73	54	87	510.00	75	2.5	445	33	1191	2	2
05292600	Grant	4/12/1972	1.57 (4/12-13)	395536	1.35: 398932	0.00	dry1	0.14	dry2	0	1	8.14	73	54	87	290.00	83	1.5	79	0	448	<1	0.7
05292600	Grant	3/14/1973	0.23	395536	0.73: 398932	0.26	dry1	0.42	dry2	0	1	8.14	73	54	87	101.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05292600	Grant	3/3/1974	0	395536	0.23 (3/14): 398932	0.00	dry1	0.00	dry2	4: 2/26	1	8.14	73	54	87	15.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05292600	Grant	4/15/1975	0.13	395536	0.01: 398932	0.00	dry1	0.66	dry2	9: 4/9	1	8.14	73	54	87	20.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05292600	Grant	3/20/1976	0	395536	0: 398932	0.00	dry1	0.10	dry2	9: 3/13	1	8.14	73	54	87	13.00	n/a	n/a	n/a	n/a	n/a	n/a	n/a
05292600	Grant	6/16/1977	2.21	395536	6.88 (6/15-16): 398932	0.00	dry1	0.00	dry2	0	1	8.14	73	54	87	349.00	51	4.5	1635	482	2793	25	25
05292600	Grant	5/29/1978	1.55	395536	1.54: 398932	0.02	dry1	0.13	dry2	0	1	8.14	73	54	87	68.00	71	1.55	90	0	483	<1	0.7
05292600	Grant	6/20/1979	1.76	395536	1.80: 398932	0.00	dry1	1.56	wet2	0	1	8.14	73	54	87	105.00	70	1.8	159	1	649	<1	0.7
																							0
																							0
06354845	McPherson	6/12/1970	0.98	392797	none	0.22	dry1	0.26	dry2	0	2	0.99	77	59	89	3	74	0.98	6	0	72	<1	0.7
06354845	McPherson	6/17/1971	1.57	392797	none	0	dry1	0.35	dry2	0	2	0.99	77	59	89	188	88	1.57	39	1	198	<1	0.7
06354845	McPherson	5/5/1972	0.50	392797	none	0	dry1	2.13	wet2	0	2	0.99	77	59	89	20	92	0.5	0	0	6	<1	0.7
06354845	McPherson	9/3/1973	1.59	392797	none	1.04	wet1	1.04	ave2	0	2	0.99	77	59	89	91	82	1.59	40	1	203	<1	0.7
06354845	McPherson	10/12/1973	1.1	392797	none	1.65	wet1	1.65	wet2	0	2	0.99	77	59	89	100	89	1.1	9	0	94	<1	0.7
06354845	McPherson	4/29/1975	0.56	392797	none	0.09	dry1	0.42	dry2	0	2	0.99	77	59	89	2	83	0.56	0	0	11	<1	0.7
06354845	McPherson	6/12/1977	0	392797	none	0.95	ave1	1.22	ave2	0	2	0.99	77	59	89	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06354845	McPherson	6/26/1978	2.31	392797	none	0	dry1	0.05	dry2	0	2	0.99	77	59	89	90	74	2.31	124	12	392	2	2
06354845	McPherson	4/1/1979; ?4/12	0.88	392797	none	0.03	dry1	0	dry2	0	2	0.99	77	59	89	50	88	0.88	4	0	55	<1	0.7
																							0
																							0

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06355400	Perkins	6/12/1970	1.65	392614	1.40: 394864	0.2	dry1		dry2	0	4	3.06	78	60	90	127	79	1.5	105	2	552	1	1
06355400	Perkins	7/12/1971	0.4	392614	1.48: 394864	0	dry1	0.2	dry2	0	4	3.06	78	60	90	219	83	1.5	105	2	552	1	1
06355400	Perkins	5/28/1972	Missing	392614	3.03: 394864 (5/25)		dry1		dry2	0	4	3.06	78	60	90	42		n/a				n/a	n/a
06355400	Perkins	6/2/1973	2.7	392614	0.87: 394864	0	dry1	Missing	wet2	0	4	3.06	78	60	90	67	71	1.8	191	11	765	1.5	1.5
06355400	Perkins	6/1/1974	0	392614	0: 394864	0.05	dry1	0.82	ave2	0	4	3.06	78	60	90	38		n/a				n/a	n/a
06355400	Perkins	4/28/1975	2.61	392614	1.69: 394864	0.02	dry1	0.2	dry2	0	4	3.06	78	60	90	104	69	2.2	326	30	1068	3	3
06355400	Perkins	6/15/1976	2.54	392614	1.1: 394864	0	dry1	0.3	dry2	0	4	3.06	78	60	90	3	56	1.8	191	11	765	1.5	1.5
06355400	Perkins	9/7/1977	0.78	392614	0.46: 394864		dry1	0.95	ave2	0	4	3.06	78	60	90	65	90	0.6	0	0	57	<1	0.7
06355400	Perkins	6/25/1978	1.4	392614	2.08: 394864	0	dry1	0	dry2	0	4	3.06	78	60	90	370	84	1.7	160	7	692	1.2	1.2
06355400	Perkins	8/27/1979	Missing	392614	0.12: 394864		dry1		dry2	0	4	3.06	78	60	90	847	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											4												0
											4												0
06356150	Harding	4/25/1970	0	395048		0	dry1	0.98	ave2	20: 9 days	4	1.69	75	57	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06356150	Harding	6/4/1971	1.5	395048		0.2	dry1	1.54	wet2	0	4	1.69	75	57	88	17	70	1.5	40	0	292	1	1
06356150	Harding	5/9/1972	0.53	395048	0.42: 396907	0.15	dry1	0.35	dry2	0	4	1.69	75	57	88	11	88	0.53	0	0	10	<1	0.7
06356150	Harding	4/20/1973	2.78	395048	2.66: 396907	0	dry1	0.1	dry2	0	4	1.69	75	57	88	41	60	2.7	273	28	842	9	9
06356150	Harding	3/13/1974	0	395048			dry1		dry2	Missing	4	1.69	75	57	88	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06356150	Harding	4/28/1975	1.49	395048	2.20: 396907	0.1	dry1	0.18	dry2	Missing	4	1.69	75	57	88	19	65	1.8	83	3	417	2	2
06356150	Harding	6/14/1976	2.35	395048	3.00: 396907	0.54	ave1	0.71	dry2	0	4	1.69	75	57	88	15	57	2.35	192	17	670	5	5
06356150	Harding	4/7/1977	0	395048	0: 396907	0	dry1	0.04	dry2	0	4	1.69	75	57	88	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06356150	Harding	6/25/1978	2.21	395048	1.53: 396907	0	dry1	0	dry2	0	4	1.69	75	57	88	145	78	1.9	101	5	461	2	2
06356150	Harding	May-79	n/a	395048			dry1		dry2		4	1.69	75	57	88	33	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											4												0
											4												0
06356600	Perkins	5/30/1970	Missing	390701	1.00: 394955	0	dry1	0.56	dry2	0	4	1.00	79	62	91	5	76	1	8	0	95	<1	0.7
06356600	Perkins	6/4/1971	0.52	390701	1.12: 6/4-5: 394955	0	dry1	0.48	dry2	0	4	1.00	79	62	91	80	93	0.8	4	0	57	<1	0.7
06356600	Perkins	5/25/1972	0.05	390701		0.02	dry1	0.56	dry2	0	4	1.00	79	62	91	14	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06356600	Perkins	4/20/1973	1.53	390701		0	dry1	0	dry2	0	4	1.00	79	62	91	30	77	1.53	44	2	216	2	2
06356600	Perkins	8/23/1974	1.00: 8/24	390701		0	dry1	0	dry2	0	4	1.00	79	62	91	14	81	1	8	0	95	<1	0.7
06356600	Perkins	4/28/1975	2.8	390701	2.61: 394955	0	dry1	0.54	dry2	0	4	1.00	79	62	91	30	63	2.7	192	27	520	5	5
06356600	Perkins	7/3/1976	Missing	390701	2.73: 394955	0: 394955	wet1	0.2: 394955	wet2	0	4	1.00	79	62	91	32	63	2.73	197	29	528	5	5
06356600	Perkins	7/6/1977	1.95	390701	1.42: 394955	0	dry1	0.09	dry2	0	4	1.00	79	62	91	70	80	1.7	62	4	259	1.3	1.3
06356600	Perkins	6/29/1978	0.83: 6/29-30	390701	0.15: 394955	0	dry1	1.03	ave2	0	4	1.00	79	62	91	183	97	0.8	4	0	57	<1	0.7
06356600	Perkins	Apr-79	n/a	390701			dry1		dry2		5	1.00	79	62	91	90	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0
06358320	Corson		No USGS peak flow data on web.				dry1		dry2		3	2.18	need USGS peak flow dat				n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0
06358350	Corson		No USGS peak flow data on web.				dry1		dry2		3	1.98	need USGS peak flow dat				n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06358400	Corson		No USGS peak flow data on web.				dry1		dry2		3	0.15	need USGS peak flow dat				n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06358520	Corson	3/18/1956	0.04	395691	n/a	0	dry1	0.01	dry2	3 : 3 days	3	0.30	84	68	93	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358520	Corson	May-57	1.76: 5/25	395691	n/a	0	dry1	2	wet2		3	0.30	84	68	93	51	82	1.76	64	5	164	1	1
06358520	Corson	3/24/1958	0	395691	n/a		dry1		dry2	1	3	0.30	84	68	93	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358520	Corson	Mar-59	n/a	395691	n/a		dry1		dry2		3	0.30	84	68	93	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358520	Corson	Mar-60	n/a	395691	n/a		dry1		dry2		3	0.30	84	68	93	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358520	Corson	Mar-61	0.43: 3/26	395691	n/a	0	dry1	0	dry2	0	3	0.30	84	68	93	6	92	0.43	0	0	8	<1	0.7
06358520	Corson	2/6/1962	n/a	395691	n/a		dry1		dry2	5: 9 days	3	0.30	84	68	93	33	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358520	Corson	5/1/1963	0.06	395691	n/a	0.01	dry1	0.16	dry2	0	3	0.30	84	68	93	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358520	Corson	6/17/1964	3.1: 6/18	395691	n/a	0.01	dry1	0.61	dry2	0	3	0.30	84	68	93	180	83	3.1	193	51	352	7.5	7.5
06358520	Corson	May-65	0.99: 5/8-9	395691	n/a	0	dry1	0.1	dry2	0	3	0.30	84	68	93	9	83	0.99	12	0	63	<1	0.7
06358520	Corson	Apr-66	0.72: 4/26-27	395691	n/a	0	dry1	0.13	dry2	0	3	0.30	84	68	93	1	80	0.72	3	0	33	<1	0.7
06358520	Corson	6/18/1967	0.6	395691	n/a	0	dry1	2.14	wet2	0	3	0.30	84	68	93	18	92	0.6	2	0	22	<1	0.7
06358520	Corson	6/30/1968	0.92	395691	n/a	0.12	dry1	0.86	ave2	0	3	0.30	84	68	93	10	84	0.92	9	0	55	<1	0.7
06358520	Corson	8/4/1969	0.64	395691	n/a	0	dry1	0.09	dry2	0	3	0.30	84	68	93	16	91	0.64	2	0	25	<1	0.7
06358520	Corson	4/21/1970	0.06	395691	n/a	0.13	dry1	2.46	wet2	16: 8 days	3	0.30	84	68	93	18		n/a	n/a	n/a	n/a	n/a	n/a
06358520	Corson	5/23/1971	2.51	395691	n/a	0.02	dry1	0.2	dry2	0	3	0.30	84	68	93	13	64	2.51	132	25	268	4	4
06358520	Corson	5/1/1972	3.13	395691	n/a	0	dry1	0.17	dry2	0	3	0.30	84	68	93	18	60	3.13	196	52	356	7.5	7.5
06358520	Corson	5/26/1973	2.12	395691	n/a	0.14	dry1	0.17	dry2	0	3	0.30	84	68	93	32	75	2.12	95	12	213	2	2
06358520	Corson	10/11/1973	1.65	395691	n/a	0.67	ave1	0.67	dry2	0	3	0.30	84	68	93	19	76	1.65	55	4	149	1	1
06358520	Corson	5/6/1975	0.35	395691	n/a	0	dry1	0.45	dry2	0	3	0.30	84	68	93	77		n/a	n/a	n/a	n/a	n/a	n/a
06358520	Corson	6/15/1976	2.3	395691	n/a	0.12	dry1	0.13	dry2	0	3	0.30	84	68	93	4	60	2.3	111	18	238	3.5	3.5
06358520	Corson	9/23/1977	1.13	395691	n/a	0.23	dry1	2.58	wet2	0	3	0.30	84	68	93	23	85	1.13	20	1	81	<1	0.7
06358520	Corson	5/11/1978	0.78	395691	n/a	0.03	dry1	0.78	ave2	0	3	0.30	84	68	93	20	90	0.78	4	0	39	<1	0.7
06358520	Corson	7/1/1979	1.98	395691	n/a	0	dry1	0.13	dry2	0	3	0.30	84	68	93	79	84	1.98	82	9	194	2	2
06358520	Corson	6/2/1980	0.41	395691	n/a	0.15	dry1	0.24	dry2	0	3	0.30	84	68	93	109		n/a	n/a	n/a	n/a	n/a	n/a
											3												0
											3												0

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06358540	Corson	9/7/1970	1.03	397545	n/a	0	dry1	0	dry2	0	3	0.62	76	58	89	7	79	1.03	4	0	59	<1	0.7
06358540	Corson	6/17/1971	2.21	397545	n/a	0	dry1	0.2	dry2	0	3	0.62	76	58	89	9	61	2.21	74	6	266	2.5	2.5
06358540	Corson	5/1/1972	1.54	397545	n/a	0.01	dry1	0.25	dry2	0	3	0.62	76	58	89	2	63	1.54	22	0	139	<1	0.7
06358540	Corson	3/14/1973	0	397545	n/a		dry1		dry2	1	3	0.62	76	58	89	4		n/a	n/a	n/a	n/a	n/a	n/a
06358540	Corson	6/21/1975	0.03	397545	n/a	0.57	ave1	0.9	ave2	0	3	0.62	76	58	89	10		n/a	n/a	n/a	n/a	n/a	n/a
06358540	Corson	6/15/1976	4.1	397545	n/a	0.08	dry1	0	dry2	0	3	0.62	76	58	89	5		n/a	n/a	n/a	n/a	n/a	n/a
06358540	Corson	6/26/1978	2.3	397545	n/a	0.07	dry1	0.07	dry2	0	3	0.62	76	58	89	21	66	2.3	82	7	284	3	3
06358540	Corson	7/1/1979	1.01	397545	n/a	0	dry1	0.02	dry2	0	3	0.62	76	58	89	5.6	78	1.01	4	0	56	<1	0.7
																							0
																							0
06358550	Butte	7/8/1969	3.45: 2 days	390537	2.42: 397062	0	dry1	0.04	dry2	0	4	1.57	83	67	93	430	81	2.9	521	117	1106	20	20
06358550	Butte	6/12/1970	0.92	390537	1.19: 397062	0.19	dry1	0	dry2	0	4	1.57	83	67	93	60	87	0.92	23	0	188	<1	0.7
06358550	Butte	6/4/1971	0.18	390537	0.19: 397062	0	dry1	0	dry2	0	4	1.57	83	67	93	97	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358550	Butte	6/25/1972	0.41	390537	0.47: 397062	0	dry1	0.79	ave2	0	4	1.57	83	67	93	53.6	95	0.41	0	0	24	<1	0.7
06358550	Butte	4/20/1973	Missing	390537	1.65: 397062	0.04: 7062	wet1	0.07: 7062	wet2	0	4	1.57	83	67	93	40	74	1.65	160	14	512	2	2
06358550	Butte	7/20/1974	Missing	390537	0.50: 397062	0.08: 7062	wet1	0.08: 7062	wet2	0	4	1.57	83	67	93	61	94	0.5	1	0	46	<1	0.7
06358550	Butte	5/9/1975	1.84 on 5/6	390537	1.81 on 5/6: 397062		dry1		dry2		4	1.57	83	67	93	580	92	1.84	207	20	599	3.5	3.5
06358550	Butte	6/17/1976	0.43; 2.70 on 6/14	390537	0.84: 390762: 3.46 on 6/14		dry1		dry2		4	1.57	83	67	93	135	67	3.1	588	144	1204	25	25
06358550	Butte	7/4/1977	1.55 on 7/5-6	390537	1.63 on 7/6: 397062		dry1		dry2		4	1.57	83	67	93	53	76	1.6	149	13	489	2	2
06358550	Butte	7/20/1978	1.29	390537	1.56: 397062	0	dry1	0.01	dry2	0	4	1.57	83	67	93	189	87	1.4	106	7	397	1	1
06358550	Butte	7/26/1979	1.1 on 7/16	390537	1.29: 7/24-25: 397062	0.81: 7/14	wet1	1.6	wet2	0	4	1.57	83	67	93	117	85	1.3	85	4	351	1	1
											4												0
06358600	Butte	Jul-56	1.84: 7/2	397062	1.7: 7/3-4: 393560	0.03	dry1	0.03	dry2	0	4	2.32	79	62	91	72	76	1.8	108	10	427	2	2
06358600	Butte	1958	n/a	397062			dry1		dry2		4	2.32	79	62	91	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	6/25/1959	1.89	397062	0.51: 393560	0	dry1	0.02; 0.88 8 days	wet2	0	4	2.32	79	62	91	205	83	1.89	122	12	462	2	2
06358600	Butte	3/20/1960	0	397062		0	dry1	0	dry2	5: 4 days	4	2.32	79	62	91	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	1961	n/a	397062			dry1		dry2		4	2.32	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	Mar-62	n/a: snowmelt	397062			dry1		dry2		4	2.32	79	62	91	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	Jun-63	2.16: 6/15	397062	1.26: 393560	0	dry1	0.37	dry2	0	4	2.32	79	62	91	170	84	1.7	92	7	388	1.6	1.6
06358600	Butte	1964	n/a	397062			dry1		dry2		4	2.32	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	7/8/1965	0.85	397062	0.79: 393560	0.01	dry1	0.63	dry2	0	4	2.32	79	62	91	65	89	0.85	8	0	100	<1	0.7
06358600	Butte	3/13/1966	n/a: snowmelt	397062		0	dry1	0	dry2	9: 5 days	4	2.32	79	62	91	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	6/6/1967	1.17	397062	1.42: 393560	0.26	dry1	0.8	ave2	0	4	2.32	79	62	91	58	83	1.17	25	0	197	<1	0.7
06358600	Butte	8/24/1968	0.69	397062	1.59: 393560	0	dry1	0.2	dry2	0	4	2.32	79	62	91	65	91	0.69	3	0	60	<1	0.7
06358600	Butte	7/8/1969	2.42	397062	1.92: 393560	0	dry1	0.18	dry2	0	4	2.32	79	62	91	450	88	2.2	178	22	583	3.7	3.7
06358600	Butte	5/11/1970	0.43	397062	0.61: 393560	0.25	dry1	0.88	ave2	0	4	2.32	79	62	91	40	93	0.5	0	0	21	<1	0.7
06358600	Butte	4/19/1971	1.74	397062	0.85: 393560	0.89	ave1	0.89	ave2	0	4	2.32	79	62	91	180	84	1.74	98	8	404	2	2
06358600	Butte	5/11/1972	1.5	397062	1.19: 393560	0.21	dry1	0.52	dry2	0	4	2.32	79	62	91	70	82	1.3	38	0	241	1	1
06358600	Butte	3/14/1973	0.51	397062	0.30: 393560	0	dry1	0	dry2	0	4	2.32	79	62	91	20	91	0.51	0	0	23	<1	0.7
06358600	Butte	4/11/1974	0.86	397062	0.60: 4/11-12: 393560	0	dry1	0.27	dry2	0	4	2.32	79	62	91	30	85	0.86	8	0	102	<1	0.7
06358600	Butte	4/28/1975	1.4	397062	0.77: 4/28-29: 393560	0	dry1	0.88	ave2	11: 15 days	4	2.32	79	62	91	60	80	1.4	50	1	276	1	1
06358600	Butte	6/23/1976	0.55	397062	0.48; 4.44 (6/14-15): 393560	0	dry1	4.84 on 6/15	wet2	0	4	2.32	79	62	91	80	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	4/7/1977	n/a	397062			dry1		dry2	14: 2 days	4	2.32	79	62	91	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	6/29/1978	0.87	397062	0.37: 393560	0	dry1	0.58	dry2	0	4	2.32	79	62	91	120	92	0.87	9	0	105	<1	0.7
06358600	Butte	4/1/1979	n/a	397062		0.04	dry1	0.04	dry2	12: 3/16	4	2.32	79	62	91	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358600	Butte	8/16/1980	1.13	397062	0.52: 393560	0	dry1	0.84	ave2	0	4	2.32	79	62	91	150	90	1.13	22	0	404	<1	0.7
											4												0
06358620	Harding	Jul-56	1.84: 7/1-2	397062	1.7: 7/3-4: 393560	0.03	dry1	0.06	dry2	0	4	0.05	82	66	92	14	81	1.8	15	1	40	2	2
06358620	Harding	8/30/1958	0.89	397062	1.17	0	dry1	0	dry2	0	4	0.05	82	66	92	32	98	1	2	0	14	<1	0.7
06358620	Harding	6/29/1959	0.89: 6/29-30	397062	0.80: 6/30	0	dry1	2.68	wet2	0	4	0.05	82	66	92	5	87	0.89	1	0	11	<1	0.7
06358620	Harding	6/20/1960	0.71: 6/20-21	397062	0.20: 6/21	0	dry1	1	ave2	0	4	0.05	82	66	92	18	97	0.71	1	0	7	<1	0.7
06358620	Harding	8/17/1961	0.07	397062	0.2	0	dry1	0.35	dry2	0	4	0.05	82	66	92	12	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358620	Harding	May-62	2.88: 5/17-18	397062	2.35: 5/19	0.42	dry1	1.78	wet2	0	4	0.05	82	66	92	26	80	2.6	32	6	67	7.5	7.5
06358620	Harding	Jun-63	2.16: 6/15	397062	1.26: 6/15	0	dry1	0.39	dry2	0	4	0.05	82	66	92	25	88	1.7	13	1	36	2	2
06358620	Harding	6/9/1964	2.29	397062	2.25	0.05	dry1	0.06	dry2	0	4	0.05	82	66	92	16	78	2.29	25	3	56	5	5
06358620	Harding	May-65	1.85: 5/22-23	397062	3.09: 5/24-25	0	dry1	0	dry2	0	4	0.05	82	66	92	18	83	1.85	16	1	41	2	2
06358620	Harding	Jul-66	0.90: 7/2	397062	1.03: 7/21	0	dry1	0	dry2	0	4	0.05	82	66	92	32	98	0.9	1	0	12	<1	0.7
06358620	Harding	6/6/1967	1.54	397062	1.42	0.26	dry1	0.8	ave2	0	4	0.05	82	66	92	35	93	1.5	9	1	30	1	1
06358620	Harding	8/24/1968	0.69	397062	1.59	0	dry1	0.2	dry2	0	4	0.05	82	66	92	37	93	1.6	11	1	33	1.3	1.3
06358620	Harding	7/8/1969	2.42	397062	1.92	0	dry1	0.18	dry2	0	4	0.05	82	66	92	64	93	2.42	28	4	61	5	5
06358620	Harding	5/31/1970	1.2	397062	0.82	0	dry1	0.32	dry2	0	4	0.05	82	66	92	37	97	1.2	5	0	20	1	1
06358620	Harding	4/19/1971	1.74	397062	0.85	0.89	ave1	0.89	ave2	0	4	0.05	82	66	92	13	87	1.3	6	0	23	1	1
06358620	Harding	7/27/1972	0.89	397062	0	0	dry1	0.24	dry2	0	4	0.05	82	66	92	15	94	0.89	1	0	12	<1	0.7
											4												0
06358750	Harding	Jun-56	1.79 (6/14-15)	393560	1.22 (6/14-15): 397062	0	dry1	0.35	dry2	0	4	4.00	78	60	90	14	67	1.5	115	2	450	1	1
06358750	Harding	1958	n/a	393560	n/a		dry1		dry2		4	4.00	78	60	90	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	3/17/1959	0	393560	0: 397062	0	dry1	0	dry2	3	4	4.00	78	60	90	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	3/20/1960	0	393560	0: 397062	0	dry1	0	dry2	3: 3/17	4	4.00	78	60	90	22.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	1961	n/a	393560	n/a		dry1		dry2		4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	May-62	2.35 (5/19)	393560	2.52 (5/18-19): 397062	0.35	dry1	2.39	wet2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	Jun-63	1.26 (6/15)	393560	2.16: 397062	0	dry1	0.92	ave2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	Jun-64	2.25 6/8-9)	393560	2.29 (6/8-9): 397062	0	dry1	0	dry2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	May-65	3.09 (5/24-25)	393560	1.73 (5/24-25): 397062	0	dry1	0.31	dry2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	3/13/1966	0	393560	0: 397062	0	dry1	0	dry2	6: 3/8	4	4.00	78	60	90	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	6/6/1967	1.42	393560	1.17: 397062	0	dry1	0.46	dry2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	6/24/1968	1.64 (6/24-25)	393560	1.05 (6/23-24): 397062	0.15	dry1	0.45	dry2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	7/8/1969	1.92 (7/7-8)	393560	2.42 (7/7-8): 397062	0	dry1	0.16	dry2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	5/11/1970	0.61	393560	0.43: 397062	0.45	dry1	0.63	dry2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	4/19/1971	0.85	393560	1.74: 397062	0	dry1	0	dry2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06358750	Harding	5/11/1972	1.19 (5/10-11)	393560	1.50 (5/10-11): 397062	0	dry1	0.68	dry2	0	4	4.00	78	60	90	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
											4												0
											4												0
											4												0
06359300	Meade	5/30/1970	1.36	395320&25	n/a	0.02	dry1	0.25	dry2	0	4	1.25	78	60	90	6	68	1.36	37	0	237	<1	0.7
06359300	Meade	5/30/1971	3.29: 5/30-31	395320&26	n/a	0.16	dry1	1.76	wet2	0	4	1.25	78	60	90	188	68	3.29	419	71	986	25	25
06359300	Meade	5/11/1972	1.27	395320&27	n/a	0.13	dry1	0.18	dry2	0	4	1.25	78	60	90	3	67	1.27	27	0	207	<1	0.7
06359300	Meade	1973	2.75: 5/26-27	395320&28	n/a	0.2	dry1	0.2	dry2	0	4	1.25	78	60	90	1		n/a	n/a	n/a	n/a	n/a	n/a
06359300	Meade	1974	n/a	395320&29	n/a		dry1		dry2		4	1.25	78	60	90	1		n/a	n/a	n/a	n/a	n/a	n/a
06359300	Meade	4/28/1975	1.68; 1.4 on 4/29	395320&30	n/a	0	dry1	0	dry2		4	1.25	78	60	90	29	72	1.68	80	3	351	1.5	1.5
06359300	Meade	1976	2.29: 6/14-15	395320&31	n/a	0.14	dry1	0.24	dry2	0	4	1.25	78	60	90	0		n/a	n/a	n/a	n/a	n/a	n/a
06359300	Meade	5/26/1977	0	395320&32	n/a	0	dry1	0.58	dry2	0	4	1.25	78	60	90	1		n/a	n/a	n/a	n/a	n/a	n/a
06359300	Meade	Apr-78	1.35: 4/17-18	395320&33	n/a	0	dry1	0.08	dry2	0	4	1.25	78	60	90	20	75	1.35	36	0	234	<1	0.7
06359300	Meade	Apr-79	n/a	395320&34	n/a		dry1		dry2		4	1.25				5		n/a	n/a	n/a	n/a	n/a	n/a
											4												0
06359700	Perkins	5/7/1970	2.24: 5/8	393316	n/a	0	dry1	0	dry2	10: 16 days	4	3.00	73	54	87	145	74	2.24	121	8	522	3	3
06359700	Perkins	3/13/1971	0	393316	n/a		dry1		dry2	5	4	3.00	73	54	87	35		n/a	n/a	n/a	n/a	n/a	n/a
06359700	Perkins	5/21/1972	1.62: 5/22	393316	n/a	0	dry1	0.18	dry2	0	4	3.00	73	54	87	79	77	1.62	39	0	282	1	1
06359700	Perkins	4/20/1973	2.68	393316	n/a	0	dry1	0	dry2	0	4	3.00	73	54	87	20	54	2.68	198	21	710	5	5
06359700	Perkins	1974	n/a	393316	n/a		dry1		dry2		4	3.00	73	54	87	5		n/a	n/a	n/a	n/a	n/a	n/a
06359700	Perkins	4/28/1975	2.09	393316	n/a	0	dry1	0.18	dry2	11: 16 days	4	3.00	73	54	87	78	71	2.09	98	5	461	2	2
06359700	Perkins	1976	n/a	393316	n/a		dry1		dry2		4	3.00	73	54	87	3		n/a	n/a	n/a	n/a	n/a	n/a
06359700	Perkins	7/6/1977	2.07	393316	n/a	0	dry1	0.1	dry2	0	4	3.00	73	54	87	40	67	2.07	95	4	453	2	2
06359700	Perkins	Apr-78	1.05: 4/29-29	393316	n/a	0	dry1	0.79	ave2	0	4	3.00	73	54	87	20	79	1.05	7	0	104	<1	0.7
06359700	Perkins	Apr-79	n/a	393316	n/a		dry1		dry2		4	3.00				5		n/a	n/a	n/a	n/a	n/a	n/a
											4												0
06359800	Perkins	6/8/1970	1.51: 6/12	393116	n/a	0.43	dry1	0.43	dry2	0	4	9.64	78	60	90	1130	90	1.51	290	5	1127	1	1
06359800	Perkins	7/11/1971	2.32	393116	n/a	0	dry1	1	ave2		4	9.64	78	60	90	561	72	2.32	987	97	2275	3	3
06359800	Perkins	5/22/1972	1.62	393116	n/a	0	dry1	0.18	dry2	0	4	9.64	78	60	90	363	78	1.62	367	9	1278	1	1
06359800	Perkins	3/14/1973	1.79	393116	n/a	0	dry1	0	dry2	0	4	9.64	78	60	90	50	64	1.79	499	18	1516	1.3	1.3
06359800	Perkins	4/23/1974	1.08: 4/20-21	393116	n/a	0.04	dry1	0	dry2	0	4	9.64	78	60	90	3	68	1.08	71	0	579	<1	0.7
06359800	Perkins	4/28/1975	2.09	393116	n/a	0	dry1	0.18	dry2	11: 18 days	4	9.64	78	60	90	1070	82	2.09	758	49	1930	2	2
06359800	Perkins	6/23/1976	2.31	393116	n/a	0	dry1	1.9	wet2	0	4	9.64	78	60	90	122	61	2.31	987	97	2275	3	3
06359800	Perkins	7/6/1977	2.07	393116	n/a	0	dry1	0.1	dry2	0	4	9.64	78	60	90	579	75	2.07	758	49	1930	2	2
																							0
06359850	Ziebach	5/14/1970	1.35	392438	1.12 (5/13-14): 392468	0	dry1	0.6	dry2	0	3	4.15	72	62	91	42	80	1.25	35	0	232	<1	0.7
06359850	Ziebach	5/23/1971	3.01	392438	1.85: 392468	0	dry1	0.11	dry2	0	3	4.15	72	62	91	110	70	2.4	294	40	718	3.5	3.5
06359850	Ziebach	5/22/1972	3.67	392438	1.35: 392468	0.01	dry1	0.34	dry2	0	3	4.15	72	62	91	410	70	3.67	743	200	1301	18	18
06359850	Ziebach	5/27/1973	2.5	392438	2.25: 392468	0	dry1	0.1	dry2	0	3	4.15	72	62	91	61	65	2.4	294	40	718	3.5	3.5
06359850	Ziebach	4/19/1974	0.07	392438	0.48 (4/19-20): 392468	0	dry1	0.73	dry2	0	3	4.15	72	62	91	120	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06359850	Ziebach	4/28/1975	2.67	392438	1.25 (4/28-29): 392468	0	dry1	0.03	dry2	0	3	4.15	72	62	91	494	83	2.67	380	61	841	5	5
06359850	Ziebach	6/23/1976	1.55	392438	1.98: 392468	0	dry1	0.1	dry2	0	3	4.15	72	62	91	115	78	1.8	131	13	455	1.3	1.3
06359850	Ziebach	6/21/1977	3.62 (6/21-22)	392438	0.93 (6/22): 392468	0	dry1	0.62	dry2	0	3	4.15	72	62	91	245	64	3.62	725	191	1278	18	18
06359850	Ziebach	Apr-78	1.02 (4/17-18)	392438	0.81 (4/17-18): 392468	0.05	dry1	0.47	dry2	0	3	4.15	72	62	91	75	89	0.9	10	0	111	<1	0.7
06359850	Ziebach	Apr-79	0.53 (4/4)	392438	0.40: 392468	0	dry1	0.12	dry2	6 (4/4): 392468	3	4.15	72	62	91	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											3												0
											3												0
06360350	Dewey	6/12/1970	1.83	398307	n/a	0.7	ave1	0.98	ave2	0	3	2.08	84	68	93	1	55	1.83	181	20	481	1	1
06360350	Dewey	4/20/1971	1.61	398307	n/a	9	wet1	9	wet2	9	3	2.08	84	68	93	40	75	1.61	136	14	400	1	1
06360350	Dewey	5/22/1972	0.98	398307	n/a	0	dry1	0.33	dry2	0	3	2.08	84	68	93	34	84	0.98	33	0	172	<1	0.7
06360350	Dewey	3/14/1973	1.8	398307	n/a	0.09	dry1	0.09	dry2		3	2.08	84	68	93	20	68	1.8	174	20	470	1	1
06360350	Dewey	1974	n/a	398307	n/a		dry1		dry2		3	2.08	84	68	93	4		n/a	n/a	n/a	n/a	n/a	n/a
06360350	Dewey	4/28/1975	1.35	398307	n/a	0	dry1	0.35	dry2	5: 14 days	3	2.08	84	68	93	75	83	1.35	88	6	303	<1	0.7
06360350	Dewey	1976	n/a	398307	n/a		dry1		dry2		3	2.08	84	68	93	1		n/a	n/a	n/a	n/a	n/a	n/a
06360350	Dewey	6/15/1977	1.97: 6/16	398307	n/a	0.05	dry1	0.87	ave2	0	3	2.08	84	68	93	15	63	1.97	211	27	534	1.5	1.5
06360350	Dewey	Apr-78	0.93: 4/17-18	398307	n/a	0.95	ave1	1.1	ave2	0	3	2.08	84	68	93	78	89	0.93	27	0	156	<1	0.7
06360350	Dewey	Apr-79	0.93: 4/11-12	398307	n/a	0	dry1	0.1	dry2	0	3	2.08	84	68	93	12	80	0.93	27	0	156	<1	0.7
																							0
																							0
06396200	Fall River	6/18/1956	1.25	390236	0.47: 394007	1.9	wet1	2.1	wet2	0	4	0.63	80	63	91	3	78	0.9	4	0	49	<1	0.7
06396200	Fall River	5/24/1957	1.17	390236	1.03: 394007	0	dry1	1.05	ave2	0	4	0.63	80	63	91	41	87	1.1	10	0	76	<1	0.7
06396200	Fall River	7/20/1958	1.04: 7/18-19	390236	1.63: 7/18-19: 4007	1.09	wet1	1.66	wet2	0	4	0.63	80	63	91	43	85	1.3	19	0	105	1	1
06396200	Fall River	9/24/1959	1.46	390236	0.73: 4007	0	dry1	0.21	dry2	0	4	0.63	80	63	91	4	82	0.8	3	0	37	<1	0.7
06396200	Fall River	1960	n/a	390236	n/a		dry1		dry2		4	0.63	80	63	91	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396200	Fall River	8/4/1961	0: n/a	390236	0: 4007		dry1		dry2		4	0.63	80	63	91	68	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396200	Fall River	7/14/1962	2.77	390236	1.93: 4007	0.83	ave1	0.96	ave2	0	4	0.63	80	63	91	26	69	2.3	98	10	272	5	5
06396200	Fall River	3/16/1963	1.4 (12 in snow)	390236	0.75 (6in. snow: 4007		dry1		dry2		4	0.63	80	63	91	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396200	Fall River	6/14/1964	0.86	390236	0.26: 4007	0	dry1	1.03	ave2	0	4	0.63	80	63	91	19	87	0.86	4	0	44	<1	0.7
06396200	Fall River	6/12/1965	0: n/a	390236	0.63: 4007		dry1		dry2		4	0.63	80	63	91	32		n/a	n/a	n/a	n/a	n/a	n/a
06396200	Fall River	7/22/1966	1.43	390236	0.42: 4007	0	dry1	0.02	dry2	0	4	0.63	80	63	91	13	76	1.4	25	1	121	1	1
06396200	Fall River	6/15/1967	1.58	390236	1.04: 4007	0.32	dry1	2.49	wet2	0	4	0.63	80	63	91	8	73	1.3	19	0	105	<1	0.7
06396200	Fall River	6/25/1968	0.86	390236	1.95: 4007	0	dry1	0	dry2	0	4	0.63	80	63	91	30	75	1.9	62	6	204	2	2
06396200	Fall River	7/18/1969	0.73	390236	1.73: 4007 (1.17 on 7/16)	0.29	dry1	0.4	dry2	0	4	0.63	80	63	91	25	76	1.7	47	3	170	2	2
06396200	Fall River	4/23/1970	0: n/a	390236	0: 4007		dry1		dry2	10: 5days	4	0.63	80	63	91	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396200	Fall River	5/22/1971	3.54: 5/23	390236	3.33: 5/23: 4007	0	dry1	0.14	dry2	0	4	0.63	80	63	91	4	n/a	3.4	216	48	465	25	25
06396200	Fall River	2/29/1972	0: n/a	390236	0: 4007		dry1		dry2		4	0.63	80	63	91	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396200	Fall River	3/73	1.66: 3/14	390236	n/a	0	dry1	0	dry2	0	4	0.63	80	63	91	4	63	1.66	47	3	170	1.5	1.5
06396200	Fall River	7/19/1974	1.36	390236	0.98: 4007	0	dry1	0.04	dry2	0	4	0.63	80	63	91	19	79	1.36	23	1	114	1	1
06396200	Fall River	3/27/1975	0.61	390236	0.63: 4007	0	dry1	0.11	dry2	0	4	0.63	80	63	91	20	91	0.61	1	0	18	<1	0.7
06396200	Fall River	7/6/1976	1.07	390236	0: 4007	0	dry1	0.64	dry2	0	4	0.63	80	63	91	37	86	1.07	10	0	76	<1	0.7
06396200	Fall River	8/9/1977	0	390236	1.09: 4007		dry1		dry2		4	0.63	80	63	91	44	87	1.09	10	0	76	<1	0.7
06396200	Fall River	5/4/1978	0.8	390236	n/a	0	dry1	0.99	ave2	0	4	0.63	80	63	91	18	88	0.8	3	0	37	<1	0.7
06396200	Fall River	8/20/1979	1.34	390236	1.42: 390237; 1.14: 4007	0.37	dry1	0.64	dry2	0	4	0.63	80	63	91	30	81	1.4	25	1	121	1	1

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs			USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.)				Corresponding Approximate Rainfall Frequency	Rainfall (in.)
													II	I	III			Rainfall	CN-II	CN-I	CN-III		
06396200	Fall River	6/15/1980	1.38: 392557		0.67: 4007; 3.10: 396214	0	dry1	0.04	dry2	0	4	0.63	80	63	91	275	85	3.1	182	35	411	18	18
											4												0
06396300	Fall River	7/8/1956	0	390236	0: 4007		dry1		dry2		4	0.09	80	63	91	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396300	Fall River	Jun-57	1.19: 6/10-11	390236	0.99: 394007	0	dry1	0.36	dry2	0	4	0.09	80	63	91	14	86	1.1	4	0	27	<1	0.7
06396300	Fall River	7/20/1958	1.04: 7/18-19	390236	1.63: 7/18-19: 4007	1.09	wet1	1.66	wet2	0	4	0.09	80	63	91	41	92	1.3	8	0	38	1	1
06396300	Fall River	7/13/1959	0.74	390236	0.14: 4007	0	dry1	0	dry2	0	4	0.09	80	63	91	23	95	0.74	1	0	11	<1	0.7
06396300	Fall River	1960	n/a	390236			dry1		dry2		4	0.09	80	63	91	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396300	Fall River	7/20/1961	0.09	390236	0: 4007	0	dry1	0	dry2	0	4	0.09	80	63	91	12	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396300	Fall River	Sep-62	0: n/a	390236	0: 4007	0	dry1	0	dry2	0	4	0.09	80	63	91	38	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396300	Fall River	6/20/1963	1.38: 6/15-16	390236	1.63: 6/15-16: 4007	0	dry1	1.46	wet2	0	4	0.09	80	63	91	38	88	1.5	13	1	49	1	1
06396300	Fall River	6/21/1964	1.04: 6/18	390236	1.6: 6/16: 4007	0	dry1	1.94	wet2	0	4	0.09	80	63	91	35	90	1.3	8	0	38	1	1
06396300	Fall River	7/19/1965	1.4	390236	0.06: 4007	0	dry1	0.05	dry2	0	4	0.09	80	63	91	86	97	1.4	10	0	43	1	1
06396300	Fall River	7/14/1966	0	390236	2.5: 4007	0.16	dry1	0.21	dry2	0	4	0.09	80	63	91	23	73	2.5	46	5	108	5	5
06396300	Fall River	6/15/1967	1.58	390236	1.04: 4007	0.32	dry1	2.49	wet2	0	4	0.09	80	63	91	22	86	1.3	8	0	38	1	1
06396300	Fall River	6/25/1968	0.86	390236	1.95: 4007	0	dry1	0.26	dry2	0	4	0.09	80	63	91	35	83	1.95	26	2	75	3	3
06396300	Fall River	7/18/1969	0.73	390236	1.73: 4007	0.29	dry1	0.4	dry2	0	4	0.09	80	63	91	75	93	1.73	19	1	62	2	2
06396300	Fall River	7/12/1970	0.32	390236	0: 4007	0	dry1	0.74	dry2	0	4	0.09	80	63	91	9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396300	Fall River	5/22/1971	3.54: 5/23	390236	3.33: 5/23: 4007	0	dry1	0.14	dry2	0	4	0.09	80	63	91	13	60	3.4	85	20	165	25	25
06396300	Fall River	1972	n/a	390236			dry1		dry2		4	0.09	80	63	91	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396300	Fall River	9/2/1973	1.84	390236	1.71: 4007	0	dry1	0	dry2	0	4	0.09	80	63	91	13	76	1.8	22	2	66	2	2
06396300	Fall River	8/10/1974	0.76	390236	0.92: 4007	0.04	dry1	0.04	dry2	0	4	0.09	80	63	91	40	97	0.8	1	0	14	<1	0.7
06396300	Fall River	7/9/1975	0	390236	0.14: 4007	0	dry1	0	dry2	0	4	0.09	80	63	91	12	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396300	Fall River	7/20/1976	1.52: 7/21	390236	0.62: 4007	0	dry1	0.2	dry2	0	4	0.09	80	63	91	12	85	1.1	4	0	27	<1	0.7
06396300	Fall River	8/9/1977	0.44: 8/8	390236	1.18: 4007	0.1	dry1	0.32	dry2	0	4	0.09	80	63	91	51	95	1.18	5	0	31	<1	0.7
06396300	Fall River	6/17/1978	0.43	390236	0.55: 4007	0	dry1	0	dry2	0	4	0.09	80	63	91	14	95	0.5	0	0	3	<1	0.7
06396300	Fall River	8/20/1979	1.34	390236	1.14: 4007	0.37	dry1	0.64	dry2	0	4	0.09	80	63	91	19	87	1.2	5	0	32	<1	0.7
06396300	Fall River	6/15/1980	0.36	390236	0.67: 4007	0	dry1	0	dry2	0	4	0.09	80	63	91	48	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06396350	Custer	1970	n/a	394007	392087		dry1		dry2		5	0.20	76	58	89	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396350	Custer	5/3/1971	0	394007		0	dry1	0.57	dry2	0	5	0.20	76	58	89	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396350	Custer	2/29/1972	0	394007		0	dry1	0.02	dry2	0	5	0.20	76	58	89	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396350	Custer	9/2/1973	1.71	394007	1.04: 392087	0	dry1	0	dry2	0	5	0.20	76	58	89	12	78	1.4	7	0	57	1	1
06396350	Custer	Apr-74	1.23: 4/11	394007	0.80: 392087 4/11-12	0	dry1	0.33	dry2	0	5	0.20	76	58	89	5	81	1	2	0	27	<1	0.7
06396350	Custer	4/8/1975	0.62	394007	2.15: 392097	0	dry1	0.12	dry2	0	5	0.20	76	58	89	7	76	1.4	7	0	57	1	1
06396350	Custer	1976	n/a	394007			dry1		dry2		5	0.20	76	58	89	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396350	Custer	1977	n/a	394007			dry1		dry2		5	0.20	76	58	89	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396350	Custer	1978	n/a	394007			dry1		dry2		5	0.20	76	58	89	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06396350	Custer	1979	n/a	394007			dry1		dry2		5	0.20	76	58	89	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06399300	Fall River	3/1/1956	0	390236	n/a	0	dry1	0	dry2	2: 2/22	4	3.25	82	66	92	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06399300	Fall River	5/25/1957	1.28	390236	n/a	0.47	dry1	1.47	wet2	0	4	3.25	82	66	92	270	89	1.28	99	4	435	1	1
06399300	Fall River	7/11/1958	1.54	390236	n/a	0.12	dry1	0.96	ave2	0	4	3.25	82	66	92	11	65	1.54	171	14	599	1	1
06399300	Fall River	7/13/1959	0.74	390236	n/a	0	dry1	0	dry2	0	4	3.25	82	66	92	8	80	0.74	13	0	142	<1	0.7
06399300	Fall River	7/29/1961	0.56	390236	n/a	0.01	dry1	0.01	dry2	0	4	3.25	82	66	92	10	86	0.56	3	0	69	<1	0.7
06399300	Fall River	6/16/1962	1.68 (6/16/17)	390236	n/a	0	dry1	0.86	ave2	0	4	3.25	82	66	92	265	84	1.68	213	21	691	1.5	1.5
06399300	Fall River	3/16/1963	1.4	390236	n/a	0	dry1	0	dry2	12	4	3.25	82	66	92	510	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06399300	Fall River	6/21/1964	0.81 (6/21-22)	390236	n/a	0	dry1	1.94	wet2	0	4	3.25	82	66	92	320	95	0.81	17	0	175	<1	0.7
06399300	Fall River	5/24/1965	1.32 (5/23-24)	390236	n/a	0	dry1	0.28	dry2	0	4	3.25	82	66	92	255	88	1.32	109	6	460	1	1
06399300	Fall River	8/13/1966	1.07	390236	n/a	0	dry1	0.15	dry2	0	4	3.25	82	66	92	6	71	1.07	52	0	312	<1	0.7
06399300	Fall River	6/15/1967	1.58	390236	n/a	0.32	dry1	2.49	wet2	0	4	3.25	82	66	92	300	86	1.58	182	16	625	1.4	1.4
06399300	Fall River	6/9/1968	1.72	390236	n/a	0.05	dry1	1.32	wet2	0	4	3.25	82	66	92	320	85	1.72	226	23	718	1.8	1.8
06399300	Fall River	3/19/1969	0	390236	n/a	0	dry1	0	dry2	2: 3/14	4	3.25	82	66	92	45	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06399300	Fall River	1970	n/a	390236	n/a		dry1		dry2		4	3.25	82	66	92	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06399300	Fall River	5/23/1971	3.54	390236	n/a	0	dry1	0.14	dry2	0	4	3.25	82	66	92	310	67	3.54	980	268	1943	38	38
06399300	Fall River	5/10/1972	0.34	390236	n/a	0.52	ave1	0.52	dry2	0	4	3.25	82	66	92	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06399300	Fall River	4/30/1973	0.67	390236	n/a	0.17	dry1	0.75	ave2	0	4	3.25	82	66	92	4	79	0.67	8	0	112	<1	0.7
06399300	Fall River	4/11/1974	2.24	390236	n/a	0	dry1	0	dry2	1	4	3.25	82	66	92	94	69	2.24	411	58	1056	4	4
06399300	Fall River	4/28/1975	0.64	390236	n/a	0	dry1	0	dry2	0	4	3.25	82	66	92	5	81	0.64	7	0	100	<1	0.7
06399300	Fall River	7/20/1976	1.52	390236	n/a	0	dry1	0.2	dry2	0	4	3.25	82	66	92	338	88	1.52	165	13	586	1	1
06399300	Fall River	4/12/1977	1.86	390236	n/a	0	dry1	0.02	dry2	0	4	3.25	82	66	92	19	63	1.86	272	30	808	2	2
06399300	Fall River	5/7/1978	1.2	390236	n/a	0.4	dry1	1.64	wet2	0	4	3.25	82	66	92	50	80	1.2	80	2	387	<1	0.7
06399300	Fall River	7/5/1979	1.15	390236	n/a	0	dry1	0.63	dry2	0	4	3.25	82	66	92	96	84	1.15	69	1	358	<1	0.7
											4												0
06399700	Fall River	6/17/1956	1.90 (6/16)	390236	0.96 (6/16): 394007	0.2	dry1	0	dry2	0	4	7.31	84	68	93	1110	82	1.9	1311	167	2555	2	2
06399700	Fall River	5/25/1957	1.28 (5/24-25)	390236	1.57 (5/24-25): 394007	0.47	dry1	1.47	wet2	0	4	7.31	84	68	93	1020	89	1.4	600	22	1535	1	1
06399700	Fall River	7/12/1958	0.57 (7/12-13)	390236	0.48 (7/12-13): 394007	1.54	wet1	2.32	wet2	0	4	7.31	84	68	93	590	97?	0.57	9	0	252	<1	0.7
06399700	Fall River	7/13/1959	0.74 (7/12-13)	390236	0.14: 394007	0	dry1	0	dry2	0	4	7.31	84	68	93	1110	98?	0.74	52	0	470	<1	0.7
06399700	Fall River	Apr-60	0.94 (4/16)	390236	0.23: 394007	0	dry1	0	dry2	3	4	7.31	84	68	93	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06399700	Fall River	7/29/1961	0.56 (7/28)	390236	2.85 (7/30): 394007	0.01	dry1	0.01	dry2	0	4	7.31	84	68	93	295	94?	0.56	9	0	252	<1	0.7
06399700	Fall River	6/16/1962	1.68 (6/16-17)	390236	0.94 (6/16-17): 394007	0	dry1	0.86	ave2	0	4	7.31	84	68	93	1440	88	1.68	1022	87	2177	1.5	1.5
06399700	Fall River	7/23/1963	1.29 (7/22-23)	390236	0.16: 394007	0	dry1	0.31	dry2	0	4	7.31	84	68	93	325	82	1.29	457	11	1314	<1	0.7
06399700	Fall River	6/21/1964	0.81 (6/21-22)	390236	0.30 (6/21-22): 394007	0	dry1	1.94	wet2	0	4	7.31	84	68	93	1080	97?	0.81	84	0	570	<1	0.7
06399700	Fall River	7/23/1965	0.93	390236	0.11: 394007	0	dry1	1.4	wet2	0	4	7.31	84	68	93	1540	98?	0.93	154	0	749	<1	0.7
06399700	Fall River	Sep-66	0.33 (9/14-15)	390236	0.15 (9/15): 394007	0.16	dry1	0.16	dry2	0	4	7.31	84	68	93	930	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06399700	Fall River	6/15/1967	1.58 (6/14-15)	390236	1.04 (6/15): 394007	0.32	dry1	2.49	wet2	0	4	7.31	84	68	93	960	86	1.58	803	51	1828	1.3	1.3
06399700	Fall River	6/9/1968	1.72 (6/8-9)	390236	0.89: 394007	0.05	dry1	1.32	wet2	0	4	7.31	84	68	93	1550	89	1.72	1022	87	2177	1.7	1.7
06399700	Fall River	7/21/1969	1.26 (7/20-21)	390236	0.16: 394007	0.12	dry1	1.14	ave2	0	4	7.31	84	68	93	330	82	1.26	457	11	1314	<1	0.7
06399700	Fall River	8/11/1970	1.71	390236	0.15: 394007	0	dry1	0	dry2	0	4	7.31	84	68	93	29	64	1.71	1022	87	2177	1.7	1.7
06399700	Fall River	5/23/1971	3.54	390236	3.33: 394007	0	dry1	0.14	dry2	0	4	7.31	84	68	93	900	63	3.4	3833	1482	5437	25	25
06399700	Fall River	7/26/1972	1.43	390236	0: 394007	0	dry1	0	dry2	0	4	7.31	84	68	93	820	87	1.43	600	22	1535	1	1
06399700	Fall River	7/20/1973	2.59 (7/19-20)	390236	1.38 (7/19-20): 394007	0	dry1	0	dry2	0	4	7.31	84	68	93	710	76	2	1462	217	2741	3	3
06399700	Fall River	4/11/1974	2.24	390236	1.23: 394007	0	dry1	0	dry2	1; 12: 394007	4	7.31	84	68	93	98	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06399700	Fall River	6/18/1975	0.83 (6/18-19)	390236	1.74 (6/18-19): 394007	0.06	dry1	0.61	dry2	0	4	7.31	**84**	**68**	**93**	235	**80**	1.3	457	11	1314	<1	0.7
											4												0
											4												0
06400497	Fall River	7/4/1977	1.15: 7/5	394007	0.72: 7/5: 396304	0	dry1	0.18	dry2	0	4	0.46				49		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	12/30/1977	n/a				dry1		dry2		4	0.46				25		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	7/1/1979	0			0.15	dry1	1	ave2	0	4	0.46				24		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	1980	n/a				dry1		dry2		4	0.46				22		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	9/21/1981	0				dry1		dry2		4	0.46				20		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	6/5/1982	1.75: 6/2-3			0.07	dry1	0.48	dry2	0	4	0.46				31		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	7/31/1983	0			0.43	dry1	0.43	dry2	0	4	0.46				23		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	5/8/1984	0			0.03	dry1	0.56	dry2	0	4	0.46				24		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	6/13/1985	0			0.13	dry1	0.82	ave2	0	4	0.46				23		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	6/1/1986	0			0	dry1	0	dry2	0	4	0.46				23		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	6/13/1987	0			0	dry1	0.54	dry2	0	4	0.46				23		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	10/1/1987	0			0	dry1	0	dry2	0	4	0.46				21		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	11/1/1988	0				dry1		dry2		4	0.46				19		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	5/4/1990	0.08				dry1		dry2		4	0.46				20		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	10/1/1990	0				dry1		dry2		4	0.46				20		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	4/28/1992	0				dry1		dry2		4	0.46				22		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	8/14/1993	0		2.75: 8/16		dry1		dry2		4	0.46				28		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	7/19/1994	0				dry1		dry2		4	0.46				25		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	8/13/1995	0				dry1		dry2		4	0.46				22		n/a	n/a	n/a	n/a	n/a	n/a
06400497	Fall River	8/9/1996	1.96: 8/10		0.8: 6304: 8/10	0	dry1	0	dry2	0	4	0.46				247		n/a	n/a	n/a	n/a	n/a	n/a
											4												0
06400900	Fall River	7/18/1969	3.13	396214	n/a	1.05	wet1	1.43	wet2	0	4	1.51	**66**	**46**	**82**	90	**64**	3.13	117	8	490	15	15
06400900	Fall River	6/12/1970	2.64	396214	n/a	0.03	dry1	0.03	dry2	0	4	1.51	**66**	**46**	**82**	3	**48**	2.64	67	1	355	8	8
06400900	Fall River	5/23/1971	4.36	396214	3.70: 6304	0	dry1	0.21	dry2	0	4	1.51	**66**	**46**	**82**	12	**41**	4	229	25	748	75	75
06400900	Fall River	7/21/1972	0.03	396214	0.03: 6304	0	dry1	0.37	dry2	0	4	1.51	**66**	**46**	**82**	1	**n/a**	n/a	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
06400900	Fall River	1973	n/a	396214			dry1		dry2		4	1.51	**66**	**46**	**82**	7	**n/a**	n/a	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
06400900	Fall River	1974	n/a	396214			dry1		dry2		4	1.51	**66**	**46**	**82**	7	**n/a**	n/a	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
06400900	Fall River	1975	n/a	396214			dry1		dry2		4	1.51	**66**	**46**	**82**	7	**n/a**	n/a	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
06400900	Fall River	2/10/1976	0.12	396214	0.18: 6304	0	dry1	0.21	dry2	3: 3 days	4	1.51	**66**	**46**	**82**	3	**n/a**	n/a	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
06400900	Fall River	8/22/1977	0.93: 8/22-23	396214	0.02: 6304	0.01	dry1	0.01	dry2	0	4	1.51	**66**	**46**	**82**	15	**81**	0.93	0	0	17	<1	0.7
06400900	Fall River	8/27/1978	0.06	396214	0: 6304	0	dry1	0.14	dry2	0	4	1.51	**66**	**46**	**82**	66	**n/a**	n/a	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
06400900	Fall River	1979	n/a	396214			dry1		dry2		4	1.51	**66**	**46**	**82**	0	**n/a**	n/a	**n/a**	**n/a**	**n/a**	**n/a**	**n/a**
											4												0
											4												0
											4												0
											4												0
											4												0
06402100	Fall River	7/27/1970	1.82 (7/28)	394007	n/a	0	dry1	0.55	dry2	0	4	3.80	**82**	**66**	**92**	40	**66**	1.82	**536**	**43**	**1218**	**2**	**2**
06402100	Fall River	5/30/1971	1.65	394007	n/a	0	dry1	3.34; 3.33(5/23	wet2	0	4	3.80	**82**	**66**	**92**	1	**56**	1.65	417	21	1048	1.5	1.5
06402100	Fall River	6/25/1972	0.45	394007	n/a	0	dry1	0.57	dry2	0	4	3.80	**82**	**66**	**92**	3	**87**	0.45	0	0	51	<1	0.7
06402100	Fall River	1973	n/a	394007	n/a		dry1		dry2		4	3.80	**82**	**66**	**92**	13	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06402100	Fall River	1974	n/a	394007	n/a		dry1		dry2		4	3.80	**82**	**66**	**92**	13	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06402100	Fall River	6/19/1975	1.74	394007	n/a	0.7	ave1	0.86	ave2	0	4	3.80	**82**	**66**	**92**	19	**64**	1.74	480	31	1141	2	2
06402100	Fall River	7/31/1976	2.2	394007	n/a	0.24	dry1	0.25	dry2	0	4	3.80	**82**	**66**	**92**	19	**58**	2.2	822	128	1600	4	4
06402100	Fall River	7/4/1977	1.15 (7/5)	394007	n/a	0	dry1	0.18	dry2	0	4	3.80	**82**	**66**	**92**	53	**78**	1.15	134	1	571	<1	0.7
06402100	Fall River	8/15/1978	2.17 (8/14-15)	394007	n/a	0	dry1	0.3	dry2	0	4	3.80	**82**	**66**	**92**	46	**61**	2.17	822	128	1600	3.5	3.5
06402100	Fall River	6/16/1979	1.20 (6/16-17)	394007	n/a	0	dry1	0.07	dry2	0	4	3.80	**82**	**66**	**92**	29	**75**	1.2	157	2	615	<1	0.7
																							0
																							0
06403800	Pennington	Jun-56	0.53: 6/18	393868	n/a	0.38	dry1	0.4	dry2	0	5	0.62	**74**	**55**	**88**	3	**85**	0.53	**0**	**0**	7	<1	0.7
06403800	Pennington	6/4/1957	0	393868	n/a		dry1		dry2		5	0.62	**74**	**55**	**88**	4	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	1958	n/a	393868	n/a		dry1		dry2		5	0.62	**74**	**55**	**88**	0	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	1959	n/a	393868	n/a		dry1		dry2		5	0.62	**74**	**55**	**88**	0	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	May-60	0.67: 5/25	393868	n/a	0	dry1	0.23	dry2	0	5	0.62	**74**	**55**	**88**	4	**82**	0.67	0	0	22	<1	0.7
06403800	Pennington	May-61	0.56: 5/17	393868	n/a	0	dry1	0	dry2	0	5	0.62	**74**	**55**	**88**	1	**82**	0.56	0	0	9	<1	0.7
06403800	Pennington	6/16/1962	2.93	393868	n/a	0.23	dry1	0.7	dry2	0	5	0.62	**74**	**55**	**88**	5	**n/a**	2.93	231	20	672	9	9
06403800	Pennington	6/21/1963	0: n/a	393868	n/a		dry1		dry2		5	0.62	**74**	**55**	**88**	4		n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	4/6/1964	0.32	393868	n/a	0	dry1	0.09	dry2	3: 11 days	5	0.62	**74**	**55**	**88**	3	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	5/25/1965	3.58	393868	n/a	0.05	dry1	0.16	dry2	20: 15 days	5	0.62	**74**	**55**	**88**	9	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	4/19/1966	0.94	393868	n/a	0.1	dry1	0.55	dry2	14	5	0.62	**74**	**55**	**88**	2	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	6/23/1967	0.55	393868	n/a	0.25	dry1	1.05	ave2	9	5	0.62	**74**	**55**	**88**	16	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	8/18/1968	1.12	393868	n/a	0	dry1	0.28	dry2	0	5	0.62	**74**	**55**	**88**	2	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	4/7/1969	1.1: 4/8	393868	n/a	0	dry1	0	dry2	0	5	0.62	**74**	**55**	**88**	4	**72**	1.1	7	0	105	<1	0.7
06403800	Pennington	6/12/1970	2.26	393868	n/a	0	dry1	0.01	dry2	0	5	0.62	**74**	**55**	**88**	1	**n/a**	2.26	118	6	443	4	4
06403800	Pennington	5/31/1971	1.23	393868	n/a	0	dry1	0.14	dry2	0	5	0.62	**74**	**55**	**88**	4	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	6/9/1972	5.14: 6/10	393868	n/a	0.02	dry1	0.78	ave2	0	5	0.62	**74**	**55**	**88**	1330	**86**	5.14	730	189	1455	100	100
06403800	Pennington	4/20/1973	2.31	393868	n/a	0	dry1	0.04	dry2	4: 11 days	5	0.62	**74**	**55**	**88**	1	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	1974	n/a	393868	n/a		dry1		dry2		5	0.62	**74**	**55**	**88**	1	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	4/8/1975	0: n/a	393868	n/a	0	dry1	0	dry2	7: 10 days	5	0.62	**74**	**55**	**88**	2	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	6/15/1976	4	393868	n/a	0	dry1	0.58	dry2	0	5	0.62	**74**	**55**	**88**	2	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
06403800	Pennington	May-77	0.63: 5/18	393868	n/a	0.19	dry1	0.46	dry2		5	0.62	**74**	**55**	**88**	1	**69**	1.04	5	0	92	<1	0.7
06403800	Pennington	5/30/1978	1.04	393868	n/a	0.44	dry1	0.9	ave2	0	5	0.62	**74**	**55**	**88**	1	**69**	1.04	5	0	92	<1	0.7
06403800	Pennington	7/4/1979	2.44	393868	n/a	0.9	ave1	0.2	dry2	0	5	0.62	**74**	**55**	**88**	15	**58**	2.44	146	10	504	5	5
06403800	Pennington	1980	n/a	393868	n/a		dry1		dry2		5	0.62	**74**	**55**	**88**	4	**n/a**	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06404800	Custer	9/21/1989	1.00 (9/20)	392087	0: 393775	0.4	dry1	0.5	dry2	0	5	7.48	80	63	91	25	76	1	90	0	758	<1	0.7
06404800	Custer	5/29/1990	1.4 (5/28-29)	392087	1.00 (5/29-30): 393775	0	dry1	0.29	dry2	0	5	7.48	80	63	91	168	75	1.4	387	5	1456	1	1
06404800	Custer	6/3/1991	1.42 (6/3-4)	392087	1.34 (6/3-4): 393775	0.83	ave1	2.31	wet2	0	5	7.48	80	63	91	210	76	1.42	387	5	1456	1	1
06404800	Custer	6/21/1992	0.85 (6/20)	392087	0.41 (6/20-21): 393775	0.13	dry1	0.79	ave2	0	5	7.48	80	63	91	18	79	0.85	32	0	525	<1	0.7
06404800	Custer	6/7/1993	2 (6/6-7)	392087	1.43 (6/6-7): 393775	0	dry1	1.16	ave2	0	5	7.48	80	63	91	141	66	2	1110	75	2619	3.5	3.5
06404800	Custer	5/13/1994	0.93 (5/12-13)	392087	0: 393775	0	dry1	0	dry2	0	5	7.48	80	63	91	3.1	72	0.93	59	0	647	<1	0.7
06404800	Custer	5/8/1995	2.60 (5/7-8)	392087	1.79: 393775	0.9	ave1	1.1	ave2	nodata	5	7.48	80	63	91	337	63	2.6	2105	363	3973	7.5	7.5
06404800	Custer	5/27/1996	1.60 (5/26-27)	392087	1.97 (5/26-27): 393775	0.12	dry1	1.48	wet2	0	5	7.48	80	63	91	52	64	1.8	842	34	2220	2	2
06404800	Custer	5/25/1997	1.41	392087	1.30 (5/25); 2.71 (5/25-26): 393775	0.15	dry1	0.49	dry2	0	5	7.48	80	63	91	112	74	1.4	387	5	1456	1	1
06404800	Custer	6/18/1998	2.33 (6/17-18)	392087	2.38 (6/17-18): 393775	0.02	dry1	0.77	ave2	0	5	7.48	80	63	91	126	61	2.3	1557	187	3222	5	5
06404800	Custer	8/1/1999	2.76 (7/31-8/1)	392087	2.73: 393775	0	dry1	0	dry2	0	5	7.48	80	63	91	26	51	2.7	2277	432	4181	8	8
06404800	Custer	4/25/2000	0.68 (4/24-25)	392087	0.84 (4/24-25): 393775	0	dry1	2.56	wet2	12: 4/20 393775	5	7.48	80	63	91	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06404800	Custer	2001	n/a	392087	n/a		dry1		dry2		5	7.48	80	63	91	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06404800	Custer	6/11/2002	0	392087	0: 393775	0.12	dry1	0.85	ave2	0	5	7.48	80	63	91	0.52	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06404800	Custer	5/21/2003	0	392087	0: 393775	0	dry1	0.08	dry2	0	5	7.48	80	63	91	4.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06404800	Custer	3/26/2004	0.02	392087	0: 393775	0	dry1	0	dry2	0	5	7.48	80	63	91	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
											5												0
06405800	Custer	9/7/1989	1.40 (9/7-8)	393775	1.96: 392087	0	dry1	0	dry2	0	5	4.23	77	59	89	1250	88	1.96	470	11	1352	1.7	1.7
06405800	Custer	5/29/1990	1.00 (5/29-30)	393775	1.40: 392087	0	dry1	2.8	wet2	0	5	4.23	77	59	89	111	79	1.2	64	0	531	<1	0.7
06405800	Custer	7/10/1991	0.33 (7/11)	393775	0.33: 392087	0.05	dry1	0.06	dry2	0	5	4.23	77	59	89	48	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06405800	Custer	7/13/1992	1.18 (7/12-13)	393775	1.00: 392087	0	dry1	0.44	dry2	0	5	4.23	77	59	89	4	71	1.1	37	0	436	<1	0.7
06405800	Custer	6/7/1993	1.43 (6/6-7)	393775	2.00: 392087	0	dry1	1.73	wet2	0	5	4.23	77	59	89	115	71	1.7	296	4	1057	1	1
06405800	Custer	10/14/1993	0.1	393775	0.06: 392087	0	dry1	0.36	dry2	0	5	4.23	77	59	89	6.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06405800	Custer	5/8/1995	1.79 (5/7-8)	393775	2.56: 392087	0.93	ave1	1.69	wet2	0	5	4.23	77	59	89	169	66	2.2	684	28	1706	2	2
06405800	Custer	5/27/1996	1.97 (5/26-27)	393775	1.60 (5/26-27): 392087	0.27	dry1	1.93	wet2	0	5	4.23	77	59	89	81	72	1.8	360	6	1168	1.4	1.4
06405800	Custer	5/25/1997	1.30 (5/25; 2.71 (5/25-26)	393775	1.41: 392087	0.45	dry1	0.64	dry2	0	5	4.23	77	59	89	98	76	1.35	117	0	680	1	1
06405800	Custer	6/18/1998	2.38 (6/17-18)	393775	2.33 (6/17-18): 392087	0	dry1	0.36	dry2	0	5	4.23	77	59	89	108	62	2.35	814	47	1895	2	2
06405800	Custer	4/21/1999	0.87	393775	0.43: 392087	0	dry1	0.21	dry2	0	5	4.23	77	59	89	28	81	0.87	5	0	223	<1	0.7
06405800	Custer	4/25/2000	0.84 (4/24-25)	393775	0.68 (4/24-25): 392087	0	dry1	2.2	wet2	12 (4/20) (melted within 1 day)	5	4.23	77	59	89	26	81	0.84	5	0	223	<1	0.7
06405800	Custer	6/4/2001	0.85 (6/3-4)	393775	nodata: 392087	0	dry1	1	ave2	0	5	4.23	77	59	89	41	82	0.85	5	0	223	<1	0.7
06405800	Custer	6/11/2002	0	393775	0: 392087	0	dry1	0.34	dry2	0	5	4.23	77	59	89	1.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06405800	Custer	5/1/2003	1.69 (4/30-5/1)	393775	1.02: 392087	0.35	dry1	1.22	ave2	0	5	4.23	77	59	89	31	72	1.35	117	0	680	1	1
06405800	Custer	2004		n/a	n/a		dry1		dry2		5	4.23	77	59	89	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
											5												0
06406100	Custer	Apr-70	2 (4/18)	393775	n/a	0.22	dry1	1.86	wet2	18	5	3.49	80	63	91	25	62	2	344	29	811	1.7	1.7
06406100	Custer	Apr-71	1.75 (4/19-20)	393775	n/a	0	dry1	0	dry2	0	5	3.49	80	63	91	15	64	1.75	243	12	657	1.3	1.3
06406100	Custer	6/10/1972	2.81	393775	n/a	0	dry1	0.21	dry2	0	5	3.49	80	63	91	100	60	2.81	737	163	1325	5	5
06406100	Custer	4/20/1973	1.91	393775	n/a	0	dry1	0	dry2	nodata	5	3.49	80	63	91	20	63	1.91	306	22	755	1.6	1.6
06406100	Custer	1974	n/a	393775	n/a		dry1		dry2		5	3.49	80	63	91	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406100	Custer	1975	n/a	393775	n/a		dry1		dry2		5	3.49	80	63	91	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406100	Custer	6/15/1976	4.01 (6/14-15)	393775	n/a	0	dry1	0.98	ave2	0	5	3.49	80	63	91	20	41	4.01	1414	531	2101	30	30
06406100	Custer	1977	n/a	393775	n/a		dry1		dry2		5	3.49	80	63	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406100	Custer	Apr-78	1.28	393775	n/a	0	dry1	0	dry2	0	5	3.49	80	63	91	20	73	1.28	90	1	382	1	1
06406100	Custer	1979	n/a	393775	n/a		dry1		dry2		5	3.49	80	63	91	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
											5												0
06406750	Custer	1956	n/a	393868	n/a		dry1		dry2		5	6.55	74	55	88	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406750	Custer	Apr-57	0.48 (4/7)	393868	0.31: 392087	0.22	dry1	0.96	ave2	12	5	6.55	74	55	88	59	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406750	Custer	Aug-58	0.36 (8/20)	393868	0.04: 392087	0	dry1	0.04	dry2	0	5	6.55	74	55	88	17	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406750	Custer	1959	n/a	393868	n/a		dry1		dry2		5	6.55	74	55	88	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406750	Custer	7/11/1960	1.12 (7/12)	393868	0: 392087	0.24	dry1	0.55	dry2	0	5	6.55	74	55	88	7	70	1.12	25	0	691	<1	0.7
06406750	Custer	May-61	0.39 (5/16)	393868	0.53: 392087	0	dry1	0	dry2	0	5	6.55	74	55	88	9	85	0.53	0	0	42	<1	0.7
06406750	Custer	6/16/1962	2.93 (6/15/16)	393868	0.79 (6/15-16): 392087	0.23	dry1	0.7	dry2	0	5	6.55	74	55	88	15	59	1.9	505	5	2083	2	2
06406750	Custer	4/10/1963	1.19	393868	0.85 (8 in snow): 392087	0.01	dry1	0.06	dry2	11	5	6.55	74	55	88	45	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406750	Custer	6/9/1964	2.3	393868	0.74: 392087	0.56	ave1	1.03	ave2	0	5	6.55	74	55	88	24	67	1.5	182	0	1327	1	1
06406750	Custer	7/19/1965	0.76 (7/18-19)	393868	0.64 (7/19-20): 392087	0.04	dry1	0.29	dry2	0	5	6.55	74	55	88	170	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406750	Custer	4/19/1966	0.68	393868	0.77 (12 in snow): 392087	0.36	dry1	0.81	ave2	14	5	6.55	74	55	88	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406750	Custer	6/12/1967	1.30 (6/11-12)	393868	0.85: 392087	0.43	dry1	1.46	wet2	0	5	6.55	74	55	88	23	70	1.3	79	0	981	1	1
06406750	Custer	1968	n/a	393868	n/a		dry1		dry2		5	6.55	74	55	88	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406750	Custer	7/17/1969	3.64 (7/16-17)	393868	2.01 (7/16-17): 392087	0	dry1	0	dry2	0	5	6.55	74	55	88	15	48	2.8	1652	104	3930	8	8
											5												0
											5												0
06406800	Pennington	7/16/1969	1.10; 3.64 (7/16-17)	393868	1.85 (7/16-17): 392228	0	dry1	0	dry2	0	5	8.17	71	52	86	13	64	1.5	87	0	928	1	1
06406800	Pennington	5/13/1970	0.08	393868	0.10: 392228	0.59	ave1	0.78	ave2	0; 18 (5/5): 392228	5	8.17	71	52	86	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406800	Pennington	6/6/1971	0.28 (6/5-6)	393868	0.20: 392228	0.4	dry1	2.29	wet2	0	5	8.17	71	52	86	21	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406800	Pennington	6/15/1972	1.62 (6/16)	393868	0.25: 392228	0	dry1	5.16; 5.14 (6/1	wet2	0	5	8.17	71	52	86	27	44	3.4	1832	200	4140	20	20
06406800	Pennington	5/28/1973	0.18 (5/27-28)	393868	nodata: 392228	0.37	dry1	0.93	ave2	0	5	8.17	71	52	86	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06406800	Pennington	7/18/1974	3.59 (7/17-18)	393868	0.40: 392228	0	dry1	0.03	dry2	0	5	8.17	71	52	86	50	45	3.59	2086	274	4485	25	25
06406800	Pennington	4/28/1975	0.5	393868	1.05: 392228	0	dry1	0.14	dry2	0; 18: 392228	5	8.17	71	52	86	11	78	0.8	0	0	144	<1	0.7
06406800	Pennington	6/15/1976	4 (6/14-15)	393868	4.06 (6/14-15): 392228	0	dry1	0.58	dry2	0	5	8.17	71	52	86	45	41	4	2670	475	5250	37	37
06406800	Pennington	7/27/1977	1.46	393868	0.8 (7/26): 392228	0.52	ave1	0.65	dry2	0	5	8.17	71	52	86	58	70	1.46	73	0	873	1	1
06406800	Pennington	5/19/1978	1.55 (5/18/-19)	393868	1.44 (5/18-19): 392228	0.15	dry1	0.16	dry2	0	5	8.17	71	52	86	51	69	1.5	87	0	928	1	1
06406800	Pennington	7/28/1979	1.29 (7/27-28)	393868	nodata: 392228	0.17	dry1	2.87	wet2	0	5	8.17	71	52	86	8	66	1.29	31	0	645	<1	0.7
											5												0
											5												0

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06408700	Pennington	6/23/1982	1.00 (6/22-23)	392231	n/a	0	dry1	0.29	dry2	0	5	7.98	76	58	89	8.9	73	1	26	0	651	<1	0.7
06408700	Pennington	8/22/1983	0.7	392231	n/a	0.12	dry1	1.58	wet2	0	5	7.98	76	58	89	7.8	80	0.7	2	0	228	<1	0.7
06408700	Pennington	8/8/1984	0	392231	n/a	0	dry1	0.38	dry2	0	5	7.98	76	58	89	9.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	3/16/1985	0	392231	n/a	0	dry1	0.05	dry2	nodata	5	7.98	76	58	89	9.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	6/26/1986	0.78 (6/25)	392231	n/a	0	dry1	0.36	dry2	0	5	7.98	76	58	89	8.3	78	0.78	4	0	325	<1	0.7
06408700	Pennington	3/15/1987	0	392231	n/a	0.09	dry1	0.27	dry2	0	5	7.98	76	58	89	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	6/29/1988	0.19 (6/28-29)	392231	n/a	0	dry1	0.15	dry2	0	5	7.98	76	58	89	7.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	10/17/1988	0.41	392231	n/a	0.06	dry1	0.06	dry2	0	5	7.98	76	58	89	5.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	10/17/1989	0.03	392231	n/a	0.07	dry1	0.07	dry2	0	5	7.98	76	58	89	5.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	4/8/1991	0.19	392231	0.13: 397227	0	dry1	0	dry2	0	5	7.98	76	58	89	4.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	5/21/1992	0.69	392231	1.01 (5/22): 397227	0	dry1	0.09	dry2	0	5	7.98	76	58	89	5.8	75	0.85	7	0	421	<1	0.7
06408700	Pennington	7/20/1993	0	392231	1.79 (7/21): 397227	0	dry1	1.45	wet2	0	5	7.98	76	58	89	6.5	57	1.79	615	9	2323	2	2
06408700	Pennington	6/21/1994	0	392231	0.32 (6/22): 397227	0.02	dry1	0.11	dry2	0	5	7.98	76	58	89	7.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	5/8/1995	2.66	392231	1.87: 397227	0.63	ave1	0.9	ave2	0: 397227	5	7.98	76	58	89	6.6	50	2.3	1362	61	3562	4	4
06408700	Pennington	8/29/1996	2.56	392231	1.30 (8/29-30): 397227	0	dry1	0	dry2	0	5	7.98	76	58	89	8.6	56	1.9	769	14	2606	2	2
06408700	Pennington	7/24/1997	0.73	392231	1.82 (7/23-24): 397227	0	dry1	3.58	wet2	0	5	7.98	76	58	89	10	67	1.3	158	0	1278	<1	0.7
06408700	Pennington	6/18/1998	3 (6/17-18)	392231	3.87 (6/17-18): 397227	0	dry1	0.5	dry2	0	5	7.98	76	58	89	14	42	3.4	3425	690	6320	20	20
06408700	Pennington	6/10/1999	1.33 (6/10-11)	392231	1.68 (6/10-11): 397227	0.04	dry1	1.77	wet2	0	5	7.98	76	58	89	11	64	1.5	317	1	1702	1	1
06408700	Pennington	7/2/2000	1.08	397227	n/a	0	dry1	0.67	dry2	0	5	7.98	76	58	89	12	72	1.08	46	0	786	<1	0.7
06408700	Pennington	7/9/2001	1.94 (7/8-9)	392231	1.08 (7/8-9): 397227	0.57	ave1	0.57 (part missing)	wet2	0: 397227	5	7.98	76	58	89	17	65	1.5	317	1	1702	1	1
06408700	Pennington	7/21/2002	0.44	392231	1.78 (7/20-21): 397227	0.05	dry1	0.05	dry2	0	5	7.98	76	58	89	9.2	58	1.78	615	9	2323	2	2
06408700	Pennington	4/1/2003	0	397227	n/a	0	dry1	0.08	dry2	0	5	7.98	76	58	89	9.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408700	Pennington	7/4/2004	1.2	397227	n/a	nodata	wet1	nodata	wet2	nodata	5	7.98	76	58	89	5.7	67	1.2	95	0	999	<1	0.7
											5												0
											5												0
06408850	Pennington	No CN data.					dry1		dry2		5	6.23	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
06408900	Pennington	5/3/1969	2.00 (5/3-4)	392228	0.63 (5/4): 393868	0	dry1	1.45	wet2	12 (4/29)	5	4.88	74	55	88	15	59	2	344	6	1276	3	3
06408900	Pennington	6/12/1970	1.94 (6/11-12)	392228	2.25: 393868	0	dry1	0.2	dry2	0	5	4.88	74	55	88	10	56	2.1	405	8	1386	3	3
06408900	Pennington	4/17/1971	0.60 (4/16-17)	392228	0.85 (4/18): 393868	0	dry1	0.01	dry2	10 (4/15)	5	4.88	74	55	88	15	83	0.7	0	0	92	<1	0.7
06408900	Pennington	5/11/1972	0.97 (5/10-11)	392228	0.56 (5/10-11): 393868	0	dry1	0.12	dry2	0	5	4.88	74	55	88	5	78	0.8	1	0	148	<1	0.7
06408900	Pennington	4/15/1973	0	393868	n/a	0.04	dry1	0.19	dry2	4 (4/9)	5	4.88	74	55	88	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408900	Pennington	May-74	n/a	392228	n/a		dry1		dry2		5	4.88	74	55	88	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408900	Pennington	4/8/1975	1.1	392228	1.98 (4/7-8): 393868	0.15	dry1	0.25	dry2	28	5	4.88	74	55	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06408900	Pennington	6/15/1976	2.01 (6/15); 4.06 (6/1	392228	2.99 (6/15); 4 (6/14-15): 393868	0	dry1	0.23	dry2	0	5	4.88	74	55	88	6	49	2.5	682	30	1849	5	5
06408900	Pennington	8/8/1977	0.60 (8/7-8)	392228	0.96: 393868	0	dry1	0.61	dry2	0	5	4.88	74	55	88	5	78	0.8	1	0	148	<1	0.7
06408900	Pennington	5/18/1978	2.20 (5/17-18)	392228	1.50 (5/17-18): 393868	0	dry1	0.12	dry2	0	5	4.88	74	55	88	14	61	1.8	235	2	1054	2	2
06408900	Pennington	Apr-79	0: 4/7	392228	n/a	0.06	dry1	0.69	dry2	12	5	4.88	74	55	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
											5												0
06413650	Pennington	7/25/1981	2.91	396947	1.33: 396937	0	dry1	0.66	dry2	0	5	9.77	70	51	85	59	63	1.9	276	0	1561	1.5	1.5
06413650	Pennington	6/29/1982	0.02	396947	0.01: 396937	0	dry1	0.01	dry2	0	5	9.77	70	51	85	64	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06413650	Pennington	6/29/1983	0.15	396947	1.68 (6/29-30): 396937	0	dry1	0.01	dry2	0	5	9.77	70	51	85	64	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06413650	Pennington	5/1/1988	1.44	396947	1.86: 396937	0	dry1	0.35	dry2	5: 4/26	5	9.77	70	51	85	42	69	1.44	58	0	802	1	1
06413650	Pennington	8/24/1989	1.08	396947	0.55: 396937	0	dry1	0.77	ave2	0	5	9.77	70	51	85	178	81	1.08	7	0	360	<1	0.7
06413650	Pennington	8/1/1990	0.41	396947	0.56: 396937	0	dry1	0.14	dry2	0	5	9.77	70	51	85	52	89	0.5	0	0	7	<1	0.7
06413650	Pennington	5/11/1991	2.19	396947	0.61: 396937	0	dry1	0	dry2	0	5	9.77	70	51	85	210	65	2.19	492	8	2068	2	2
06413650	Pennington	7/3/1992	0.61 (7/3-4)	396937	n/a	0.38	dry1	0.51	dry2	0	5	9.77	70	51	85	52	86	0.61	0	0	29	<1	0.7
06413650	Pennington	8/6/1993	1.60 (8/7)	396947	0.13: 396937	0	dry1	0	dry2	0	5	9.77	70	51	85	83	69	1.6	115	0	1072	1	1
06413650	Pennington	5/3/1994	0.93	396947	0.26: 396937	0	dry1	0.47	dry2	8.5: 4/27	5	9.77	70	51	85	80	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06413650	Pennington	7/18/1995	2 (7/19)	396947	0.56: 396937	0	dry1	0.54	dry2	0	5	9.77	70	51	85	112	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06413650	Pennington	7/26/1996	0.16	396947	0: 396937	0	dry1	0.21	dry2	0	5	9.77	70	51	85	59	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06413650	Pennington	6/2/1997	1.04 (6/2-3)	396947	1.43: 396937	0	dry1	3.08	wet2	0	5	9.77	70	51	85	365	81	1.3	28	0	616	<1	0.7
06413650	Pennington	9/13/1998	3.17 (9/13-14)	396947	0.75: 396937	0	dry1	0	dry2	0	5	9.77	70	51	85	280	55	3.17	1575	117	3927	7.5	7.5
06413650	Pennington	6/2/1999	4.00 (6/3)	396947	0.77: 396937	0.06	dry1	0.27	dry2	0	5	9.77	70	51	85	505	52	4	2786	462	5618	33	33
06413650	Pennington	5/17/2000	1.13 (5/18)	396947	0.82: 396937	0	dry1	0.65	dry2	0	5	9.77	70	51	85	37	74	1.13	10	0	414	<1	0.7
06413650	Pennington	6/9/2001	0.99 (6/9-10)	396947	1.28: 396937	0	dry1	1.65	wet2	0	5	9.77	70	51	85	135	78	1.2	16	0	494	<1	0.7
06413650	Pennington	5/11/2002	1.34 (5/11-12)	396947	1.03: 396937	0	dry1	0	dry2	0	5	9.77	70	51	85	31	72	1.2	16	0	494	<1	0.7
											5												0
											5												0
06413800	Pennington	7/25/1981	1.33	396937	n/a	0.71	ave1	0.98	ave2	0	5	2.18	74	55	88	39	77	1.33	21	0	226	<1	0.7
06413800	Pennington	10/12/1981	0.87	396937	n/a	0	dry1	0.48	dry2	0	5	2.18	74	55	88	28	84	0.87	3	0	78	<1	0.7
06413800	Pennington	10/12/1982	3.03: 10/8-9	396937	n/a		dry1		dry2		5	2.18	74	55	88	28	53	3.03	320	35	997	6	6
06413800	Pennington	5/1/1988	1.86	396937	n/a	0	dry1	0.37	dry2	0	5	2.18	74	55	88	12	61	1.86	80	2	442	1.5	1.5
06413800	Pennington	8/24/1989	0.55	396937	n/a	0	dry1	0.69	dry2	0	5	2.18	74	55	88	184	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06413800	Pennington	8/22/1990	0.2	396937	n/a	0	dry1	0	dry2	0	5	2.18	74	55	88	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
											5												0
06416300	Pennington	No USGS peak flow data on web.					dry1		dry2		5	3.15					n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06421750	Pennington	4/25/1970	0	396937	n/a	0	dry1	1.67	wet2	17: 6 days	4	1.50	77	59	89	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06421750	Pennington	3/25/1971	0			0.1	dry1	0.32	dry2	4	4	1.50	77	59	89	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06421750	Pennington	3/12/1972	0.08			0	dry1	0.01	dry2	0	4	1.50	77	59	89	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06421750	Pennington	3/23/1973	0			0.26	dry1	0.26	dry2	14: 8 days	4	1.50	77	59	89	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06421750	Pennington	Feb-74	n/a				dry1		dry2		4	1.50	77	59	89	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06421750	Pennington	4/28/1975	0.77			0	dry1	0	dry2	0	4	1.50	77	59	89	10	83	0.77	2	0	45	<1	0.7
06421750	Pennington	6/15/1976	3.61			0.06	dry1	0.16	dry2	0	4	1.50	77	59	89	18	47	3.61	392	75	905	25	25
06421750	Pennington	4/8/1977	0				dry1		dry2	16: 9 days	4	1.50	77	59	89	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06421750	Pennington	Apr-78	0.65			0.2	dry1	0.27	dry2	0	4	1.50	77	59	89	10	86	0.65	0	0	25	<1	0.7
06421750	Pennington	7/4/1979	1.24			0	dry1	0.3	dry2	0	4	1.50	77	59	89	2	66	1.24	17	0	148	<1	0.7

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
																							0
06422400	Lawrence	No CN data.					dry1		dry2		5	6.15	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06423250	Pennington	No USGS peak flow data on web.					dry1		dry2		4	0.14	need USGS peak flow dat				n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06423400	Pennington	5/30/1970	0.49	394184	0.16: 39811	0	dry1	0.37	dry2	0	4	0.38	81	64	92	1	86	0.49	0	0	10	<1	0.7
06423400	Pennington	5/23/1971	1.41	394184	1.77: 39811	0	dry1	0.09	dry2	0	4	0.38	81	64	92	29	79	1.6	39	2	143	1	1
06423400	Pennington	5/11/1972	1.15	394184	1.48: 39811	0.2	dry1	0.2	dry2	0	4	0.38	81	64	92	15	80	1.3	20	0	100	<1	0.7
06423400	Pennington	5/27/1973	2.77	394184	2.07: 39811	0	dry1	0.12	dry2	0	4	0.38	81	64	92	16	66	2.4	101	12	260	3.5	3.5
06423400	Pennington	4/11/1974	1.65	394184	1.75: 398911	0	dry1	0.18	dry2	nodata	4	0.38	81	64	92	8	71	1.7	45	3	158	1	1
06423400	Pennington	4/28/1975	2.01: 4/27-28	394184	2.4: 398911	0	dry1	0	dry2	nodata	4	0.38	81	64	92	20	69	2.2	84	8	231	3	3
06423400	Pennington	7/11/1976	0	394184	0	0	dry1	0	dry2	0	4	0.38	81	64	92	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06423400	Pennington	4/8/1977	0	394184	0	0	dry1	0	dry2	4: 6 days	4	0.38	81	64	92	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06423400	Pennington	5/27/1978	1.67: 5/28	394184	0.45: 398911	0.57	ave1	1.94	wet2	0	4	0.38	81	64	92	19	76	1.67	43	3	153	1	1
																							0
06430540	Lawrence	No CN data.					dry1		dry2		5	0.07	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
06430800	Lawrence	No CN data.					dry1		dry2		5	3.54	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
06430898	Lawrence	No CN data.					dry1		dry2		5	6.94	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
06432230	Lawrence	No CN data.					dry1		dry2		5	6.71	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											5												0
06432250	Lawrence	No CN data.					dry1		dry2		5	0.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06434800	Butte	1970	n/a	390559	n/a		dry1		dry2		4	3.05	82	66	92	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06434800	Butte	4/20/1971	1.03	390559	1.22: 396054	0	dry1	0	dry2	0	4	3.05	82	66	92	20	76	1.1	58	0	328	<1	0.7
06434800	Butte	6/10/1972	1.69	390559	1.28: 396054	0	dry1	0.04	dry2	0	4	3.05	82	66	92	102	79	1.5	159	13	573	1	1
06434800	Butte	1973	n/a	390559	n/a		dry1		dry2		4	3.05	82	66	92	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06434800	Butte	1974	n/a	390559	n/a		dry1		dry2		4	3.05	82	66	92	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06434800	Butte	6/26/1975	1.31	390559	1.31: 396054	0	dry1	1.01	ave2	0	4	3.05	82	66	92	47	77	1.31	106	5	453	1	1
06434800	Butte	6/15/1976	6.11	390559	3.60: 396054	0.01	dry1	0.43	dry2	0	4	3.05	82	66	92	267	57	4.8	1600	557	2825	100	100
06434800	Butte	6/21/1977	0.26: 6/20	390559	0: 396054	0	dry1	0.88	ave2	0	4	3.05	82	66	92	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06434800	Butte	10/1/1977	1.42	390559	2.03: 396054	0	dry1	0.02	dry2	0	4	3.05	82	66	92	73	74	1.7	219	22	704	2	2
06434800	Butte	6/17/1979	1.54	390559	1.51: 396054	0.03	dry1	0.03	dry2	0	4	3.05	82	66	92	59	76	1.5	159	13	573	1	1
															(alt.)	267	65	3.6 instead of 4.8 above *				75alt	75alt
																							0
06436156	Lawrence	No CN data.					dry1		dry2		5	6.15					n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06437100	Lawrence	No CN data.					dry1		dry2		5	1.32					n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06439050	Meade	3/56	n/a	392852	nodata; 392438		dry1		dry2		4	0.60	83	67	93	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	5/25/1957	1.13	392852	2.35 392438	0	dry1	1.06	ave2	0	4	0.60	83	67	93	31	78	1.7	57	5	179	1.5	1.5
06439050	Meade	1958	n/a	392852	n/a		dry1		dry2		4	0.60	83	67	93	-	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	3/59	n/a	392852	n/a		dry1		dry2	18: 2/24	4	0.60	83	67	93	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	3/21/1960	n/a	392852	11 snow (3/17):392438		dry1		dry2	7: 3/17	4	0.60	83	67	93	16	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	7/27/1961	1.85	392852	2.03: 392438	0	dry1	0.2	dry2	0	4	0.60	83	67	93	30	76	1.9	74	8	210	2	2
06439050	Meade	5/21/1962	3.44	392852	2.49: 392438	0.4	dry1	2.22	wet2	0	4	0.60	83	67	93	208	84	3	184	43	388	17	17
06439050	Meade	4/10/1963	0.9	392852	1.05: 392438	0.1	dry1	0.3	dry2	0	4	0.60	83	67	93	32	88	1	11	0	74	<1	0.7
06439050	Meade	6/8/1964	2.32	392852	n/a	0	dry1	0	dry2	0	4	0.60	83	67	93	23	68	2.32	113	18	277	5	5
06439050	Meade	3/28/1965	n/a	392852	n/a		dry1		dry2	5: 3/28	4	0.60	83	67	93	12	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	4/12/1966	0.61: 4/12-13	392852	n/a	0.11	dry1	0.11	dry2	0	4	0.60	83	67	93	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	6/13/1967	1.99	392852	n/a	0.15	dry1	2.55	wet2	0	4	0.60	83	67	93	275	95	1.99	82	9	224	3	3
06439050	Meade	6/25/1968	1.54	392852	n/a	0.07	dry1	1.86	wet2	0	4	0.60	83	67	93	18	77	1.54	45	4	155	1	1
06439050	Meade	6/25/1969	0.64	392852	n/a	0.43	dry1	0.55	dry2	0	4	0.60	83	67	93	21	92	0.64	2	0	29	<1	0.7
06439050	Meade	8/5/1970	nodata	392852	n/a	nodata	wet1	nodata	wet2	0	4	0.60	83	67	93	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	6/18/1971	1.01: 6/18-19	392852	n/a	0.39	dry1	0.5	dry2	0	4	0.60	83	67	93	59	91	1.01	12	0	75	<1	0.7
06439050	Meade	5/22/1972	0.89	392852	n/a	0.07	dry1	0.13	dry2	0	4	0.60	83	67	93	15	86	0.89	7	0	59	<1	0.7
06439050	Meade	3/73	n/a	392852	n/a		dry1		dry2	4: 3/14	4	0.60	83	67	93	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	4/12/1974	0.85	392852	n/a	0	dry1	0	dry2	nodata	4	0.60	83	67	93	5	83	0.85	5	0	54	<1	0.7
06439050	Meade	4/28/1975	2.11	392852	n/a	0	dry1	0	dry2	0	4	0.60	83	67	93	215	92	2.11	93	12	243	3.3	3.3
06439050	Meade	4/16/1976	0.68	392852	n/a	0	dry1	0	dry2	0	4	0.60	83	67	93	12	89	0.68	2	0	33	<1	0.7
06439050	Meade	8/27/1977	0.8	392852	n/a	0	dry1	0.04	dry2	0	4	0.60	83	67	93	60	94	0.8	4	0	48	<1	0.7
06439050	Meade	3/78	n/a	392852	n/a		dry1		dry2	11: 3/3	4	0.60	83	67	93	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439050	Meade	6/20/1979	2.75	392852	n/a	0.03	dry1	0.05	dry2	0	4	0.60	83	67	93	12	60	2.75	157	33	347	10	10
06439050	Meade	8/20/1980	0.74	392852	n/a	0	dry1	0.62	dry2	0	4	0.60	83	67	93	160	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											4												0
06439060	Meade	6/56	1.01: 6/6	392852	n/a	0	dry1	0.07	dry2	0	4	0.10	84	68	93	8	88	1.01	3	0	17	<1	0.7
06439060	Meade	5/20/1957	0.62	392852	0.38: 392438	0	dry1	1.22	ave2	0	4	0.10	84	68	93	8	94	0.62	0	0	6	<1	0.7
06439060	Meade	1958	n/a	392852	n/a		dry1		dry2		4	0.10	84	68	93	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439060	Meade	3/9/1959	n/a	392852	n/a		dry1		dry2	2: 3/6	4	0.10	84	68	93	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439060	Meade	3/21/1960	n/a	392852	n/a		dry1		dry2	7: 3/17	4	0.10	84	68	93	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439060	Meade	7/27/1961	1.85	392852	2.06: 392438	0	dry1	0.2	dry2	0	4	0.10	84	68	93	4	70	2	22	2	52	3	3
06439060	Meade	5/21/1962	3.44	392852	2.49: 392438	0.4	dry1	2.22	wet2	0	4	0.10	84	68	93	119	97	3	47	12	89	17	17
06439060	Meade	7/15/1963	0.4	392852	n/a	0	dry1	0.37	dry2	0	4	0.10	84	68	93	2	93	0.4	0	0	2	<1	0.7
06439060	Meade	5/6/1964	1.21	392852	n/a	0	dry1	0.64	dry2	0	4	0.10	84	68	93	1	75	1.21	6	0	24	<1	0.7
06439060	Meade	3/28/1965	n/a	392852	n/a		dry1		dry2	5: 3/28	4	0.10	84	68	93	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439060	Meade	4/12/1966	0.37	392852	n/a	0.05	dry1	0	dry2	0	4	0.10	84	68	93	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439060	Meade	6/13/1967	1.99	392852	n/a	0.15	dry1	2.55	wet2	0	4	0.10	84	68	93	46	92	1.99	21	2	52	3	3
06439060	Meade	6/25/1968	1.54	392852	n/a	0.07	dry1	1.92	wet2	0	4	0.10	84	68	93	5	78	1.54	12	1	36	1	1
06439060	Meade	4/29/1969	0	392852	n/a	0.57	ave1	1.1	ave2	2: 4/27	4	0.10	84	68	93	48	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439060	Meade	5/8/1970	0.55: 5/9	392852	n/a	0	dry1	0	dry2	0	4	0.10	84	68	93	8	95	0.55	0	0	5	<1	0.7

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06439060	Meade	5/23/1971	2.6	392852	n/a	0	dry1	0.24	dry2	0	4	0.10	84	68	93	45	86	2.6	36	7	74	7.5	7.5
06439060	Meade	5/22/1972	0.89	392852	n/a	0.07	dry1	0.13	dry2	0	4	0.10	84	68	93	8	90	0.89	2	0	14	<1	0.7
06439060	Meade	1973	n/a		n/a		dry1		dry2		4	0.10				7	n/a						0
											4												0
06439080	Meade	Mar-56	0 (3/1)	392852	n/a	0	dry1	0	dry2	4	4	4.57	84	68	93	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439080	Meade	5/25/1957	1.13 (5/24-25)	392852	2.35 (5/24-25): 392438	0	dry1	1.08	ave2	0	4	4.57	84	68	93	360	74	2.35	800	186	1358	5	5
06439080	Meade	Jun-58	1.21 (6/3-4)	392852	0.24 (6/3-4): 392438	0.22	dry1	0.5	dry2	0	4	4.57	84	68	93	1	64	1.21	162	4	491	<1	0.7
06439080	Meade	1959	n/a	392852	n/a		dry1		dry2		4	4.57	84	68	93	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439080	Meade	3/21/1960	0	392852	0: 392438 (4 in snow)	0	dry1	0.08	dry2	7 (3/17)	4	4.57	84	68	93	125	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439080	Meade	1961	n/a	392852	n/a		dry1		dry2		4	4.57	84	68	93	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439080	Meade	5/21/1962	3.44	392852	2.49 (5/20-21): 392438	0.4	dry1	2.22	wet2	0	4	4.57	84	68	93	2280	94	3.44	1553	611	2196	25	25
06439080	Meade	7/26/1963	0.39	392852	0.03: 392429	0	dry1	0.71	dry2	0	4	4.57	84	68	93	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439080	Meade	6/8/1964	2.3	392852	1.08; 1.56 (6/7-8): 392429	0.02	dry1	0.02	dry2	0	4	4.57	84	68	93	145	72	1.9	502	74	982	2	2
06439080	Meade	5/24/1965	0.70; 1.86 (5/24-25)	392852	1.32; 1.74 (5/24-25): 392429	0.35	dry1	0.5	dry2	0	4	4.57	84	68	93	150	74	1.8	446	57	911	2	2
06439080	Meade	4/12/1966	0.37 (4/11-12)	392852	0.11: 392429	0.05	dry1	0	dry2	0	4	4.57	84	68	93	27	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439080	Meade	6/13/1967	1.99 (6/12-13)	392852	1.23 (6/12-13): 392429	0.15	dry1	2.55	wet2	0	4	4.57	84	68	93	850	90	1.99	555	92	1050	3	3
06439080	Meade	6/25/1968	1.54 (6/24-25)	392852	1.01 (6/24-25): 392429	0.07	dry1	1.86	wet2	0	4	4.57	84	68	93	6	68	1.3	199	7	552	<1	0.7
06439080	Meade	7/17/1969	2.46 (7/16-17)	392852	1.04 (7/16-17): 392429	0	dry1	0	dry2	0	4	4.57	84	68	93	290	80	1.8	446	57	911	2	2
06439080	Meade	6/12/1970	0.63	392852	0.90: 392429	0.05	dry1	0.05	dry2	0	4	4.57	84	68	93	92	88	0.8	36	0	228	<1	0.7
06439080	Meade	5/23/1971	2.60 (5/22-23)	392852	3.01: 392429	0	dry1	0.24	dry2	0	4	4.57	84	68	93	980	82	2.8	1100	338	1707	10	10
06439080	Meade	5/2/1972	1.48 (5/1)	392852	1.18 (5/1-2): 392429	0.27	dry1	0.47	dry2	0	4	4.57	84	68	93	55	76	1.3	199	7	552	<1	0.7
06439080	Meade	5/27/1973	2.04 (5/26-27)	392852	2.50 (5/26-27): 392429	0.02	dry1	0.03	dry2	0	4	4.57	84	68	93	78	63	2.3	766	172	1320	4	4
06439080	Meade	4/12/1974	0.85 (4/11-12)	392852	0.81 (4/11-12): 392429	0	dry1	0	dry2	nodata	4	4.57	84	68	93	140	90	0.8	36	0	228	<1	0.7
06439080	Meade	5/9/1975	0.84 (5/8-9)	392852	0.30: 392429	0.49	dry1	1.16	ave2	0	4	4.57	84	68	93	780	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439080	Meade	6/15/1976	3.05 (6/14-15); 1.35 (6/15)	392852	2.45 (6/15); 3.85 (6/14-15): 392429	0	dry1	0.15	dry2	0	4	4.57	84	68	93	26	63	1.9	502	74	982	2	2
06439080	Meade	6/22/1977	0.18	392852	2.82; 3.62 (6/21-22): 392429	0	dry1	0.69	dry2	0	4	4.57	84	68	93	20	70	1.4	243	12	623	1	1
06439080	Meade	March 78	0 (3/7)	392852	21 in snow: 392429	0	dry1	0.17	dry2	10 (3/7)	4	4.57	84	68	93	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439080	Meade	6/20/1979	2.00 (6/20); 2.75 (6/1	392852	1.39 (6/19-20): 392429	0.03	dry1	0.05	dry2	0	4	4.57	84	68	93	10	56	2.1	638	119	1167	3.3	3.3
06439080	Meade	6/4/1980	0	392852	0: 392429	0	dry1	0.71	dry2	0	4	4.57	84	68	93	42	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0
06439400	Haakon	7/13/1970	0.56	395544	0.15: 393672	0	dry1	0.06	dry2	0	3	0.50	84	68	93	19	91	0.56	2	0	32	<1	0.7
06439400	Haakon	6/6/1971	0.9	395544	0.66 (6/7): 393672	0.01	dry1	1.07	ave2	0	3	0.50	84	68	93	23	86	0.9	14	0	92	<1	0.7
06439400	Haakon	5/1/1972	2.09	395544	2.18: 393672	0.01	dry1	0.88	ave2	0	3	0.50	84	68	93	35	71	2.1	162	21	366	2	2
06439400	Haakon	6/2/1973	0.46	395544	0.23: 393672	0	dry1	2.94	wet2	0	3	0.50	84	68	93	5	90	0.46	0	0	18	<1	0.7
06439400	Haakon	5/19/1974	0.81	395544	0: 393672	0	dry1	0.26	dry2	0	3	0.50	84	68	93	265	98	0.81	8	0	74	<1	0.7
06439400	Haakon	4/9/1975	n/a	395544	n/a		dry1		dry2	23: 4/1	3	0.50	84	68	93	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439400	Haakon	1976	n/a	395544	n/a		dry1		dry2		3	0.50	84	68	93	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439400	Haakon	3/12/1977	0.58	395544	1.08: (9 in snow) 393672	0	dry1	0	dry2	4: 3/5	3	0.50	84	68	93	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06439400	Haakon	4/18/1978	1.32	395544	n/a	0.22	dry1	0.63	dry2	0	3	0.50	84	68	93	11	76	1.32	55	3	183	<1	0.7
06439400	Haakon	6/79	1.81: 6/19-20	395544	n/a	0.02	dry1	0.5	dry2	0	3	0.50	84	68	93	3	60	1.81	119	10	297	1.3	1.3
																							0
06440700	Jackson	1970	n/a	391972	n/a		dry1		dry2		3	4.84	81	64	92	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06440700	Jackson	4/20/1971	2.75 (4/19-20)	391972	1.95 (4/19-20): 394413	0.1	dry1	0.32	dry2	0	3	4.84	81	64	92	404	72	2.4	866	144	1704	3.5	3.5
06440700	Jackson	7/24/1972	1.43 (7/25)	391972	1.01 (7/25): 394413	0.42	dry1	1.56	wet2	0	3	4.84	81	64	92	188	79	1.43	230	5	780	<1	0.7
06440700	Jackson	5/27/1973	3.76 (5/26-27)	394413	n/a	0	dry1	0.16	dry2	0	3	4.84	81	64	92	360	57	3.76	2012	728	3044	21	21
06440700	Jackson	1974	n/a	n/a	n/a		dry1		dry2		3	4.84	81	64	92	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06440700	Jackson	4/8/1975	0.04	391972	nodata: 394413	0.04	dry1	0.04	dry2	nodata; 17 (3/31	3	4.84	81	64	92	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06440700	Jackson	7/2/1976	0.51; 0.75 (7/2-3)	391972	nodata: 394413	0	dry1	0	dry2	0	3	4.84	81	64	92	432	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06440700	Jackson	Apr-77	0 (4/1)	391972	8 in snow (4/1): 394413	0.12	dry1	1.83	wet2	9	3	4.84	81	64	92	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06440700	Jackson	Apr-78	0.79 (4/11-12)	391972	nodata: 394413	0	dry1	0.04	dry2	2	3	4.84	81	64	92	354	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0
																							0
06441200	Stanley	8/10/1970	0.51; 1.3: 8/6-7	399032	2.68 (8/6-7): 396597	0	dry1	1.3	wet2	0	3	0.40	85	70	94	211	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441200	Stanley	4/21/1971	3.28	399032	1.59; 3.20(4/19-21): 396597	0.4	dry1	0.49	dry2	0	3	0.40	85	70	94	24	60	3.2	259	78	467	7.5	7.5
06441200	Stanley	5/1/1972	2.24	399032	0.54: 396597	0	dry1	0.75	ave2	0	3	0.40	85	70	94	33	72	2.24	137	26	298	2	2
06441200	Stanley	3/14/1973	1.42	399032	0.67: 396597	0	dry1	0	dry2	0	3	0.40	85	70	94	25	80	1.42	52	4	159	1	1
06441200	Stanley	4/20/1974	1.80: 4/20-21	399032	1.10: 396597	0	dry1	0.12	dry2	0	3	0.40	85	70	94	76	84	1.8	88	10	222	1	1
06441200	Stanley	5/22/1975	0.13	399032	1.46: 396597	0	dry1	0.23	dry2	0	3	0.40	85	70	94	13	76	1.46	55	5	165	1	1
06441200	Stanley	3/9/1976	n/a	399032	n/a		dry1		dry2	3	3	0.40	85	70	94	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441200	Stanley	6/21/1977	0.07	399032	0.67: 396597	0	dry1	0.12	dry2	0	3	0.40	85	70	94	75	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441200	Stanley	Apr-78	1.64: 4/17-18	399032	1.75: 396597	0.65	ave1	0.98	ave2	0	3	0.40	85	70	94	92	86	1.7	78	7	205	1	1
06441200	Stanley	Jun-79	1.40: 6/16	399032	2.37 (6/19): 396597	0	dry1	0.07	dry2	0	3	0.40	85	70	94	5	72	1.4	50	4	156	1	1
																							0
																							0
06441530	Hughes	6/9/1968	1.93	396597	2.28: 399032	3.11	wet1	4	wet2	0	3	1.33	75	57	88	102	75	2.1	101	7	402	1.9	1.9
06441530	Hughes	7/17/1969	1.86	396597	1.52: 399032	0.03	dry1	1.28	wet2	0	3	1.33	75	57	88	42	74	1.7	49	1	272	1	1
06441530	Hughes	8/7/1970	2.68	396597	1.30: 399032	0	dry1	1.6	wet2	0	3	1.33	75	57	88	59	72	2	87	5	369	1.5	1.5
06441530	Hughes	6/9/1971	3.33	396597	0: 399032	0.48	dry1	1.15	ave2	0	3	1.33	75	57	88	244	72	3.33	312	44	825	8	8
06441530	Hughes	7/9/1972	1.08	396597	0.30: 399032	0.3	dry1	0.36	dry2	0	3	1.33	75	57	88	87	87	1.08	8	0	102	<1	0.7
06441530	Hughes	1973	n/a	396597	n/a		dry1		dry2		3	1.33	75	57	88	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441530	Hughes	5/31/1974	0.65	396597	1.80 (5/30): 399032	0.71	ave1	2.57	wet2	0	3	1.33	75	57	88	1	79	0.65	0	0	20	<1	0.7
06441530	Hughes	9/16/1975	2.03	396597	0: 399032	0	dry1	0	dry2	0	3	1.33	75	57	88	145	79	2.03	91	6	379	1.6	1.6
06441530	Hughes	1976	n/a	396597	n/a		dry1		dry2		3	1.33	75	57	88	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441530	Hughes	8/4/1977	0.88	396597	0.04: 399032	0	dry1	0.02	dry2	0	3	1.33	75	57	88	2	74	0.88	3	0	59	<1	0.7
06441530	Hughes	8/22/1978	1.01	396597	no data	0	dry1	1.01	ave2	0	3	1.33	75	57	88	31	83	1.01	6	0	86	<1	0.7
06441530	Hughes	7/23/1979	1.55	396597	2.53: 399032	0	dry1	0.44	dry2	0	3	1.33	75	57	88	84	75	2	87	5	369	1.5	1.5
																							0
																							0

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06441580	Hughes	6/18/1967	2.69	396597	0.07: 399032	0	dry1	1.41	wet2	0	3	6.48	76	58	89	1320	83	2.69	835	106	1863	4	4
06441580	Hughes	6/9/1968	1.93 (6/8-9)	396597	2.28 (6/8-9): 399032	3.11	wet1	4.01	wet2	0	3	6.48	76	58	89	1010	86	2.1	438	22	1264	1.8	1.8
06441580	Hughes	7/17/1969	1.86 (7/16-17)	396597	1.52 (7/16-17): 399032	0.03	dry1	1.18	ave2	0	3	6.48	76	58	89	455	82	1.7	227	5	878	1	1
06441580	Hughes	8/7/1970	2.68 (8/6-7)	396597	1.30 (8/6-7): 399032	0	dry1	1.6	wet2	0	3	6.48	76	58	89	344	75	2	381	16	1162	1.5	1.5
06441580	Hughes	6/9/1971	3.33	396597	0: 399032	0.48	dry1	1.63	wet2	0	3	6.48	76	58	89	498	63	3.33	1345	289	2531	8	8
06441580	Hughes	7/9/1972	1.08	396597	0.3 (7/8): 399032	0.3	dry1	0.36	dry2	0	3	6.48	76	58	89	42	78	1.08	29	0	347	<1	0.7
06441580	Hughes	1973	n/a	396597	n/a		dry1		dry2		3	6.48	76	58	89	160	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441580	Hughes	1974	n/a	396597	n/a		dry1		dry2		3	6.48	76	58	89	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441580	Hughes	9/16/1975	2.03	396597	0.48 (9/17): 399032	0	dry1	0	dry2	0	3	6.48	76	58	89	596	81	2.03	381	16	1162	1.5	1.5
06441580	Hughes	1976	n/a	396597	n/a		dry1		dry2		3	6.48	76	58	89	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441580	Hughes	9/23/1977	1.48	396597	2.53: 399032	0.14	dry1	0.69	dry2	0	3	6.48	76	58	89	4	61	1.48	144	1	697	1	1
06441580	Hughes	4/17/1978	1.33 (4/16-17)	396597	1.62 (4/16-17): 399032	0.49	dry1	0.67	dry2	0	3	6.48	76	58	89	75	72	1.5	144	1	697	1	1
06441580	Hughes	7/23/1979	1.55	396597	2.53: 399032	0	dry1	0.44	dry2	0	3	6.48	76	58	89	25	60	2	381	16	1162	1.5	1.5
																							0
																							0
																							0
06441670	Hughes	8/10/1956	1.51	396597	n/a	0.05	dry1	1.55	wet2	0	3	0.41	73	54	87	705	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441670	Hughes	6/10/1957	0.76	399032	0.88: 396597	0.18	dry1	1.35	wet2	0	3	0.41	73	54	87	43	91	0.8	0	0	17	<1	0.7
06441670	Hughes	Mar-58	n/a	396597	n/a		dry1		dry2	17: 3/3	3	0.41	73	54	87	5		n/a	n/a	n/a	n/a	n/a	n/a
06441670	Hughes	5/30/1959	0.49	399032	1.11: 396597	0.62	ave1	1.35	wet2	0	3	0.41	73	54	87	62	89	1.11	3	0	47	<1	0.7
06441670	Hughes	5/18/1960	2.06	396597	n/a	0	dry1	0.09	dry2	0	3	0.41	73	54	87	559	n/a	2.06	37	1	176	1.6	1.6
06441670	Hughes	Jun-61	4.87: 6/14	399032	1.25: 396597	0	dry1	0.31	dry2	0	3	0.41	73	54	87	43	63	3.1	119	11	351	6	6
06441670	Hughes	6/15/1962	1.13: 6/15-16	399032	1.97: 396597	0	dry1	0.35	dry2	0	3	0.41	73	54	87	147	86	1.97	31	1	162	1.5	1.5
06441670	Hughes	6/6/1963	0.28	399032	2.31: 396597	0	dry1	1.81	wet2	0	3	0.41	73	54	87	110	79	2.31	54	3	216	2	2
06441670	Hughes	5/2/1964	0.75	399032	1.79: 396597	0	dry1	3.06	wet2	0	3	0.41	73	54	87	24	80	1.3	6	0	68	<1	0.7
06441670	Hughes	Mar-65	n/a	399032	n/a		dry1		dry2	6: 3/28	3	0.41	73	54	87	10		n/a	n/a	n/a	n/a	n/a	n/a
06441670	Hughes	7/13/1966	0.55	399032	2.28: 396597	0	dry1	0.16	dry2	0	3	0.41	73	54	87	160	84	2.28	52	3	211	2	2
06441670	Hughes	6/18/1967	0.07	399032	2.69: 396597	0	dry1	2.44	wet2	0	3	0.41	73	54	87	38	66	2.69	84	7	280	3.8	3.8
06441670	Hughes	4/22/1968	2.12	399032	1.29: 396597	0.25	dry1	0.5	dry2	0	3	0.41	73	54	87	34	77	1.7	17	0	122	1	1
06441670	Hughes	6/25/1969	1.05	399032	2.25: 396597	0	dry1	0.41	dry2	0	3	0.41	73	54	87	65	82	1.7	17	0	122	1	1
06441670	Hughes	8/7/1970	1.3	399032	2.68: 396597	0	dry1	1.7	wet2	0	3	0.41	73	54	87	158	80	2.68	84	7	280	3.8	3.8
06441670	Hughes	7/10/1971	0	399032	0: 396597	0	dry1	0.54	dry2	0	3	0.41	73	54	87	33		n/a	n/a	n/a	n/a	n/a	n/a
06441670	Hughes	7/21/1972	1.03	399032	1.20: 396597	0	dry1	0.23	dry2	0	3	0.41	73	54	87	210	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441670	Hughes	5/27/1973	2.85	399032	1.78: 396597	0	dry1	0	dry2	0	3	0.41	73	54	87	7	59	2.3	54	3	214	2	2
06441670	Hughes	5/28/1974	0.94	399032	1.41: 396597	0	dry1	0	dry2	0	3	0.41	73	54	87	33	84	1.2	4	0	57	<1	0.7
																							0
																							0
06441750	Hughes	8/10/1956	1.51	396597	n/a	0.05	dry1	1.55	wet2	0	3	0.20	83	67	93	172	96	1.51	38	3	121	1	1
06441750	Hughes	6/10/1957	0.76	399032	0.88: 396597	0.18	dry1	1.35	wet2	0	3	0.20	83	67	93	63	96	0.8	3	0	39	<1	0.7
06441750	Hughes	Mar-58	n/a	396597	n/a		dry1		dry2	17: 3/3	3	0.20	83	67	93	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441750	Hughes	7/14/1959	0	399032	0.79: 396597	0.05	dry1	0.36	dry2	0	3	0.20	83	67	93	87	98	0.79	3	0	38	<1	0.7
06441750	Hughes	5/18/1960	0.24	399032	2.06: 396597	0.12	dry1	0.12	dry2	0	3	0.20	83	67	93	284	98	2.06	78	8	189	1.6	1.6
06441750	Hughes	Jun-61	4.87: 6/13-14	399032	1.25:396597	0	dry1	0.31	dry2	0	3	0.20	83	67	93	66	71	3.1	171	45	324	6	6
06441750	Hughes	6/15/1962	1.13: 6/15-16	399032	1.97: 396597	0	dry1	0.35	dry2	0	3	0.20	83	67	93	162	95	1.6	44	3	132	1	1
06441750	Hughes	6/6/1963	0.28	399032	2.31: 396597	0	dry1	1.81	wet2	0	3	0.20	83	67	93	64	78	2.31	99	15	221	2.4	2.4
06441750	Hughes	7/10/1964	1.65	396597	n/a	0	dry1	0.09	dry2	0	3	0.20	83	67	93	88	88	1.65	47	4	138	1	1
06441750	Hughes	4/23/1965	0.75	399032	1.06: 396597	0	dry1	0.11	dry2	0	3	0.20	83	67	93	76	96	0.9	6	0	49	<1	0.7
06441750	Hughes	7/13/1966	0.55	399032	2.28: 396597	0	dry1	0.16	dry2	0	3	0.20	83	67	93	198	92	2.28	96	14	217	2	2
06441750	Hughes	7/18/1967	0	399032	0: 396597	0	dry1	0	dry2	0	3	0.20	83	67	93	135	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06441750	Hughes	6/7/1968	2	399032	4.00: 396597	0	dry1	0.16	dry2	0	3	0.20	83	67	93	60	71	3	162	41	311	5	5
06441750	Hughes	7/17/1969	1.52	399032	1.86: 396597	1.8	wet1	2.2	wet2	0	3	0.20	83	67	93	43	82	1.7	51	4	144	1	1
06441750	Hughes	8/7/1970	1.3	399032	2.68: 396597	0	dry1	1.7	wet2	0	3	0.20	83	67	93	120	88	2	73	7	181	1.5	1.5
06441750	Hughes	6/9/1971	0	399032	3.33: 396597	0.59	ave1	1.05	ave2	0	3	0.20	83	67	93	43	78	2	73	7	181	1.5	1.5
06441750	Hughes	7/21/1972	1.03	399032	1.20: 396597	0	dry1	0.23	dry2	0	3	0.20	83	67	93	43	89	1.1	14	0	71	<1	0.7
06441750	Hughes	5/27/1973	2.85	399032	1.78: 396597	0	dry1	0	dry2	0	3	0.20	83	67	93	8	64	2.3	98	15	220	2	2
06441750	Hughes	5/28/1974	0.94	399032	1.41: 396597	0	dry1	0	dry2	0	3	0.20	83	67	93	21	83	1.2	19	1	83	<1	0.7
					]																		0
																							0
06442050	Hughes	8/7/1956	nodata	399032	n/a		dry1		dry2		3	1.73	83	67	93	976	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442050	Hughes	6/10/1957	0.76	399032	n/a	0.18	dry1	1.35	wet2	0	3	1.73	83	67	93	750	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442050	Hughes	Mar-58	nodata	399032	n/a		dry1		dry2		3	1.73	83	67	93	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442050	Hughes	9/18/1959	1.45	399032	n/a	0.73	ave1	0.73	dry2	0	3	1.73	83	67	93	71	79	1.45	134	9	485	<1	0.7
06442050	Hughes	8/24/1960	0.89: 8/23	399032	n/a	0.27	dry1	1.27	wet2	0	3	1.73	83	67	93	485	98	0.89	23	0	203	<1	0.7
06442050	Hughes	Jun-61	4.87	399032	n/a	0	dry1	0.31	dry2	0	3	1.73	83	67	93	67	47	4.87	1404	514	2407	75	75
06442050	Hughes	6/15/1962	1.13: 6/15-16	399032	n/a	0	dry1	0.35	dry2	0	3	1.73	83	67	93	745	98	1.13	62	1	318	<1	0.7
06442050	Hughes	6/6/1963	0.73: 6/6-7	399032	n/a	0	dry1	1.81	wet2	0	3	1.73	83	67	93	660	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442050	Hughes	7/10/1964	1.43: 7/10-11	393608	n/a	0	dry1	0.12	dry2	0	3	1.73	83	67	93	310	89	1.43	129	9	474	<1	0.7
06442050	Hughes	4/23/1965	0.75	399032	0.81: 393608	0	dry1	0.11	dry2	0	3	1.73	83	67	93	120	91	0.8	14	0	164	<1	0.7
06442050	Hughes	7/13/1966	0.55	399032	2.67: 393608	0	dry1	0.16	dry2	0	3	1.73	83	67	93	240	74	2.67	518	103	1147	3.8	3.8
06442050	Hughes	6/18/1967	0.07; 2.02 (6/14-15)	399032	1.71 (6/18/19):393608	0	dry1	2.44	wet2	0	3	1.73	83	67	93	575	90	1.9	258	26	723	1.2	1.2
06442050	Hughes	4/22/1968	2.12	399032	1.56: 393608	0.25	dry1	0.5	dry2	0	3	1.73	83	67	93	91	76	1.8	228	22	670	1	1
06442050	Hughes	7/17/1969	1.52	399032	1.38: 393608	1.8	wet1	2.2	wet2	0	3	1.73	83	67	93	86	81	1.4	122	8	458	<1	0.7
06442050	Hughes	6/15/1970	0.4	399032	1.25 (6/16): 393608	0	dry1	0.87	ave2	0	3	1.73	83	67	93	580	96	1.25	87	4	379	<1	0.7
06442050	Hughes	4/27/1971	0.88; 3.28 (4/20-21)	399032	1.39: 393608	0	dry1	3.72	wet2	0	3	1.73	83	67	93	68	84	1.1	56	1	303	<1	0.7
06442050	Hughes	7/21/1972	1.03	399032	0: 393608	0	dry1	0.23	dry2	0	3	1.73	83	67	93	118	88	1.03	44	0	268	<1	0.7
06442050	Hughes	5/27/1973	2.85	399032	1.69: 393608	0	dry1	0	dry2	0	3	1.73	83	67	93	45	65	2.3	387	58	942	2	2
06442050	Hughes	5/28/1974	0.94	399032	0.59: 393608	0	dry1	0	dry2	0	3	1.73	83	67	93	38	86	0.8	14	0	164	<1	0.7
06442050	Hughes	4/28/1975	0.18	399032	n/a	0	dry1	0	dry2	0	3	1.73	83	67	93	170	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442050	Hughes	3/20/1976	0	399032	9in (3/6): 393608	0	dry1	0	dry2	3: 7 days	3	1.73	83	67	93	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442050	Hughes	7/2/1977	0	399032	0.52 (7/3): 393608	0.16	dry1	0.64	dry2	0	3	1.73	83	67	93	295	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442050	Hughes	4/17/1978	1.62	399032	0.99 (4/17-18): 393608	0.3	dry1	0.33	dry2	0	3	1.73	83	67	93	192	84	1.62	178	15	575	1	1
06442050	Hughes	6/19/1979	0.44	399032	0.74: 393608	0.02	dry1	1.42	wet2	0	3	1.73	83	67	93	385	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06442050	Hughes	8/20/1980	0.37	399032	0.53: 393608	0.04	dry1	0.88	ave2	0	3	1.73	83	67	93	115	96	0.5	1	0	53	<1	0.7
																							0
																							0
06442380	Lyman	8/10/1956	nodata	398727	n/a		dry1		dry2		3	0.30	84	68	93	37		n/a	n/a	n/a	n/a	n/a	n/a
06442380	Lyman	4/18/1957	0.96: 4/18-19	398727	0.71 (4/17-18): 399032	0.04	dry1	0.04	dry2	0	3	0.30	84	68	93	202	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442380	Lyman	4/6/1958	1.34	398727	0: 399032	0.44	dry1	0.62	dry2	0	3	0.30	84	68	93	50	87	1.34	34	2	110	<1	0.7
06442380	Lyman	9/1/1959	1.4	398727	2.50: 399032	0	dry1	0	dry2	0	3	0.30	84	68	93	214	94	2	86	9	201	1.5	1.5
06442380	Lyman	5/18/1960	2.07	398727	0.24: 399032	0.54	ave1	0.54	dry2	0	3	0.30	84	68	93	128	87	2.07	93	11	211	1.5	1.5
06442380	Lyman	6/14/1961	2.16	398727	4.87: 399032	0.02	dry1	0.25	dry2	0	3	0.30	84	68	93	18	56	3.5	242	72	419	9	9
06442380	Lyman	6/15/1962	0.92	398727	1.13: 399032	0.2	dry1	0.45	dry2	0	3	0.30	84	68	93	302	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442380	Lyman	3/63	0.70: 3/18	398727	0.13: 399032	0	dry1	0	dry2	0	3	0.30	84	68	93	15	90	0.7	3	0	32	<1	0.7
06442380	Lyman	5/3/1964	0.9	398727	0.68 (5/2): 399032	0	dry1	3.02	wet2	0	3	0.30	84	68	93	104	97	0.9	8	0	54	<1	0.7
06442380	Lyman	4/3/1965	0.54	398727	0.15: 399032	0	dry1	0.33	dry2	0	3	0.30	84	68	93	15	92	0.54	1	0	17	<1	0.7
06442380	Lyman	3/14/1966	n/a	398727	n/a		dry1		dry2	8: 3/7	3	0.30	84	68	93	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442380	Lyman	3/28/1967	0	398727	0: 399032	0	dry1	0	dry2	0	3	0.30	84	68	93	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442380	Lyman	4/22/1968	1.9	398727	2.12: 399032	0	dry1	1.33	wet2	nodata	3	0.30	84	68	93	23	73	2	86	9	201	1.5	1.5
06442380	Lyman	4/1/1969	0	398727	0: 399032	0	dry1	0.08	dry2	1: 3/29	3	0.30	84	68	93	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442380	Lyman	5/28/1970	0.97	398727	0.05: 399032	0	dry1	0.04	dry2	0	3	0.30	84	68	93	38	90	0.97	12	0	62	<1	0.7
06442380	Lyman	4/20/1971	1.7	0.05: 398727	2.58: 399032	0	dry1	0	dry2	0	3	0.30	84	68	93	10	72	1.7	60	5	160	1	1
06442380	Lyman	2/72	n/a	n/a	n/a		dry1		dry2	9: 2/11	3	0.30	84	68	93	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442380	Lyman	1973	n/a	n/a	n/a		dry1		dry2		3	0.30	84	68	93	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06442400	Jones	3/19/1956	0	398727	n/a	0	dry1	0	dry2	10: 3/14	3	9.21	87	67	93	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	4/18/1957	0.02 (4/7)	398727	0.21: 393078	0	dry1	1.67	wet2	16 (4/4/)	3	9.21	87	67	93	340	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	4/6/1958	2.34 (4/5-6)	398727	1.04 (4/5-6): 393078	0.44	dry1	0.62	dry2	0	3	9.21	87	67	93	120	69	1.7	746	68	1755	1	1
06442400	Jones	9/18/1959	1.22 (9/17-18)	398727	1.45 (9/17-18): 393078	0.73	ave1	0.73	dry2	0	3	9.21	87	67	93	35	71	1.3	364	11	1159	<1	0.7
06442400	Jones	3/26/1960	0	398727	0: 393078	0	dry1	0	dry2	12 (3/20)	3	9.21	87	67	93	475	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	6/14/1961	2.16 (6/13-14)	398727	4.87 (6/13-14): 393078	0.02	dry1	0.25	dry2	0	3	9.21	87	67	93	60	46	3.5	3262	1264	4800	9	9
06442400	Jones	3/27/1962	0	398727	0: 393078	0	dry1	0.48	dry2	12 (3/25)	3	9.21	87	67	93	180	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	6/6/1963	0.35 (6/5-6)	398727	0.28 (6/5-6): 393078	0	dry1	1.19	ave2	0	3	9.21	87	67	93	72	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	5/3/1964	0.9 (5/2-3)	398727	0.68 (5/2): 393078	0	dry1	3.02	wet2	0	3	9.21	87	67	93	185	86	0.9	99	0	604	<1	0.7
06442400	Jones	4/3/1965	0.54 (4/2-3)	398727	0.15 (4/2-3): 393078	0	dry1	0.33	dry2	3 (3/29)	3	9.21	87	67	93	12	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	3/14/1966	0	398727	0; 4in snow: 393078	0	dry1	0	dry2	7 (3/8)	3	9.21	87	67	93	95	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	6/9/1967	0.29 (6/8)	398727	1.10: 393078	0.9	ave1	0.39	dry2	0	3	9.21	87	67	93	47	80	0.9	99	0	604	<1	0.7
06442400	Jones	6/7/1968	3.72 (6/6-7)	398727	2.00 (6/6-7): 393078	0	dry1	0.32	dry2	0	3	9.21	87	67	93	180	56	2.9	2361	728	3802	4.2	4.2
06442400	Jones	4/1/1969	0	398727	0: 393078	0	dry1	0.08	dry2	0	3	9.21	87	67	93	115	74	1.4	449	19	1306	<1	0.7
06442400	Jones	4/18/1970	0.9	398727	1.40: 393078	0	dry1	2.08	wet2	6 (4/12)	3	9.21	87	67	93	75	72	1.4	449	19	1306	<1	0.7
06442400	Jones	4/20/1971	1.70 (4/19-20)	398727	2.58 (4/19-20): 393078	0	dry1	0	dry2	0	3	9.21	87	67	93	390	65	2.58	1911	490	3278	3	3
06442400	Jones	5/13/1972	0	393078	n/a	0.44	dry1	1.7	wet2	0	3	9.21	87	67	93	136	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	5/27/1973	2.95 (5/26-27)	398727	2.85 (5/26-27): 393078	0	dry1	0.1	dry2	0	3	9.21	87	67	93	65	52	2.9	2361	728	3802	4.2	4.2
06442400	Jones	5/28/1974	0.2	398727	0.94: 393078	0	dry1	0.2	dry2	0	3	9.21	87	67	93	65	80	0.94	118	0	654	<1	0.7
06442400	Jones	4/29/1975	0.72 (4/28-29)	398727	0.35 (4/28-29): 393078	0	dry1	0.24	dry2	0	3	9.21	87	67	93	55	85	0.72	32	0	381	<1	0.7
06442400	Jones	1976	n/a	n/a	n/a		dry1		dry2		3	9.21	87	67	93	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	3/29/1977	2.00 (3/28-29)	396790	1.87 (3/28-29): 393078	0	dry1	0	dry2	0	3	9.21	87	67	93	35	60	2	1080	165	2218	1.5	1.5
06442400	Jones	1978	n/a	n/a	n/a		dry1		dry2		3	9.21	87	67	93	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442400	Jones	7/23/1979	0	396790	2.53: 393078	0	dry1	0.66	dry2	0	3	9.21	87	67	93	35	53	2.53	1840	457	3199	3	3
06442400	Jones	Aug 80	2.35 (8/15-16)	396790	0.33 (8.15-16): 393078	0	dry1	0.86	ave2	0	3	9.21	87	67	93	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0
06442850	Hand	4/3/1969	n/a	395561	n/a		dry1		dry2	2: 3/30	2	0.69	80	63	91	65	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442850	Hand	4/25/1970	n/a	395561	n/a		dry1		dry2	2: 4/19	2	0.69	80	63	91	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442850	Hand	3/14/1971	0	395561	0: 393832	0	dry1	0	dry2	0	2	0.69	80	63	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442850	Hand	3/20/1972	0.05	395561	0.05: 393832	0	dry1	0.1	dry2	0	2	0.69	80	63	91	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442850	Hand	3/14/1973	1.04	395561	1.21: 393832	0	dry1	0	dry2	0	2	0.69	80	63	91	25	83	1.1	11	0	90	<1	0.7
06442850	Hand	1974	n/a	395561	n/a		dry1		dry2		2	0.69	80	63	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442850	Hand	6/20/1975	1.26	395561	0.70: 393832	0	dry1	0.59	dry2	0	2	0.69	80	63	91	6	79	1	7	0	73	<1	0.7
06442850	Hand	3/20/1976	0	395561	0: 393832	0	dry1	0	dry2	0	2	0.69	80	63	91	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442850	Hand	9/23/1977	1.37	395561	1.45: 393832	1.37	wet1	2.2	wet2	0	2	0.69	80	63	91	9	74	1.4	30	1	143	<1	0.7
06442850	Hand	1978	n/a	395561	n/a		dry1		dry2		2	0.69	80	63	91	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442850	Hand	4/79	1.12: 4/10-11	395561	0.45: 393832	0	dry1	0	dry2	0	2	0.69	80	63	91	5	82	0.8	3	0	44	<1	0.7
											2												0
06442960	Jerauld	5/5/1972	0.86	399077	0.35: 393217	0	dry1	2.74	wet2	0	2	5.84	79	62	91	88	86	0.86	15	0	222	<1	0.7
06442960	Jerauld	3/14/1973	1.54	399077	0.87: 393217	0	dry1	0	dry2	0	2	5.84	79	62	91	20	67	1.54	198	6	703	<1	0.7
06442960	Jerauld	4/12/1974	1.19	399077	1.20 (4/11-12): 393217	0	dry1	0	dry2	0	2	5.84	79	62	91	21	73	1.2	81	0	449	<1	0.7
06442960	Jerauld	1975	n/a	399077	n/a		dry1		dry2		2	5.84	79	62	91	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442960	Jerauld	3/20/1976	0	399077	0: 393217	0	dry1	0	dry2	0: 393217	2	5.84	79	62	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442960	Jerauld	3/12/1977	2.76	399077	2.25 (3/11-12): 393217	0	dry1	0	dry2	6: 3/5	2	5.84	79	62	91	50	57	2.5	711	121	1494	2.7	2.7
06442960	Jerauld	1978	n/a	399077	n/a		dry1		dry2		2	5.84	79	62	91	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06442960	Jerauld	7/12/1979	1.24	399077	1.44: 393217	0.15	dry1	0.15	dry2	0	2	5.84	79	62	91	2.5	64	1.3	111	1	522	<1	0.7
06442960	Jerauld	6/27/1980	1.61	399077	3.20: 393217	0.85	ave1	0.85	ave2	0	2	5.84	79	62	91	25	55	2.4	648	100	1409	2	2
																							0
																							0
06445990	Fall River			Only 1 USGS peak			dry1		dry2		4	3.59					n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0
06446250	Shannon	6/68	2.38: 6/6-7	396736	1.54 (6/6-7): 394630	0.64	ave1	0.79	ave2	0	4	1.64	77	59	89	500	86	2.38	212	21	653	3.5	3.5
06446250	Shannon	6/12/1970	1.34	396736	1.60: 394630	0.21	dry1	0.25	dry2	0	4	1.64	77	59	89	41	76	1.5	52	0	288	1	1
06446250	Shannon	9/5/1971	1.86	396736	2.31: 394630	0	dry1	0.1	dry2	0	4	1.64	77	59	89	58	70	2.1	154	12	530	2	2
06446250	Shannon	7/24/1972	0	396736	0.77: 394630	0.83	ave1	1.35	wet2	0	4	1.64	77	59	89	288	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06446250	Shannon	3/14/1973	1.5	396736	1.51: 394630	0	dry1	0	dry2	0	4	1.64	77	59	89	217	87	1.5	52	0	288	1	1
06446250	Shannon	7/18/1974	1.85	396736	0.86 (7/19): 394630	0	dry1	0	dry2	0	4	1.64	77	59	89	484	90	1.85	107	6	425	1.6	1.6
06446250	Shannon	6/16/1975	0.94	396736	n/a	0.11	dry1	0.3	dry2	0	4	1.64	77	59	89	268	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06446250	Shannon	7/21/1976	2.98	396736	n/a	0	dry1	0.3	dry2	0	4	1.64	77	59	89	363	77	2.98	353	46	913	7	7
06446250	Shannon	8/9/1977	1.37	396736	n/a	0	dry1	0.31	dry2	0	4	1.64	77	59	89	353	92	1.37	35	0	240	<1	0.7
06446250	Shannon	8/27/1978	1.56	396736	n/a	0	dry1	0.18	dry2	0	4	1.64	77	59	89	338	90	1.56	60	1	310	1	1
06446250	Shannon	7/4/1979	0; 0.96(7/16)	396736	n/a	0	dry1	0	dry2	0	4	1.64	77	59	89	346	96	0.96	9	0	108	<1	0.7
											4												0
06446300	Pennington	6/68	2.15: 6/6-7	397512	1.92 (6/6-7): 394179	0.8	ave1	0.87	ave2	0	4	2.71	74	55	88	570		2	161	6	787	2	2
06446300	Pennington	6/12/1970	1.8	397512	1.20: 394179	0	dry1	0.01	dry2	0	4	2.71	74	55	88	365		1.5	50	0	453	1	1
06446300	Pennington	5/3/1971	0.55 (5/4)	397512	0.47 (5/4): 394179	0	dry1	0.8	ave2	0	4	2.71	74	55	88	555		0.5	0	0	14	<1	0.7
06446300	Pennington	7/24/1972	0.85 (7/25)	397512	0.42 (7/25): 394179	0.04	dry1	0.79	ave2	0	4	2.71	74	55	88	939		0.6	0	0	29	<1	0.7
06446300	Pennington	7/23/1973	nodata	397512	0.38: 394179		dry1		dry2		4	2.71	74	55	88	425		n/a	n/a	n/a	n/a	n/a	n/a
06446300	Pennington	7/2/1974	0	397512	0.07: 394179	0	dry1	0	dry2	0	4	2.71	74	55	88	306		n/a	n/a	n/a	n/a	n/a	n/a
06446300	Pennington	6/18/1975	1.10 (6/19)	397512	1.18 (6/19): 394179	0.81	ave1	0.81	ave2	0	4	2.71	74	55	88	696		1.1	16	0	228	<1	0.7
06446300	Pennington	4/16/1976	1	397512	1.21: 394179	0.44	dry1	0.8	ave2	0	4	2.71	74	55	88	512		1	10	0	179	<1	0.7
06446300	Pennington	6/18/1979	1.95	397512	2.09 (6/16-17): 394179	0.2	dry1	0.2	dry2	0	4	2.71	74	55	88	675		2	161	6	787	2	2
											4												0
											4												0
06446430	Pennington	7/6/1956	0.04	391972	0.20: 397512	0	dry1	2.22	wet2	0	4	0.17	77	59	89	79	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06446430	Pennington	5/20/1957	0.67	391972	1.48: 397512	0	dry1	1.64	wet2	0	4	0.17	77	59	89	103	97	1.10	3	0	34	<1	0.7
06446430	Pennington	7/4/1958	1.7	391972	2.39: 397512	0	dry1	0.07	dry2	0	4	0.17	77	59	89	196	96	2	33	2	111	2	2
06446430	Pennington	8/60	0.48 (8/6)	391972	0.8 (8/25): 397512	0	dry1	0	dry2	0	4	0.17	77	59	89	73	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06446430	Pennington	5/14/1961	0.76	391972	0: 397512	0	dry1	0	dry2	0	4	0.17	77	59	89	40	94	0.76	1	0	13	<1	0.7
06446430	Pennington	6/15/1962	1.55 (6/15-16)	391972	2.28 (6/16-17): 397512	0.06	dry1	0.13	dry2	0	4	0.17	77	59	89	182	96	1.9	29	2	101	1.8	1.8
06446430	Pennington	6/15/1963	2.57	391972	1.91: 397512	0	dry1	0.11	dry2	0	4	0.17	77	59	89	52	79	2.2	43	3	130	2.8	2.8
06446430	Pennington	6/17/1964	0.92	391972	1.00 (6/18): 397512	1.11	wet1	1.11	ave2	0	4	0.17	77	59	89	329	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06446430	Pennington	5/24/1965	0.99	391972	2.12 (5/24-25): 397512	0.04	dry1	0.08	dry2	0	4	0.17	77	59	89	128	94	1.6	16	0	74	1	1
06446430	Pennington	8/20/1966	1.77	391972	2.23: 397512	0	dry1	0	dry2	0	4	0.17	77	59	89	240	98	2	33	2	111	2	2
06446430	Pennington	9/19/1967	0.37	391972	0.39: 397512	0.08	dry1	0.99	ave2	0	4	0.17	77	59	89	290	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06446430	Pennington	6/7/1968	2.61	391972	2.15: 397512	0.54	ave1	0.65	dry2	0	4	0.17	77	59	89	310	98	2.4	53	4	149	3.5	3.5
06446430	Pennington	7/20/1969	2.14	391972	0.44: 397512	0	dry1	1.79	wet2	0	4	0.17	77	59	89	73	92	1.3	6	0	49	<1	0.7
06446430	Pennington	6/12/1970	0.85	391972	1.80: 397512	0.12	dry1	0.12	dry2	0	4	0.17	77	59	89	73	92	1.3	6	0	49	<1	0.7
06446430	Pennington	5/23/1971	2.16	391972	2.51: 397512	0	dry1	0.33	dry2	0	4	0.17	77	59	89	102	85	2.3	48	4	140	3.1	3.1
06446430	Pennington	8/12/1972	0	391972	0: 397512	0	dry1	0.13	dry2	0	4	0.17	77	59	89	70	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06446430	Pennington	5/27/1973	nodata	391972	1.85: 397512		dry1		dry2		4	0.17	77	59	89	67	85	1.85	26	1	97	1.6	1.6
																							0
06446550	Jackson	Jun-56	1.05: 6/15-16	394184	n/a	0	dry1	0	dry2	0	3	0.31	76	58	89	490	n/a	1.05	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	5/20/1957	0.86	394184	n/a	0.02	dry1	2.37	wet2	0	3	0.31	76	58	89	265	n/a	0.86	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	7/4/1958	1.41	394184	n/a	0	dry1	0.52	dry2	0	3	0.31	76	58	89	185	n/a	1.41	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	6/26/1959	0.93	394184	n/a	0	dry1	0.21	dry2	0	3	0.31	76	58	89	380	n/a	0.93	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	Aug-60	0.83: 8/24-25	394184	n/a	0	dry1	0.06	dry2	0	3	0.31	76	58	89	57	n/a	0.83	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	Aug-61	0.44: 8/21	394184	n/a	0	dry1	0.01	dry2	0	3	0.31	76	58	89	105	n/a	0.44	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	7/27/1962	1.29	394184	n/a	0	dry1	0.4	dry2	0	3	0.31	76	58	89	338	n/a	1.29	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	6/15/1963	1.36	394184	n/a	0	dry1	0.43	dry2	0	3	0.31	76	58	89	125	n/a	1.36	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	6/8/1964	1.61	394184	n/a	0.06	dry1	0.76	ave2	0	3	0.31	76	58	89	558	n/a	1.61	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	5/15/1965	2.56	394184	n/a	0	dry1	1.64	wet2	0	3	0.31	76	58	89	155	n/a	2.56	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	7/28/1966	0.78	394184	n/a	0	dry1	0.57	dry2	0	3	0.31	76	58	89	160	n/a	0.78	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	6/15/1967	2.53	394184	n/a	0	dry1	2.1	wet2	0	3	0.31	76	58	89	170	n/a	2.53	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	6/7/1968	1.92	394184	n/a	0.72	ave1	0.81	ave2	0	3	0.31	76	58	89	260	n/a	1.92	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	7/20/1969	0.92	394184	n/a	0.03	dry1	2.14	wet2	0	3	0.31	76	58	89	213	n/a	0.92	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	6/12/1970	1.2	394184	n/a	0.06	dry1	0.14	dry2	0	3	0.31	76	58	89	43	n/a	1.2	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	5/23/1971	1.41	394184	n/a	0	dry1	0.09	dry2	0	3	0.31	76	58	89	27	n/a	1.41	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	8/2/1972	1.94	394184	n/a	0.02	dry1	0.15	dry2	0	3	0.31	76	58	89	112	n/a	1.94	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	9/2/1973	0.84	394184	n/a	0	dry1	0.07	dry2	0	3	0.31	76	58	89	183	n/a	0.84	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	8/10/1974	1.49	394184	n/a	0	dry1	0	dry2	0	3	0.31	76	58	89	150	n/a	1.49	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	7/31/1975	0.07	394184	n/a	0	dry1	0	dry2	0	3	0.31	76	58	89	250	n/a	0.07	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	7/27/1976	0.33	394184	n/a	0	dry1	0.24	dry2	0	3	0.31	76	58	89	250	n/a	0.33	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	5/26/1977	1.16	394184	n/a	0	dry1	2.01	wet2	0	3	0.31	76	58	89	82	n/a	1.16	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	7/22/1978	2.27	394184	n/a	0	dry1	0.04	dry2	0	3	0.31	76	58	89	450	n/a	2.27	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	6/17/1979	2.09	394184	n/a	0	dry1	0	dry2	0	3	0.31	76	58	89	570	n/a	2.09	n/a	n/a	n/a	n/a	n/a
06446550	Jackson	7/12/1980	0.24	394184	n/a	0	dry1	0.11	dry2	0	3	0.31	76	58	89	575	n/a	0.24	n/a	n/a	n/a	n/a	n/a
											3												0
											3												0
06446800	Jackson	Apr-71	2.99: 4/19-20	394983	1.95 (4/19-20): 394413	0	dry1	0.04	dry2	0	3	1.70	74	55	88	5	56	2	76	3	371	2	2
06446800	Jackson	7/24/1972	0.91: 7/23	394983	1.01 (7/23): 394413	0	dry1	1.09	ave2	0	3	1.70	74	55	88	6	75	1	5	0	85	<1	0.7
06446800	Jackson	9/2/1973	0.48	394983	0.48: 394413	0	dry1	0.67	dry2	0	3	1.70	74	55	88	68	94	0.5	0	0	7	<1	0.7
06446800	Jackson	4/20/1974	1.28: 4/20-21	394983	2.96 (4/20-21): 394413	0	dry1	0.08	dry2	0	3	1.70	74	55	88	330	78	2.96	222	25	709	6.3	6.3
06446800	Jackson	7/31/1975	1.23	394983	n/a	0	dry1	0	dry2	0	3	1.70	74	55	88	46	81	1.23	12	0	140	<1	0.7
06446800	Jackson	1976	n/a	394983	n/a		dry1		dry2		3	1.70	74	55	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06446800	Jackson	9/23/1977	0.53	394983	1.15: 394413	0.21	dry1	0.61	dry2	0	3	1.70	74	55	88	142	89	1.15	10	0	120	<1	0.7
06446800	Jackson	4/18/1978	0.7	394983	n/a	0.03	dry1	0.55	dry2	0	3	1.70	74	55	88	70	91	0.7	0	0	28	<1	0.7
											3												0
											3												0
06447200	Mellette	No CN data.					dry1		dry2		3	4.19					n/a	n/a	n/a	n/a	n/a	n/a	n/a
											3												0
06447490	Bennett	2/15/1971	n/a	395281	n/a		dry1		dry2	8: 2/8	3	8.89	74	55	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06447490	Bennett	1972	n/a	395282	n/a		dry1		dry2		3	8.89	74	55	88	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06447490	Bennett	1973	n/a	395283	n/a		dry1		dry2		3	8.89	74	55	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06447490	Bennett	1974	n/a	395284	n/a		dry1		dry2		3	8.89	74	55	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06447490	Bennett	1975	n/a	395285	n/a		dry1		dry2		3	8.89	74	55	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06447490	Bennett	8/5/1976	1.9	395286	n/a	0	dry1	0.29	dry2	0	3	8.89	74	55	88	46	64	1.9	204	6	727	1.8	1.8
06447490	Bennett	8/13/1977	0.65 (8/14)	395287	n/a	0.01	dry1	2.14	wet2	0	3	8.89	74	55	88	18	84	0.65	0	0	52	<1	0.7
06447490	Bennett	Mar-78	n/a	395288	n/a		dry1		dry2	10: 3/6	3	8.89	74	55	88	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06447490	Bennett	1979	n/a	395289	n/a		dry1		dry2		3	8.89	74	55	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06447490	Bennett	1980	n/a	395290	n/a		dry1		dry2		3	8.89	74	55	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											3												0
											3												0
06448500	Bennett			No USGS peak flow data on web.			dry1		dry2		3	7.31					n/a	n/a	n/a	n/a	n/a	n/a	n/a
											3												0
06449250	Bennett	No CN data.					dry1		dry2		3	8.00					n/a	n/a	n/a	n/a	n/a	n/a	n/a
											3												0
06449700	Todd	3/19/1956	n/a	399367	n/a		dry1		dry2	17: 3/10	3	2.57	75	57	88	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	Jun-57	0.87: 6/15-16	399367	n/a	0	dry1	1.31	wet2	0	3	2.57	75	57	88	66	86	0.87	4	0	91	<1	0.7
06449700	Todd	6/24/1958	0.15	399367	n/a	0.12	dry1	0.22	dry2	0	3	2.57	75	57	88	180	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	Jul-59	0.73: 7/8	399367	n/a	0	dry1	1	ave2	0	3	2.57	75	57	88	10	81	0.73	1	0	51	<1	0.7
06449700	Todd	3/21/1960	n/a	399367	n/a		dry1		dry2	9: 3/14	3	2.57	75	57	88	245	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	5/4/1961	1.13	399367	n/a	0	dry1	0.42	dry2	0	3	2.57	75	57	88	1	66	1.13	16	0	181	<1	0.7
06449700	Todd	Jun-62	2.16: 6/16-17	399367	n/a	0.2	dry1	0.75	ave2	0	3	2.57	75	57	88	646	88	2.16	174	14	671	2	2
06449700	Todd	Feb-63	n/a	399367	n/a		dry1		dry2		3	2.57	75	57	88	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	7/30/1964	1.4	399367	n/a	0	dry1	0.05	dry2	0	3	2.57	75	57	88	45	76	1.4	35	0	293	<1	0.7
06449700	Todd	Mar-65	n/a	399367	n/a		dry1		dry2	6: 3/22	3	2.57	75	57	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	8/31/1966	0	395620	0: 399367	0	dry1	0.2	dry2	0	3	2.57	75	57	88	13	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	6/15/1967	1.01	395620	1.06: 399367	0.42	dry1	2.04	wet2	0	3	2.57	75	57	88	22	80	1	10	0	134	<1	0.7
06449700	Todd	6/7/1968	4.07	395620	0.55: 399367	0	dry1	0.28	dry2	0	3	2.57	75	57	88	510	70	4.07	749	157	1754	25	25
06449700	Todd	5/21/1969	0.95	395620	1.24: 399367	0	dry1	0.02	dry2	0	3	2.57	75	57	88	7	70	1.1	15	0	170	<1	0.7
06449700	Todd	4/16/1970	0.29	395620	14 in snow (4/12): 399367	0	dry1	1.57	wet2	10: 3 days	3	2.57	75	57	88	15		n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	4/20/1971	3.34	395620	1.75 (4/20-21): 399367	0	dry1	0.03	dry2	0	3	2.57	75	57	88	45	62	2.5	257	27	860	3	3
06449700	Todd	7/20/1972	1.2	395620	0.55: 399367	0	dry1	1.49	wet2	0	3	2.57	75	57	88	103	84	1.2	20	0	208	<1	0.7
06449700	Todd	5/27/1973	2.38	395620	3.15: 399367	0	dry1	0.13	dry2	0	3	2.57	75	57	88	30	54	2.8	338	39	1031	4.2	4.2
06449700	Todd	5/29/1974	0	395620	0: 399367	0	dry1	0.05	dry2	0	3	2.57	75	57	88	13	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	1975	n/a	395620	n/a		dry1		dry2		3	2.57	75	57	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449700	Todd	7/3/1976	0.84: 7/3-4	395620	1.15: 399367	0.23	dry1	0.23	dry2	0	3	2.57	75	57	88	14	77	1	10	0	134	<1	0.7
06449700	Todd	5/9/1977	2.36(5/9-10)	395620	1.00: 399367	1.27	wet1	1.32	wet2	0	3	2.57	75	57	88	970	90	2.36	222	21	781	2.6	2.6
06449700	Todd	Apr-78	1.09: 4/15-16	395620	1.75 (4/17-18): 399367	0.15	dry1	0.41	dry2	0	3	2.57	75	57	88	25	73	1.4	35	0	293	<1	0.7
06449700	Todd	6/16/1979	2.85	395620	1.16: 399367	0	dry1	0.31	dry2	0	3	2.57	75	57	88	134	66	2.85	352	41	1058	4.4	4.4
06449700	Todd	1980	n/a	395620	n/a		dry1		dry2		3	2.57	75	57	88	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											3												0
											3												0
06449750	Todd	3/19/1956	n/a	399367	n/a		dry1		dry2	16: 3/12	3	6.30	74	55	88	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449750	Todd	Jun-57	0.73 (6/15)	399367	n/a	0.31	dry1	1.31	wet2	0	3	6.30	74	55	88	160	89	0.73	0	0	115	<1	0.7
06449750	Todd	Jun-58	1.22	399367	n/a	0.7	ave1	1.53	wet2	0	3	6.30	74	55	88	18	71	1.22	39	0	524	<1	0.7
06449750	Todd	1959	n/a	399367	n/a		dry1		dry2		3	6.30	74	55	88	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449750	Todd	7/12/1960	0.55	399367	n/a	0	dry1	0	dry2	0	3	6.30	74	55	88	84	90	0.55	0	0	36	<1	0.7
06449750	Todd	5/14/1961	1.35	399367	n/a	0	dry1	0	dry2	0	3	6.30	74	55	88	2	62	1.35	72	0	656	<1	0.7
06449750	Todd	Jun-62	3.1 (6/22-23)	399367	n/a	0.45	dry1	2.71	wet2	0	3	6.30	74	55	88	122	54	3.1	1403	162	3048	6	6
06449750	Todd	Aug-63	1.15 (8/23)	399367	n/a	0	dry1	0.3	dry2	0	3	6.30	74	55	88	10	71	1.15	26	0	454	<1	0.7
06449750	Todd	6/16/1964	1.7	399367	n/a	0.05	dry1	0.05	dry2	0	3	6.30	74	55	88	20	64	1.7	206	1	1035	1	1
06449750	Todd	Mar-65	n/a	399367	n/a		dry1		dry2	6: 3/25	3	6.30	74	55	88	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449750	Todd	8/31/1966	2.18 (9/1)	395620	399367	0	dry1	0	dry2	0	3	6.30	74	55	88	16	56	2.18	507	14	1631	2	2
06449750	Todd	6/15/1967	1.69 (6/15-16)	395620	399367	0.45	dry1	2.07	wet2	0	3	6.30	74	55	88	59	68	1.69	206	1	1035	1	1
06449750	Todd	6/7/1968	4.07	395620	399367	0	dry1	0.28	dry2	0	3	6.30	74	55	88	548	54	4.07	2521	587	4463	25	25
06449750	Todd	Mar-69	n/a	395620	399367		dry1		dry2	5: 3/11	3	6.30	74	55	88	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06449750	Todd	6/15/1970	0.71 (6/16)	395620	399367	0.16	dry1	1.19	ave2	0	3	6.30	74	55	88	390	94	0.71	0	0	115	<1	0.7
											3												0
											3												0
06449800	Mellette	No CN data.					dry1		dry2		3	9.50					n/a	n/a	n/a	n/a	n/a	n/a	n/a
											3												0
											3												0
06451750	Tripp	Mar-71	0.46 (3/18)	395620	11 in. snow (2/23); 6 in. snow (3/1): 399442	0	dry1	0	dry2	5	3	4.00	85	70	94	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06451750	Tripp	7/25/1972	1.50; 1.90 (7/25-26)	395620	1.68: 399442	0	dry1	1.82	wet2	0	3	4.00	85	70	94	180	78	1.6	393	44	856	1	1
06451750	Tripp	5/27/1973	2.38 (5/26-27)	395620	3.55 (5/26-27): 399442	0	dry1	0.13	dry2	0	3	4.00	85	70	94	90	56	3	1315	496	1940	5	5
06451750	Tripp	4/12/1974	1.10 (4/11-12)	395620	1.04 (4/11-12): 399442	0	dry1	0.02	dry2	0	3	4.00	85	70	94	28	77	1.1	146	3	485	<1	0.7
06451750	Tripp	6/21/1975	0.64; 1.20 (6/21-22)	395620	0.33: 399442	0.21	dry1	1.27	wet2	0	3	4.00	85	70	94	96	91	0.64	15	0	178	<1	0.7
06451750	Tripp	1976	n/a	395620	n/a		dry1		dry2		3	4.00	85	70	94	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06451750	Tripp	5/6/1977	1.27 (5/7)	395620	1.04 (5/7): 399442	0	dry1	0.11	dry2	0	3	4.00	85	70	94	184	85	1.2	189	7	559	<1	0.7
06451750	Tripp	4/29/1978	0	395620	0.72: 399442	0	dry1	0.97	ave2	nodata (4/17-30; 3 (4/16)	3	4.00	85	70	94	111	90	0.72	29	0	226	<1	0.7
06451750	Tripp	6/16/1979	2.85	395620	0.02: 399442	0	dry1	0.31	dry2	0	3	4.00	85	70	94	111	59	2.85	1207	429	1822	4.3	4.3
06451750	Tripp	6/7/1980	0.35 (6/6-7)	395620	0.32: 399442	0	dry1	0.32	dry2	0	3	4.00	85	70	94	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0
																							0
06452250	Gregory	6/11/1970	1.73: 6/11-12	390043	1.45 (6/11-12): 393452	0	dry1	0	dry2	0	2	2.34	84	68	93	65	75	1.6	251	22	727	1	1
06452250	Gregory	Mar-71	n/a	390043	n/a	n/a	wet1	n/a	wet2	9: 3/2	2	2.34	84	68	93	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06452250	Gregory	5/11/1972	3.25 (5/11-13); 1.6 (5-11-12)	390043	3.61 (5/11-13); 1.94 (5/11-12): (393452	0	dry1	0.1	dry2	0	2	2.34	84	68	93	70	74	1.8	328	31	863	1	1
06452250	Gregory	3/14/1973	1.49	390043	1.70: 393452	0	dry1	0	dry2	0	2	2.34	84	68	93	30	71	1.6	251	22	727	1	1
06452250	Gregory	1974	n/a	390043	n/a		dry1		dry2		2	2.34	84	68	93	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06452250	Gregory	Apr-75	n/a	390043	n/a		dry1		dry2	7: 4/2	2	2.34	84	68	93	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06452250	Gregory	1976	n/a	390043	n/a		dry1		dry2		2	2.34	84	68	93	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06452250	Gregory	4/20/1977	1.32	390043	1.56: 393452	1.41	wet1	2.2	wet2	0	2	2.34	84	68	93	36	75	1.4	181	12	590	<1	0.7
06452250	Gregory	4/29/1978	0.78	390043	1.05: 393452	0	dry1	0.72	dry2	0	2	2.34	84	68	93	55	82	1.05	75	1	358	<1	0.7
06452250	Gregory	6/16/1979	0.98	390043	0.97: 393452	0	dry1	0.45	dry2	0	2	2.34	84	68	93	66	84	1	63	0	327	<1	0.7
																							0
06453150	Hutchinson	4/18/1970	1.25: 4/18-19	396462	1.16 (4/18-19): 398767	0	dry1	2.46	wet2	0	1	0.54	82	66	92	6	77	1.2	18	0	88	<1	0.7

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06453150	Hutchinson	6/9/1971	1.37	396462	1.51 (6/10): 398767	1.15	wet1	1.72	wet2	0	1	0.54	82	66	92	82	90	1.3	24	1	102	<1	0.7
06453150	Hutchinson	5/22/1972	2.05	396462	0.67: 398767	0.04	dry1	0.04	dry2	0	1	0.54	82	66	92	177	90	2.05	79	8	213	1	1
06453150	Hutchinson	3/14/1973	1.09	396462	1.51: 398767	0	dry1	0.49	dry2	0	1	0.54	82	66	92	30	86	1.09	13	0	74	<1	0.7
06453150	Hutchinson	6/21/1974	0	396462	0: 398767	0	dry1	0.43	dry2	0	1	0.54	82	66	92	79	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06453150	Hutchinson	8/22/1975	2.56	398767	n/a	0	dry1	2.64	wet2	0	1	0.54	82	66	92	103	80	2.56	125	22	290	2	2
06453150	Hutchinson	2/15/1976	0.34	398767	n/a	0.05	dry1	0.05	dry2	0	1	0.54	82	66	92	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06453150	Hutchinson	3/12/1977	1.57	398767	n/a	0	dry1	0	dry2	8: 7 days	1	0.54	82	66	92	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06453150	Hutchinson	5/28/1978	1.12	398767	n/a	0	dry1	0.27	dry2	0	1	0.54	82	66	92	29	86	1.12	14	0	78	<1	0.7
06453150	Hutchinson	4/12/1979	1.01	398767	n/a	0.03	dry1	0.03	dry2	0	1	0.54	82	66	92	20	85	1.01	9	0	63	<1	0.7
																							0
																							0
06463950	Todd		No USGS peak flow data on web.				dry1		dry2		3	12.60					n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
06471400	McPherson	1956	n/a	394891	n/a: 391873	n/a	wet1	n/a	wet2	n/a	2	6.34	81	64	92	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	8/8/1957	1.83	394891	2.41 (8/9): 391873	0	dry1	0	dry2	0	2	6.34	81	64	92	15	57	2.1	310	52	663	1.4	1.4
06471400	McPherson	3/4/1958	0	394891	1.72 (2/27): 391873	0	dry1	1.78	wet2	1	2	6.34	81	64	92	23	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	Mar-59	n/a	394891	n/a: 391873		dry1		dry2	3:3/5	2	6.34	81	64	92	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	3/30/1960	0.04	394891	5 in snow (3/25): 391873	0	dry1	0.03	dry2	5: 3/24	2	6.34	81	64	92	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	1961	n/a	394891	n/a: 391873		dry1		dry2		2	6.34	81	64	92	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	7/4/1962	1.18	394891	0.78: 391873	0	dry1	1.35	wet2	0	2	6.34	81	64	92	20	79	0.94	28	0	162	<1	0.7
06471400	McPherson	6/9/1963	0.67	394891	1.85: 391873	2.05	wet1	2.4	wet2	0	2	6.34	81	64	92	7	67	1.3	87	2	297	<1	0.7
06471400	McPherson	5/3/1964	3.92	394891	1.83: 391873	0	dry1	2.63	wet2	0	2	6.34	81	64	92	33	52	2.9	572	168	991	3.5	3.5
06471400	McPherson	4/5/1965	0.2	394891	n/a: 391873	0.85	ave1	1.05	ave2	5: 3/30	2	6.34	81	64	92	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	3/13/1966	0	394891	n/a: 391873	0	dry1	0	dry2	11: 3/7	2	6.34	81	64	92	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	6/6/1967	1.44	394891	1.25: 391873	0.3	dry1	0.3	dry2	0	2	6.34	81	64	92	11	68	1.35	97	4	319	<1	0.7
06471400	McPherson	4/20/1968	2.37	394891	2.02: 391873	0	dry1	0.08	dry2	0	2	6.34	81	64	92	21	58	2.2	327	62	680	1.6	1.6
06471400	McPherson	4/9/1969	1.44	394891	10 in snow (4/2): 391873	0	dry1	0	dry2	0	2	6.34	81	64	92	260	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	4/18/1970	0.15	394891	0.45: 391873	0.21	dry1	1.34	wet2	8 (4/14): 391873	2	6.34	81	64	92	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	5/24/1971	1.47	394891	0.92: 391873	0.1	dry1	0.22	dry2	0	2	6.34	81	64	92	52	79	1.2	68	1	260	<1	0.7
06471400	McPherson	3/18/1972	0.52	394891	0.30: 391873	0	dry1	0.01	dry2	20 (3/5): 391873	2	6.34	81	64	92	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	3/14/1973	1.47	394891	0.67: 391873	0	dry1	0	dry2	0	2	6.34	81	64	92	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	5/21/1974	2.63	394891	1.73: 391873	0.03	dry1	0.55	dry2	0	2	6.34	81	64	92	12	55	2.2	327	62	680	1.6	1.6
06471400	McPherson	6/21/1975	1.49	394891	1.03: 391873; 2.85(6/19)	2.4	wet1	3.26	wet2	0	2	6.34	81	64	92	70	75	1.5	130	8	379	<1	0.7
06471400	McPherson	3/12/1976	0.05	394891	0.13: 391873	0.05	dry1	0.12	dry2	4 (3/12): 391873	2	6.34	81	64	92	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	3/12/1977	1.94	394891	2.15: 391873	0	dry1	0	dry2	8: 3/6	2	6.34	81	64	92	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	3/26/1978	n/a	394891	n/a: 391873	0	dry1	0	dry2	10: 3/19	2	6.34	81	64	92	58	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	4/79	1.35: 4/12	394891	1.81: 391873	0	dry1	0	dry2	6: 4/12	2	6.34	81	64	92	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471400	McPherson	3/80	n/a	394891	n/a: 391873		dry1		dry2	6: 3/22	2	6.34	81	64	92	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											2												0
06471450	Brown	1956	n/a	394891	n/a		dry1		dry2		2	0.25	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	1957	n/a	394891	n/a		dry1		dry2		2	0.25	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	3/4/1958	0	394891	0: 391873	0	dry1		dry2	1	2	0.25	79	62	91	14	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	Feb-59	n/a	394891	n/a		dry1		dry2	12: 2/14	2	0.25	79	62	91	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	4/5/1960	0	394891	0: 391873	0.06	dry1	0.93	ave2	5: 3 days	2	0.25	79	62	91	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	1961	n/a	394891	n/a		dry1		dry2		2	0.25	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	7/4/1962	1.18	394891	0.78: 391873	0	dry1	1.35	wet2	0	2	0.25	79	62	91	9	81	1.18	5	0	42	<1	0.7
06471450	Brown	6/9/1963	0.67	394891	1.85: 391873	2.05	wet1	2.4	wet2	0	2	0.25	79	62	91	8	79	1.3	8	0	50	<1	0.7
06471450	Brown	5/3/1964	3.92	394891	1.83: 391873	0	dry1	2.63	wet2	0	2	0.25	79	62	91	5	57	2.9	71	11	180	4.2	4.2
06471450	Brown	4/5/1965	0.2	394891	0.05: 391873	0.85	ave1	1.05	ave2	6: 7 days	2	0.25	79	62	91	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	3/13/1966	0	394891	0: 391873	0	dry1	0	dry2	11: 6 days	2	0.25	79	62	91	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	Mar-67	0	394891	n/a	0	dry1	0	dry2	0	2	0.25	79	62	91	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	6/21/1968	1.25	394891	0.51: 391873	0	dry1	0.52	dry2	0	2	0.25	79	62	91	5	84	0.9	2	0	24	<1	0.7
06471450	Brown	4/9/1969	1.44	394891	0.74: 391873; 10 in. snow(4/2	0	dry1	0	dry2	0	2	0.25	79	62	91	78	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	4/21/1970	0.99: 4/18-19	394891	1.45: 4/18-19: 391873	0.89	ave1	1.44	wet2	0: 391873	2	0.25	79	62	91	4	81	0.99	2	0	29	<1	0.7
06471450	Brown	Apr-71	1.39: 4/27-28	394891	1.10: 391873	0	dry1	0.08	dry2	0: 391873	2	0.25	79	62	91	20	86	1.2	5	0	43	<1	0.7
06471450	Brown	3/18/1972	0.52	394891	0.30: 8innsnow (3/9): 391873	0	dry1	0.1	dry2	0: 391873	2	0.25	79	62	91	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	3/14/1973	1.47	394891	0.67: 391873	0	dry1	0	dry2	0	2	0.25	79	62	91	10	83	1.1	3	0	36	<1	0.7
06471450	Brown	3/29/1974	0.15	394891	0.09: 391873	0	dry1	0.02	dry2	0: 391873	2	0.25	79	62	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	4/8/1975	1.64	394891	n/a	0	dry1	0	dry2	10: 391873	2	0.25	79	62	91	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471450	Brown	4/3/1976	0.75	394891	0.15: 391873	0	dry1	0	dry2	1: 391873	2	0.25	79	62	91	1	79	0.75	1	0	15	<1	0.7
																							0
																							0
06471750	McPherson	3/17/1971	0	394891	0: 399176	0	dry1	0	dry2	0: 399176	2	4.95	74	55	88	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471750	McPherson	3/18/1972	0.52	394891	0: 391873	0.1	dry1	0.1	dry2	20 (3/5): 391873	2	4.95	74	55	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471750	McPherson	3/14/1973	1.47	394891	0.67: 391873	0	dry1	0	dry2	0	2	4.95	74	55	88	15	68	1.47	53	0	121	<1	0.7
06471750	McPherson	5/20/1974	1.56	394891	1.73 (5/20-21): 391873	0	dry1	0.97	ave2	0	2	4.95	74	55	88	23	68	1.56	68	0	307	<1	0.7
06471750	McPherson	6/21/1975	1.49	394891	1.03: 391873; 2.85 (6/19)	2.4	wet1	3.26	wet2	0	2	4.95	74	55	88	88	77	1.49	57	0	314	<1	0.7
06471750	McPherson	7/6/1976	0.98	394891	0.15: 391873	0	dry1	0	dry2	0	2	4.95	74	55	88	13	77	0.98	6	0	346	<1	0.7
06471750	McPherson	3/11/1977	1.29	394891	1.25: 391873	0	dry1	0	dry2	8: 3/6	2	4.95	74	55	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06471750	McPherson	3/78	n/a	394891	n/a: 391873		dry1		dry2	16: 3/8	2	4.95	74	55	88	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											2												0
											2												0
06473300	Edmonds	6/21/1971	1.39	394206	0.66: 397277	0.13	dry1	0.3	dry2	0	2	8.34	72	53	86	6	64	1.39	37	0	289	<1	0.7
06473300	Edmonds	3/17/1972	0.52	394206	nodata: 397277	0.11	dry1	0.11	dry2	3: 3/17	2	8.34	72	53	86	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473300	Edmonds	1973	n/a	394206	n/a: 397277		dry1		dry2		2	8.34	72	53	86	37	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473300	Edmonds	5/21/1974	3.38	394206	nodata: 397277	0.02	dry1	0.28	dry2	0	2	8.34	72	53	86	33	45	3.38	808	130	1780	8.8	8.8
06473300	Edmonds	6/19/1975	1.66	394206	nodata: 397277	0.05	dry1	0.77	ave2	0	2	8.34	72	53	86	10	61	1.66	88	0	446	1	1
06473300	Edmonds	1976	n/a	394206	n/a: 397277		dry1		dry2		2	8.34	72	53	86	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473300	Edmonds	3/12/1977	2.01	394206	nodata: 397277	0	dry1	0	dry2	2: 3/12	2	8.34	72	53	86	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473300	Edmonds	3/24/1978	0	394206	nodata: 397278	0	dry1	0	dry2	0	2	8.34	72	53	86	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473300	Edmonds	6/20/1979	2.8	394206	nodata: 397279	0	dry1	0	dry2	0	2	8.34	72	53	86	15	48	2.8	485	49	1304	4.2	4.2
06473300	Edmonds	4/80	1.37: 4/8	394206	nodata: 397280	0	dry1	0	dry2	0	2	8.34	72	53	86	3	63	1.37	37	0	289	<1	0.7

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06473300	Edmonds	5/10/1999	1.51	394206	1.12: 397277	0	dry1	2.52	wet2	0	2	8.34	72	53	86	50	71	1.51	59	0	363	<1	0.7
06473300	Edmonds	7/11/2000	1.5	394206	0.70 (7/12): 397277	0	dry1	0	dry2	0	2	8.34	72	53	86	5.1	61	1.5	59	0	363	<1	0.7
06473300	Edmonds	4/7/2001	0.76	394206	0.70: 397277	0	dry1	0.15	dry2	0	2	8.34	72	53	86	95	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473300	Edmonds	2002	n/a	394206	n/a: 397277		dry1		dry2		2	8.34	72	53	86	nodata	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473300	Edmonds	5/9/2003	1.04	394206	1.51: 397277	0.65	ave1	3.37	wet2	0	2	8.34	72	53	86	8.2	72	1.04	8	0	139	<1	0.7
06473300	Edmonds	6/10/2004	0.84	394206	1.42 (6/11): 397277	0.03	dry1	0.11	dry2	0	2	8.34	72	53	86	1	72	0.84	1	0	70	<1	0.7
											2												0
											2												0
06473350	Faulk	Drainage area > 10 sq. mi. so don't use.					dry1		dry2		2	37.02					n/a	n/a	n/a	n/a	n/a	n/a	n/a
											2												0
06473400	Faulk	3/13/1971	0	396282	0: 392927	0	dry1	0	dry2	0	2	2.69	76	58	89	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473400	Faulk	3/17/1972	0.13	396282	0.43: 392927	0.11	dry1	0.11	dry2	10: 7 days	2	2.69	76	58	89	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473400	Faulk	3/14/1973	1.02	396282	1.18: 392927	0	dry1	0	dry2	0	2	2.69	76	58	89	10	75	1.1	12	0	114	<1	0.7
06473400	Faulk	5/21/1974	2.54	396282	2.37: 392927	0	dry1	0.24	dry2	0	2	2.69	76	58	89	20	59	2.4	142	18	494	2.8	2.8
06473400	Faulk	6/20/1975	0	396282	1.08: 392927	0	dry1	0.78	ave2	0	2	2.69	76	58	89	65	86	1.08	11	0	109	<1	0.7
06473400	Faulk	4/16/1976	0.46	396282	0.80: 392927	0.03	dry1	0.07	dry2	0	2	2.69	76	58	89	1	84	0.46	0	0	7	<1	0.7
06473400	Faulk	3/12/1977	2.26	396282	2.84: 392927	0	dry1	0	dry2	7: 6 days	2	2.69	76	58	89	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473400	Faulk	Mar-78	n/a	396282	n/a		dry1		dry2	14	2	2.69	76	58	89	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473400	Faulk	6/20/1979	1.84	396282	2.13: 392927	0	dry1	0	dry2	0	2	2.69	76	58	89	37	69	2	88	8	365	1.3	1.3
											2												0
											2												0
06473800	Hand	6/15/1956	0.06	395561	3.29: 398406	0	dry1	0	dry2	0	2	8.73	73	54	87	9	60	1.7	139	0	718	1	1
06473800	Hand	7/3/1957	1.81 (7/2-3)	395561	1.38 (7/2-3): 398406	0.19	dry1	0.46	dry2	0	2	8.73	73	54	87	53	69	1.6	109	0	632	<1	0.7
06473800	Hand	2/27/1958	0.62; 0.77 (2/27-28)	395561	1.53 (2/26-27): 398406	0	dry1	0	dry2	nodata; 5 (3/1)	2	8.73	73	54	87	18	73	1.1	16	0	260	<1	0.7
06473800	Hand	1959	n/a	395561	n/a		dry1		dry2		2	8.73	73	54	87	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	3/30/1960	0	395561	0: 398406	0	dry1	0	dry2	4 (3/25)	2	8.73	73	54	87	325	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	1961	n/a	395561	n/a		dry1		dry2		2	8.73	73	54	87	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	3/27/1962	0	395561	0: 398406	0	dry1	0.74	dry2	nodata; 10 (3/31	2	8.73	73	54	87	80	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	4/16/1963	0.69	395561	0.15: 398406	0	dry1	0.21	dry2	0	2	8.73	73	54	87	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	5/3/1964	3.17 (5/2-3)	395561	1.97 (5/2-3): 397052	0.05	dry1	1.83	wet2	0	2	8.73	73	54	87	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	5/15/1965	1.62 (5/14-15)	395561	1.02 (5/14-15): 397052	0	dry1	0.79	ave2	0	2	8.73	73	54	87	2	63	1.3	41	0	394	<1	0.7
06473800	Hand	Jul-66	2.44 (7/12-13)	395561	4.63 (7/12-13): 398406	0	dry1	0.64	dry2	0	2	8.73	73	54	87	210	54	3.5	1250	212	2683	9	9
06473800	Hand	3/8/1967	0	395561	0: 398406	0.02	dry1	0.22	dry2	3 (3/4)	2	8.73	73	54	87	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	7/26/1968	2.19	395561	1.49; 1.96 (7/26-27): 397052	0.05	dry1	0.05	dry2	0	2	8.73	73	54	87	4	56	1.8	172	1	815	1	1
06473800	Hand	4/3/1969	0	395561	0; 6in snow: 397052	0	dry1	0	dry2	2 (3/30)	2	8.73	73	54	87	410	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	4/20/1970	0.78 (4/19)	395561	1.04: 397052	0.8	ave1	1.54	wet2	4 (4/13)	2	8.73	73	54	87	60	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473800	Hand	Apr-71	2.25 (4/26-27)	395561	1.66 (4/26-27): 398406	0	dry1	1.03	ave2	0	2	8.73	73	54	87	3	53	2	253	8	1007	1.2	1.2
											2												0
											2												0
											2												0
											2												0
06473850	Hand	6/15/1956	0.06	395561	3.29: 398406	0	dry1	0	dry2	0	2	5.34	75	57	88	24	67	1.7	96	2	379	1	1
06473850	Hand	7/3/1957	1.81	395561	1.38: 398406	0.19	dry1	0.46	dry2	0	2	5.34	75	57	88	93	72	1.81	131	5	449	1	1
06473850	Hand	2/27/1958	n/a	395561	n/a: 398406		dry1		dry2	7: 3/2	2	5.34	75	57	88	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	1959	n/a	395561	n/a: 398406		dry1		dry2		2	5.34	75	57	88	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	3/30/1960	0	395561	0: 398406	0	dry1	0	dry2	4: 3/25	2	5.34	75	57	88	221	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	5/17/1961	2.41	395561	1.96: 398406	0	dry1	1.26	wet2	0	2	5.34	75	57	88	1	50	2.2	232	18	632	1.7	1.7
06473850	Hand	3/27/1962	0	395561	0: 398406	0	dry1	0.74	dry2	10: 3/31	2	5.34	75	57	88	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	7/26/1963	0.73	395561	3.40: 398406	0	dry1	0.39	dry2	0	2	5.34	75	57	88	32	61	2.1	204	13	586	1.5	1.5
06473850	Hand	5/3/1964	3.17	395561	nodata: 398406	0.05	dry1	1.83	wet2	0	2	5.34	75	57	88	9	43	3.17	567	118	1121	5	5
06473850	Hand	5/15/1965	1.62	395561	nodata: 398406	0	dry1	0.79	ave2	0	2	5.34	75	57	88	38	69	1.62	96	2	379	1	1
06473850	Hand	3/14/1966	0	395561	0: 398406	0	dry1	0	dry2	9: 3/7	2	5.34	75	57	88	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	6/18/1967	2.8	395561	0.56: 398406	1.41	wet1	3.55	wet2	0	2	5.34	75	57	88	42	54	2.8	427	68	930	3.5	3.5
06473850	Hand	7/26/1968	2.19	395561	nodata: 398406	0.05	dry1	0.05	dry2	0	2	5.34	75	57	88	68	64	2.19	232	18	632	2	2
06473850	Hand	4/3/1969	0	395561	nodata: 398407	0	dry1	0	dry2	1: 4/2	2	5.34	75	57	88	350	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	4/20/1970	n/a	395561	n/a: 398406		dry1		dry2	4: 4/13	2	5.34	75	57	88	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	6/7/1971	0.31	395561	0: 398406	0.11	dry1	0.65	dry2	0	2	5.34	75	57	88	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	7/8/1972	0.93	395561	0.63: 398406	0.14	dry1	0.17	dry2	0	2	5.34	75	57	88	130	89	0.93	6	0	104	<1	0.7
06473850	Hand	3/14/1973	1.04	395561	0.74: 398406	0	dry1	0	dry2	0	2	5.34	75	57	88	75	83	1.04	14	0	149	<1	0.7
06473850	Hand	1974	n/a	395561	n/a: 398406		dry1		dry2		2	5.34	75	57	88	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	6/21/1975	1.67	395561	0.60: 398406	0.32	dry1	0.91	ave2	0	2	5.34	75	57	88	12	63	1.67	96	2	379	1	1
06473850	Hand	4/16/1976	0.18	395561	n/a	0.22	dry1	0.25	dry2	0	2	5.34	75	57	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	3/12/1977	2.37	395561	n/a	0	dry1	0	dry2	15: 3/5	2	5.34	75	57	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473850	Hand	5/7/1978	1.07: 5/7-8	395561	n/a	0.03	dry1	0.13	dry2	0	2	5.34	75	57	88	55	81	1.07	14	0	149	<1	0.7
06473850	Hand	4/11/1979	1.12	395561	n/a	0	dry1	0	dry2	0	2	5.34	75	57	88	100	85	1.12	14	0	149	<1	0.7
06473850	Hand	6/80	nodata	395561	n/a		dry1		dry2		2	5.34	75	57	88	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											2												0
											2												0
06473880	Hand	6/15/1956	3.29	398406	0.06: 395561	0	dry1	0	dry2	0	2	5.94	73	54	87	45	50	3.29	495	91	1035	7	7
06473880	Hand	5/20/1957	1.52 (5/19-20)	395561	1.26 (5/19-20): 398406	0	dry1	2.71	wet2	0	2	5.94	73	54	87	10	67	1.4	35	0	216	<1	0.7
06473880	Hand	May-58	1.52 (5/7)	395561	0.46: 398406	0	dry1	0	dry2	0	2	5.94	73	54	87	10	65	1.52	50	0	256	<1	0.7
06473880	Hand	1959	n/a	395561	n/a		dry1		dry2		2	5.94	73	54	87	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473880	Hand	3/30/1960	0	395561	0: 398406	0	dry1	0	dry2	4: 3/25	2	5.94	73	54	87	120	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473880	Hand	5/17/1961	2.41 (5/16-17)	395561	1.96 (5/16-17): 398406	0	dry1	1.26	wet2	0	2	5.94	73	54	87	6	52	2.2		10	542	2	2
06473880	Hand	6/16/1962	0.88	395561	1.06 (6/16); 2.06 (6/16-17): 398406	0.34	dry1	0.89	ave2	0	2	5.94	73	54	87	50	64	2.06	152	6	490	1	1
06473880	Hand	7/26/1963	0.73	395561	3.40: 398406	0	dry1	0.39	dry2	0	2	5.94	73	54	87	2	77	0.73	0	0	38	<1	0.7
06473880	Hand	5/3/1964	3.17	395561	nodata: 398406	0.05	dry1	1.83	wet2	0	2	5.94	73	54	87	25	48	3.17	458	77	975	5	5
06473880	Hand	5/15/1965	1.62	395561	nodata: 398406	0	dry1	0.79	ave2	0	2	5.94	73	54	87	4	60	1.62	64	0	294	1	1
06473880	Hand	3/14/1966	0	395561	0: 398406	0	dry1	0	dry2	9: 3/7	2	5.94	73	54	87	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473880	Hand	6/15/1967	1.52; 2.93 (6/15-16)	395561	1.12 (6/14-15): 398406	0.34	dry1	1.12	ave2	0	2	5.94	73	54	87	120	60	2.93	378	52	863	4.4	4.4
06473880	Hand	7/26/1968	2.19	395561	nodata: 398406	0.05	dry1	0.05	dry2	0	2	5.94	73	54	87	7	53	2.19	179	10	542	1.7	1.7

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06473880	Hand	4/3/1969	0	395561	nodata: 398406	0	dry1	0	dry2	2: 3/30	2	5.94	73	54	87	265	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473880	Hand	4/20/1970	0.78 (4/19)	395561	nodata: 398406	0.8	ave1	1.54	wet2	4: 4/13	2	5.94	73	54	87	23	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473880	Hand	4/27/1971	2.25 (4/26-27)	395561	1.64 (4/26-27): 398406	0	dry1	1.03	ave2	0	2	5.94	73	54	87	2	54	1.9	111	2	400	1	1
06473880	Hand	7/8/1972	0.93	395561	0.63: 398406	0.14	dry1	0.17	dry2	0	2	5.94	73	54	87	85	60	2.65	297	31	739	3.5	3.5
06473880	Hand	5/27/1973	2.65	395561	1.81 (5/26-27): 398406	0	dry1	0.28	dry2	0	2	5.94	73	54	87	10	54	2.2	179	10	542	2	2
06473880	Hand	5/21/1974	2.32	395561	1.97 (5/20-21): 398406	0.01	dry1	0.32	dry2	0	2	5.94	73	54	87	2	52	2.1	152	6	490	1.5	1.5
06473880	Hand	4/17/1975	1	395561	0.86: 398406	0.02	dry1	0.18	dry2	0	2	5.94	73	54	87	20	78	1	6	0	96	<1	0.7
06473880	Hand	3/20/1976	0	395561	n/a	0	dry1	0	dry2	0	2	5.94	73	54	87	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473880	Hand	3/12/1977	2.37 (3/11-12)	395561	n/a	0	dry1	0	dry2	15: 3/5	2	5.94	73	54	87	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06473880	Hand	5/7/1978	1.07 (5/7-8)	395561	n/a	0.03	dry1	0.13	dry2	0	2	5.94	73	54	87	125	88	1.07	9	0	115	<1	0.7
06473880	Hand	8/28/1979	1.63	395561	n/a	0	dry1	0.48	dry2	0	2	5.94	73	54	87	116	78	1.63	64	0	294	1	1
06473880	Hand	6/4/1980	nodata	395561	n/a		dry1		dry2		2	5.94				1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											2												0
											2												0
06475550	Spink	6/67	2.48: 6/13-14	397052	nodata: 390350	0.32	dry1	0.94	ave2	0	2	4.97	82	66	92	135	70	2.48	325	91	584	2.7	2.7
06475550	Spink	4/19/1968	0.96; 2.87 (4/19-20)	397052	nodata: 390350	0	dry1	0.32	dry2	3: 4/13	2	4.97	82	66	92	46	85	0.96	28	0	124	<1	0.7
06475550	Spink	6/25/1969	1.88	397052	1.31: 390350	0	dry1	0.09	dry2	0	2	4.97	82	66	92	59	75	1.6	125	14	306	1	1
06475550	Spink	3/3/1970	1.04	397052	0.80: 390350	0	dry1	0.08	dry2	1: 2/28	2	4.97	82	66	92	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475550	Spink	6/19/1971	0.79	397052	1.29: 390350	0	dry1	0.95	ave2	0	2	4.97	82	66	92	7	75	1	32	0	134	<1	0.7
06475550	Spink	3/17/1972	0.49	397052	0.32: 390350	0	dry1	0	dry2	5: 3/10	2	4.97	82	66	92	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475550	Spink	3/73	n/a	397052	n/a: 390350		dry1		dry2		2	4.97	82	66	92	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475550	Spink	5/28/1974	0.65	397052	0.68: 390350	0	dry1	1.03	ave2	0	2	4.97	82	66	92	5	82	0.65	5	0	53	<1	0.7
06475550	Spink	5/22/1975	0.40; 1.16 (5/22-23)	397052	1.40 (5/22-23): 390350	0	dry1	0.3	dry2	0	2	4.97	82	66	92	10	70	1.3	73	4	217	<1	0.7
06475550	Spink	3/20/1976	0	397052	0: 390350	0	dry1	0	dry2	1: 3/13	2	4.97	82	66	92	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475550	Spink	3/12/1977	2.36	397052	2.18: 390350	0	dry1	0	dry2	12	2	4.97	82	66	92	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475550	Spink	5/28/1978	nodata	397052	0: 390350		dry1		dry2		2	4.97	82	66	92	138	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475550	Spink	4/79	1.48: 4/12	397052	0.81 (4/11-12): 390350	0	dry1	0	dry2	2: 4/12	2	4.97	82	66	92	5	71	1.1	44	0	160	<1	0.7
											2												0
											2												0
06475850	Spink	5/13/1972	2.16	397007	1.91: 394127	0.46	dry1	0.46	dry2	0	2	3.10	86	72	94	89	76	2	203	59	347	1.2	1.2
06475850	Spink	3/14/1973	0.34	397007	0.63: 394127	0	dry1	0	dry2	0	2	3.10	86	72	94	20	89	0.63	9	0	52	<1	0.7
06475850	Spink	2/27/1974	0	397007	0: 394127	0	dry1	0.42	dry2	nodata	2	3.10	86	72	94	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475850	Spink	4/17/1975	0.58	397007	0.95: 394127	0.03	dry1	0.59	dry2	1	2	3.10	86	72	94	10	82	0.8	22	0	84	<1	0.7
06475850	Spink	3/20/1976	0	397007	0: 394127	0	dry1	0	dry2	10 (3/5): 394132	2	3.10	86	72	94	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475850	Spink	3/12/1977	1.56	397007	3.23: 394127	0	dry1	0	dry2	8: 3/4	2	3.10	86	72	94	35	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475850	Spink	3/78	n/a	397007	8 in. snow (3/7): 394127	n/a	wet1	n/a	wet2	16: 3/7	2	3.10	86	72	94	56	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475850	Spink	4/79	2.03: 4/11-12	397007	1.64 (4/11-12): 394127	0	dry1	0	dry2	6: 4/12	2	3.10	86	72	94	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475850	Spink	7/4/1980	nodata; 2.38 (6/27)	397007	1.68 (7/4-5): 394127	0.9: 394127	wet1	0.91: 394127	wet2	0: 394127	2	3.10	86	72	94	26	70	1.68	143	32	273	1	1
06475850	Spink	9/4/1999	1.06	397007	1.35: 394127	0.09	dry1	2.75	wet2	0	2	3.10	86	72	94	41	82	1.21	69	7	167	<1	0.7
06475850	Spink	7/11/2000	1.74	397007	0.05: 394127	0	dry1	0.43	dry2	0	2	3.10	86	72	94	41	73	1.74	154	37	285	1	1
06475850	Spink	4/7/2001	1.95	397007	2.52: 394127	0	dry1	0	dry2	0	2	3.10	86	72	94	210	83	2.24	249	83	402	2	2
06475850	Spink	3/29/2002	0	397007	0: 394127	0	dry1	0	dry2	10 (3/22): 39412	2	3.10	86	72	94	24	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475850	Spink	3/14/2003	0	397007	394127	0.12	dry1	0	dry2	4 (3/10): 394127	2	3.10	86	72	94	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475850	Spink	2/29/2004	0	397007	0.81: 394127	0	dry1	0	dry2	0	2	3.10	86	72	94	5	80	0.81	22	0	84	<1	0.7
																							0
06475950	Beadle	1968	n/a				dry1		dry2		2	6.90	83	67	93	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475950	Beadle	4/4/1969	0	394127	0 : 394254	0	dry1	0	dry2	9: 3/31	2	6.90	83	67	93	99	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475950	Beadle	6/16/1970	2.69: 6/14-15	394127	1.31 (6/15-16): 394254	0	dry1	0.3	dry2	0	2	6.90	83	67	93	29	62	2	275	59	90	1.2	1.2
06475950	Beadle	4/27/1971	1.02	394127	1.12: 394254	0	dry1	1.06	ave2	0	2	6.90	83	67	93	1	67	1.1	63	0	216	<1	0.7
06475950	Beadle	5/1/1972	2.05	394127	2.44: 394254	0.01	dry1	0.7	dry2	0	2	6.90	83	67	93	23	58	2.2	329	84	625	1.6	1.6
06475950	Beadle	3/14/1973	0.63	394127	0.81: 394254	0	dry1	0.08	dry2	0	2	6.90	83	67	93	10	82	0.7	12	0	90	<1	0.7
06475950	Beadle	2/74	n/a	394127	n/a		dry1		dry2	5: 2/6	2	6.90	83	67	93	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06475950	Beadle	4/17/1975	0.95	394127	0.96: 394254	0.15	dry1	0.38	dry2	0	2	6.90	83	67	93	20	78	1	47	0	183	<1	0.7
06475950	Beadle	3/19/1976	n/a	394127	n/a		dry1		dry2	3: 3/13	2	6.90	83	67	93	2		n/a	n/a	n/a	n/a	n/a	n/a
06475950	Beadle	3/12/1977	3.23	394127	2.50: 394254	0.03	dry1	0	dry2	12: 3/5	2	6.90	83	67	93	30	50	3	590	216	936	4.2	4.2
06475950	Beadle	4/18/1978	1.24	394127	1.80: 394254	0	dry1	0.17	dry2	0	2	6.90	83	67	93	66	76	1.5	143	16	358	<1	0.7
06475950	Beadle	4/79	1.52: 4/10-11	394127	1.83 (4/11-12): 394254	0	dry1	0.15	dry2	3: 4/1	2	6.90	83	67	93	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
																							0
																							0
																							0
06477140	Miner	4/15/1970	0.24	394037	1.74 (4/12-13): 393030	0.42	dry1	1.27	wet2	0	1	5.67	75	57	88	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477140	Miner	3/13/1971	0	394037	n/a	0.16	dry1	0.16	dry2	4 (3/9): 393029	1	5.67	75	57	88	150	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477140	Miner	6/19/1972	0.32	394037	0.30 :393030	0.36	dry1	0.38	dry2	0	1	5.67	75	57	88	59	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477140	Miner	3/73	0.62: 3/13-14	394037	1.05: 393029	0	dry1	0.36	dry2	0	1	5.67	75	57	88	40	86	0.8	2	0	53	<1	0.7
06477140	Miner	2/74	n/a	394037	n/a		dry1		dry2	2 (2/10): 393029	1	5.67	75	57	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477140	Miner	6/9/1975	1.7	394037	1.62: 393030	0	dry1	0.31	dry2	0	1	5.67	75	57	88	1	56	1.7	85	2	299	<1	0.7
06477140	Miner	3/19/1976	n/a	394037	7 in snow (3/13): 393029		wet1		wet2	2: 3/12	1	5.67	75	57	88	10	n/a	n/a		n/a	n/a	n/a	n/a
06477140	Miner	3/12/1977	1.61	394037	2.60: 393030	0	dry1	0	dry2	10 (3/9): 393029	1	5.67	75	57	88	180	n/a	n/a		n/a	n/a	n/a	n/a
06477140	Miner	3/78	n/a	394037	13 in snow (3/7): 393029		dry1		dry2	11: 3/3	1	5.67	75	57	88	110	n/a	n/a		n/a	n/a	n/a	n/a
06477140	Miner	4/79	1.80: 4/11-12	394037	1.81 (4/11-12): 393030	0	dry1	0	dry2	0: 394037	1	5.67	75	57	88	25	65	1.8	102	4	331	1	1
																							0
																							0
06477400	Jerauld	7/26/1968	4.08	399077	n/a	0	dry1	0	dry2	0	2	0.21	77	59	89	39	61	4.08	138	32	281	20	20
06477400	Jerauld	4/3/1969	0	399077	n/a	0	dry1	0.07	dry2	12; 25 4 days	2	0.21	77	59	89	57	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477400	Jerauld	3/3/1970	0	399077	n/a	0	dry1	0.52	dry2	6: 3 days	2	0.21	77	59	89	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477400	Jerauld	3/18/1971	0.45	399077	n/a	0	dry1	0.06	dry2	5	2	0.21	77	59	89	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477400	Jerauld	3/20/1972	0.06	399077	n/a	0	dry1	0.1	dry2	0	2	0.21	77	59	89	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477400	Jerauld	3/14/1973	1.54	399077	n/a	0	dry1	0	dry2	0	2	0.21	77	59	89	25	82	1.54	12	0	61	<1	0.7
06477400	Jerauld	5/20/1974	0.03	399077	n/a	0	dry1	0.3	dry2	0	2	0.21	77	59	89	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477400	Jerauld	4/10/1975	1.05	399077	n/a	0.24	dry1	0.58	dry2	0	2	0.21	77	59	89	10	83	1.05	2	0	27	<1	0.7
06477400	Jerauld	3/19/1976	0	399077	n/a	0	dry1	0.13	dry2	no data	2	0.21	77	59	89	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477400	Jerauld	3/12/1977	2.76	399077	n/a	0	dry1	9	wet2	nodata	2	0.21	77	59	89	15	64	2.76	62	6	164	3.5	3.5

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06477400	Jerauld	Mar-78	n/a	399077	n/a		dry1		dry2		2	0.21	77	59	89	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06477400	Jerauld	Apr-79	n/a	399077	n/a		dry1		dry2		2	0.21	77	59	89	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											2												0
											2												0
											2												0
06478050	Davison	4/18/1969	0	395671	0: 399232	0.18	dry1	0.19	dry2	0	2	3.38	79	62	91	43	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478050	Davison	6/16/1970	1.08	395671	1.27: 399232	0	dry1	1.25	wet2	0	2	3.38	79	62	91	82	85	1.2	34	0	168	<1	0.7
06478050	Davison	6/28/1971	0.7	395671	0.46: 399232	0	dry1	0.07	dry2	0	2	3.38	79	62	91	41	90	0.7	2	0	51	<1	0.7
06478050	Davison	5/27/1972	0.84	395671	0.63: 399232	0	dry1	2.64	wet2	0	2	3.38	79	62	91	115	95	0.7	2	0	51	<1	0.7
06478050	Davison	3/14/1973	1.2	399232	n/a	0	dry1	0	dry2	0	2	3.38	79	62	91	15	75	1.2	34	0	168	<1	0.7
06478050	Davison	6/9/1974	2.5	395671	2.85: 399232	0	dry1	0.07	dry2	0	2	3.38	79	62	91	14	52	2.7	314	71	621	3	3
06478050	Davison	1975	n/a	395671	n/a		dry1		dry2		2	3.38	79	62	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478050	Davison	3/19/1976	n/a: 0	399232	n/a	0	dry1	0	dry2	5/1/1976 7:03	2	3.38	79	62	91	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478050	Davison	8/27/1977	1.15	395671	0.50: 399232	0.03	dry1	1.59	wet2	0	2	3.38	79	62	91	45	82	1.15	29	0	154	<1	0.7
06478050	Davison	7/21/1978	2.67	395671	2.67: 399232	0	dry1	0	dry2	0	2	3.38	79	62	91	24	55	2.67	308	68	611	3	3
06478050	Davison	7/29/1979	1.51	395671	0.65: 399232	0.09	dry1	1.43	wet2	0	2	3.38	79	62	91	21	71	1.5	72	3	251	<1	0.7
																							0
06478200	Hutchinson	9/22/1968	2.52	396462	2.88: 395481	0	dry1	0.29	dry2	0	1	0.81	76	58	89	17	64	2.7	58	8	184	2	2
06478200	Hutchinson	4/3/1969	0	396462	0	0	dry1	0	dry2	16: 4 days	1	0.81	76	58	89	62	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478200	Hutchinson	4/23/1970	1.80: 4/22	396462	0.46: 4/22: 395481	0	dry1	1.25	wet2	0	1	0.81	76	58	89	7	80	1.1	4	0	35	<1	0.7
06478200	Hutchinson	3/13/1971	0	396462	0: 395481	0	dry1	0	dry2	4: 10 days	1	0.81	76	58	89	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478200	Hutchinson	5/22/1972	2.05	396462	2.13: 5/22-23: 395481	0.04	dry1	0.04	dry2	0	1	0.81	76	58	89	19	72	2.1	31	3	124	1	1
06478200	Hutchinson	3/14/1973	1.09	396462	1.02: 3/13-14: 395481	0	dry1	0.49	dry2	0	1	0.81	76	58	89	30	89	1	3	0	28	<1	0.7
06478200	Hutchinson	2/28/1974	0	396462	0: 395481	0	dry1	0.42	dry2	0	1	0.81	76	58	89	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478200	Hutchinson	6/19/1975	0.69: 6./20	395481	n/a	0.55	ave1	1.88	wet2	0	1	0.81	76	58	89	14	90	0.69	0	0	10	<1	0.7
06478200	Hutchinson	3/12/1976	1.5	395481	n/a	0	dry1	0.08	dry2	3: 7days	1	0.81	76	58	89	20	80	1.5	11	0	68	<1	0.7
06478200	Hutchinson	6/17/1977	1.68	395481	n/a	0	dry1	0.65	dry2	0	1	0.81	76	58	89	15	75	1.68	16	1	84	<1	0.7
06478200	Hutchinson	6/25/1978	0.47	395481	n/a	0	dry1	0.68	dry2	0	1	0.81	76	58	89	81	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478200	Hutchinson	9/12/1979	1.85	395481	n/a	0	dry1	0	dry2	0	1	0.81	76	58	89	74	86	1.85	22	1	99	1	1
											1												0
											1												0
06478250	Hutchinson	7/7/1956	0.9	396462	0.91: 395481	0	dry1	0.21	dry2	0	1	3.19	78	60	90	17	82	0.9	8	0	72	<1	0.7
06478250	Hutchinson	6/17/1957	1.05	396462	3.21: 395481	0.18	dry1	0.33	dry2	0	1	3.19	78	60	90	6	73	1.05	13	0	102	<1	0.7
06478250	Hutchinson	3/28/1958	0.01	396462	0: 395481	0	dry1	0	dry2	4: 6 days	1	3.19	78	60	90	27	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478250	Hutchinson	1959	n/a	396462	395481		dry1		dry2		1	3.19	78	60	90	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478250	Hutchinson	3/27/1960	0	396462	3/16: 18 in. snow: 395481	0	dry1	0	dry2	10: 5 days	1	3.19	78	60	90	340	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478250	Hutchinson	2/22/1961	n/a	396462	n/a		dry1		dry2		1	3.19	78	60	90	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478250	Hutchinson	Jul-62	2.7: 7/13-14	396462	1.79: 7/13-14: 395481	0.21	dry1	0.71	dry2	0	1	3.19	78	60	90	183	78	2.7	186	36	534	2	2
06478250	Hutchinson	3/20/1963	0	396462	0: 395481	0.55	ave1	0.73	dry2	0	1	3.19	78	60	90	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478250	Hutchinson	Apr-64	1.86: 4/26-27	396462	1.65: 4/26-27: 395481	0	dry1	0.24	dry2	0	1	3.19	78	60	90	1	56	1.7	61	5	257	1	1
06478250	Hutchinson	7/11/1965	2.66	396462	3.43: 395481	0	dry1	1.01	ave2	0	1	3.19	78	60	90	91	66	3	231	52	619	3.5	3.5
06478250	Hutchinson	4/27/1966	0.66	396462	0.56: 395481	0	dry1	0	dry2	2: 7 days	1	3.19	78	60	90	220	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478250	Hutchinson	6/19/1967	1.3	396462	1.25: 395481	0	dry1	0.99	ave2	0	1	3.19	78	60	90	55	82	1.3	27	0	157	<1	0.7
											1												0
06478400	Hutchinson	4/22/1970	1.8	396462	n/a	0	dry1	1.53	wet2	0	1	3.65	76	58	89	12	63	1.8	52	4	237	1	1
06478400	Hutchinson	6/7/1971	0	396462	n/a	0	dry1	0.53	dry2	0	1	3.65	76	58	89	36	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478400	Hutchinson	3/15/1972	0.01	396462	n/a	0.08	dry1	0.1	dry2	0	1	3.65	76	58	89	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478400	Hutchinson	3/14/1973	1.09	396462	n/a	0	dry1	0.49	dry2	0	1	3.65	76	58	89	30	82	1.09	11	0	88	<1	0.7
06478400	Hutchinson	10/9/1973	1.25	395481	n/a	0	dry1	0	dry2	0	1	3.65	76	58	89	26	79	1.25	16	0	118	<1	0.7
06478400	Hutchinson	8/22/1975	2.05	395481	n/a	0	dry1	0.55	dry2	0	1	3.65	76	58	89	104	79	2.05	74	10	297	1	1
06478400	Hutchinson	3/19/1976	0	395481	n/a	0	dry1	1.54	wet2	0	1	3.65	76	58	89	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478400	Hutchinson	6/22/1977	0.62: 6./23	395481	n/a	0.26	dry1	1.68	wet2	0	1	3.65	76	58	89	33	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478400	Hutchinson	4/1/1978	1.02: 4/2	395481	n/a	0	dry1	0	dry2	0	1	3.65	76	58	89	48	86	1.02	8	0	76	<1	0.7
06478400	Hutchinson	Apr-79	1.44: 4/20	395481	n/a	0	dry1	0.06	dry2	0	1	3.65	76	58	89	30	77	1.44	26	0	157	<1	0.7
											1												
06478630	Kingsbury	6/16/1970	1.03	391474	2.7: 392302	0	dry1	0.86	ave2	0	1	5.34	75	57	88	6	60	1.8	51	2	247	1	1
06478630	Kingsbury	3/13/1971	0	391474	0: 392302	0	dry1	0	dry2	3: 3 days	1	5.34	75	57	88	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478630	Kingsbury	6/19/1972	2.82	392302	n/a	0	dry1	0	dry2	0	1	5.34	75	57	88	32	60	2.82	172	24	531	3.2	3.2
06478630	Kingsbury	Mar-73	n/a	392302	n/a		dry1		dry2		1	5.34	75	57	88	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478630	Kingsbury	Feb-74	n/a	392302	n/a		dry1		dry2		1	5.34	75	57	88	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478630	Kingsbury	4/17/1975	0.75	392302	n/a	0.32	dry1	0.47	dry2	0	1	5.34	75	57	88	13	85	0.75	1	0	30	<1	0.7
06478630	Kingsbury	3/12/1976	1	392302	n/a	0	dry1	0	dry2	6	1	5.34	75	57	88	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478630	Kingsbury	3/12/1977	2.07	392302	n/a	0	dry1	0	dry2	nodata	1	5.34	75	57	88	40	70	2.07	78	7	318	1	1
06478630	Kingsbury	Mar-78	n/a	392302	n/a		dry1		dry2	17: 3/10	1	5.34	75	57	88	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478630	Kingsbury	Apr-79	1.70: 4/11-12	392302	n/a	0	dry1	0	dry2	0	1	5.34	75	57	88	3	59	1.7	42	1	222	1	1
											1												0
											1												0
											1												0
06478650	Turner	4/8/1969	0.1	395228	n/a	0	dry1	0	dry2	15: 9 days	1	2.74	79	62	91	250	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478650	Turner	3/3/1970	0.63	395228	n/a	0	dry1	0.03	dry2	0	1	2.74	79	62	91	42	91	0.63	1	0	38	<1	0.7
06478650	Turner	5/23/1971	1.09	395228	n/a	0	dry1	0.31	dry2	0	1	2.74	79	62	91	22	80	1.09	17	0	137	<1	0.7
06478650	Turner	5/22/1972	1.98: 5/22-23	395228	n/a	0	dry1	0	dry2	0	1	2.74	79	62	91	39	71	1.98	109	14	395	1	1
06478650	Turner	Mar-73	1.71: 3/13-14	395228	n/a	0	dry1	1.15	ave2	0	1	2.74	79	62	91	25	71	1.71	74	7	311	<1	0.7
06478650	Turner	6/21/1974	0	395228	n/a	0	dry1	0.22	dry2		1	2.74	79	62	91	26	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478650	Turner	8/22/1975	3.51	395228	n/a	0	dry1	0.72	dry2	0	1	2.74	79	62	91	42	54	3.51	364	88	879	5	5
06478650	Turner	3/20/1976	0	395228	n/a	0	dry1	0	dry2	nodata	1	2.74	79	62	91	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478650	Turner	3/12/1977	1.68	395228	n/a	0	dry1	0	dry2	10: 4 days	1	2.74	79	62	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478650	Turner	7/22/1978	3.45	395228	n/a	0.06	dry1	0.13	dry2	0	1	2.74	79	62	91	35	52	3.45	353	84	860	5	5
06478650	Turner	Apr-79	1.42: 4/11-12	395228	n/a	0	dry1	0.21	dry2	0	1	2.74	79	62	91	50	80	1.42	43	1	226	<1	0.7
											1												0
											1												0

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06478820	Lincoln	7/7/1956	1.73	391392	n/a	0	dry1	0.58	dry2	0	1	3.24	79	62	91	3	58	1.73	107	9	445	<1	0.7
06478820	Lincoln	6/17/1957	2.46	391392	n/a	0.03	dry1	0.21	dry2	0	1	3.24	79	62	91	23	58	2.46	253	36	762	1.5	1.5
06478820	Lincoln	2/26/1958	0.66; 0.66: 2/27	391392	n/a	0	dry1	0	dry2	4: 8 days	1	3.24	79	62	91	20	74	1.32	46	0	277	<1	0.7
06478820	Lincoln	5/30/1959	1.18: 5/30-31	391392	n/a	1.71	wet1	1.89	wet2	0	1	3.24	79	62	91	20	77	1.18	30	0	223	<1	0.7
06478820	Lincoln	4/12/1960	1.92	391392	n/a	0	dry1	0	dry2	0	1	3.24	79	62	91	72	74	1.92	141	16	528	1	1
06478820	Lincoln	1961	n/a	391392	n/a		dry1		dry2		1	3.24	79	62	91	32	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	5/18/1962	1.83	391392	n/a	0.06	dry1	0.25	dry2	0	1	3.24	79	62	91	94	77	1.83	125	13	488	1	1
06478820	Lincoln	3/19/1963	0.49	391392	n/a	0	dry1	0.12	dry2	0	1	3.24	79	62	91	4	85	0.49	0	0	23	<1	0.7
06478820	Lincoln	9/17/1964	0	391392	n/a	0	dry1	1.15	ave2	0	1	3.24	79	62	91	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	6/12/1965	0.96: 6/12-13	391392	n/a	0	dry1	0.86	ave2	0	1	3.24	79	62	91	97	88	0.96	14	0	146	<1	0.7
06478820	Lincoln	3/10/1966	0	391392	n/a	0	dry1	0.1	dry2	3: 5 days	1	3.24	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	6/19/1967	1.24	391392	n/a	0	dry1	1.51	wet2	0	1	3.24	79	62	91	19	75	1.24	37	0	246	<1	0.7
06478820	Lincoln	1968	n/a	391392	n/a		dry1		dry2		1	3.24	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	4/4/1969	0	391392	n/a	0	dry1	0	dry2	nodata	1	3.24	79	62	91	32	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	4/22/1970	0.9	391392	n/a	0	dry1	0.81	ave2	0	1	3.24	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	6/6/1971	2.67: 6/4-6; 1.68: 6/7	391392	n/a	0	dry1	0	dry2	0	1	3.24	79	62	91	104	68	2.67	302	49	854	2	2
06478820	Lincoln	5/13/1972	nodata	391392	n/a		dry1		dry2		1	3.24	79	62	91	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	3/14/1973	0.92	391392	n/a	0	dry1	0.88	ave2	0	1	3.24	79	62	91	15	80	0.92	13	0	133	<1	0.7
06478820	Lincoln	1974	n/a	391392	n/a		dry1		dry2		1	3.24	79	62	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	8/22/1975	2.51	391392	n/a	0	dry1	0.46	dry2	0	1	3.24	79	62	91	4	49	2.51	265	39	784	1.6	1.6
06478820	Lincoln	3/12/1976	0.62	391392	n/a	0	dry1	0.02	dry2	6: 7 days	1	3.24	79	62	91	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	3/12/1977	1.02	391392	n/a	0	dry1	0	dry2	10: 7 days	1	3.24	79	62	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478820	Lincoln	7/22/1978	3.63	391392	n/a	0.27	dry1	0.34	dry2	0	1	3.24	79	62	91	120	61	3.63	550	131	1289	6	6
06478820	Lincoln	5/10/1979	2.38	391392	n/a	0.25	dry1	0.25	dry2	0	1	3.24	79	62	91	51	66	2.38	235	33	727	1.4	1.4
06478820	Lincoln	3/1/1980	0	391392	n/a	0	dry1	0.12	dry2	0	1	3.24	79	62	91	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											1												0
											1												0
06478950	Union	7/17/1969	1.22	391579	0.31: 133718	0.16	dry1	0.31	dry2	0	1	5.00	75	57	88	312	88	1.22	33	0	290	<1	0.7
06478950	Union	6/18/1970	0	391579	0.57: 133718	0.92	ave1	2.14	wet2	0	1	5.00	75	57	88	73	91	0.57	0	0	26	<1	0.7
06478950	Union	6/6/1971	2.56 (6/7-8)	391579	1.92 (6/7-8): 133718	0	dry1	1.91	wet2	0	1	5.00	75	57	88	1050	85	2.56	505	49	1212	1.6	1.6
06478950	Union	5/23/1972	1.3	391579	0.79: 133718	0	dry1	0	dry2	0	1	5.00	75	57	88	50	75	1.3	47	0	335	<1	0.7
06478950	Union	3/14/1973	0.89	391579	0.81: 133718	0	dry1	0.75	ave2	0	1	5.00	75	57	88	240	92	0.89	4	0	129	<1	0.7
06478950	Union	6/22/1974	0.91	391579	3.47: 133718	0	dry1	0	dry2	0	1	5.00	75	57	88	321	75	2.2	326	18	916	1	1
06478950	Union	6/21/1975	0.59	391579	0.65: 133718	0.05	dry1	2.28	wet2	0	1	5.00	75	57	88	242	97	0.6	0	0	26	<1	0.7
06478950	Union	3/19/1976	0	391579	0: 133718	0	dry1	0.38	dry2	1: 3/13	1	5.00	75	57	88	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06478950	Union	9/12/1977	1.5	391579	1.62: 133718	0	dry1	0.61	dry2	0	1	5.00	75	57	88	303	84	1.5	89	0	454	<1	0.7
06478950	Union	7/22/1978	4.63	391579	4.31: 133718	0.32	dry1	0.84	ave2	0	1	5.00	75	57	88	584	58	4.4	1624	524	2641	14	14
06478950	Union	5/10/1979	2.08	391579	2.49: 133718	0.31	dry1	0	dry2	0	1	5.00	75	57	88	365	75	2.3	369	25	988	1	1
											1												0
											1												0
											1												0
											1												0
06479020	Yankton	4/3/1969	n/a	395481	n/a		dry1		dry2	12: 3/30	1	4.96	75	57	88	75	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479020	Yankton	4/22/1970	0.46	395481	0.32: 399502	0	dry1	0.8	ave2	0	1	4.96	75	57	88	6	88	0.46	0	0	6	<1	0.7
06479020	Yankton	6/14/1971	2.35 (6/9-10)	395481	2.21 (6/9-10): 399502	0.89	ave1	3.03	wet2	0	1	4.96	75	57	88	35	60	2.3	175	19	444	1	1
06479020	Yankton	5/1/1972	3.68	395481	3.30: 399502	0.17	dry1	1.24	ave2	0	1	4.96	75	57	88	46	50	3.5	457	123	842	5	5
06479020	Yankton	3/14/1973	1.02	395481	1.00: 399502	0	dry1	0.92	ave2	0	1	4.96	75	57	88	30	81	1	8	0	84	<1	0.7
06479020	Yankton	6/9/1974	2.05	395481	1.65 (6/9-10): 399502	0	dry1	0.31	dry2	0	1	4.96	75	57	88	22	64	1.9	104	6	321	1	1
06479020	Yankton	4/75	0.99 (4/22-23)	395481	0.17: 399502	0.03	dry1	0.34	dry2	0	1	4.96	75	57	88	5	73	0.99	8	0	84	<1	0.7
06479020	Yankton	3/19/1976	0	395481	0: 399502	0	dry1	1.54	wet2	0	1	4.96	75	57	88	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479020	Yankton	3/12/1977	1.64	395481	1.16 (11in snow: 3/6): 399502	0	dry1	0	dry2	11: 3/5	1	4.96	75	57	88	8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479020	Yankton	7/21/1978	2.26	395481	2.14: 399502	0	dry1	0.11	dry2	0	1	4.96	75	57	88	23	60	2.2	156	15	411	1	1
06479020	Yankton	4/79	1.67: 4/11-12	395481	1.23 (4/11-12): 399502	0	dry1	0.08	dry2	0	1	4.96	75	57	88	10	66	1.5	49	0	204	<1	0.7
											1												0
											1												0
06479240	Grant	4/2/1956	nodata	398116	n/a		dry1		dry2		1	0.25	75	57	88	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	3/20/1957	0	398117	n/a	0	dry1	0.24	dry2	4: 1 day	1	0.25	75	57	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	4/6/1958	1.67	398118	n/a	0.3	dry1	0.42	dry2	9	1	0.25	75	57	88	18	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	3/6/1959	0	398119	n/a	0	dry1	0	dry2	nodata	1	0.25	75	57	88	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	Apr-60	1.28: 4/12-13	398120	n/a	0	dry1	0	dry2	6: 12 days	1	0.25	75	57	88	26	88	1.28	3	0	26	<1	0.7
06479240	Grant	Apr-61	0.76: 4/14	398121	n/a	0	dry1	0.05	dry2	2: 3 days	1	0.25	75	57	88	3	85	0.76	0	0	6	<1	0.7
06479240	Grant	7/1/1962	1.29	398122	n/a	0.91	ave1	0.91	ave2	0	1	0.25	75	57	88	53	93	1.29	3	0	27	<1	0.7
06479240	Grant	6/9/1963	1.83	398123	n/a	0.42	dry1	1.07	ave2	0	1	0.25	75	57	88	5	70	1.83	11	0	55	1	1
06479240	Grant	4/5/1964	0.72	398124	n/a	0	dry1	0	dry2	8: 7days	1	0.25	75	57	88	13	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	5/24/1965	2.11	398125	n/a	0.03	dry1	0.95	ave2	0	1	0.25	75	57	88	38	82	2.11	18	1	71	1.2	1.2
06479240	Grant	3/13/1966	0	398126	n/a	0	dry1	0	dry2	7: 6 days	1	0.25	75	57	88	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	6/14/1967	0	398127	n/a	0	dry1	0	dry2	0	1	0.25	75	57	88	13	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	1968	n/a	398128	n/a		dry1		dry2		1	0.25	75	57	88	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	4/6/1969	0	398129	n/a	0	dry1	0	dry2	15: 2 days	1	0.25	75	57	88	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479240	Grant	6/16/1970	1.86	398130	n/a	0.05	dry1	0.97	ave2	0	1	0.25	75	57	88	3	67	1.86	12	1	56	1	1
06479240	Grant	6/29/1971	5.61	398131	n/a	0	dry1	0.82	ave2	0	1	0.25	75	57	88	50	58	5.61	148	44	292	100	100
06479240	Grant	7/26/1972	3.63	398132	n/a	0	dry1	0.84	ave2	0	1	0.25	75	57	88	9	55	3.63	66	11	164	8	8
06479240	Grant	3/14/1973	1.02	398133	n/a	0	dry1	0.25	dry2	0	1	0.25	75	57	88	3	80	1.02	1	0	15	<1	0.7
											1												0
											1												0
06479260	Grant	4/2/1956	0.79: 4/3	395536	n/a	0	dry1	0.73	dry2	7: 3/29	1	6.61	75	57	88	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479260	Grant	5/21/1957	2.19	398116	2.30: 395536	0.03	dry1	3.83	wet2	0	1	6.61	75	57	88	105	65	2.2	356	23	983	1.4	1.4
06479260	Grant	4/6/1958	1.67	398116	1.32: 395536	0.3	dry1	0.42	dry2	9: 4/6	1	6.61	75	57	88	175	76	1.67	148	3	595	<1	0.7
06479260	Grant	5/30/1959	1.25	398116	nodata: 395536	0.41	dry1	0.48	dry2	0	1	6.61	75	57	88	2	65	1.25	44	0	326	<1	0.7
06479260	Grant	3/30/1960	n/a	398116	n/a		dry1		dry2	15: 3/23	1	6.61	75	57	88	255	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479260	Grant	5/17/1961	2.09	398116	1.86: 395536	0.04	dry1	1.66	wet2	0	1	6.61	75	57	88	17	58	2	266	12	826	1	1
06479260	Grant	7/1/1962	1.29	398116	0.82: 395536	0.91	ave1	0.91	ave2	0	1	6.61	75	57	88	1050	n/a	n/a	n/a	n/a	n/a	n/a	n/a

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06479260	Grant	6/9/1963	1.83	398116	0.49: 395536	0.42	dry1	1.07	ave2	0	1	6.61	75	57	88	170	74	1.83	204	6	715	1	1
06479260	Grant	4/5/1964	0.72	398116	0.25: 395536	0	dry1	0	dry2	8: 3/29	1	6.61	75	57	88	120	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479260	Grant	5/24/1965	2.11	398116	2.00: 395536	0.03	dry1	0.95	ave2	0	1	6.61	75	57	88	365	77	2.1	308	17	898	1.2	1.2
06479260	Grant	3/12/1966	n/a	398116	n/a		dry1		dry2	7: 3/7	1	6.61	75	57	88	75	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479260	Grant	6/14/1967	1.5	398116	0.07: 395536	0.23	dry1	1.23	ave2	0	1	6.61	75	57	88	250	82	1.5	99	0	480	<1	0.7
06479260	Grant	5/8/1968	0.93	398116	0.57: 395536	0.97	ave1	0.97	ave2	0	1	6.61	75	57	88	10	79	0.8	3	0	102	<1	0.7
06479260	Grant	4/8/1969	n/a	398116	n/a		dry1		dry2	20: 4/2	1	6.61	75	57	88	800	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479260	Grant	6/16/1970	1.86	398116	1.50: 395536	0.05	dry1	0.97	ave2	0	1	6.61	75	57	88	52	68	1.7	148	3	595	1	1
06479260	Grant	6/29/1971	5.61	398116	3.45: 395536	0	dry1	0.84	ave2	0	1	6.61	75	57	88	480	54	4.5	1767	599	2835	25	25
06479260	Grant	7/26/1972	3.63	398116	1.76: 395536	0	dry1	0.84	ave2	0	1	6.61	75	57	88	330	58	3.6	1145	284	2096	8	8
06479260	Grant	5/24/1973	3.25	398116	2.06: 395536	0.05	dry1	0.18	dry2	0	1	6.61	75	57	88	90	58	2.7	606	79	1372	2.8	2.8
06479260	Grant	3/3/1974	n/a	398116	n/a		dry1		dry2	6: 2/25	1	6.61	75	57	88	25	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479260	Grant	4/75	n/a	398116	n/a		dry1		dry2	16: 4/3	1	6.61	75	57	88	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479260	Grant	3/12/1976	n/a	398116	n/a		dry1		dry2	6	1	6.61	75	57	88	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479260	Grant	6/16/1977	2.25	398116	2.21: 395536	0	dry1	0.09	dry2	0	1	6.61	75	57	88	106	65	2.2	356	23	983	1.4	1.4
06479260	Grant	5/29/1978	1.1	398116	1.55: 395536	1.49	wet1	1.96	wet2	0	1	6.61	75	57	88	112	79	1.3	54	0	356	<1	0.7
											1												0
											1												0
06479350	Codington	No CN data.					dry1		dry2		1	2.16					n/a	n/a	n/a	n/a	n/a	n/a	n/a
											1												0
06479370	Clark	No USGS peak flow data on web.					dry1		dry2		1	0.50	need USGS peak flow dat				n/a	n/a	n/a	n/a	n/a	n/a	n/a
											1												0
06479550	Hamlin	6/16/1970	2.75	391102	1.80: 391519	0	dry1	1.03	ave2	0	1	5.90	77	59	89	24	58	2.3	220	31	493	1.5	1.5
06479550	Hamlin	3/13/1971	0	391102	0: 391519	0	dry1	0	dry2	9: 2/20	1	5.90	77	59	89	9	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479550	Hamlin	7/21/1972	3.06	391102	2.95: 391519	0	dry1	0.61	dry2	0	1	5.90	77	59	89	64	56	3	394	96	741	4	4
06479550	Hamlin	3/73	0.52: 3/13	391102	0.52 (3/23-24): 391519	0.24	dry1	0.65	dry2	0	1	5.90	77	59	89	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479550	Hamlin	3/74	n/a	391102	n/a		dry1		dry2	2: 3/22	1	5.90	77	59	89	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479550	Hamlin	4/75	n/a	391102	n/a		dry1		dry2	20: 3/30	1	5.90	77	59	89	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479550	Hamlin	3/12/1976	n/a	391102	1.07: 391519		dry1		dry2	4: 3/12	1	5.90	77	59	89	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479550	Hamlin	6/16/1977	4.21	391102	3.97: 391519	0	dry1	0.12	dry2	0	1	5.90	77	59	89	23	40	4.1	721	258	1142	17.5	17.5
06479550	Hamlin	4/18/1978	1.39	391102	0.84: 391519	0	dry1	0	dry2	10: 4/18	1	5.90	77	59	89	32	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479550	Hamlin	6/16/1979	1.45	391102	2.07: 391519	0	dry1	90	wet2	0	1	5.90	77	59	89	24	65	1.8	118	7	329	1	1
											1												0
											1												0
											1												0
06479810	Brookings	4/8/1969	0.66: 4/8-9	391076	n/a	0	dry1	0	dry2	15: 3 days	1	0.33	79	62	91	106	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479810	Brookings	6/15/1970	2.57: 6/14-15	391076	n/a	0	dry1	1.21	ave2	0	1	0.33	79	62	91	134	85	2.57	79	9	216	2	2
06479810	Brookings	3/14/1971	0	391076	n/a	0	dry1	0.1	dry2	0	1	0.33	79	62	91	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479810	Brookings	5/24/1972	2.54	391076	n/a	0	dry1	0	dry2	0	1	0.33	79	62	91	108	83	2.54	77	9	212	2	2
06479810	Brookings	3/14/1973	0.71	391076	n/a	0	dry1	0.28	dry2	0	1	0.33	79	62	91	15	90	0.71	1	0	19	<1	0.7
06479810	Brookings	Feb-74	n/a	391076	n/a		dry1		dry2	8: 2/11	1	0.33	79	62	91	7	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479810	Brookings	4/22/1975	0.70: 4/22-23	391076	n/a	0	dry1	0.65	dry2	0	1	0.33	79	62	91	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479810	Brookings	3/12/1976	0.77	391076	n/a	0.12	dry1	0.77	ave2	7: 6 days	1	0.33	79	62	91	11	88	0.77	1	0	23	<1	0.7
06479810	Brookings	6/15/1977	5.69	391076	n/a	0	dry1	0.09	dry2	0	1	0.33	79	62	91	170	67	5.69	336	121	600	100	100
06479810	Brookings	Mar-78	n/a	391076	n/a		dry1		dry2	13: 3/8	1	0.33	79	62	91	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479810	Brookings	Apr-79	1.36: 4/11/12	391076	n/a	0	dry1	0	dry2	0	1	0.33	79	62	91	20	81	1.36	13	0	78	<1	0.7
											1												0
											1												0
06479900	Brookings	6/15/1956	1.76	391076	n/a	0	dry1	0	dry2	0	1	9.77	76	58	89	56	68	1.76	153	7	475	1	1
06479900	Brookings	3/21/1957	n/a	391076	n/a		dry1		dry2	5: 3/18	1	9.77	76	58	89	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	3/25/1958	0	391076	n/a	0	dry1	0	dry2	0	1	9.77	76	58	89	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	3/9/1959	n/a	391076	n/a		dry1		dry2	7: 2/25	1	9.77	76	58	89	11	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	4/6/1960	n/a	391076	n/a		dry1		dry2	8: 4/2	1	9.77	76	58	89	595	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	6/7/1961	0.9: 6/7-8	391076	n/a	0	dry1	0	dry2	0	1	9.77	76	58	89	656	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	7/4/1962	2.5	391076	n/a	1.24	wet1	2.05	wet2	0	1	9.77	76	58	89	840	89	2.5	377	62	849	2	2
06479900	Brookings	7/28/1963	2.25	391076	n/a	0	dry1	1.86	wet2	0	1	9.77	76	58	89	820	91	2.25	292	37	717	1.3	1.3
06479900	Brookings	4/27/1964	0.45	391076	n/a	0	dry1	0.98	ave2	0	1	9.77	76	58	89	214	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	4/6/1965	1.17	391076	n/a	0.18	dry1	0.6	dry2	9: 3/30	1	9.77	76	58	89	400	94	1.17	37	0	219	<1	0.7
06479900	Brookings	3/10/1966	n/a	391076	n/a		dry1		dry2	8: 3/8	1	9.77	76	58	89	65	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	6/15/1967	4.02	391076	n/a	0.13	dry1	0.8	ave2	0	1	9.77	76	58	89	192	52	4.02	1002	347	1669	13	13
06479900	Brookings	1968	n/a	391076	n/a		dry1		dry2		1	9.77	76	58	89	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	4/8/1969	n/a	391076	n/a		dry1		dry2	15: 4/6	1	9.77	76	58	89	1000	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	6/16/1970	2.57	391076	n/a	0	dry1	1.21	ave2	0	1	9.77	76	58	89	660	83	2.57	403	70	882	2	2
06479900	Brookings	3/14/1971	0	391076	n/a	0.1	dry1	0.1	dry2	0	1	9.77	76	58	89	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	5/30/1972	1.43	391076	n/a	0.51	ave1	4.17	wet2	0	1	9.77	76	58	89	196	84	1.43	80	0	329	<1	0.7
06479900	Brookings	3/14/1973	0.71 (3/13-14)	391076	n/a	0.05	dry1	0.28	dry2	0	1	9.77	76	58	89	100	91	0.71	1	0	65	<1	0.7
06479900	Brookings	3/74	n/a	391076	n/a		dry1		dry2		1	9.77	76	58	89	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	1975	n/a	391076	n/a		dry1		dry2		1	9.77	76	58	89	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479900	Brookings	1976	n/a	391076	n/a		dry1		dry2		1	9.77	76	58	89	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
											1												0
06479950	Brookings	6/15/1956	1.76	391076	n/a	0	dry1	0	dry2	0	1	4.03	75	57	88	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	3/19/1957	n/a	391076	n/a		dry1		dry2	5: 3/18	1	4.03	75	57	88	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	3/25/1958	0	391076	n/a	0	dry1	0	dry2	0	1	4.03	75	57	88	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	3/9/1959	0	391076	n/a	0	dry1	0	dry2	0	1	4.03	75	57	88	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	4/6/1960	n/a	391076	n/a		dry1		dry2	8: 4/2	1	4.03	75	57	88	325	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	6/7/1961	.90 (6/7-8)	391076	n/a	0	dry1	0	dry2	0	1	4.03	75	57	88	360	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	7/4/1962	2.5	391076	n/a	1.24	wet1	2.07	wet2	0	1	4.03	75	57	88	325	83	2.5	190	25	443	1.8	1.8
06479950	Brookings	7/28/1963	2.25	391076	n/a	0	dry1	1.86	wet2	0	1	4.03	75	57	88	330	86	2.25	144	14	375	1.3	1.3
06479950	Brookings	4/1/1964	0	391076	n/a	0	dry1	0	dry2	0	1	4.03	75	57	88	170	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	4/3/1965	n/a	391076	n/a		dry1		dry2	11: 3/29	1	4.03	75	57	88	70	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	3/10/1966	n/a	391076	n/a		dry1		dry2	8: 3/8	1	4.03	75	57	88	40	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	6/15/1967	4.02	391076	n/a	0.13	dry1	0.8	ave2	0	1	4.03	75	57	88	68	49	4.02	528	167	894	12	12

Table11 Continued

USGS Station ID	County	Date of Peak	Meas. Rainfall (in.)	Closest NWS Station	Precipitation (in.): other close NWS Stations	Previous 2-days Rainfall (in.)	AMC Classification: Dry1 (<0.50) or Wet1 (>=1.00) (in.)	Previous 7-days Rainfall (in.)	AMC Classification: Dry2 (<0.75) or Wet1 (>=1.25) (in.)	Previous Snowdepth (in.)	Analytical Region	Drainage Area (sq. mi.)	NRCS CN for various AMCs II	I	III	USGS Meas. Peak Flow (cfs.)	CN Corresponding to the USGS Measured Peak Flow	Peak Flow (cfs.) Rainfall	CN-II	CN-I	CN-III	Corresponding Approximate Rainfall Frequency	Rainfall (in.)
06479950	Brookings	1968	n/a	391076	n/a		dry1		dry2		1	4.03	75	57	88	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	4/8/1969	n/a	391076	n/a		dry1		dry2	15: 4/6	1	4.03	75	57	88	750	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	6/16/1970	2.57	391076	n/a	0	dry1	1.21	ave2	0	1	4.03	75	57	88	250	78	2.57	203	29	466	2	2
06479950	Brookings	3/14/1971	0	391076	n/a	0.1	dry1	0	dry2	0	1	4.03	75	57	88	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	7/26/1972	1.26	391076	n/a	0	dry1	1.91	wet2	0	1	4.03	75	57	88	95	86	1.26	21	0	125	<1	0.7
06479950	Brookings	3/14/1973	0.51	391076	n/a	0.05	dry1	0.28	dry2	0	1	4.03	75	57	88	20	91	0.51	0	0	8	<1	0.7
06479950	Brookings	1974	n/a	391076	n/a		dry1		dry2		1	4.03	75	57	88	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	1975	n/a	391076	n/a		dry1		dry2		1	4.03	75	57	88	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	3/12/1976	0.77	391076	n/a	0.12	dry1	0.77	ave2	7: 3/6	1	4.03	75	57	88	6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	6/16/1977	5.69 (6/15-16)	391076	n/a	0	dry1	0.03	dry2	0	1	4.03	75	57	88	350	54	5.69	971	435	1408	100	100
06479950	Brookings	3/78	n/a	391076	n/a		dry1		dry2	13: 3/8	1	4.03	75	57	88	30	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06479950	Brookings	5/30/1979	1.31	391076	n/a	0	dry1	0.01	dry2	0	1	4.03	75	57	88	117	86	1.31	25	0	136	<1	0.7
06479950	Brookings	6/25/1980	5.54	391076	n/a	0.01	dry1	0.37	dry2	0	1	4.03	75	57	88	540	62	5.54	925	407	1363	34	34
											1												0
											1												0
06480720	Lake	4/8/1969	0.36	399042	0.17: 395090	0	dry1	0	dry2	14: 6 days	1	1.02	82	66	92	100	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06480720	Lake	4/23/1970	0.85	399042	1.0: 4/22: 395090	0	dry1	0.67	dry2	0	1	1.02	82	66	92	1	73	0.9	8	0	71	<1	0.7
06480720	Lake	7/3/1971	1.12: 7/4	399042	1.35: 7/4: 395090	0	dry1	1	ave2	0	1	1.02	82	66	92	2	68	1.2	26	1	125	<1	0.7
06480720	Lake	7/14/1972	1.83	399042	1.48: 395090	0.96	ave1	1.59	wet2	0	1	1.02	82	66	92	38	77	1.7	71	7	228	1	1
06480720	Lake	3/14/1973	0.96	399042	0.99: 395090	0	dry1	0.83	ave2	0	1	1.02	82	66	92	25	85	1	13	0	88	<1	0.7
06480720	Lake	8/9/1974	4.45	399042	2.17: 395090	0	dry1	0.13	dry2	0	1	1.02	82	66	92	16	53	3.3	281	72	576	5	5
06480720	Lake	5/11/1975	0.84	399042	0.82: 395090	0	dry1	0.8	ave2	0	1	1.02	82	66	92	7	83	0.83	6	0	60	<1	0.7
06480720	Lake	3/12/1976	0.56	399042	0.73: 395090	0.25	dry1	0.55	dry2	5: 7 days	1	1.02	82	66	92	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06480720	Lake	3/12/1977	1.38	399042	1.93: 395090	0	dry1	0	dry2	10: 6 days	1	1.02	82	66	92	5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06480720	Lake	Mar-78	n/a	399042	20 in snow: 3/6: 395090		dry1		dry2	10: 3/4	1	1.02	82	66	92	15	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06480720	Lake	Apr-79	1.47: 4/11-12	399042	1.72: 4/11-12: 395090	0	dry1	0	dry2	0	1	1.02	82	66	92	20	75	1.6	61	6	207	<1	0.7
											1												0
06482600	Minnehaha	6/29/1969	0.85	397667	n/a	0	dry1	1.95	wet2	0	1	2.16	78	60	90	393	96	0.85	8	0	114	<1	0.7
06482600	Minnehaha	5/28/1970	3.15	397668	n/a	0	dry1	0.9	ave2	0	1	2.16	78	60	90	792	84	3.15	509	81	1257	3.8	3.8
06482600	Minnehaha	6/29/1971	0.84	397669	n/a	0	dry1	0	dry2	0	1	2.16	78	60	90	7	78	0.84	7	0	111	<1	0.7
06482600	Minnehaha	3/8/1972	0	397670	n/a	0.02	dry1	0.35	dry2	8: 2 days	1	2.16	78	60	90	150	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482600	Minnehaha	3/13/1973	0.99	397671	n/a	0.73	ave1	0.92	ave2	0	1	2.16	78	60	90	59	84	0.99	14	0	165	<1	0.7
06482600	Minnehaha	10/9/1973	4.54	397672	n/a	0	dry1	0	dry2	0	1	2.16	78	60	90	566	69	4.54	1007	267	2034	22	22
06482600	Minnehaha	6/3/1975	0.31	397673	n/a	0	dry1	0.01	dry2	0	1	2.16	78	60	90	66	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482600	Minnehaha	3/11/1976	0.76	397674	n/a	0	dry1	0.4	dry2	4: 3 days	1	2.16	78	60	90	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482600	Minnehaha	7/24/1977	0	397675	n/a	0.02	dry1	0.49	dry2	0	1	2.16	78	60	90	141	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482600	Minnehaha	8/1/1978	0.89	397676	n/a	0	dry1	0.2	dry2	0	1	2.16	78	60	90	216	93	0.89	10	0	128	<1	0.7
06482600	Minnehaha	3/20/1979	2.16: 3/21-22	397677	n/a	0	dry1	0.52	dry2	5: 5 days	1	2.16	78	60	90	250	79	2.16	219	20	728	1	1
											1												0
											1												0
06482870	Lincoln	6/4/1956	2.74	391392	n/a	0	dry1	0.13	dry2	0	1	0.31	81	64	92	11	62	2.74	93	15	220	2	2
06482870	Lincoln	7/27/1957	1.65	391392	n/a	0	dry1	0.33	dry2	0	1	0.31	81	64	92	23	79	1.65	29	2	106	<1	0.7
06482870	Lincoln	2/27/1958	1.32	391392	n/a	0	dry1	0	dry2	4: 10 days	1	0.31	81	64	92	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482870	Lincoln	5/21/1959	2.07	391392	n/a	0	dry1	0	dry2	0	1	0.31	81	64	92	51	78	2.07	51	5	149	1	1
06482870	Lincoln	4/1/1960	1.54	391392	n/a	0	dry1	0.42	dry2	11: 12 days	1	0.31	81	64	92	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482870	Lincoln	3/15/1961	0	391392	n/a	0	dry1	0.11	dry2	10: 7 days	1	0.31	81	64	92	11	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482870	Lincoln	6/16/1962	2.76: 6/16/17	391392	n/a	0.1	dry1	0.12	dry2	0	1	0.31	81	64	92	44	72	2.76	94	16	220	2	2
06482870	Lincoln	9/4/1963	0.31	391392	n/a	0.46	dry1	0.76	ave2	0	1	0.31	81	64	92	22	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482870	Lincoln	5/12/1964	1.68	391392	n/a	0	dry1	0.98	ave2	0	1	0.31	81	64	92	27	79	1.68	31	2	110	<1	0.7
06482870	Lincoln	6/12/1965	0.96: 6/12-13	391392	n/a	0	dry1	0.86	ave2	0	1	0.31	81	64	92	30	90	0.96	4	0	40	<1	0.7
06482870	Lincoln	8/20/1966	1.65	391392	n/a	0	dry1	1.32	wet2	0	1	0.31	81	64	92	10	74	1.65	31	2	106	<1	0.7
06482870	Lincoln	8/24/1967	1.69	391392	n/a	0	dry1	0.4	dry2	0	1	0.31	81	64	92	24	79	1.69	31	2	110	<1	0.7
06482870	Lincoln	6/25/1968	nodata	391392	n/a		dry1		dry2		1	0.31	81	64	92	45	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482870	Lincoln	4/8/1969	0	391392	n/a	0	dry1	0	dry2	nodata	1	0.31	81	64	92	65	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482870	Lincoln	6/16/1970	1.4	391392	n/a	0.04	dry1	0.72	dry2	0	1	0.31	81	64	92	20	82	1.4	18	1	81	<1	0.7
06482870	Lincoln	7/10/1971	4.32	391392	n/a	0	dry1	0.3	dry2	0	1	0.31	81	64	92	104	71	4.32	211	63	394	15	15
06482870	Lincoln	6/18/1972	nodata	391392	n/a		dry1		dry2		1	0.31	81	64	92	20	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06482870	Lincoln	3/14/1973	0.92	391392	n/a	0	dry1	0.88	ave2	0	1	0.31	81	64	92	25	90	0.92	3	0	36	<1	0.7
											1												0
06485550	Union	6/27/1969	1.22 (6/25)	391579	2.48 (6/25): 133718	0	dry1	1.77	wet2	0	1	3.48	76	58	89	2100	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06485550	Union	5/27/1970	0.78	391579	1.37 (5/27-28): 133718	0.17	dry1	0.49	dry2	0	1	3.48	76	58	89	640	98	1.37	49	0	265	<1	0.7
06485550	Union	6/6/1971	1.91 (6/4/5)	391579	1.93 (6/7-8): 133718	0	dry1	0.18	dry2	0	1	3.48	76	58	89	940	98	1.93	158	0	500	1	1
06485550	Union	6/7/1972	0.93	391579	2.62: 133718	0.21	dry1	0.29	dry2	0	1	3.48	76	58	89	905	91	2.62	358	45	816	2	2
06485550	Union	6/18/1973	1.93	391579	1.90: 133718	0	dry1	0	dry2	0	1	3.48	76	58	89	425	87	1.93	158	0	500	1	1
06485550	Union	6/22/1974	0.91	391579	3.47: 133718	0	dry1	0	dry2	0	1	3.48	76	58	89	566	73	3.47	667	160	1221	5	5
06485550	Union	4/16/1975	0.32	391579	0.26: 133718	0.36	dry1	0.65	dry2	0	1	3.48	76	58	89	128	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06485550	Union	3/12/1976	n/a	391579	n/a		dry1		dry2	6: 3/6	1	3.48	76	58	89	50	n/a	n/a	n/a	n/a	n/a	n/a	n/a
06485550	Union	9/12/1977	1.5	391579	1.62: 133718	0	dry1	0.61	dry2	0	1	3.48	76	58	89	276	87	1.5	67	0	317	<1	0.7
06485550	Union	7/22/1978	4.63	391579	4.31: 133718	0.32	dry1	0.84	ave2	0	1	3.48	76	58	89	272	55	4.4	1043	356	1675	21	21
06485550	Union	4/79	1.19 (4/11-12)	391579	1.34 (4/11-12): 133718	0	dry1	0.07	dry2	0	1	3.48	76	58	89	100	84	1.2	25	0	200	<1	0.7

Table 12. Peak flows for selected frequencies estimated using a log Pearson Type III analysis (USGS), estimated using the NRCS Curve Number Method for AMC I, II, and III with a Type II rainfall distribution, estimated using the NRCS Curve Number Method for AMC II using a Type I rainfall

Explanation: yr, year; in., inch; AMC, Antecedent Moisture Condition; cfs., cubic feet per second; sq. mi.; CN, Curve Number.

Table 12

USGS Station ID	Method Used To Compute Peak Flows	1-yr Peak Flow (cfs.)				2-yr Peak Flow (cfs.)				5-yr Peak Flow (cfs.)				10-yr Peak Flow (cfs.)				25-yr Peak Flow (cfs.)				50-yr Peak Flow (cfs.)				100-yr Peak Flow (cfs.)			
		Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III
05051650	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	160	0	790	2.3	319	10	1146	3.1	765	74	1920	3.7	1183	193	2529	4.2	1569	338	3056	4.8	2079	559	3686	5.3	2520	783	4232
05051650	log-Pearson Type III frequency results: USGS					nodata																							
05051650	CN method using AMC II, Type I rainfall distribution		91				179				460				736				995				1335				1640		
05051650	USGS regression equation					30				94				161				273				375				490			
05289950	CN method using AMC I, II, and III, Type II rainfall distribution	2	251	5	918	2.4	440	19	1246	3.2	917	122	1936	3.8	1333	274	2470	4.3	1702	443	2909	4.9	2163	304	2559	5.4	2565	930	3904
05289950	log-Pearson Type III frequency results: USGS					80				208				336				552				755				994			
05289950	CN method using AMC II, Type I rainfall distribution		113				218				501				756				987				1280				1534		
05289950	USGS regression equation					34				100				167				276				372				480			
05290300	CN method using AMC I, II, and III, Type II rainfall distribution	2	59	5	214	2.4	93	10	285	3.2	172	29	428	3.8	239	52	539	4.3	299	75	633	4.9	374	105	746	5.4	438	133	842
05290300	log-Pearson Type III frequency results: USGS					25				42				52				65				75				83			
05290300	CN method using AMC II, Type I rainfall distribution		34				57				110				154				194				245				288		
05290300	USGS regression equation					23				67				108				175				231				294			
05292600	CN method using AMC I, II, and III, Type II rainfall distribution	2	230	7	812	2.5	445	33	1191	3.3	880	150	1846	3.8	1202	271	2265	4.4	1609	458	2778	5	2043	684	3299	5.5	2415	902	3733
05292600	log-Pearson Type III frequency results: USGS					82				237				402				691				969				1300			
05292600	CN method using AMC II, Type I rainfall distribution		141				281				580				802				1088				1401				1669		
05292600	USGS regression equation					77				214				348				562				751				959			
06354845	CN method using AMC I, II, and III, Type II rainfall distribution	1.80	62	3	255	2.2	110	10	361	3	227	30	581	3.5	311	56	720	4	402	89	863	4.5	498	128	1007	5.1	619	179	1182
06354845	log-Pearson Type III frequency results: USGS					25				100				192				362				530				731			
06354845	CN method using AMC II, Type I rainfall distribution		29				57				130				182					238			298				373		
06354845	USGS regression equation					11				35				61				106				148				196			
06355400	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	131	4	621	2	256	20	914	2.6	483	52	1368	3	656	95	1675	3.6	943	188	2145	4.1	1199	284	2544	4.5	1413	372	2866
06355400	log-Pearson Type III frequency results: USGS					104				264				434				743				1060				1450			
06355400	CN method using AMC II, Type I rainfall distribution		61				136				280				390				570				733				869		
06355400	USGS regression equation					47				138				239				393				541				714			
06356150	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	40	0	292	1.8	83	3	417	2.4	203	18	694	2.8	297	32	890	3.3	430	60	1132	3.60	517	87	1280	4.2	703	153	1581
06356150	log-Pearson Type III frequency results: USGS					20				42				64				99				134				176			
06356150	CN method using AMC II, Type I rainfall distribution		**15**				35				104				163				246				298				412		
06356150	USGS regression equation					34				98				169				280				386				510			
06356600	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	51	3	233	2	96	9	338	2.8	207	32	547	3.2	272	53	655	3.7	358	86	792	4.3	467	132	959	4.7	543	165	1071
06356600	log-Pearson Type III frequency results: USGS					36				87				134				209				277				355			
06356600	CN method using AMC II, Type I rainfall distribution		24				52				122				162				216				285				333		
06356600	USGS regression equation					25				73				125				207				286				379			
06358520	CN method using AMC I, II, and III, Type II rainfall distribution	1.7	59	5	156	2	84	9	197	2.8	161	37	309	3.4	225	65	395	3.8	270	86	453	4.4	335	121	541	4.9	391	152	614
06358520	log-Pearson Type III frequency results: USGS					16				47				80				136				189				251			
06358520	CN method using AMC II, Type I rainfall distribution		29				44				87				124				149				185				216		
06358520	USGS regression equation					13				36				62				104				144				192			
06358540	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	39	2	186	2.1	64	5	244	2.9	143	15	404	3.4	201	32	505	4	278	59	630	4.4	332	80	714	5	417	117	842
06358540	log-Pearson Type III frequency results: USGS					5.7				10				13				18				23				27			
06358540	CN method using AMC II, Type I rainfall distribution		17				30				78				113				159				192				244		
06358540	USGS regression equation					9				28				48				81				111				146			
06358550	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	126	10	444	1.6	149	13	489	2.2	305	42	768	2.5	394	70	912	3.1	588	144	1204	3.4	690	188	1352	3.8	832	250	1550
06358550	log-Pearson Type III frequency results: USGS					133				304				474				771				1060				1420			
06358550	CN method using AMC II, Type I rainfall distribution		65				79				174				228				347				410				497		
06358550	USGS regression equation					32				94				162				268				370				489			
06358600	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	62	3	313	1.8	108	10	427	2.4	217	28	661	2.8	302	50	820	3.3	419	88	1022	3.6	493	115	1146	4.2	649	177	1395
06358600	log-Pearson Type III frequency results: USGS					55				120				183				289				390				513			
06358600	CN method using AMC II, Type I rainfall distribution						64				139				196				276				326				433		
06358600	USGS regression equation					40				118				203				335				462				610			
06358620	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	9	1	30	1.8	11	1	40	2.4	23	4	60	2.8	30	8	74	3.3	45	14	92	3.6	53	18	103	4.2	64	27	124
06358620	log-Pearson Type III frequency results: USGS					22				34				43				56				65				76			
06358620	CN method using AMC II, Type I rainfall distribution		4				7				13				19				26				30				39		
06358620	USGS regression equation					5				13				22				37				52				70			
06358750	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	116	2	452	1.8	207	8	622	2.4	441	50	980	2.8	625	109	1227	3.3	876	212	1541	3.6	1033	289	1730	4.2	1363	470	2108
06358750	log-Pearson Type III frequency results: USGS	**nodata**																											
06358750	CN method using AMC II, Type I rainfall distribution		57				110				255				372				536				642				863		
06358750	USGS regression equation					56				163				282				463				637				840			
06359300	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	68			1.8	100			2.5	233			2.7	277			3.4	447			3.8	552			4.4	720		
06359300	log-Pearson Type III frequency results: USGS					4				22				55				147				282				513			
06359300	CN method using AMC II, Type I rainfall distribution		29				46				127				154				256				319				421		
06359300	USGS regression equation					28				82				142				235				325				430			
06359700	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	37	0	275	2	85	3	425	2.8	221	26	763	3.2	303	40	938	3.7	417	66	1158	4.3	566	111	1427	4.7	671	145	1610

06359700	log-Pearson Type III frequency results: USGS					24				70				120				209				297				403			

Table 12 Continued.

USGS		1-yr Peak Flow (cfs.)				2-yr Peak Flow (cfs.)				5-yr Peak Flow (cfs.)				10-yr Peak Flow (cfs.)				25-yr Peak Flow (cfs.)				50-yr Peak Flow (cfs.)				100-yr Peak Flow (cfs.)			
Station ID	Method Used To Compute Peak Flows	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III
06359700	CN method using AMC II, Type I rainfall distribution		22				50				143				200				280				384				458		
06359700	USGS regression equation					47				137				236				388				535				706			
06359800	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	360	8	1282	2	699	38	1865	2.8	1573	269	3097	3.2	2082	472	3725	3.7	2742	792	4521	4.3	3595	1267	5480	4.7	4169	1623	6116
06359800	log-Pearson Type III frequency results: USGS					nodata																							
06359800	CN method using AMC II, Type I rainfall distribution		178				378				926				1253				1689				2246				2634		
06359800	USGS regression equation					91				269				464				758				1041				1367			
06359850	CN method using AMC I, II, and III, Type II rainfall distribution	1.7	214	10	421	2	334	21	554	2.8	731	73	921	3.4	1072	154	1203	3.8	1313	230	1391	4.4	1685	369	1679	4.8	1938	476	1870
06359850	log-Pearson Type III frequency results: USGS					114				254				388				608				813				1060			
06359850	CN method using AMC II, Type I rainfall distribution		111				184				434				655				814				1062				1235		
06359850	USGS regression equation					56				165				285				468				644				848			
06360350	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	174	20	470	2.1	241	35	584	2.8	416	93	857	3.4	581	158	1095	3.9	724	220	1296	4.4	864	289	1499	4.9	1008	363	1702
06360350	log-Pearson Type III frequency results: USGS					14				50				93				172				250				345			
06360350	CN method using AMC II, Type I rainfall distribution		109				153				270				381				476				569				663		
06360350	USGS regression equation					38				111				191				315				434				574			
06396200	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	32	2	137	1.8	54	4	187	2.4	107	12	289	2.8	149	24	358	3.3	205	44	447	3.8	265	68	537	4.2	315	89	610
06396200	log-Pearson Type III frequency results: USGS					15				47				85				159				237				338			
06396200	CN method using AMC II, Type I rainfall distribution		15				28				62				87				122				159				190		
06396200	USGS regression equation					19				56				96				159				220				292			
06396300	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	13	1	49	1.8	22	2	66	2.4	42	4	102	2.8	58	10	127	3.3	80	18	158	3.8	104	29	190	4.2	123	39	216
06396300	log-Pearson Type III frequency results: USGS					22				42				58				84				106				131			
06396300	CN method using AMC II, Type I rainfall distribution		4				9				20				29				40				53				63		
06396300	USGS regression equation					6				18				31				52				72				97			
06396350	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	10	0	65	1.8	20	1	91	2.3	42	3	139	3	79	9	207	3.5	109	18	257	3.8	129	25	288	4.1	149	34	318
06396350	log-Pearson Type III frequency results: USGS					3.2				11				21				41				63				94			
06396350	CN method using AMC II, Type I rainfall distribution		3				7				19				40				57				68				79		
06396350	USGS regression equation					10				29				49				82				114				152			
06399300	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	159	13	573	1.8	252	27	769	2.4	474	77	1162	2.8	642	133	1433	3.3	867	221	1776	3.8	1106	322	2124	4.2	1304	410	2404
06399300	log-Pearson Type III frequency results: USGS					39				228				569				nodata				nodata				nodata			
06399300	CN method using AMC II, Type I rainfall distribution		87				148				292				400				547				703				834		
06399300	USGS regression equation					49				143				247				407				560				739			
06399700	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	754	36	1808	1.8	1169	124	2365	2.4	2103	480	3515	2.8	2786	831	4280	3.3	3673	1365	5259	3.8	4579	1988	6216	4.2	5334	2533	6978
06399700	log-Pearson Type III frequency results: USGS					550				1360				2130				3390				4530				5860			
06399700	CN method using AMC II, Type I rainfall distribution		378				618				1176				1587				2131				2694				3161		
06399700	USGS regression equation					78				229				395				647				889				1168			
06400900	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	7	0	98	1.8	15	0	155	2.4	46	0	294	2.8	82	3	398	3.3	138	11	538	3.8	202	21	687	4.2	258	29	811
06400900	log-Pearson Type III frequency results: USGS					6.7				24				51				116				202				338			
06400900	CN method using AMC II, Type I rainfall distribution		4				8				22				41				75				117				155		
06400900	USGS regression equation					32				92				159				262				362				479			
06402100	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	347	10	978	1.8	566	42	1301	2.4	1078	210	1967	2.8	1457	390	2411	3.3	1959	673	2980	3.8	2477	1007	3546	4.2	2901	1311	3995
06402100	log-Pearson Type III frequency results: USGS					17				41				63				99				132				171			
06402100	CN method using AMC II, Type I rainfall distribution		158				280				576				799				1097				1410				1668		
06402100	USGS regression equation					53				157				271				445				612				807			
06403800	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	32	0	236	1.8	53	1	296	2.5	156	11	525	3	244	22	696	3.6	366	47	903	4.1	477	85	1080	4.5	571	121	1223
06403800	log-Pearson Type III frequency results: USGS					3.3				10				25				70				143				282			
06403800	CN method using AMC II, Type I rainfall distribution		8				16				66				116				184				244				296		
06403800	USGS regression equation					11				41				86				185				317				502			
06404800	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	500	9	1688	1.8	862	35	2274	2.3	1595	191	3311	3	2783	663	4786	3.5	3708	1149	5839	3.8	4282	1489	6470	4.1	4866	1860	7128
06404800	log-Pearson Type III frequency results: USGS																												
06404800	CN method using AMC II, Type I rainfall distribution		211				410				825				1521				2074				2418				2769		
06404800	USGS regression equation					31				102				196				395				646				988			
06405800	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	193	1	877	2.2	684	28	1706	2.8	1241	156	2470	3.1	1547	267	2856	3.9	2429	685	3904	4.3	2895	950	4424	4.7	3371	1248	4957
06405800	log-Pearson Type III frequency results: USGS	nodata																											
06405800	CN method using AMC II, Type I rainfall distribution		63				313				620				791				1297				1564				1842		
06405800	USGS regression equation					26				93				189				398				668				1045			
06406100	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	157	4	520	2.2	444	53	957	2.8	749	164	1348	3.1	912	240	1545	3.9	1380	501	2074	4.3	1622	657	2342	4.7	1873	828	2606
06406100	log-Pearson Type III frequency results: USGS					17				34				50				78				105				139			
06406100	CN method using AMC II, Type I rainfall distribution		76				247				437				542				843				1000				1163		
06406100	USGS regression equation					13				31				51				86				127				176			
06406750	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	192	0	1421	1.8	439	3	2018	2.3	1025	22	3088	3	2093	179	4661	3.5	2979	452	5813	3.8	3539	675	6516	4.1	4113	936	7212
06406750	log-Pearson Type III frequency results: USGS					11				39				79				167				273				426			
06406750	CN method using AMC II, Type I rainfall distribution		55				145				435				1014				1504				1818				2149		
06406750	USGS regression equation					12				26				40				62				83				107			
06406800	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	129	0	1103	1.8	232	0	1413	2.5	804	23	2602	3	1368	87	3504	3.6	2164	284	4642	4.1	2893	543	5600	4.5	3512	809	6375
06406800	log-Pearson Type III frequency results: USGS					20				41				60				92				121				155			
06406800	CN method using AMC II, Type I rainfall distribution		55				88				363				679				1144				1583				1959		
06406800	USGS regression equation					14				30				46				72				98				127			

Table 12 Continued.

USGS		1-yr Peak Flow (cfs.)				2-yr Peak Flow (cfs.)				5-yr Peak Flow (cfs.)				10-yr Peak Flow (cfs.)				25-yr Peak Flow (cfs.)				50-yr Peak Flow (cfs.)				100-yr Peak Flow (cfs.)			
Station ID	Method Used To Compute Peak Flows	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III
06408700	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	420	3	1948	1.8	649	9	2410	2.5	1724	118	4116	3	2664	380	5382	3.6	3909	892	6915	4.1	5014	1453	8219	4.5	5923	1985	9268
06408700	log-Pearson Type III frequency results: USGS	nodata																											
06408700	CN method using AMC II, Type I rainfall distribution		142				252				826				1354				2063				2703				3241		
06408700	USGS regression equation					13				30				46				71				96				125			
06408900	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	150	0	877	1.8	244	2	1098	2.5	709	30	1919	3	1138	111	2542	3.6	1715	298	3296	4.1	2238	521	3942	4.5	2671	739	4452
06408900	log-Pearson Type III frequency results: USGS					8.1				14				18				24				29				35			
06408900	CN method using AMC II, Type I rainfall distribution		52				92				340				585				924				1236				1496		
06408900	USGS regression equation					10				22				33				50				67				86			
06413650	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	255	0	1080	2.2	504	8	2099	2.9	1241	62	3428	3.4	1907	186	4431	3.8	2499	357	5251	4.4	3457	715	6501	4.9	4320	1103	7552
06413650	log-Pearson Type III frequency results: USGS					nodata																							
06413650	CN method using AMC II, Type I rainfall distribution		55				207				608				996				1352				1936				2460		
06413650	USGS regression equation					37				124				242				494				814				1254			
06413800	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	45	0	331	2.2	139	9	597	2.9	289	31	935	3.4	414	52	1177	3.8	523	83	1375	4.4	700	140	1677	4.9	856	197	1932
06413800	log-Pearson Type III frequency results: USGS	nodata																											
06413800	CN method using AMC II, Type I rainfall distribution		20				73				169				251				321				435				536		
06413800	USGS regression equation					10				22				35				58				84				115			
06421750	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	50	1	247	2	102	8	370	2.6	196	22	568	3	269	37	699	3.6	390	75	902	4.1	498	114	1074	4.5	590	150	1213
06421750	log-Pearson Type III frequency results: USGS					7.8				17				25				39				51				66			
06421750	CN method using AMC II, Type I rainfall distribution		24				54				115				163				240				310				369		
06421750	USGS regression equation					9				20				33				57				83				115			
06423400	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	39	2	143	2	67	6	201	2.8	139	24	321	3.2	179	38	382	3.8	244	66	476	4.4	312	96	570	4.8	358	118	634
06423400	log-Pearson Type III frequency results: USGS					nodata																							
06423400	CN method using AMC II, Type I rainfall distribution		17				35				76				100				137				177				204		
06423400	USGS regression equation					56				148				240				384				515				669			
06434800	CN method using AMC I, II, and III, Type II rainfall distribution	1.5	159	13	573	1.6	188	17	638	2.2	395	54	1028	2.5	515	90	1228	3.1	775	184	1636	3.4	914	241	1843	3.8	1106	322	2121
06434800	log-Pearson Type III frequency results: USGS					44				98				151				240				326				430			
06434800	CN method using AMC II, Type I rainfall distribution		86				105				240				316				485				575				700		
06434800	USGS regression equation					47				138				238				392				540				712			
06439050	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	50	4	164	1.8	83	7	195	2.5	162	24	306	2.7	206	31	338	3.4	264	62	454	3.8	335	82	520	4.4	382	116	621
06439050	log-Pearson Type III frequency results: USGS					24				70				126				237				358				523			
06439050	CN method using AMC II, Type I rainfall distribution		27				37				78				91				140				169				213		
06439050	USGS regression equation					65				182				304				501				685				905			
06439060	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	13	1	38	1.8	17	2	45	2.5	34	6	70	2.7	39	8	78	3.4	58	16	104	3.8	70	22	120	4.4	87	30	143
06439060	log-Pearson Type III frequency results: USGS					6.6				23				44				90				145				225			
06439060	CN method using AMC II, Type I rainfall distribution		7				9				19				22				33				40				50		
06439060	USGS regression equation					35				81				121				176				223				276			
06439080	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	350	29	787	1.8	459	58	934	2.5	893	231	1469	2.7	1028	299	1623	3.4	1515	590	2162	3.8	1808	784	2470	4.4	2248	1107	2928
06439080	log-Pearson Type III frequency results: USGS					59				303				700				1680				2920				4790			
06439080	CN method using AMC II, Type I rainfall distribution		198				267				548				636				961				1155				1455		
06439080	USGS regression equation					135				459				864				1644				2448				3478			
06439400	CN method using AMC I, II, and III, Type II rainfall distribution	1.7	103	9	272	2	147	16	342	2.8	281	64	538	3.4	393	114	687	4.2	547	191	890	4.4	586	212	941	4.9	683	267	1068
06439400	log-Pearson Type III frequency results: USGS					12				39				78				171				291				479			
06439400	CN method using AMC II, Type I rainfall distribution		51				76				151				214				300				322				375		
06439400	USGS regression equation					7				19				33				55				77				103			
06440700	CN method using AMC I, II, and III, Type II rainfall distribution	1.7	387	18	1050	2	486	54	1338	2.8	1206	278	2130	3.4	1729	545	2732	3.9	2185	821	3233	4.4	2654	1135	3736	5	3224	1548	4337
06440700	log-Pearson Type III frequency results: USGS	nodata																											
06440700	CN method using AMC II, Type I rainfall distribution		198				316				701				1029				1323				1619				1999		
06440700	USGS regression equation					61				180				311				511				703				925			
06441200	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	88	10	222	2.1	121	20	274	2.9	219	60	414	3.4	286	91	503	4	365	132	611	4.4	419	163	683	5.1	514	220	809
06441200	log-Pearson Type III frequency results: USGS	30				90				158				286				417				582				1140			
06441200	CN method using AMC II, Type I rainfall distribution		47				65				121				160				205				235				289		
06441200	USGS regression equation					57				152				246				396				531				692			
06441530	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	61	2	304	2.2	116	9	436	3	253	29	718	3.5	353	57	896	4.1	485	102	1115	4.6	603	148	1300	5.2	752	211	1525
06441530	log-Pearson Type III frequency results: USGS					29				136				288				609				962				1430			
06441530	CN method using AMC II, Type I rainfall distribution		27				58				144				207				289				362				455		
06441530	USGS regression equation					87				262				457				799				1129				1534			
06441580	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	281	7	1001	2.2	512	31	1401	3	1104	188	2246	3.5	1529	361	2782	4.1	2074	631	3439	4.6	2559	904	3992	5.2	3156	1278	4658
06441580	log-Pearson Type III frequency results: USGS					101				593				1440				3580				6360				10600			
06441580	CN method using AMC II, Type I rainfall distribution		138				274				639				913				1270				1586				1980		
06441580	USGS regression equation					153				538				1034				2017				3047				4384			
06441670	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	22	0	136	2.2	46	2	198	3	110	10	334	3.5	157	17	419	4.1	220	36	524	4.6	277	56	613	5.2	348	85	722
06441670	log-Pearson Type III frequency results: USGS					57				177				321				606				916				1330			
06441670	CN method using AMC II, Type I rainfall distribution		7				18				55				82				118				150				191		
06441670	USGS regression equation					57				153				249				401				539				702			
06441750	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	58	5	156	2.2	89	12	207	3	162	41	311	3.5	211	64	377	4.1	274	95	458	4.6	324	124	525	5.2	387	162	606
06441750	log-Pearson Type III frequency results: USGS					72				146				205				287				352				420			
06441750	CN method using AMC II, Type I rainfall distribution		27				44				83				110				144				171				203		
06441750	USGS regression equation					44				111				172				264				344				437			

Table 12 Continued.

USGS Station ID	Method Used To Compute Peak Flows	1-yr Peak Flow (cfs.)				2-yr Peak Flow (cfs.)				5-yr Peak Flow (cfs.)				10-yr Peak Flow (cfs.)				25-yr Peak Flow (cfs.)				50-yr Peak Flow (cfs.)				100-yr Peak Flow (cfs.)			
		Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III
06442050	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	228	22	670	2.2	353	48	887	3	642	151	1333	3.5	840	236	1618	4.1	1090	349	1962	4.6	1293	454	2251	5.2	1541	590	2599
06442050	log-Pearson Type III frequency results: USGS					172				459				746				1230				1680				2200			
06442050	CN method using AMC II, Type I rainfall distribution		124				200				374				495				648				769				916		
06442050	USGS regression equation					95				295				524				931				1331				1826			
06442380	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	69	6	174	2.3	114	18	244	3.1	197	52	360	3.6	254	77	434	4.2	321	112	523	4.7	378	143	598	5.3	447	184	688
06442380	log-Pearson Type III frequency results: USGS					32				98				177				333				503				730			
06442380	CN method using AMC II, Type I rainfall distribution		35				60				107				139				177				208				246		
06442380	USGS regression equation					13				36				62				104				144				192			
06442400	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	893	98	2000	2.3	1524	317	2807	3.1	2649	891	4128	3.6	3404	1359	4943	4.2	4331	2006	5924	4.7	5131	2588	6741	5.3	6088	3354	7722
06442400	log-Pearson Type III frequency results: USGS					75				168				257				407				551				725			
06442400	CN method using AMC II, Type I rainfall distribution		505				901				1633				2125				2751				3280				3922		
06442400	USGS regression equation					88				262				452				739				1014				1332			
06442850	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	74	6	241	2.3	116	12	321	3.1	216	42	486	3.6	286	69	592	4.2	375	107	721	4.7	452	141	829	5.3	545	187	960
06442850	log-Pearson Type III frequency results: USGS					8.2				21				35				59				82				110			
06442850	CN method using AMC II, Type I rainfall distribution		39				65				126				168				223				271				327		
06442850	USGS regression equation					13				37				62				104				144				190			
06442960	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	376	26	1026	2.3	610	82	1368	3.2	1226	334	2165	3.7	1609	536	2612	4.3	2088	827	3151	4.9	2587	1160	3678	5.4	3011	1461	4139
06442960	log-Pearson Type III frequency results: USGS	nodata																											
06442960	CN method using AMC II, Type I rainfall distribution		209				355				759				1013				1337				1672				1960		
06442960	USGS regression equation					35				115				208				381				551				760			
06446250	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	66	2	326	2	135	10	488	2.8	309	34	834	3.3	437	71	1054	3.8	578	119	1279	4.4	757	189	1553	4.8	883	242	1737
06446250	log-Pearson Type III frequency results: USGS					240				475				675				977				1240				1530			
06446250	CN method using AMC II, Type I rainfall distribution		28				68				177				257				344				456				535		
06446250	USGS regression equation					94				288				510				903				1288				1763			
06446300	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	68	0	516	2	161	6	787	2.8	420	40	1384	3.2	574	61	1684	3.8	831	127	2145	4.4	1113	221	2616	4.8	1311	294	2934
06446300	log-Pearson Type III frequency results: USGS					n/a																							
06446300	CN method using AMC II, Type I rainfall distribution		27				72				230				325				485				658				781		
06446300	USGS regression equation					44				129				223				366				505				666			
06446430	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	16	0	74	2	33	2	111	2.8	76	7	188	3.2	101	15	228	3.8	142	30	289	4.4	186	50	351	4.8	216	64	392
06446430	log-Pearson Type III frequency results: USGS					110				198				274				395				505				634			
06446430	CN method using AMC II, Type I rainfall distribution		5				13				37				50				72				96				113		
06446430	USGS regression equation					9				26				45				75				104				139			
06446550	CN method using AMC I, II, and III, Type II rainfall distribution	1.7	34	1	166	2	60	3	221	2.8	141	13	376	3.4	215	34	495	3.9	282	60	596	4.4	353	92	699	5	443	135	824
06446550	log-Pearson Type III frequency results: USGS					193				374				522				739				920				1120			
06446550	CN method using AMC II, Type I rainfall distribution		11				22				66				106				142				180				229		
06446550	USGS regression equation: Area C					13				37				63				106				147				195			
06446550	USGS regression equation: Area D					52				135				216				340				452				583			
06446800	CN method using AMC I, II, and III, Type II rainfall distribution	1.7	42	0	275	2	76	3	371	2.8	195	20	653	3.4	303	39	866	3.9	404	68	1049	4.4	512	103	1234	5	650	153	1460
06446800	log-Pearson Type III frequency results: USGS					nodata																							
06446800	CN method using AMC II, Type I rainfall distribution		20				39				115				186				252				323				413		
06446800	USGS regression equation					34				99				170				281				387				512			
06447490	CN method using AMC I, II, and III, Type II rainfall distribution	1.6	117	0	546	2	245	9	825	2.8	613	76	1432	3.4	954	190	1905	3.9	1261	321	2309	4.5	1667	515	2803	5.1	2081	747	3290
06447490	log-Pearson Type III frequency results: USGS	nodata																											
06447490	CN method using AMC II, Type I rainfall distribution		74				155				404				643				864				1154				1458		
06447490	USGS regression equation					84				249				431				704				967				1270			
06449700	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	97	3	483	2.2	183	15	693	3	396	48	1141	3.5	553	91	1424	4.1	760	161	1772	4.7	981	246	2125	5.2	1175	327	2423
06449700	log-Pearson Type III frequency results: USGS					32				135				306				765				1420				2510			
06449700	CN method using AMC II, Type I rainfall distribution		46				98				236				338				471				615				741		
06449700	USGS regression equation					43				125				216				356				490				647			
06449750	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	280	3	1242	2.2	554	15	1761	3	1285	133	2875	3.5	1824	305	3591	4.1	2529	599	4462	4.7	3278	976	5329	5.2	3919	1351	6073
06449750	log-Pearson Type III frequency results: USGS					28				120				270				664				1210				2110			
06449750	CN method using AMC II, Type I rainfall distribution		111				256				679				1004				1432				1893				2298		
06449750	USGS regression equation					71				210				363				595				817				1075			
06451750	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	600	107	1141	2.3	868	227	1465	3	1454	570	2119	3.6	1841	835	2525	4.2	2312	1192	3007	4.8	2712	1509	3409	5.4	3198	1911	3891
06451750	log-Pearson Type III frequency results: USGS					69				142				207				307				395				496			
06451750	CN method using AMC II, Type I rainfall distribution		342				513				890				1138				1449				1711				2029		
06451750	USGS regression equation					55				162				279				458				630				831			
06452250	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	328	31	863	2.4	593	103	1284	3.2	997	262	1864	3.7	1268	379	2232	4.4	1644	567	2751	4.9	1917	714	3124	5.5	2250	903	3574
06452250	log-Pearson Type III frequency results: USGS					36				64				86				116				139				165			
06452250	CN method using AMC II, Type I rainfall distribution		183				343				590				757				983				1146				1345		
06452250	USGS regression equation					41				119				205				337				464				613			
06453150	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	83	9	220	2.5	120	20	281	3.4	213	57	421	3.9	269	81	501	4.6	351	120	614	5.2	419	157	711	5.7	478	190	792
06453150	log-Pearson Type III frequency results: USGS					30				86				147				260				374				518			
06453150	CN method using AMC II, Type I rainfall distribution		47				70				127				162				213				254				290		
06453150	USGS regression equation					14				38				62				104				143				188			
06471400	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	247	32	575	2.4	413	90	804	3.2	720	236	1186	3.7	923	352	1424	4.3	1182	519	1712	4.9	1453	704	1999	5.4	1680	865	2237
06471400	log-Pearson Type III frequency results: USGS					16				39				62				103				145				198			

Table 12 Continued.

USGS Station ID	Method Used To Compute Peak Flows	1-yr Peak Flow (cfs.)				2-yr Peak Flow (cfs.)				5-yr Peak Flow (cfs.)				10-yr Peak Flow (cfs.)				25-yr Peak Flow (cfs.)				50-yr Peak Flow (cfs.)				100-yr Peak Flow (cfs.)			
		Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III
06471400	CN method using AMC II, Type I rainfall distribution		179				302				533				691				892				1101				1277		
06471400	USGS regression equation					29				103				189				349				507				698			
06471450	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	27	2	98	2.3	43	4	130	3.1	82	15	197	3.6	109	25	240	4.2	144	40	292	4.7	174	54	336	5.2	206	69	380
06471450	log-Pearson Type III frequency results: USGS					6.5				18				30				49				67				87			
06471450	CN method using AMC II, Type I rainfall distribution		13				23				46				63				84				102				121		
06471450	USGS regression equation					8				20				33				53				72				93			
06471750	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	116	2	466	2.2	218	11	660	3	488	69	1080	3.5	687	139	1353	4	903	231	1629	4.5	1130	343	1906	5.1	1418	502	2237
06471750	log-Pearson Type III frequency results: USGS	nodata																											
06471750	CN method using AMC II, Type I rainfall distribution		68				132				310				446				595				755				959		
06471750	USGS regression equation					26				90				165				302				436				598			
06473300	CN method using AMC I, II, and III, Type II rainfall distribution	1.8	125	0	555	2.2	250	10	857	3	612	73	1517	3.5	912	155	1936	4.1	1317	298	2455	4.6	1668	446	2908	5.2	2130	674	3436
06473300	log-Pearson Type III frequency results: USGS					nodata																							
06473300	CN method using AMC II, Type I rainfall distribution		86				165				405				597				872				1125				1445		
06473300	USGS regression equation					31				113				210				394				575				795			
06473400	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	45	5	334	2.2	88	13	429	3	203	37	688	3.6	270	69	887	4.1	381	101	1057	4.6	500	138	1228	5.2	583	189	1436
06473400	log-Pearson Type III frequency results: USGS					(no USGS peak flow frequency)																							
06473400	CN method using AMC II, Type I rainfall distribution		50				77				165				243				313				388				481		
06473400	USGS regression equation					21				67				120				214				304				412			
06473800	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	215	3	916	2.3	404	20	1337	3.1	967	122	2267	3.6	1390	245	2874	4.2	1958	459	3612	4.7	2480	699	4285	5.3	3130	1041	5172
06473800	log-Pearson Type III frequency results: USGS					14				96				241				612				1090				1790			
06473800	CN method using AMC II, Type I rainfall distribution		133				254				604				884				1261				1599				2030		
06473800	USGS regression equation					38				131				243				454				663				919			
06473850	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	156	7	509	2.3	271	23	707	3.1	558	110	1125	3.6	765	197	1395	4.2	1034	329	1724	4.7	1272	461	1997	5.3	1566	644	2335
06473850	log-Pearson Type III frequency results: USGS					28				90				159				280				396				535			
06473850	CN method using AMC II, Type I rainfall distribution		96				171				367				513				701				874				1084		
06473850	USGS regression equation					31				103				188				344				496				682			
06473880	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	115	2	417	2.3	203	13	584	3.1	436	69	948	3.6	606	132	1184	4.2	831	232	1468	4.7	1031	331	1713	5.3	1273	468	2009
06473880	log-Pearson Type III frequency results: USGS					17				62				122				244				380				561			
06473880	CN method using AMC II, Type I rainfall distribution		77				138				304				430				592				743				928		
06473880	USGS regression equation					32				108				197				362				525				723			
06475550	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	200	34	425	2.3	302	74	563	3.1	532	189	842	3.7	719	302	1057	4.2	880	410	1233	4.8	1075	553	1446	5.4	1279	709	1661
06475550	log-Pearson Type III frequency results: USGS					16				47				83				154				229				327			
06475550	CN method using AMC II, Type I rainfall distribution		147				224				399				543				669				826				987		
06475550	USGS regression equation					31				102				184				335				484				664			
06475850	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	194	52	341	2.3	277	94	440	3.1	452	204	638	3.7	593	306	786	4.2	715	398	912	4.8	859	512	1062	5.4	641	741	1208
06475850	log-Pearson Type III frequency results: USGS					nodata																							
06475850	CN method using AMC II, Type I rainfall distribution		140				202				338				446				540				653				766		
06475850	USGS regression equation					30				95				170				305				438				599			
06475950	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	244	48	509	2.4	394	112	700	3.2	657	256	1018	3.7	830	365	1215	4.3	1048	517	1453	4.9	1273	686	1695	5.4	1470	827	1892
06475950	log-Pearson Type III frequency results: USGS					12				40				72				130				186				254			
06475950	CN method using AMC II, Type I rainfall distribution		193				309				522				666				844				1026				1188		
06475950	USGS regression equation					38				125				227				416				604				834			
06477140	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	162	13	449	2.5	255	34	599	3.3	477	117	912	3.9	665	206	1152	4.5	871	315	1395	5.1	1087	441	1643	5.6	1271	563	1854
06477140	log-Pearson Type III frequency results: USGS					45				104				157				239				310				389			
06477140	CN method using AMC II, Type I rainfall distribution		115				183				349				495				648				813				954		
06477140	USGS regression equation					38				123				220				402				581				801			
06477400	CN method using AMC I, II, and III, Type II rainfall distribution	1.9	24	1	89	2.3	41	3	124	3.2	86	13	202	3.7	115	23	247	4.3	152	38	302	4.9	191	55	357	5.4	225	71	404
06477400	log-Pearson Type III frequency results: USGS					18				34				46				63				77				92			
06477400	CN method using AMC II, Type I rainfall distribution		10				19				46				62				83				106				126		
06477400	USGS regression equation					9				21				34				55				74				96			
06478050	CN method using AMC I, II, and III, Type II rainfall distribution	2	168	18	426	2.4	258	45	558	3.3	500	150	866	3.8	648	231	1038	4.5	863	364	1283	5.1	1056	495	1488	5.6	1218	612	1664
06478050	log-Pearson Type III frequency results: USGS	28				59				85				125				160				198				304			
06478050	CN method using AMC II, Type I rainfall distribution		109				171				341				447				603				743				865		
06478050	USGS regression equation					30				93				165				295				421				576			
06478200	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	36	3	124	2.6	53	7	174	3.4	101	18	256	3.9	131	27	308	4.6	176	43	383	5.2	216	59	448	5.8	251	77	513
06478200	log-Pearson Type III frequency results: USGS					23				45				65				96				124				156			
06478200	CN method using AMC II, Type I rainfall distribution		21				37				67				88				120				149				180		
06478200	USGS regression equation					17				46				77				131				181				241			
06478250	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	118	16	367	2.6	186	32	506	3.4	311	78	735	3.9	415	116	881	4.6	543	180	1090	5.2	657	242	1270	5.8	772	310	1452
06478250	log-Pearson Type III frequency results: USGS					19				118				290				729				1300				2160			
06478250	CN method using AMC II, Type I rainfall distribution		79				129				224				289				387				475				565		
06478250	USGS regression equation					31				94				165				294				420				573			
06478400	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	79	12	309	2.6	133	27	434	3.4	234	66	638	3.9	305	100	769	4.6	411	158	955	5.2	507	216	1116	5.8	606	280	1279
06478400	log-Pearson Type III frequency results: USGS					32				54				71				94				114				135			
06478400	CN method using AMC II, Type I rainfall distribution		62				103				182				238				323				399				478		
06478400	USGS regression equation					32				95				167				296				423				577			
06478630	CN method using AMC I, II, and III, Type II rainfall distribution	2	70	5	299	2.5	129	16	439	3.3	243	40	668	3.8	324	66	814	4.4	429	102	992	5	540	144	1174	5.6	656	192	1357

Table 12 Continued.

USGS Station ID	Method Used To Compute Peak Flows	1-yr Peak Flow (cfs.)				2-yr Peak Flow (cfs.)				5-yr Peak Flow (cfs.)				10-yr Peak Flow (cfs.)				25-yr Peak Flow (cfs.)				50-yr Peak Flow (cfs.)				100-yr Peak Flow (cfs.)			
		Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III	Rainfall (in.)	CN-II	CN-I	CN-III
06478630	log-Pearson Type III frequency results: USGS					9.8				25				41				67				93				123			
06478630	CN method using AMC II, Type I rainfall distribution		44				85				165				223				297				376				460		
06478630	USGS regression equation					40				112				181				290				385				488			
06478650	CN method using AMC I, II, and III, Type II rainfall distribution	2.2	140	20	462	2.6	202	35	587	3.5	362	87	876	4	460	126	1040	4.7	605	188	1272	5.3	733	247	1473	5.8	839	300	1641
06478650	log-Pearson Type III frequency results: USGS					39				70				96				136				171				212			
06478650	CN method using AMC II, Type I rainfall distribution		98				144				262				335				442				538				616		
06478650	USGS regression equation					32				93				162				286				407				554			
06478820	CN method using AMC I, II, and III, Type II rainfall distribution	2.2	197	26	648	2.7	309	51	868	3.5	514	118	1230	4.1	683	183	1506	4.8	891	270	1833	5.4	1076	354	2115	6	1257	444	2399
06478820	log-Pearson Type III frequency results: USGS					16				46				79				138				196				269			
06478820	CN method using AMC II, Type I rainfall distribution		131				210				355				475				624				755				883		
06478820	USGS regression equation					38				109				189				335				478				654			
06478950	CN method using AMC I, II, and III, Type II rainfall distribution	2.3	381	25	1019	2.7	578	68	1314	3.6	1103	261	2010	4.2	1490	451	2484	4.9	1969	727	3031	5.5	2406	1000	3515	6.1	2847	1303	3992
06478950	log-Pearson Type III frequency results: USGS					237				518				758				1110				1410				1730			
06478950	CN method using AMC II, Type I rainfall distribution		207				329				665				921				1240				1528				1826		
06478950	USGS regression equation					239				573				862				1293				1653				2037			
06479020	CN method using AMC I, II, and III, Type II rainfall distribution	2.2	158	15	416	2.6	242	36	548	3.5	463	125	854	4	599	193	1028	4.7	812	307	1273	5.3	996	420	1488	5.8	1156	530	1669
06479020	log-Pearson Type III frequency results: USGS					18				37				54				81				105				133			
06479020	CN method using AMC II, Type I rainfall distribution		114				175				344				449				608				755				878		
06479020	USGS regression equation					41				126				224				404				583				803			
06479240	CN method using AMC I, II, and III, Type II rainfall distribution	2	15	1	64	2.5	28	3	94	3.3	54	8	143	3.8	72	14	175	4.4	96	22	213	5	121	33	252	5.5	143	42	285
06479240	log-Pearson Type III frequency results: USGS					8.9				25				40				68				93				123			
06479240	CN method using AMC II, Type I rainfall distribution		7				15				32				43				58				74				88		
06479240	USGS regression equation					10				30				49				80				105				133			
06479260	CN method using AMC I, II, and III, Type II rainfall distribution	2	270	12	839	2.5	505	51	1217	3.3	962	203	1857	3.8	1280	346	2268	4.4	1693	561	2759	5	2138	817	3255	5.5	2513	1056	3683
06479260	log-Pearson Type III frequency results: USGS					94				331				591				1040				1440				1910			
06479260	CN method using AMC II, Type I rainfall distribution		154				301				604				824				1108				1411				1673		
06479260	USGS regression equation					59				169				276				449				601				770			
06479550	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	176	19	429	2.5	268	46	565	3.3	481	134	847	3.8	627	208	1030	4.4	811	313	1251	5	1005	432	1476	5.6	1210	572	1702
06479550	log-Pearson Type III frequency results: USGS					17				33				46				63				76				90			
06479550	CN method using AMC II, Type I rainfall distribution		133				203				368				485				634				791				954		
06479550	USGS regression equation					64				179				290				468				624				797			
06479810	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	49	5	161	2.6	81	10	219	3.4	139	30	315	3.9	180	47	376	4.6	239	73	463	5.2	293	98	538	5.7	337	121	601
06479810	log-Pearson Type III frequency results: USGS					24				79				144				268				396				559			
06479810	CN method using AMC II, Type I rainfall distribution		25				44				79				102				138				170				196		
06479810	USGS regression equation					24				63				100				156				203				253			
06479900	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	247	25	648	2.6	414	74	899	3.4	722	206	1328	3.9	938	318	1605	4.6	1273	502	1995	5.2	1563	683	2337	5.7	1856	891	2667
06479900	log-Pearson Type III frequency results: USGS					114				447				865				1680				2520				3590			
06479900	CN method using AMC II, Type I rainfall distribution		192				322				574				750				1012				1249				1498		
06479900	USGS regression equation					151				394				619				971				1275				1606			
06479950	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	122	9	341	2.6	212	31	483	3.4	383	97	723	3.9	505	155	874	4.6	683	252	1095	5.2	853	351	1283	5.7	994	445	1439
06479950	log-Pearson Type III frequency results: USGS					56				250				505				1010				1520				2160			
06479950	CN method using AMC II, Type I rainfall distribution		85				150				278				367				505				628				736		
06479950	USGS regression equation					96				251				394				617				806				1013			
06480720	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	116	14	312	2.6	180	34	421	3.4	296	78	598	3.9	374	111	711	4.6	487	164	871	5.2	582	214	1009	5.7	663	258	1124
06480720	log-Pearson Type III frequency results: USGS					12				34				56				92				125				162			
06480720	CN method using AMC II, Type I rainfall distribution		70				112				188				239				312				373				425		
06480720	USGS regression equation					50				131				205				319				414				516			
06482600	CN method using AMC I, II, and III, Type II rainfall distribution	2.2	229	21	749	2.6	338	37	960	3.5	626	120	1450	4	804	185	1729	4.7	1068	293	2125	5.3	1305	395	2468	5.8	1505	488	2755
06482600	log-Pearson Type III frequency results: USGS					134				433				745				1260				1720				2230			
06482600	CN method using AMC II, Type I rainfall distribution		127				197				379				491				659				811				938		
06482600	USGS regression equation					127				312				474				716				918				1133			
06482870	CN method using AMC I, II, and III, Type II rainfall distribution	2.2	58	6	163	2.7	90	14	216	3.5	147	35	303	4.1	193	55	369	4.8	249	81	448	5.4	297	106	515	6	345	133	583
06482870	log-Pearson Type III frequency results: USGS					25				44				59				80				99				119			
06482870	CN method using AMC II, Type I rainfall distribution		32				51				85				112				146				174				202		
06482870	USGS regression equation: Area A					60				146				218				323				408				496			
06482870	USGS regression equation: Area B					13				34				54				87				118				154			
06485550	CN method using AMC I, II, and III, Type II rainfall distribution	2.1	213	12	610	2.6	372	45	853	3.4	676	155	1257	3.9	885	255	1514	4.6	1200	428	1873	5.2	1479	601	2189	5.8	1767	796	2499
06485550	log-Pearson Type III frequency results: USGS					380				924				1430				2220				2920				3710			
06485550	CN method using AMC II, Type I rainfall distribution		117				216				413				553				763				952				1149		
06485550	USGS regression equation					231				544				811				1206				1533				1879			