PEAK DATA FOR U.S. GEOLOGICAL SURVEY GAGING STATIONS, TEXAS NETWORK; AND COMPUTER PROGRAM TO ESTIMATE PEAK-STREAMFLOW FREQUENCY

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[Diskette is in pocket]

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Peak Data for U.S. Geological Survey Gaging Stations, Texas Network; and Computer Program to Estimate Peak-Streamflow Frequency

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Abstract

About 23,000 annual peak streamflows and about 400 historical peak streamflows exist for about 950 stations in the surface-water data-collection network of Texas. These data are presented on a computer diskette along with the corresponding dates, gage heights, information concerning the basin, and nature or cause of the flood. Also on the computer diskette is a U.S. Geological Survey computer program that estimates peak-streamflow frequency based on annual and historical peak streamflow.

The computer program estimates peak streamflow for 2-, 5-, 10-, 25-, 50-, and 100-year recurrence intervals and is based on guidelines established by the Interagency Advisory Committee on Water Data. Explanations are presented for installing the program, and an example is presented with discussion of its options.

INTRODUCTION

For more than 100 years, the U.S. Geological Survey (USGS) has been monitoring and publishing streamflow data, including annual peak discharges, for streamflow-gaging stations throughout the United States. Other information associated with peak discharges, including the date and gage height (stage) for each peak and supplemental information concerning the basin and the nature or cause of the peak, is published with the peak streamflows. Collectively, this information is referred to as peak values or peak data. Peak data are of two classes: systematic, which is peak data systematically collected during the period that a gaging station has been operated; and historical, which is miscellaneous peak data outside periods of systematic record obtained from various sources. The peak values are stored in the National Water Data Storage and Retrieval System (U.S. Geological Survey, 1979) and are published in annual data reports by the USGS.

The purpose of this report, which was prepared in cooperation with the Texas Department of Transportation and the Texas Natural Resource Conservation Commission, is to present on computer diskette (1) a comprehensive file of annual peak streamflows and historical peak streamflows for stations in the surface-water data-collection network of Texas; and (2) an executable version of a computer program (for IBM-compatible personal computers), including installation instructions, that estimates peak streamflow for 2-, 5-, 10-, 25-, 50-, and 100-year recurrence intervals.

The file contains about 23,000 annual peaks and 400 historical peaks for about 950 stations. Tables of supplemental information regarding the peak streamflows and the gaging stations are in the text of this report. Included is a table of the largest historical peak streamflows (as many as eight per station) and associated gage heights for stations with at least 8 years of record from unregulated[1], natural[2] basins.

The computer program PEAKFQ (K.M. Flynn, U.S. Geological Survey, written commun., 1995) is based on guidelines for streamflow-frequency analysis established by the Interagency Advisory Committee on Water Data (IACWD) (1982). A summary of the principles of streamflow-frequency analysis associated with the computer program is in the text of this report as background information and to assist the reader in the use of program options.

[1]An unregulated basin is defined as a basin with less than 10 percent of its drainage area controlled by reservoirs.

[2]A natural basin is defined as a basin with less than 10-percent impervious cover and no human-related factors that would affect peak streamflow.

PRINCIPLES OF PEAK-STREAMFLOW FREQUENCY

Principles of Calculation

Program PEAKFQ performs statistical analyses of annual peak streamflow following the procedure recommended by the IACWD. The IACWD guidelines contain a complete and definitive description of the recommended procedure.

The IACWD procedure characterizes occurrences of peak streamflows at a single site as a sequence of annual peak-streamflow events. The magnitudes of the annual events are assumed to be independent random variables following a log-Pearson Type III probability distribution (the logarithms of the peak flows generally follow a Pearson Type III distribution). This distribution defines the probability that any single annual peak will exceed a specified streamflow. Given this probability, other probabilities, such as the probability that a future design period will be free of exceedance, can be calculated by standard methods. By considering only annual events, the IACWD guidelines reduce the peak-streamflow frequency problem to the problem of estimating the log-Pearson annual probability curve using the record of annual peak flows at the site. This estimated curve is what the program PEAKFQ calculates.

Peak-Streamflow Records

The peak data fall into two classes: systematic and historical. The systematic record includes all annual peaks observed in the course of one or more systematic gaging programs at a site. In a systematic gaging program, the annual peak is observed (or estimated) for each year of the program. If the peak is too small to measure, an estimate of the upper bound on its magnitude is provided. This type of peak is identified in the peak values file (diskette) with an appropriate streamflow qualification code. Streamflow qualification codes are explained later in the text. Several systematic records at one site can be combined. Gaps between distinct systematic record periods can be ignored, provided no extreme hydrologic conditions occurred during the gaps.

In contrast to the systematic record, the historical record consists of annual peaks that would not have been observed except for evidence indicating their unusual magnitude. Flood information acquired from old newspaper articles, letters, personal recollections, and other historical sources almost invariably refers to peaks of noteworthy—and hence extraordinary—size. Thus, historical records, by the conditions of their collection, form a biased and unrepresentative sample of flood experience. Despite this bias, however, the historical record can be used to supplement the systematic record provided that all historical peaks, which are above some historical threshold, have been documented.

The systematic record might contain one or more peaks for which historical information is available or which exceed the smaller historical peaks. Such peaks are called high outliers. They are used as part of the systematic record but also are treated like historical peaks in the procedure for historical record adjustment.

Systematic Record Analysis

The procedure for IACWD-recommended calculations done by PEAKFQ includes many steps, as illustrated in figure 1. The first step, represented by box ASP, is to calculate the statistics of the common logarithms of the peak-streamflow values in the systematic record. At some sites, annual peaks of magnitude zero can occur; more often, the annual peak is less than or equal to some lower limit of measurement called the gage base (which could be zero). To account for this possibility, the number of peaks below the gage base is calculated in addition to the mean, the standard deviation, and the skewness of the logarithms of the above-base systematic peaks. These procedures are indicated in figure 1 as flowchart boxes CSA and FCA. The statistics of the systematic peaks serve as an initial estimate of the IACWD frequency curve and are modified as necessary by the succeeding steps.

Outlier and Historical Record Tests

The second step is to detect and make appropriate adjustments for low outliers, high outliers, and historical peaks. The sequence of these tests and adjustments depends on the station skew coefficient, G, calculated in the first step. Because a relatively large skew coefficient of either sign is likely to be caused by an outlier (extreme high or low streamflow value), this possibility is checked first; and any necessary adjustment associated with outliers of one extreme is applied before checking for outliers of the opposite extreme. If the skew coefficient is of relatively moderate size, the existence of both high and low outliers can be checked before applying any adjustments. Program PEAKFQ

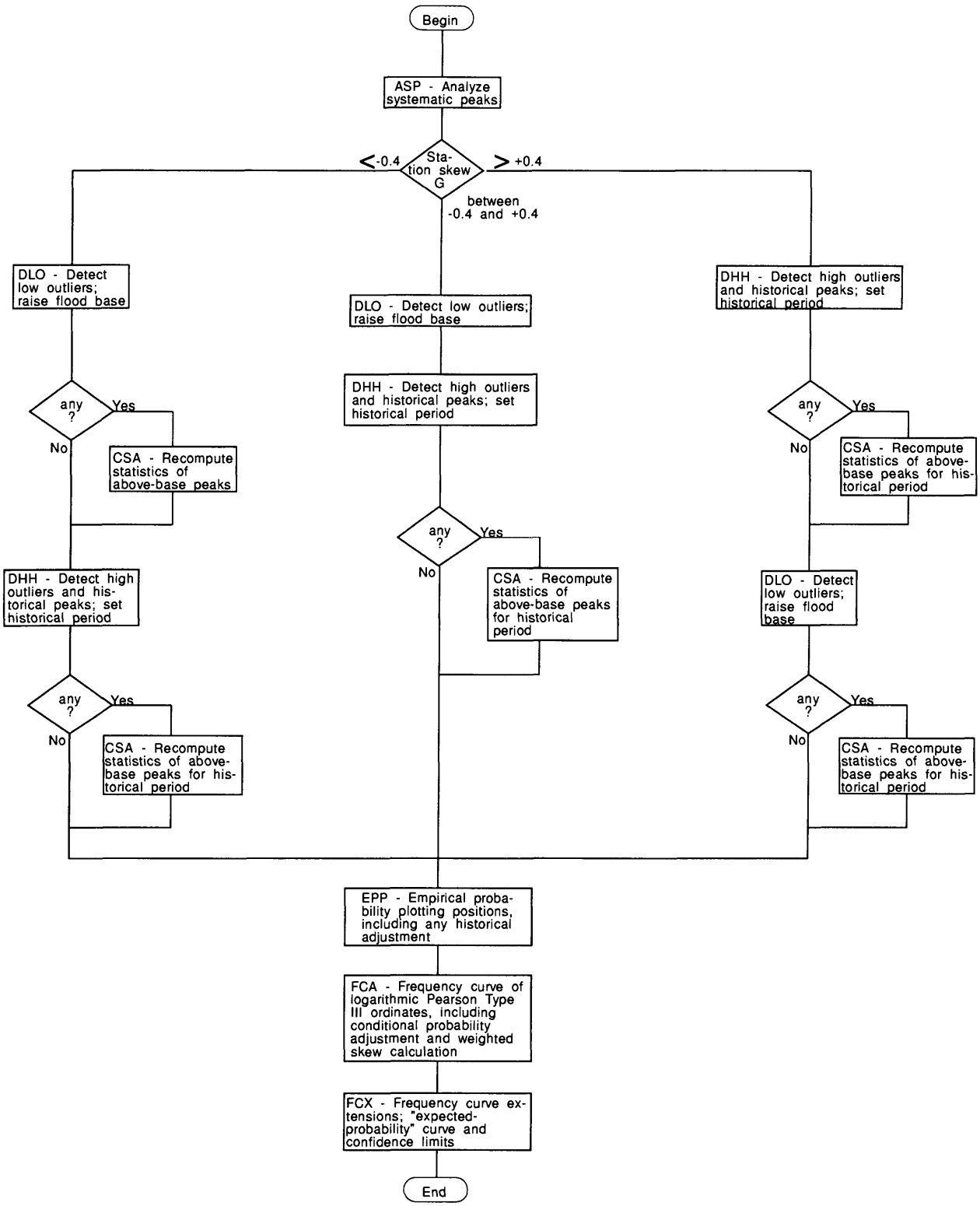

Figure 1. Flowchart showing PEAKFQ. (Modified from U.S. Geological Survey, 1979.)

detects low outliers automatically as shown in box DLO in figure 1, using the formula specified in the IACWD guidelines. High outliers also are detected automatically, in flowchart box DHH, but no adjustment can be applied unless the user supplies necessary information about the length of the historical period. Boxes DLO and DHH merely detect the presence or absence of outliers and historical information. Flowchart box CSA, which recalculates the statistics of the above-base peaks for the historical period, performs the actual adjustments.

Historical Record Adjustment

Flowchart box CSA in figure 1 represents the recalculation of the statistics of the above-base peaks as required after the detection of outliers or historical information. It takes into account any zero flows or below-gage base peaks, low outliers, high outliers, and historical peaks that have been detected, as specified by the IACWD (1982, app. 6).

Estimation of Skew Coefficient

The skew of a frequency distribution has a tremendous effect on the resulting shape and thus on the values of the distribution. The discussion in this section concerns the development of appropriate skew coefficients for the program's flood-frequency analysis. The following discussion is adapted from the IACWD (1982, p. 10–14).

A skew coefficient represents a numerical value that affects the shape of a peak-streamflow-frequency distribution curve. It is affected by watershed and climatologic characteristics such as drainage area, channel slope, basin shape, and precipitation. Station skew coefficients are derived from annual peak discharges for a station. They are sensitive to extreme peak discharges; thus, it is difficult to obtain an accurate skew coefficient for stations with short records. Therefore, the IACWD (1982) recommends using a weighted skew coefficient with the log-Pearson Type III distribution, calculated by mathematically weighting the station skew coefficient and a generalized skew coefficient.

The generalized skew coefficient for a site is estimated by combining station skew information from nearby stations with similar site characteristics; the generalized skew is believed to have geographic continuity. The IACWD (1982, p. 10–14) presents a procedure for estimating generalized skew coefficients. The IACWD also presents a map depicting lines of equal skew for the United States, developed with data through 1973.

Under the assumption that the generalized skew coefficient is unbiased and independent of the station skew coefficient, the weighted skew coefficient is computed by weighting the two coefficients in inverse proportion to their individual mean square errors. This concept is expressed in the following equation adapted from Tasker (1978):

$$G_W = \frac{MSE_{\bar{G}}(G) + MSE_G(\bar{G})}{MSE_{\bar{G}} + MSE_G}, \qquad (1)$$

where

G_W = weighted skew coefficient;
G = station skew coefficient;
$\bar{G}$ = generalized skew coefficient;
MSE_G = mean square error of station skew coefficient; and
$MSE_{\bar{G}}$ = mean square error of generalized skew coefficient.

Equation 1 can be used to calculate a weighted skew coefficient regardless of the source of the generalized skew coefficient.

PEAK DATA

The peak data needed for the computer program PEAKFQ that estimates peak-streamflow frequency are on the computer diskette of this report. The peak data also are available on the Internet at <URL:http://txwww.cr.usgs.gov/peaks>; and from the USGS Water Data Storage and Retrieval System (WATSTORE) through the use of PC–WATSTORE (Morris, 1992), a menu-driven computer program accessed by telephone modem connection to a USGS computer in Reston, Virginia.

Peak Data on Computer Diskette

The diskette contains an ASCII file (READ.ME) that explains the procedure for installing the peak values file. The program TEXPEAKS.EXE contains the compressed peak values file. Follow the instructions contained in the READ.ME file to install the peak values file.

Streamflow qualification codes are assigned to appropriate peaks in order to account for basin or environmental conditions that could have affected the

```
Columns:

0        1         2         3         4         5         6         7         8
12345678901234567890123456789012345678901234567890123456789012345678901234567890

N 08150700      LLANO RIVER NEAR MASON, TEXAS
H 08150700      303938 990632      319  12090204   3247   3242  1230.40
3 08150700      1889 0   218000    7                                        1889
3 08150700      1935 0   380000    7       46.00                            1935
3 08150700      1952 0   258000    7                                        1952
3 08150700      1968 505  18100            10.38                            1968
3 08150700      1969 624   3080             5.77                            1969
3 08150700      19691005  55700            18.53                            1970
```

Figure 2. N-, H-, and 3-card formats used by PEAKFQ.

accuracy of the streamflow peak. The streamflow qualification codes and their definitions are listed in table 1.

Additionally, stations with urbanized basins (basins containing at least 10-percent impervious cover) are listed in table 2 (at end of report). Their peak streamflows on the diskette are designated with a streamflow qualification code of "C."

The data on the diskette are organized for direct use in the peak-streamflow frequency computer program PEAKFQ, which reads input in a fixed-format ASCII file with three types of card images. Figure 2 presents an example of the N-, H-, and 3-card formats of the data on the diskette as used by PEAKFQ. The card type is specified in column 1. The N, H, and 3 cards each contain the station number in columns 3–10.

The N Card

The N-card format contains the station name in columns 17–64. The station name represents the stream

Table 1. Streamflow qualification codes for peak streamflow

Streamflow qualification code	Definition
1	Streamflow is a maximum daily average.
2	Streamflow is an estimate.
3	Streamflow affected by dam failure.
4	Streamflow less than indicated value, which is minimum recordable value at this site.
5	Streamflow affected to an unknown degree by regulation or diversion (less than 10 percent of basin controlled by reservoirs).
6	Streamflow affected by regulation. At least 10 percent of basin controlled by reservoirs.
7	Streamflow is a historical peak.
8	Streamflow actually greater than indicated value.
9	Streamflow due to snowmelt, hurricane, ice-jam, or debris-dam breakup.
A	Year of occurrence is unknown or not exact.
B	Month or day of occurrence is unknown or not exact.
C	All or part of the record affected by urbanization, mining, agricultural changes, channelization, or other activity. The urbanized basins contain at least 10-percent impervious cover.
E	Only peak streamflow is recorded for this year.

name and the name of the city with a post office closest to the station.

The H Card

The H-card format contains the latitude in columns 17–22, the longitude in columns 23–29, and a sequence number in columns 30 and 31. Columns 36–38 contain a code for the county name. The codes for all counties in Texas are presented in table 3 (at end of report). The hydrologic unit code, the code used to identify hydrologic areas, is in columns 41–48. The total drainage area (in square miles) is in columns 49–55. If the contributing drainage area is different from the total drainage area, the contributing drainage area is in columns 56–62. Finally, the datum of the gage, which represents the elevation above mean sea level for 0.0-foot (ft) gage height, is in columns 63–70. The water-surface elevation for the annual peak stage is therefore the sum of the datum of the gage and the annual maximum gage height. The gage datum is not known for some stations—generally those with small drainage areas.

The 3 Card

The 3-card format presents annual and historical peak streamflows and associated data. The calendar year for the peak is entered in columns 17–20. A two-digit code for the month of the peak is in columns 21–22, and the date is in columns 23–24. For example, 01 is used for January and 1005 for October 5. The streamflow (in cubic feet per second) is in columns 25–31, the streamflow qualification codes (table 1) are in columns 32–43, and the gage height (in feet) associated with the annual peak streamflow is in columns 44–51. Finally, the water year of each peak is in columns 77–80.

Historical Peak Data

Information on historical peaks is presented in table 4 (at end of report) for selected stations in Texas. This information is presented only for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins. About 560 stations meet this criteria and are included in table 4. Selected characteristics for these stations are presented in table 5 (at end of report), and the locations of the stations are presented in figure 3. Locations of stations with less than 8 years of annual peak-streamflow data from unregulated, natural basins are presented in figure 4. Historical peaks for stations not in table 4 (those with less than 8 years of record from unregulated, natural basins) are in the peak values file (diskette).

Historical information in table 4 includes dates and peak gage heights and peak streamflows, if available. Also, when available, the historical significance is presented for all historical peaks. The significance is expressed as the "highest since" or "highest since at least" for a specified peak. An "S" identifies a date as being a "highest since" date rather than a "highest since at least" date. This information typically originates from residents living near the gaging stations. Most of the stations are in rural areas, and searches were made near most stations to locate and interview residents with long-term information regarding floods. Remnants of historical peak stages (debris left by peak stages) were located and surveyed to the datum of the station to establish a historical peak gage height. When possible, peak streamflows associated with historical peak gage heights were estimated.

Wherever a date for the "highest since" or the "highest since at least" appears in table 4, peaks are presented in descending order of the streamflow for the largest peak streamflows since that date. For some stations, more than four of the largest peaks are known. For those stations, the remaining largest peaks are presented in the "Additional information" section of table 4. Gage heights are used to rank the peaks when streamflows are not available. If neither gage heights nor peaks are available, entry in the table is based on information from long-term residents. An "E" between the gage height and the streamflow signifies that the sequence order between two or more peak streamflows cannot be determined. A "T" between the gage height and the streamflow signifies that the gage height or the streamflow is identical to another gage height or streamflow. Finally, for some stations historical peaks can be attributed only to a decade of occurrence rather than to a year. These peaks are identified with a "D."

Historical peak streamflows can greatly affect the streamflows calculated by PEAKFQ. When historical peak streamflows are available, along with a date for the "highest since" or "highest since at least," that information can be used in PEAKFQ to make adjustments to the streamflows calculated by PEAKFQ, which affect the computed estimate of peak-streamflow frequency. An example involving such adjustments is presented in the following section.

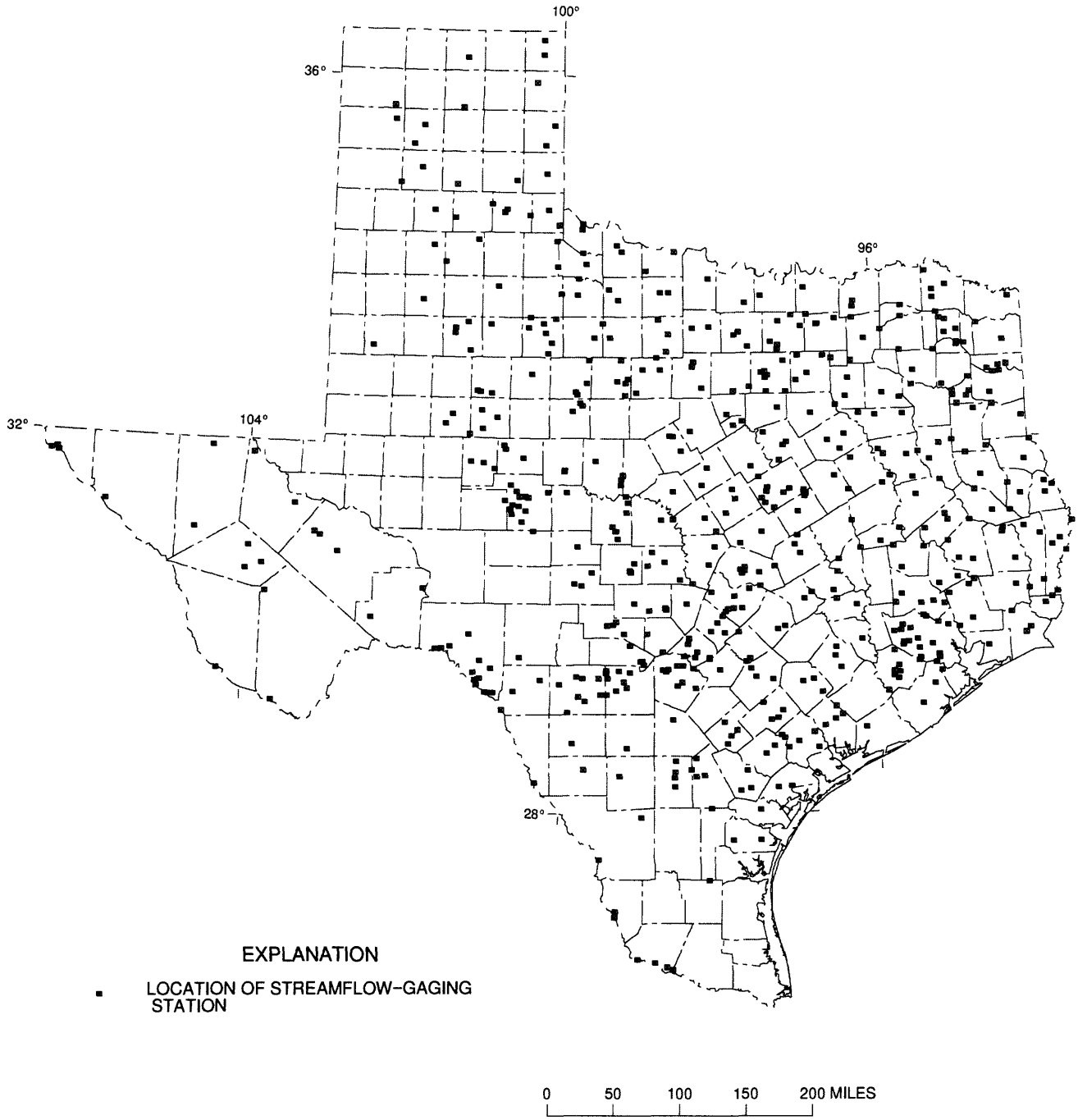

Figure 3. Location of gaging stations with at least 8 years of annual peak streamflow from unregulated, natural basins.

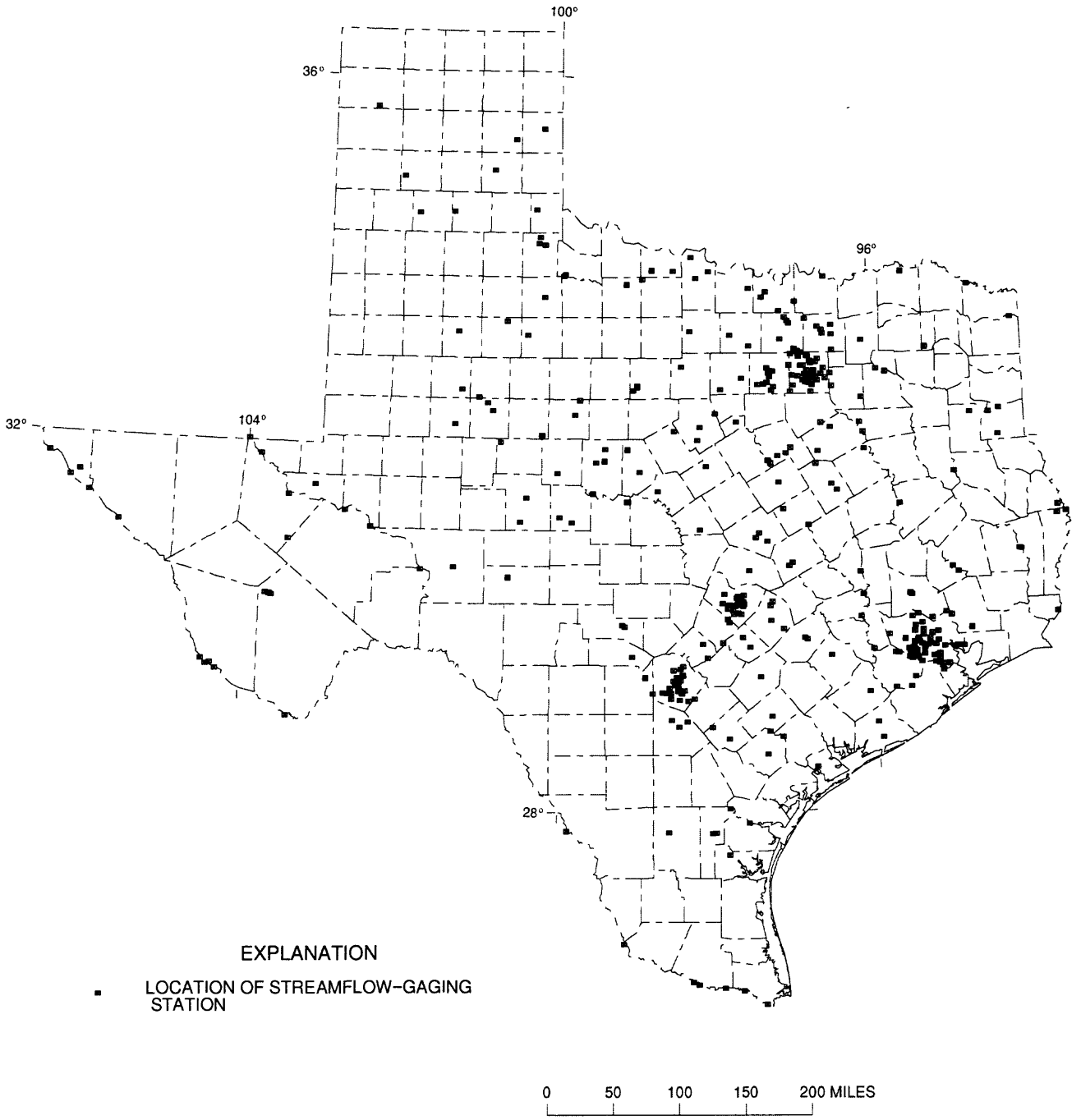

Figure 4. Location of gaging stations with less than 8 years of annual peak streamflow from unregulated, natural basins.

INSTALLATION AND EXAMPLE OF COMPUTER PROGRAM (PEAKFQ) TO ESTIMATE PEAK-STREAMFLOW FREQUENCY

Program Installation

The diskette contains an ASCII file (READ.ME) that explains the procedure for installing the program PEAKFQ. The program INSTALL.EXE on the diskette contains the routines that install PEAKFQ. Follow the instructions contained in the READ.ME file to install and execute the program. Questions concerning the operation, options, and output of the program, as well as identification of bugs in the program, can be directed to:

Office of Surface Water, WRD
U.S. Geological Survey
MS 415, National Center
Reston, VA 22092

Program Example

This section describes the steps to produce a basic statistical analysis of peak-streamflow frequency using PEAKFQ and discusses several of its more commonly encountered options. Following is an example of how to use PEAKFQ to estimate peak-streamflow frequency for a single station. The N, H, and selected 3 cards are shown in figure 2 for station 08150700, Llano River near Mason, Texas. The data file, TEXPEAKS.TXT, must be uncompressed on hard disk as described in the READ.ME file before the example can be followed.

Step 1

After starting the PEAKFQ program, select the INPUT menu, using the arrow keys and the "F2" key, and select the ASCII input option by pressing "F2." Now type the path name to TEXPEAKS.TXT and return. At the top of the screen choose "S," and the "All" will be toggled to "Some." Select "Enter." In the first blank cell enter the station number "08150700" and press "F2." This returns the program to the opening screen.

Step 2

Now select the OUTPUT menu. On the screen select the "File" option. Here the output file name will be specified. For this example type "\LLANO.OUT" and press "F2." Then select the "Return" option. This returns the program to the opening screen.

Step 3

Now the analysis procedure can begin. Select the "START" menu using the arrow keys and press "F2." This menu allows the user to adjust the parameters controlling the type of analysis.

The "begin year" and "end year" options allow the user to choose specific periods of analysis for the station. The default values represent the entire systematic record without regard to regulation (code 6 peaks) or urbanization (code C peaks). If the analysis is desired for only the unregulated part of record, then the "end year" needs to be changed to the last year of unregulated record. Likewise, if analysis is only desired for the regulated part of record, then the "begin year" needs to be changed to the first year of regulation. Also, when any regulated record is to be used, the option "Allow urban/reg peaks" needs to be changed to "Yes."

Next, move the cursor using the arrow keys down to the "Length of historic period" option. The length of the historical period is found by consulting table 4 for the "highest since" or "highest since at least." For station 08150700 this date is 1875. For stations without historical peaks, leave the "Length of historic period" as "0.0"; only the systematic record will be analyzed. Now consult table 5 or the peak values file for the ending date of the station. Table 5 shows that this station was active through at least 1993; therefore, for this station, the length of the historical period is 1993 minus 1875 plus 1 year, which is 119 years. Type "119" into the "Length of historic period" option and move the cursor to the "Hi-outlier threshold" option. This threshold allows for the IACWD historical adjustment. For this station, the four highest peak streamflows are known. The fourth highest peak is 218,000 cubic feet per second (ft^3/s). Enter a peak value just less than 218,000 into the "Hi-outlier threshold" option—type "217999." Note that entering "0.0" for "Hi-outlier threshold" will cause the program to ignore the historical record length regardless of whether or not the length of historical record was greater than the systematic record and will cause the IACWD-calculated high-outlier threshold to be used.

Now, the "skew calculation option" can be selected. Three options are available: "WTD," the weighted skew coefficient based on the generalized and station skew coefficients (default); "GEN," the generalized skew coefficient from the generalized skew map

(Interagency Advisory Committee on Water Data, 1982); or "STA," the station skew coefficient calculated from only the systematic record with appropriate adjustments for high and low outliers, if applicable. The weighted skew coefficient generally is preferred. For station 08150700, use the weighted skew coefficient option. The program defaults to the generalized skew coefficient based on the station's latitude and longitude. Another generalized skew coefficient can be selected to replace the default value. A recent investigation of generalized skew coefficients has been done for Texas (L.J. Judd, U.S. Geological Survey, written commun., 1994). That study updates the generalized skew coefficients, which are based on data through 1973; much data have been collected since then. For station 08150700, the generalized skew coefficient from the recent investigation is -0.051 and the standard error of this coefficient is 0.35. Move the cursor to "Generalized skew" and type "-0.051"; then move the cursor to the "Std error of gen. skew" and type "0.35."

Finally, the "Lo-outlier threshold" can be selected. Leaving the "Lo-outlier threshold" equal to "0.0" will cause the IACWD-calculated low-outlier threshold to be used. However, Asquith and others (1995) demonstrate that the IACWD procedure for low-outlier threshold estimation is not always appropriate for stations with unregulated, natural basins in Texas. Asquith and others (1995) present an equation[3] to estimate low-outlier thresholds for stations in the State. The equation estimates low-outlier thresholds by using the mean, standard deviation, and skew of the logarithms for the systematic annual peak discharges. To estimate a low-outlier threshold using the equation from Asquith and others, two PEAKFQ analyses for the same station are necessary. The first run of PEAKFQ calculates the mean, standard deviation, and skew of the logarithms for the systematic record. These parameters are found in the output file from PEAKFQ. For station 08150700, the logarithmic mean is 4.2452; the logarithmic standard deviation is 0.7782; and the logarithmic skew is -0.937. Using the equation, the low-outlier threshold is estimated at 1,748 ft^3/s. PEAKFQ is now run again with a "Lo-outlier threshold" of 1,748 ft^3/s: Type "1748" for the "Lo-outlier threshold," and type "F2" to perform the peak-streamflow-frequency analysis.

The next screen indicates that the station has been processed and the analysis written to the output file. Pressing "F2" will return to the opening screen. To return to DOS select "Return" and press "F2." The output file can be viewed using any text editor in DOS or can be printed to a printer.

[3]The equation of Asquith and others (1995) is not presented here because discussion of its use and limitations is beyond the scope of this report.

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Table 2. Streamflow-gaging stations with urbanized basins in Texas

[An urbanized basin is defined as having at least 10-percent impervious cover. I, Interstate Highway; trib., tributary; ++, station was active through at least 1992 but might not have operated continuously; US, U.S. Highway; SH, State Highway; FM, Farm to Market Road]

Station number	Station name	Period of record	
		Beginning year	Ending year
08047200	West Creek at Fort Worth	1966	1974
08048520	Sycamore Creek at I–35W at Fort Worth	1969	1978
08048530	Sycamore Creek trib. above Seminary Dr. at Fort Worth	1970	1978
08048540	Sycamore Creek trib. at I–35W at Fort Worth	1969	1976
08048550	Dry Branch at Blandin St. at Fort Worth	1969	1976
08048600	Dry Branch at Fain St. at Fort Worth	1969	1978
08048800	Big Fossil Creek at Haltom City	1960	++
08048820	Little Fossil Creek at I–820 at Fort Worth	1969	1979
08048850	Little Fossil Creek at Mesquite St. at Fort Worth	1969	1978
08049565	Trigg Branch at Dallas-Fort Worth Airport near Euless	1983	1987
08053010	Indian Creek at Hebron Pky. at Carrollton	1987	1989
08053030	Furneauk Creek at Josey Ln. at Carrollton	1987	1989
08053050	Furneauk Creek at Dickerson Pky. at Carrollton	1988	1989
08053090	Hutton Branch at Broadway at Carrollton	1987	1989
08055580	Joes Creek at Royal Ln. at Dallas	1973	1978
08055600	Joes Creek at Dallas	1962	1978
08055700	Bachman Branch at Dallas	1963	1979
08056500	Turtle Creek at Dallas	1947	1991
08057020	Coombs Creek at Sylvan Ave. at Dallas	1965	1978
08057050	Cedar Creek at Bonnie View Rd. at Dallas	1965	1978
08057100	White Rock Creek at Keller Springs Rd. at Dallas	1962	1979
08057120	Spanky Branch at McCallum Ln. at Dallas	1962	1978
08057130	Rush Branch at Arapaho Rd. at Dallas	1973	1978
08057140	Cottonwood Creek at Forest Ln. at Dallas	1962	1978
08057160	Floyd Branch at Forest Ln. at Dallas	1962	1978
08057200	White Rock Creek at Greenville Ave. at Dallas	1962	++
08057320	Ash Creek at Highland Rd. at Dallas	1963	1978
08057340	Forney Creek at Lawnview Ave. at Dallas	1963	1972
08057415	Elam Creek at Seco Blvd. at Dallas	1973	1978
08057418	Fivemile Creek at Kiest Blvd. at Dallas	1974	1978
08057420	Fivemile Creek at US 77 at Dallas	1965	1978
08057425	Woody Branch at US 77 at Dallas	1965	1978

Table 2. Streamflow-gaging stations with urbanized basins in Texas—Continued

Station number	Station name	Period of record	
		Beginning year	Ending year
08057430	Fivemile Creek at Lancaster Rd. at Dallas	1965	1977
08057445	Prairie Creek at US 175 at Dallas	1976	1991
08057450	Tenmile Creek at SH 342 at Lancaster	1969	1979
08061620	Duck Creek at Buckingham Rd. at Garland	1969	1976
08061700	Duck Creek near Garland	1958	++
08061920	South Mesquite Creek at SH 352 at Mesquite	1969	1976
08061950	South Mesquite Creek at Mercury Rd. near Mesquite	1969	1979
08069000	Cypress Creek near Westfield	1945	++
08073500	Buffalo Bayou near Addicks	1945	++
08073600	Buffalo Bayou at West Belt Dr. at Houston	1972	++
08073630	Bettina St. ditch at Houston	1983	1985
08074000	Buffalo Bayou at Houston	1936	++
08074150	Cole Creek at Deihl Rd. at Houston	1964	++
08074200	Brickhouse Gully at Clarblack St. at Houston	1965	1983
08074250	Brickhouse Gully at Costa Rica St. at Houston	1965	++
08074400	Lazybrook St. storm sewer at Houston	1982	1988
08074500	Whiteoak Bayou at Houston	1936	++
08074540	Little Whiteoak Bayou at Trimble St. at Houston	1981	++
08074760	Brays Bayou at Alief Rd. at Alief	1977	++
08074780	Keegans Bayou at Keegan Rd. near Houston	1965	++
08074800	Keegans Bayou at Roark Rd. near Houston	1965	++
08074810	Brays Bayou at Gessner Dr. at Houston	1977	++
08074850	Bintliff ditch at Bissonnet St. at Houston	1968	1982
08074910	Hummingbird St. ditch at Mullins St. at Houston	1982	1984
08075000	Brays Bayou at Houston	1936	++
08075400	Sims Bayou at Hiram Clark St. at Houston	1965	++
08075500	Sims Bayou at Houston	1953	++
08075550	Berry Bayou at Gilpin St. near Houston	1965	1984
08075650	Berry Bayou at Forest Oaks St. at Houston	1964	1982
08075730	Vince Bayou at Pasadena	1972	++
08075760	Hunting Bayou at Falls St. at Houston	1965	1984
08075770	Hunting Bayou at I–610 at Houston	1964	++
08075780	Greens Bayou at Cutten Rd. near Houston	1965	++
08075900	Greens Bayou at US 75 near Houston	1966	++
08076000	Greens Bayou near Houston	1953	++
08076200	Halls Bayou at Deertrail St. near Houston	1965	1983

Table 2. Streamflow-gaging stations with urbanized basins in Texas—Continued

Station number	Station name	Period of record	
		Beginning year	Ending year
08076500	Halls Bayou at Houston	1953	++
08076700	Greens Bayou at Ley Rd. at Houston	1972	1990
08077100	Clear Creek trib. at Hall Rd. at Houston	1965	1978
08093400	Cobb Creek near Abbott	1967	1979
08156650	Shoal Creek at Steck Ave. at Austin	1975	1982
08156700	Shoal Creek at Northwest Park at Austin	1975	1984
08156800	Shoal Creek at West 12th St. at Austin	1975	++
08157000	Waller Creek at 38th St. at Austin	1957	1980
08157500	Waller Creek at 23d St. at Austin	1956	1980
08158050	Boggy Creek at US 183 at Austin	1978	++
08158200	Walnut Creek at Dessau Rd. at Austin	1979	1986
08158400	Little Walnut Creek at I–35 at Austin	1975	1982
08158500	Little Walnut Creek at Manor Rd. at Austin	1976	1982
08158600	Walnut Creek at Webberville Rd. at Austin	1966	++
08158920	Williamson Creek at Oakhill	1979	++
08158930	Williamson Creek at Manchaca Rd. at Austin	1976	1984
08158970	Williamson Creek at Jimmy Clay Rd. at Austin	1975	1986
08159000	Onion Creek at US 183 near Austin	1924	++
08177600	Olmos Creek trib. at FM 1535 at Shavano Park	1969	1981
08177700	Olmos Creek at Dresden Dr. at San Antonio	1969	++
08178000	San Antonio River at San Antonio	1915	++
08178300	Alazan Creek at Saint Cloud St. at San Antonio	1969	1979
08178555	Harlandale Creek at West Harding St. at San Antonio	1979	1981
08178620	Lorence Creek at Thousand Oaks Blvd. at San Antonio	1980	1984
08178690	Salado Creek trib. at Bitters Rd. at San Antonio	1969	1981
08178700	Salado Creek (upper station) at San Antonio	1961	++
08178800	Salado Creek (lower station) at San Antonio	1961	++
08181450	Leon Creek trib. at Kelly Air Force Base at San Antonio	1969	1979
08184800	Leon Creek at I–35 at San Antonio	1985	++

Table 3. Code numbers for counties in Texas

County code	County name	County code	County name	County code	County name
1	Anderson	89	Colorado	177	Gonzales
3	Andrews	91	Comal	179	Gray
5	Angelina	93	Comanche	181	Grayson
7	Aransas	95	Concho	183	Gregg
9	Archer	97	Cooke	185	Grimes
11	Armstrong	99	Coryell	187	Guadalupe
13	Atascosa	101	Cottle	189	Hale
15	Austin	103	Crane	191	Hall
17	Bailey	105	Crockett	193	Hamilton
19	Bandera	107	Crosby	195	Hansford
21	Bastrop	109	Culberson	197	Hardeman
23	Baylor	111	Dallam	199	Hardin
25	Bee	113	Dallas	201	Harris
27	Bell	115	Dawson	203	Harrison
29	Bexar	117	Deaf Smith	205	Hartley
31	Blanco	119	Delta	206	Haskell
33	Borden	121	Denton	209	Hays
35	Bosque	123	De Witt	211	Hemphill
37	Bowie	125	Dickens	213	Henderson
39	Brazoria	127	Dimmit	215	Hidalgo
41	Brazos	129	Donley	217	Hill
43	Brewster	131	Duval	219	Hockley
45	Briscoe	133	Eastland	221	Hood
47	Brooks	135	Ector	223	Hopkins
49	Brown	137	Edwards	225	Houston
51	Burleson	139	Ellis	227	Howard
53	Burnet	141	El Paso	229	Hudspeth
55	Caldwell	143	Erath	231	Hunt
57	Calhoun	145	Falls	233	Hutchinson
59	Callahan	147	Fannin	235	Irion
61	Cameron	149	Fayette	237	Jack
63	Camp	151	Fisher	239	Jackson
65	Carson	153	Floyd	241	Jasper
67	Cass	155	Foard	243	Jeff Davis
69	Castro	157	Fort Bend	245	Jefferson
71	Chambers	159	Franklin	247	Jim Hogg
73	Cherokee	161	Freestone	249	Jim Wells
75	Childress	163	Frio	251	Johnson
77	Clay	165	Gaines	253	Jones
79	Cochran	167	Galveston	255	Karnes
81	Coke	169	Garza	257	Kaufman
83	Coleman	171	Gillespie	259	Kendall
85	Collin	173	Glasscock	261	Kenedy
87	Collingsworth	175	Goliad	263	Kent

Table 3. Code numbers for counties in Texas—Continued

County code	County name	County code	County name	County code	County name
265	Kerr	351	Newton	429	Stephens
267	Kimble	341	Moore	431	Sterling
269	King	343	Morris	433	Stonewall
271	Kinney	353	Nolan	435	Sutton
273	Kleberg	355	Nueces	437	Swisher
275	Knox	357	Ochiltree	439	Tarrant
277	Lamar	359	Oldham	441	Taylor
279	Lamb	361	Orange	443	Terrell
281	Lampasas	363	Palo Pinto	445	Terry
283	La Salle	365	Panola	447	Throckmorton
285	Lavaca	367	Parker	449	Titus
287	Lee	369	Parmer	451	Tom Green
289	Leon	371	Pecos	453	Travis
291	Liberty	373	Polk	455	Trinity
293	Limestone	375	Potter	457	Tyler
295	Lipscomb	377	Presidio	459	Upshur
297	Live Oak	379	Rains	461	Upton
299	Llano	381	Randall	463	Uvalde
301	Loving	383	Reagan	465	Val Verde
303	Lubbock	385	Real	467	Van Zandt
305	Lynn	387	Red River	469	Victoria
307	McCulloch	389	Reeves	471	Waler
309	McLennan	391	Refugio	473	Waller
311	McMullen	393	Roberts	475	Ward
313	Madison	395	Robertson	477	Washington
315	Marion	397	Rockwall	479	Webb
317	Martin	399	Runnels	481	Wharton
319	Mason	401	Rusk	483	Wheeler
321	Matagorda	403	Sabine	485	Wichita
323	Maverick	405	San Augustine	487	Wilbarger
325	Medina	407	San Jacinto	489	Willacy
327	Menard	409	San Patricio	491	Williamson
329	Midland	411	San Saba	493	Wilson
331	Milam	413	Schleicher	495	Winkler
333	Mills	415	Scurry	497	Wise
335	Mitchell	417	Shackelford	499	Wood
337	Montague	419	Shelby	501	Yoakum
339	Montgomery	421	Sherman	503	Young
345	Motley	423	Smith	505	Zapata
347	Nacogdoches	425	Somervell	507	Zavala
349	Navarro	427	Starr		

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas

[This table cannot replace the comprehensive streamflow files of the U.S. Geological Survey (USGS), Texas District. If questions pertaining to historical peak data arise, please contact the Surface Water Project Office, Texas District, USGS, Austin, Texas.]

Abbreviations : ft, feet; ft^3/s, cubic feet per second.

Location of records : ADO, Austin District Office; WFFH, Wichita Falls Field Headquarters; FWSO, Fort Worth Subdistrict Office; HSO, Houston Subdistrict Office; SAFH, San Angelo Field Headquarters; AFH, Austin Field Headquarters; SASO, San Antonio Subdistrict Office; IBWC, International Boundary and Water Commission.

Symbols : --, no data on historical flood peaks available; S, highest since data; *, this peak occurred within the period of record. Some stations were discontinued and reactivated after the "beginning water year of record." Many stations were still in operation as of 1993—consult table 5 and the peak values file (diskette included in this report) for further information; >, peak exceeded indicated gage height; E, sequence order between two or more peak streamflows cannot be determined; T, a tie in the ranking of two or more peaks; P, gage height for site from datum in use at the time that the peak occurred; D, peak occurred during the indicated decade.

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
07227460	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
07227470	ADO	1969	--	--	--	--	--	--	--	--	--	--	--	--	--
07227480	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
07227500	WFFH	1924	1905	1914	24	--	--	--	--	--	--	--	--	--	--
07227920	ADO	1975	--	--	--	--	--	--	--	--	--	--	--	--	--
07228000	WFFH	1938	1904	1904	20	--	--	--	--	--	--	--	--	--	--
07233500	ADO	1945	1936	1938	22.5	34,000	1936	21	26,100	--	--	--	--	--	--
07234150	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07235000	WFFH	1938	1890 S	1957	15.5	--	--	--	--	--	--	--	--	--	--
07295500	ADO	1941	1937	*1941	--	11,300	--	--	--	--	--	--	--	--	--
[1]07297500	ADO	1924	1924 S	1978	27.1	--	--	--	--	--	--	--	--	--	--
07297910	WFFH	1968	1906	1933	--	--	--	--	--	--	--	--	--	--	--
07298000	ADO	1941	--	--	--	--	--	--	--	--	--	--	--	--	--
07298150	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[2]07298500	ADO	1939	1906	1957	19.5	--	1933	14.8	--	1937	14.3	--	--	--	--
[3]07299200	ADO	1964	1906	1933	14.8	--	--	--	--	--	--	--	--	--	--
07299300	ADO	1968	--	--	--	--	--	--	--	--	--	--	--	--	--
07299500	ADO	1924	1908	1908	14	--	--	--	--	--	--	--	--	--	--
07299540	WFFH	1965	1899	1957	16.9	--	--	--	--	--	--	--	--	--	--
07299570	WFFH	1960	1891	1896	23	--	1957	21.2	--	1941	19.5	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
07299575	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07299670	WFFH	1962	1891	1929	--	--	--	--	--	--	--	--	--	--	--
07299940	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
07300000	WFFH	1953	1938	*1957	19	146,000	1938	17.5	--	--	--	--	--	--	--
07301300	WFFH	1964	1915	1957	16.1	--	--	--	--	--	--	--	--	--	--
07301410	WFFH	1962	1882	1957	20	--	--	--	--	--	--	--	--	--	--
07307500	ADO	1946	--	--	--	--	--	--	--	--	--	--	--	--	--
07307720	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
07307800	WFFH	1960	1909	1957	22	--	1935	18	--	--	--	--	--	--	--
07308000	ADO	1924	1891	1891	19.6	--	--	--	--	--	--	--	--	--	--
07308200	WFFH	1960	1890	1891	24	--	1936	23.5	--	1957	22	--	--	--	--
07308220	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
07308500	WFFH	1960	1891	*1991	13.78	103,000	1891	>13.54 E	--	1941	>13.54 E	--	1957	13.54	--
07311600	ADO	1962	1908	1955	29.5	--	1956	27	--	--	--	--	--	--	--
07311700	WFFH	1961	1900	1919	--	--	1954	--	--	--	--	--	--	--	--
[4]07311790	WFFH	1971	1870	--	30	--	--	--	--	--	--	--	--	--	--
07311800	WFFH	1961	1903	1919	--	--	1935	--	--	--	--	--	--	--	--
07311900	ADO	1961	--	--	--	--	--	--	--	--	--	--	--	--	--
07312140	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[5]07312200	WFFH	1961	1925	1941	36	--	--	--	--	--	--	--	--	--	--
07314200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07314500	WFFH	1932	1930 S	1930	28	--	--	--	--	--	--	--	--	--	--
07315200	WFFH	1964	1920	*1981	31.7	32,500	*1989	29.05	16,960	*1972	28.85	15,500	1941	28.8	--
07316200	ADO	1969	1900	1922	18	--	--	--	--	--	--	--	--	--	--
07332600	ADO	1963	1922	*1982	26.55	19,200	1935	24.6	--	--	--	--	--	--	--
07332602	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07335500	FWSO	1906	--	--	--	--	--	--	--	--	--	--	--	--	--
07336750	ADO	1969	1948	*1971	21.26	30,200	1966	20	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
07336800	ADO	1962	1910	1957	17	--	--	--	--	--	--	--	--	--	--
07336940	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07342450	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07342470	ADO	1980	1971 S	*1982	28.66	27,100	1971	27.8	--	--	--	--	--	--	--
07342500	FWSO	1943	--	--	--	--	--	--	--	--	--	--	--	--	--
07343000	FWSO	1950	1915	*1971	36.16	90,600	1932	36.1	--	1944	35.6	--	--	--	--
07343200	FWSO	1957	1908 S	*1971	29.4	77,000	*1982	27.58	58,600	1908	27.5 T	--	1914	27.5 T	--
07343300	ADO	1964	1950	*1971	21.58	20,400	*1969	20.1	10,600	*1965	19.28	8,050	--	--	--
07343350	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07343500	FWSO	1950	1870	1945	22.9	--	--	--	--	--	--	--	--	--	--
07343800	ADO	1938	1870	*1945	24.1	83,100	--	--	--	--	--	--	--	--	--
07343900	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07344000	ADO	1910	1909	*1945	37.56	157,000	--	--	--	--	--	--	--	--	--
07344486	FWSO	1979	--	--	--	--	--	--	--	--	--	--	--	--	--
07344490	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
07344500	FWSO	1943	1895	*1945	28.3	58,500	1938	25	--	--	--	--	--	--	--
07344600	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
07345000	ADO	1944	1900	*1958	17.8	28,900	1938	17.5	--	--	--	--	--	--	--
07346000	FWSO	1913	1853	*1945	28.78 P	57,100	*1930	25.4 P	37,900	1904	25 P	--	1884	24 P	--
07346010	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07346045	FWSO	1969	1938	1958	22.42	--	1945	21.2	--	--	--	--	--	--	--
07346050	ADO	1963	1902	*1966	20.2	23,500	1945	20	--	1958	19.4	--	--	--	--
07346070	FWSO	1946	1944 S	*1966	22.28	35,500	1944	21.1	--	--	--	--	--	--	--
07346072	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
07346140	FWSO	1965	1945	1958	15.6	--	1945	13.3	--	--	--	--	--	--	--
08017200	FWSO	1959	1895 S	1935	22	--	1913	20	--	--	--	--	--	--	--
08017300	FWSO	1959	1890 S	1902	21	--	--	--	--	--	--	--	--	--	--
08017700	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Stream-flow (ft^3/s)	Date	Gage height (ft)	Stream-flow (ft^3/s)	Date	Gage height (ft)	Stream-flow (ft^3/s)	Date	Gage height (ft)	Stream-flow (ft^3/s)
08018500	FWSO	1938	1890	*1945	24	76,000	--	--	--	--	--	--	--	--	--
[6]08018730	ADO	1980	1943	1943	17.5	--	--	--	--	--	--	--	--	--	--
[7]08019000	FWSO	1925	1890	*1945	29.85	75,600	1895	25.9 T	51,600	*1943	25.9 T	51,600	--	--	--
08019500	FWSO	1939	1875	*1945	24.1	24,000	1938	22.1	--	1905	21	--	--	--	--
08020000	FWSO	1914	1892	*1945	44.16	138,000	1914	41.7	85,900	1915	40.7	69,300	--	--	--
08020200	ADO	1968	1938	1966	14.8	--	--	--	--	--	--	--	--	--	--
08020500	ADO	1905	--	--	--	--	--	--	--	--	--	--	--	--	--
08020700	ADO	1964	1943	1945	19.6	--	--	--	--	--	--	--	--	--	--
08020800	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08021000	ADO	1940	1913 S	1913	14	--	--	--	--	--	--	--	--	--	--
[8]08022000	ADO	1939	1884	*1945	33.8	123,000	1884	32	--	--	--	--	--	--	--
08022010	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08022400	ADO	1962	--	--	--	--	--	--	--	--	--	--	--	--	--
08022500	HSO	1904	1884 S	*1945	44.07	92,000	*1957	39.41	61,300	1884	39.4	--	--	--	--
08023200	ADO	1952	1884	1940	15	--	--	--	--	--	--	--	--	--	--
08024290	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08024400	ADO	1924	1884	*1945	48.87	83,400	1933	48	76,700	*1953	47.01	69,100	1884	47	--
08024500	ADO	1952	1907	1933	26.6	--	1950	23	--	--	--	--	--	--	--
08026000	HSO	1956	1860	*1989	47.45	116,000	1884	45.9	--	1945	45.8	--	1953	45.3	--
08028500	HSO	1924	1833	1913	43.5	--	--	--	--	--	--	--	--	--	--
08028505	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08029500	HSO	1952	1907	1922	27.5	--	--	--	--	--	--	--	--	--	--
08030000	ADO	1952	--	--	--	--	--	--	--	--	--	--	--	--	--
[9]08030500	HSO	1908	1835	1884	32.2	--	*1953	19.98	121,000	1913	29.5	110,000	--	--	--
08030700	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08031000	ADO	1953	1940 S	*1963	18.15	4,600	*1970	18.16	4,420	--	--	--	--	--	--
08031100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[10]08031200	ADO	1962	1935	1936	16.4	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08032000	HSO	1939	1884 S	1908	24.3	--	--	--	--	--	--	--	--	--	--
08032100	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08032300	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08032500	ADO	1944	1861	1884	28.2	50,000	--	--	--	--	--	--	--	--	--
08033000	HSO	1924	1874	1884	21	110,000	1900	19.9	80,000	--	--	--	--	--	--
08033250	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08033300	ADO	1962	1921	1942	17	--	--	--	--	--	--	--	--	--	--
08033450	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08033480	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08033500	HSO	1904	1884	1884	34.9	62,000	--	--	--	--	--	--	--	--	--
08033700	ADO	1941	1884	1884	18	--	*1940	17.23	10,800	*1944	16.1	9,450	1908	16	--
08033900	ADO	1964	--	--	--	--	--	--	--	--	--	--	--	--	--
08034500	ADO	1939	1884 S	1908	20 T	--	1913	20 T	--	--	--	--	--	--	--
08037000	ADO	1924	1884	1884	26.5	--	1908	25	--	--	--	--	--	--	--
08037050	HSO	1965	1956	*1979	22.18	13,500	--	--	--	--	--	--	--	--	--
08037300	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
[11]08038000	HSO	1924	1865	1902	29.9	50,000	*1940	25.97	31,900	1933	25.2	28,900	1915	25	28,000
08038500	ADO	1952	1883	1902	29.4	--	1932	--	--	--	--	--	--	--	--
08039100	HSO	1958	--	--	--	--	--	--	--	--	--	--	--	--	--
[12]08039500	ADO	1928	1885 S	1915	39.5	82,000	--	--	--	--	--	--	--	--	--
08039900	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08041000	HSO	1905	1884	1884	26.2 P	125,000	1915	24.5 P	102,000	--	--	--	--	--	--
08041400	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08041500	HSO	1924	1884 S	1915	34	--	--	--	--	--	--	--	--	--	--
08041700	HSO	1968	1917	*1979	34.29	25,000	--	--	--	--	--	--	--	--	--
08042000	HSO	1952	1941 S	1941	11.3	--	*1963	-- T	9,590	*1979	11.28 T	9,590	--	--	--
08042500	HSO	1954	1941	*1963	--	15,000	--	--	--	--	--	--	--	--	--
08042550	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
[13]08042700	ADO	1956	1915	*1957	24.45	6,990	*1956	21.58	5,700	--	--	--	--	--	--
[14]08042800	FWSO	1955	1900	*1957	32.1	35,100	*1989	31.52	33,300	*1981	30.15 T	27,000	1941	30 T	27,000
08043500	ADO	1908	--	--	--	--	--	--	--	--	--	--	--	--	--
[15]08044000	FWSO	1937	1887	1908	15.69 T	53,000	1915	15.69 T	53,000	*1941	15.69 T	53,000	--	--	--
08044200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08045500	ADO	1924	--	--	--	--	--	--	--	--	--	--	--	--	--
08046000	ADO	1948	1858	1922	34	--	--	--	--	--	--	--	--	--	--
08047500	FWSO	1924	1900	*1949	28.20	107,000	1922	27.5	74,300	--	--	--	--	--	--
08048000	FWSO	1921	1866	*1922	23.95	85,000	--	--	--	--	--	--	--	--	--
08048500	ADO	1950	1907	1942	16.1	24,400	--	--	--	--	--	--	--	--	--
08048900	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08049550	ADO	1967	1930	1964	20	--	--	--	--	--	--	--	--	--	--
08049580	FWSO	1985	--	--	--	--	--	--	--	--	--	--	--	--	--
[16]08049700	FWSO	1961	1900	1922	--	--	--	--	--	--	--	--	--	--	--
08050000	ADO	1925	--	--	--	--	--	--	--	--	--	--	--	--	--
08050200	ADO	1957	--	--	--	--	--	--	--	--	--	--	--	--	--
08050400	FWSO	1985	1981 S	1981	28.1	--	--	--	--	--	--	--	--	--	--
08050800	FWSO	1985	--	--	--	--	--	--	--	--	--	--	--	--	--
08051000	ADO	1949	1900	1908	30.4	--	--	--	--	--	--	--	--	--	--
[17]08051500	FWSO	1949	1880	1908	36.5	--	*1981	35.7	104,000	1935	34	--	1941	33.5	--
08052630	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08052700	FWSO	1957	1900 S	1941	18.2	--	--	--	--	--	--	--	--	--	--
08053100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08053500	FWSO	1950	1908 S	1908	21.6	--	1935	20.6	--	--	--	--	--	--	--
08054000	ADO	1924	1908 S	1908	31	--	--	--	--	--	--	--	--	--	--
08054200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08055500	FWSO	1924	1866 S	1908	19 T	145,000	1866	19 T	--	--	--	--	--	--	--
08057000	FWSO	1904	1840 S	1866	52.6 T	--	*1908	52.6 T	184,000	1840	51	--	*1942	45.56	111,000

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08057500	ADO	1953	--	--	--	--	--	--	--	--	--	--	--	--	--
08058000	ADO	1953	--	--	--	--	--	--	--	--	--	--	--	--	--
08059200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08061500	ADO	1924	1920	1922	24.62	--	--	--	--	--	--	--	--	--	--
08061540	FWSO	1969	1942	1942	35.4	--	1966	33	--	--	--	--	--	--	--
[18]08062500	FWSO	1939	1908	*1942	--	150,000	1908	32.8	133,000	--	--	--	--	--	--
08062850	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08062900	ADO	1963	1942	*1976	26.19	56,200	*1969	23.34	33,800	1949	23.1	--	--	--	--
[19]08063000	ADO	1939	1889	*1945	25.43	44,800	1936	23.5	35,400	--	--	--	--	--	--
08063005	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08063180	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08063500	ADO	1939	1899	1913	25.5	--	--	--	--	--	--	--	--	--	--
08063550	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08063620	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08064500	ADO	1939	1870	1887	30	--	1913	27.5	54,000	*1944	27.19	48,000	--	--	--
08064630	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08064700	FWSO	1968	1932	*1989	30.2	85,700	--	--	--	--	--	--	--	--	--
[20]08064800	ADO	1962	1927	1944	22	--	--	--	--	--	--	--	--	--	--
08065000	HSO	1924	1890	1890	53	180,000	1908	52.2	164,000	--	--	--	--	--	--
08065200	HSO	1962	1900	1932	21	--	--	--	--	--	--	--	--	--	--
08065320	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
[21]08065500	ADO	1940	1866	1890	45	--	1908	44.3	--	1866	44	--	--	--	--
[22]08065500	ADO	1940	1866	*1942	48.58	146,000	*1945	48.5	145,000	*1944	47.11	108,000	*1957	47.55	103,000
08065700	ADO	1964	1900	1929	22	--	1946	21.4	--	--	--	--	--	--	--
08065800	HSO	1968	1910	1922	34	--	--	--	--	--	--	--	--	--	--
[14]08066000	ADO	1903	1866	*1942	52.75	121,000	*1945	51.83	116,000	1866	50.5	--	1884	50.1 T	--
08066100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08066170	HSO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08066200	HSO	1963	1870	1929	41	--	--	--	--	--	--	--	--	--	--
08066280	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
[23]08066300	HSO	1966	1929	1929	39.4	--	1961	34	--	--	--	--	--	--	--
08066400	ADO	1966	1949	*1973	25.69	22,000	--	--	--	--	--	--	--	--	--
08066500	HSO	1924	1908 S	*1942	35.8	111,000	1908	34.3	--	--	--	--	--	--	--
[14]08067000	HSO	1940	1903	*1942	29.38	114,000	*1990	30.03	106,000	*1945	28.8	104,000	*1957	29.26	88,100
08067500	HSO	1972	--	--	--	--	--	--	--	--	--	--	--	--	--
08067550	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08067750	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08068000	HSO	1924	1913 S	*1940	30.85	110,000	1913	30.2	101,000	--	--	--	--	--	--
08068300	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08068500	ADO	1939	1879	1929	34.3	48,300	--	--	--	--	--	--	--	--	--
[24]08068520	HSO	1929	1879	*1929	34.4	48,300	--	--	--	--	--	--	--	--	--
08068720	HSO	1976	1953	1960	62	--	--	--	--	--	--	--	--	--	--
08068740	HSO	1975	1908 S	1937	49	--	--	--	--	--	--	--	--	--	--
08068780	HSO	1983	--	--	--	--	--	--	--	--	--	--	--	--	--
08068800	HSO	1983	--	--	--	--	--	--	--	--	--	--	--	--	--
[25]08069500	ADO	1929	1865	*1929	32.7 T	187,000	*1940	32.7 T	187,000	--	--	--	--	--	--
08069850	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08070000	HSO	1940	1900	*1940	24.1	59,000	1935	23.6	53,500	--	--	--	--	--	--
08070200	HSO	1985	1940 S	1973	29.6	--	--	--	--	--	--	--	--	--	--
08070500	HSO	1944	1885	1940	27	--	*1973	26.3	35,000	--	--	--	--	--	--
08071000	ADO	1944	1895	*1949	22.73	28,500	*1973	22.57	25,800	1940	22.3	24,700	--	--	--
08071280	HSO	1985	--	--	--	--	--	--	--	--	--	--	--	--	--
08071500	ADO	1937	1876	*1940	51.2	253,000	1929	50.3	237,000	1876	48.8	--	--	--	--
08072300	HSO	1981	--	--	--	--	--	--	--	--	--	--	--	--	--
[26]08072700	HSO	1974	1853	1935	--	--	--	--	--	--	--	--	--	--	--
08072730	HSO	1980	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08072760	HSO	1981	--	--	--	--	--	--	--	--	--	--	--	--	--
[27]08072800	HSO	1974	1910 S	1935	--	--	--	--	--	--	--	--	--	--	--
08073800	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08074020	HSO	1984	--	--	--	--	--	--	--	--	--	--	--	--	--
08074100	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08074900	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08075300	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08075600	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08075700	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08075750	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08077550	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[28]08078000	HSO	1947	1930 D	1939	32.5	--	--	--	--	--	--	--	--	--	--
08079500	ADO	1940	--	--	--	--	--	--	--	--	--	--	--	--	--
08079570	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08079575	SAFH	1984	--	--	--	--	--	--	--	--	--	--	--	--	--
08079580	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08079600	SAFH	1962	1895	1914	25.8	--	1955	22.2	--	--	--	--	--	--	--
08080500	SAFH	1925	1899	*1955	29.5	91,400	--	--	--	--	--	--	--	--	--
08080510	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08080540	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08080700	ADO	1939	1880	*1941	8.75	12,000	1890	--	--	--	--	--	--	--	--
08080750	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08080918	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08081200	ADO	1960	1935	1941	13.5	--	--	--	--	--	--	--	--	--	--
08081500	ADO	1957	--	--	--	--	--	--	--	--	--	--	--	--	--
08082000	SAFH	1924	1900	*1955	14.92	52,200	1913	14.4	--	1934	13.7	--	--	--	--
08082100	ADO	1966	1925	1955	31	--	--	--	--	--	--	--	--	--	--
08082180	ADO	1966	1921	*1966	32.36	32,100	1932	32	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08082500	WFFH	1924	1906 S	*1926	17.16	95,400	--	--	--	--	--	--	--	--	--
[29]08082700	WFFH	1964	1883	1930	>18	--	1962	18	--	1978	17.53	34,600	--	--	--
08082900	ADO	1966	1966	1978	30.6	5,000	--	--	--	--	--	--	--	--	--
08083100	SAFH	1962	1890 D,S	1935	22	--	--	--	--	--	--	--	--	--	--
08083240	ADO	1968	1915	1932	>25	--	1957	25	--	--	--	--	--	--	--
[30]08083245	ADO	1969	1932	1957	16 T	2,750	*1980	16 T	2,750	--	--	--	--	--	--
[31]08083400	ADO	1964	1903	1913	15	--	--	--	--	--	--	--	--	--	--
08083420	ADO	1971	--	--	--	--	--	--	--	--	--	--	--	--	--
08083470	ADO	1971	--	--	--	--	--	--	--	--	--	--	--	--	--
08084000	SAFH	1924	1876 S	1876	30	--	--	--	--	--	--	--	--	--	--
08084800	WFFH	1963	1897	*1978	31	40,000	1962	29.6	--	--	--	--	--	--	--
08085300	ADO	1966	1966	1978	19.36	1,830	--	--	--	--	--	--	--	--	--
08085500	WFFH	1924	1876	*1978	38.88	149,000	1900	38	--	--	--	--	--	--	--
08086050	ADO	1963	1888 S	1961	25.6 T	--	1888	25.6 T	--	1978	21.80	13,000	--	--	--
08086100	ADO	1962	1897	1899	26	--	--	--	--	--	--	--	--	--	--
[32]08086150	ADO	1963	1940	*1978	23.3	103,000	*1990	21.82	17,700	1940	21 T	--	1953	21 T	--
08086212	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08086260	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08086290	WFFH	1975	--	--	--	--	--	--	--	--	--	--	--	--	--
08086300	WFFH	1962	--	--	--	--	--	--	--	--	--	--	--	--	--
08086500	ADO	1955	1925	1953	34.2	--	--	--	--	--	--	--	--	--	--
08087300	ADO	1916	1877	*1978	37.04	68,000	1900	35 T	--	*1957	35 T	--	--	--	--
08088000	WFFH	1939	1876 S	1876	36.2	--	1930	35.5	--	--	--	--	--	--	--
08088100	ADO	1958	1908	1915	16.7	--	1941	16	--	--	--	--	--	--	--
08088300	ADO	1959	1900	1955	15.2	--	1957	15	--	1941	14.2	--	--	--	--
08088450	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08089000	WFFH	1924	1876 S	1876	>30	--	*1930	30	95,600	--	--	--	--	--	--
08089100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

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[33]08090500	ADO	1951	1880	*1957	31.05 T	45,100	1922	31 T	--	--	--	--	--	--	--
08090850	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08091000	FWSO	1924	--	--	--	--	--	--	--	--	--	--	--	--	--
[34]08091500	FWSO	1948	1877	1908	27.2	59,000	1918	26 T	53,000	1922	26 T	53,000	--	--	--
08091700	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[35]08092000	FWSO	1948	1887	1922	35	--	--	--	--	--	--	--	--	--	--
08093200	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08093250	ADO	1981	1887	*1981	18.95	12,000	*1991	18.44	10,700	1936	18.3	--	--	--	--
08093500	FWSO	1939	1887 S	1887	34	--	1936	33	74,200	--	--	--	--	--	--
08094000	ADO	1955	--	--	--	--	--	--	--	--	--	--	--	--	--
[14]08095000	AFH	1924	1854	*1991	38.3	200,000	*1959	34.88	92,800	*1990	34.4	82,400	1887	34	--
[14,36]08095200	AFH	1960	1868	*1991	44.6	220,000	1908	43	--	*1959	40.22	107,000	*1961	38.82	73,500
08095220	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08095250	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08095300	AFH	1960	1889 S	1889	28.5	--	1957	28.2	--	1913	28 T	--	1941	28 T	--
08095400	AFH	1960	1900	1936	17.5	--	1957	15.7	--	--	--	--	--	--	--
[37]08096500	AFH	1899	1847	*1936	40.9	246,000	1885	34.63	--	--	--	--	--	--	--
08096550	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08096800	ADO	1958	--	--	--	--	--	--	--	--	--	--	--	--	--
08097500	ADO	1939	1913 S	1913	35.8	--	1936	35.2	--	--	--	--	--	--	--
08098203	ADO	1939	--	--	--	--	--	--	--	--	--	--	--	--	--
08098206	ADO	1938	--	--	--	--	--	--	--	--	--	--	--	--	--
08098227	ADO	1939	--	--	--	--	--	--	--	--	--	--	--	--	--
08098239	ADO	1938	--	--	--	--	--	--	--	--	--	--	--	--	--
08098242	ADO	1938	--	--	--	--	--	--	--	--	--	--	--	--	--
08098263	ADO	1938	--	--	--	--	--	--	--	--	--	--	--	--	--
08098281	ADO	1938	--	--	--	--	--	--	--	--	--	--	--	--	--
08098300	ADO	1963	1938	1950	17.5	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08099300	SAFH	1961	1890	1908	24	--	--	--	--	--	--	--	--	--	--
08099350	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[38]08099500	ADL	1939	1858	1908	30.59	--	*1952	21.49	38,500	--	--	--	--	--	--
08100100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08100400	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08100500	AFH	1951	1854	1908	35	70,000	*1991	35.00	68,000	--	--	--	--	--	--
08100800	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[14]08101000	AFH	1951	1882	*1991	44.3	110,000	*1959	40.1	66,200	*1965	39.85	63,800	*1956	38.76	55,800
[39]08102500	AFH	1924	1913	1913	25	60,000	*1945	24.41	56,500	--	--	--	--	--	--
08102900	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08103800	AFH	1964	1871	1873	45	--	--	--	--	--	--	--	--	--	--
08103900	AFH	1963	1904	*1976	22.7	31,200	1921	18	--	--	--	--	--	--	--
08104000	ADO	1925	1873	1873	45.2	--	--	--	--	--	--	--	--	--	--
08104700	AFH	1969	1875	1921	39.5	--	1957	34.5	--	--	--	--	--	--	--
08104850	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08104900	AFH	1968	1887	1957	41	--	1921	22	--	--	--	--	--	--	--
08105000	AFH	1935	1852	1921	36.1	160,000	*1957	34.1	155,000	--	--	--	--	--	--
08105100	AFH	1968	1921	1921	25	--	--	--	--	--	--	--	--	--	--
08105400	ADO	1925	1852	1921	46	--	1957	41	--	--	--	--	--	--	--
08105700	AFH	1965	1910	1921	39.6	--	1957	34.6	--	1959	33.8	--	--	--	--
08105900	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08106500	AFH	1918	1852 S	1852	53.2 T	--	*1921	53.2 T	647,000	1913	49	--	--	--	--
08108200	ADO	1963	1913	1957	13.5	--	--	--	--	--	--	--	--	--	--
08108800	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08109000	AFH	1900	1854 S	*1921	54	--	1854	51 T	--	1913	51 T	--	--	--	--
08109700	AFH	1963	1851	1913	16	--	*1991	15.39	12,500	--	--	--	--	--	--
08109800	AFH	1963	1886	1899	17 T	--	1957	17 T	--	--	--	--	--	--	--
08110000	AFH	1925	1875	1913	22	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08110100	AFH	1963	1902	*1968	18.67	23,200	--	--	--	--	--	--	--	--	--
08110350	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08110430	AFH	1980	1950	1957	19	--	--	--	--	--	--	--	--	--	--
08110500	AFH	1925	1845	1899	24	90,000	--	--	--	--	--	--	--	--	--
08111000	AFH	1951	1840	*1991	19.97	66,600	1899	19.5	--	--	--	--	--	--	--
08111100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08111700	HSO	1964	1899 S	1940	22.8	--	1899	20	--	--	--	--	--	--	--
08114000	HSO	1903	--	--	--	--	--	--	--	--	--	--	--	--	--
08114900	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
[40]08115000	HSO	1947	1913	1945	24.4	--	--	--	--	--	--	--	--	--	--
08115500	ADO	1947	1910	1959	12.8	--	1945	12.5	--	--	--	--	--	--	--
08116400	ADO	1959	1932	*1959	12.66	2,410	--	--	--	--	--	--	--	--	--
08117500	HSO	1955	1900	1913	43.5	--	1938	43.3	--	--	--	--	--	--	--
08118500	ADO	1948	1913 S	1939	24	--	1932	23	--	*1954	21.1	22,400	--	--	--
08119000	ADO	1948	--	--	--	--	--	--	--	--	--	--	--	--	--
08120500	ADO	1953	1881	1892	-- T	36,400	1939	-- T	36,400	--	--	--	--	--	--
08121500	ADO	1955	1882	1922	30	--	*1962	29	18,600	1941	27	--	--	--	--
08123500	ADO	1948	1898	1945	18.5	--	--	--	--	--	--	--	--	--	--
08123620	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08123750	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08123760	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08123900	ADO	1957	1891	1922	32	--	--	--	--	--	--	--	--	--	--
08123920	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08124000	SAFH	1924	1907	1957	26.7	--	1922	25.5	--	--	--	--	--	--	--
[41]08126500	ADO	1908	1882	1884	36	--	1906	32	--	--	--	--	--	--	--
[42]08127000	SAFH	1933	1904	1906	14.5	--	*1957	14.2	50,000	--	--	--	--	--	--
08127100	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08128000	SAFH	1931	1882	1906	23	115,000	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08128400	SAFH	1961	1900	1900	29.5 T	--	1936	29.5 T	--	--	--	--	--	--	--
08128500	ADO	1931	1900	1922	27.2	--	--	--	--	--	--	--	--	--	--
[43]08129300	SAFH	1962	1853	1882	21.4	--	--	--	--	--	--	--	--	--	--
08130500	SAFH	1962	1882 S	1882	30.4 T	--	1906	30.4 T	--	1959	30.4 T	--	--	--	--
08131000	ADO	1931	1853	1882	26	--	1959	24.00	82,100	--	--	--	--	--	--
[44]08131400	ADO	1962	1908	1936	14.36	30,500	--	--	--	--	--	--	--	--	--
08133300	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08133500	SAFH	1940	1891	*1948	23.7	16,300	--	--	--	--	--	--	--	--	--
08133800	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08134000	SAFH	1925	1853 S	*1936	29.1	94,600	--	--	--	--	--	--	--	--	--
08134300	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08134400	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08135000	ADO	1916	1853	1936	34.6	184,000	--	--	--	--	--	--	--	--	--
[45]08136000	SAFH	1916	1853 S	1906	47.5	246,000	*1936	46.6	230,000	1882	46.5	--	--	--	--
08136200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08136500	SAFH	1916	1853	*1936	43.4	301,000	1882	39.9	201,000	1906	39.5	176,000	--	--	--
08136900	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08137000	ADO	1961	--	--	--	--	--	--	--	--	--	--	--	--	--
08137500	ADO	1951	1919	1927	18	--	--	--	--	--	--	--	--	--	--
08138000	SAFH	1924	1882	1936	62.2	--	1906	56.2	--	--	--	--	--	--	--
08139000	ADO	1954	--	--	--	--	--	--	--	--	--	--	--	--	--
08140000	ADO	1952	--	--	--	--	--	--	--	--	--	--	--	--	--
08141100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08143700	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08144500	SAFH	1916	1880	1899	23.3	--	--	--	--	--	--	--	--	--	--
08144600	SAFH	1980	1899 S	1938	33.8	--	--	--	--	--	--	--	--	--	--
08145000	ADO	1940	1882	1938	29.1	86,000	1930	25.9	50,300	--	--	--	--	--	--
08145100	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08146000	SAFH	1916	1899 S	*1938	39.3	203,000	1899	36.7	--	--	--	--	--	--	--
08147000	SAFH	1916	1878	*1938	62.24	224,000	1900	58.4	184,000	--	--	--	--	--	--
08148500	ADO	1916	1875	*1936	29.2	102,000	1889	27	84,000	--	--	--	--	--	--
08150000	SAFH	1916	1875	*1935	43.3	319,000	1889	--	--	--	--	--	--	--	--
08150200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08150700	SAFH	1968	1875	1935	46	380,000	*1980	37	260,000	1952	--	258,000	1889	--	218,000
08150800	SAFH	1964	--	--	--	--	--	--	--	--	--	--	--	--	--
08150900	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[46]08151000	ADO	1925	1889	*1935	37	388,000	1889	28.4	--	--	--	--	--	--	--
08151300	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08151500	SAFH	1940	1879	1935	41.5	380,000	--	--	--	--	--	--	--	--	--
08152000	AFH	1967	1881	1952	34.2	163,000	--	--	--	--	--	--	--	--	--
08152700	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08152800	ADO	1967	1967	1978	17.0	42,500	--	--	--	--	--	--	--	--	--
[47]08152900	SAFH	1980	1907 S	1979	34.4	64,000	1978	41.6	--	--	--	--	--	--	--
[14]08153000	ADO	1925	1876	1952	28.4	170,000	1876	27.3	--	1944	23.4	71,000	1900	22	--
08153100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08153500	AFH	1940	1859	*1952	42.5	441,000	1869	33	--	--	--	--	--	--	--
08154000	ADO	1925	1869 S	1952	--	452,000	--	--	--	--	--	--	--	--	--
08154700	AFH	1979	--	--	--	--	--	--	--	--	--	--	--	--	--
08155200	AFH	1975	--	--	--	--	--	--	--	--	--	--	--	--	--
08155300	AFH	1980	1929	1929	--	39,400	--	--	--	--	--	--	--	--	--
08158000	AFH	1899	1843	1869	46	550,000	*1935	45	481,000	--	--	--	--	--	--
08158700	AFH	1980	--	--	--	--	--	--	--	--	--	--	--	--	--
[48]08158810	AFH	1980	1924	1939	16.2	14,200	--	--	--	--	--	--	--	--	--
08158840	AFH	1980	--	--	--	--	--	--	--	--	--	--	--	--	--
08158900	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08159150	ADO	1964	1894	1921	--	2,300	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
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08159450	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
08160000	ADO	1940	1935	*1940	--	1,870	--	--	--	--	--	--	--	--	--
08160800	HSO	1962	1860	1940	33.4	--	--	--	--	--	--	--	--	--	--
[49]08161000	HSO	1916	1852	1869	51.6 T	--	1913	51.6 T	--	--	--	--	--	--	--
08161580	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08162600	ADO	1971	1885	1960	37	--	1945	35	--	--	--	--	--	--	--
08163500	SASO	1940	1840	*1981	41.1	99,500	*1940	40.6	93,100	--	--	--	--	--	--
08164000	SASO	1939	1880	1936	33.8	83,400	*1940	32.51	73,000	1900	32.3	--	--	--	--
08164300	SASO	1962	1860	1940	40	--	1936	39	--	--	--	--	--	--	--
08164350	ADO	1982	--	--	--	--	--	--	--	--	--	--	--	--	--
08164450	SASO	1980	--	--	--	--	--	--	--	--	--	--	--	--	--
[50]08164500	ADO	1939	1876	1936	39.8	94,000	*1973	39.8	88,000	--	--	--	--	--	--
08164503	SASO	1980	--	--	--	--	--	--	--	--	--	--	--	--	--
08164600	SASO	1971	1903	*1991	28.74	19,100	1960	24.5	--	1929	24	--	1967	23.4	--
08164800	SASO	1971	1930	1967	31.9	--	*1981	30.8	18,300	1960	30.4	--	--	--	--
08165300	SASO	1932	1900	1932	37.3	140,000	--	--	--	--	--	--	--	--	--
08165500	SASO	1966	1900	1932	36.6	206,000	--	--	--	--	--	--	--	--	--
[51]08166000	SASO	1942	1852	1932	35	138,000	1935	31.5	--	--	--	--	--	--	--
08166200	SASO	1986	1852	1932	39.00	196,000	--	--	--	--	--	--	--	--	--
08166300	ADO	1966	1966	1978	11.2	605	--	--	--	--	--	--	--	--	--
[14]08167000	SASO	1919	1848	*1978	40.9	240,000	1869	40.3	--	1900	38.4 T	182,000	*1932	38.4 T	182,000
08167500	SASO	1923	1859	1869	53	--	1900	49	--	--	--	--	--	--	--
[52]08167600	ADO	1960	1885	1952	25.5	--	1948	21	--	--	--	--	--	--	--
08168500	SASO	1928	1845	1869	38 T	--	1913	38 T	--	--	--	--	--	--	--
08168720	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08168750	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08169500	SASO	1915	--	--	--	--	--	--	--	--	--	--	--	--	--
08169750	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
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08169850	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08171000	SASO	1925	1869	*1929	33.9	113,000	*1958	33.1	96,400	*1952	32.9	95,000	1869	26	--
08171300	SASO	1957	1882	1929	40	139,000	1952	38	115,000	--	--	--	--	--	--
[53]08172000	SASO	1940	1859	1869	40.4	--	1929	37.1	--	--	--	--	--	--	--
08172100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08173000	SASO	1930	1868	*1936	30.7 T	78,500	1913	30.7 T	--	--	--	--	--	--	--
08173500	ADO	1916	1870 S	1913	44	--	--	--	--	--	--	--	--	--	--
[54]08174600	ADO	1960	1840	1940	35.3	--	*1977	33.11	76,800	1936	32.8	--	--	--	--
08175000	SASO	1931	1864	1936	33.1	92,700	--	--	--	--	--	--	--	--	--
08176000	ADO	1903	1903	1936	39.8	--	1913	37.57	--	--	--	--	--	--	--
08176200	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08176500	SASO	1935	1833	*1936	31.22	179,000	--	--	--	--	--	--	--	--	--
08176600	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08176900	SASO	1980	1872	1967	--	122,000	1946	--	63,700	1925	--	46,700	--	--	--
08177000	ADO	1930	1872	*1967	33.47	122,000	1946	26	63,700	*1973	23.8	58,400	1925	23	46,700
08177300	SASO	1979	1967	1976	26.28	--	1967	26.08	--	--	--	--	--	--	--
08177500	SASO	1939	1875	1967	42	236,000	--	--	--	--	--	--	--	--	--
[55]08178500	ADO	1916	1913	1913	10.2	--	--	--	--	--	--	--	--	--	--
08178600	ADO	1969	--	--	--	--	--	--	--	--	--	--	--	--	--
08178640	ADO	1976	--	--	--	--	--	--	--	--	--	--	--	--	--
08178736	ADO	1970	--	--	--	--	--	--	--	--	--	--	--	--	--
08178880	SASO	1983	--	--	--	--	--	--	--	--	--	--	--	--	--
[56]08179000	ADO	1923	1880	*1978	49.6	281,000	1919	43	--	--	--	--	--	--	--
08179100	ADO	1957	1905	*1964	22.64	46,900	1937	17	--	--	--	--	--	--	--
08179200	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08181000	ADO	1969	--	--	--	--	--	--	--	--	--	--	--	--	--
08181200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08181400	SASO	1969	1923	1927	13.7	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08182400	ADO	1957	--	--	--	--	--	--	--	--	--	--	--	--	--
08183900	SASO	1963	1892	*1964	19.15	36,400	1952	16.3	25,600	*1965	15.28	18,200	--	--	--
08184000	ADO	1946	--	--	--	--	--	--	--	--	--	--	--	--	--
08185000	SASO	1946	1869	*1973	26.2	65,000	1889	26	--	1913	24.6	--	--	--	--
08186000	SASO	1931	1890	1913	35	35,000	--	--	--	--	--	--	--	--	--
08186500	ADO	1962	1903 S	*1981	34.1	74,000	1903	34	71,000	*1967	33.3	58,400	--	--	--
08187000	ADO	1955	--	--	--	--	--	--	--	--	--	--	--	--	--
08187900	ADO	1958	--	--	--	--	--	--	--	--	--	--	--	--	--
08188400	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08189200	ADO	1971	1921 S	1967	22	--	--	--	--	--	--	--	--	--	--
08189300	ADO	1962	1914	*1967	38.68	105,000	1919	31	25,500	--	--	--	--	--	--
08189500	SASO	1940	1899	*1971	38.25	79,000	*1967	36.5	60,200	--	--	--	--	--	--
08189600	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08189700	SASO	1964	1914	*1967	42.22	82,800	1954	33	--	--	--	--	--	--	--
08189800	ADO	1971	1910	1967	32.27	--	1930	30.8	--	--	--	--	--	--	--
08190000	SASO	1923	1866	*1955	32.7	307,000	*1939	26.4	222,000	*1935	26	213,000	1913	29 P	210,000
08190500	SASO	1940	1879	1935	40	550,000	--	--	--	--	--	--	--	--	--
08192000	SASO	1928	1836	*1935	40.4	616,000	--	--	--	--	--	--	--	--	--
08192500	ADO	1915	--	--	--	--	--	--	--	--	--	--	--	--	--
08193000	SASO	1940	1900	1935	33 T	--	1913	33 T	--	--	--	--	--	--	--
08194000	SASO	1924	1879	*1935	32.4	82,600	1899	29.7	--	--	--	--	--	--	--
08194200	SASO	1962	1954	*1971	26.87	82,000	1954	26	65,200	--	--	--	--	--	--
08194500	SASO	1942	1902 S	*1967	26.57	76,500	*1946	26.46	70,000	*1958	24.8	50,600	*1971	24.54	47,900
08194550	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08194600	ADO	1965	1875	1919	43.5	75,800	*1967	43.21	72,000	1935	42 T	58,500	1942	42 T	58,500
08195000	SASO	1923	1869	*1932	34.44	162,000	--	--	--	--	--	--	--	--	--
08196000	SASO	1953	1875	1880	33	--	*1966	27.6	123,000	1935	26	64,700	--	--	--
08197500	SASO	1952	1887	1894	35	--	1932	30	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
[57]08198000	SASO	1943	1850 D	1850	63	--	1932	33	--	--	--	--	--	--	--
[58]08198500	SASO	1953	1858	1919	40	--	1932	31	60,000	--	--	--	--	--	--
08198900	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08200000	SASO	1953	1907	*1958	28.2	69,800	1932	26	58,500	--	--	--	--	--	--
08200500	ADO	1953	1910	1919	25.8	--	*1958	23.4	71,700	--	--	--	--	--	--
08200700	SASO	1961	1875	1919	21	--	1932	18	--	*1987	17.19	51,800	1958	16.6	--
08200900	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08201500	SASO	1962	1901	1958	16.4	52,600	--	--	--	--	--	--	--	--	--
08202000	ADO	1953	1935	*1958	21.4	52,600	1935	19	40,000	--	--	--	--	--	--
08202500	ADO	1953	1866	1935	26.2	--	*1958	20.8	72,000	1894	16	33,000	--	--	--
[14]08202700	SASO	1961	1852	1935	35.7	--	1894	33	--	1958	32.4	--	1932	28.2 T	35,800
08203500	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08205500	SASO	1916	1860	*1932	29.45	230,000	--	--	--	--	--	--	--	--	--
08206600	SASO	1980	1860	1932	38.44	--	*1987	29.18	20,900	--	--	--	--	--	--
08206700	SASO	1964	1919 S	1942	32.6	--	--	--	--	--	--	--	--	--	--
08207000	ADO	1925	1870	*1932	39.2	80,200	--	--	--	--	--	--	--	--	--
08207200	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08208000	SASO	1925	1881	*1967	41.3	121,000	1919	41	106,000	--	--	--	--	--	--
08210000	SASO	1915	1875	*1967	49.21	141,000	--	--	--	--	--	--	--	--	--
[59]08210400	ADO	1971	1887	1971	25.1	33,500	*1971	24.1	29,500	--	--	--	--	--	--
08211520	ADO	1973	1919 S	1980	29.37	12,100	--	--	--	--	--	--	--	--	--
08211550	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08212400	ADO	1967	1929	1951	15	--	1958	14.5	--	1949	14	--	1953	13.3	--
08365800	ADO	1958	--	--	--	--	--	--	--	--	--	--	--	--	--
08370200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08370800	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08374000	ADO	1932	--	--	--	--	--	--	--	--	--	--	--	--	--
08374500	ADO	1932	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08376300	ADO	1969	1935	1965	14.2	100,000	*1969	9.18	32,600	1935	--	20,000	--	--	--
08377500	ADO	1900	1900	1922	--	204,000	--	--	--	--	--	--	--	--	--
08377600	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08407800	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08411500	ADO	1944	1910	*1955	29.1	40,600	--	--	--	--	--	--	--	--	--
[60]08424500	ADO	1932	1885	*1932	8	5,120	--	--	--	--	--	--	--	--	--
08431700	ADO	1966	1925	1939	13.7	--	--	--	--	--	--	--	--	--	--
08431800	ADO	1962	1904	1932	--	14,200	--	--	--	--	--	--	--	--	--
08434000	ADO	1940	1932	1932	7.7	--	--	--	--	--	--	--	--	--	--
08435700	ADO	1969	--	--	--	--	--	--	--	--	--	--	--	--	--
08435800	ADO	1964	1924	1954	19.6	--	--	--	--	--	--	--	--	--	--
08436800	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08444400	ADO	1965	--	--	--	--	--	--	--	--	--	--	--	--	--
[61]08447020	ADO	1974	1900	1952	22	--	--	--	--	--	--	--	--	--	--
08447200	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08447400	ADO	1900	--	--	--	--	--	--	--	--	--	--	--	--	--
08449000	ADO	1925	1882	1954	35	393,000	--	--	--	--	--	--	--	--	--
08449400	SAFH	1961	--	--	--	--	--	--	--	--	--	--	--	--	--
08449470	ADO	1967	--	--	--	--	--	--	--	--	--	--	--	--	--
08449500	ADO	1900	--	--	--	--	--	--	--	--	--	--	--	--	--
08449600	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08450500	ADO	1955	--	--	--	--	--	--	--	--	--	--	--	--	--
08450900	IBWC	1954	--	--	--	--	--	--	--	--	--	--	--	--	--
08452500	ADO	1901	--	--	--	--	--	--	--	--	--	--	--	--	--
08453000	ADO	1932	--	--	--	--	--	--	--	--	--	--	--	--	--
08453100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08454900	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08455000	ADO	1930	--	--	--	--	--	--	--	--	--	--	--	--	--

Footnotes at end of table.

Table 4. Historical peak data for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Highest peak			Second highest peak			Third highest peak			Fourth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08458000	ADO	1865	1746	1865	56	1,236,000	--	--	--	--	--	--	--	--	--
08458700	ADO	1954	--	--	--	--	--	--	--	--	--	--	--	--	--
08459000	IBWC	1899	1746	1865	--	950,000	--	--	--	--	--	--	--	--	--
08459600	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
[62]08460500	ADO	1932	1746	1865	282	--	--	--	--	--	--	--	--	--	--
08464700	IBWC	1915	1746	1865	--	590,000	--	--	--	--	--	--	--	--	--
08466100	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--
08466200	ADO	1966	--	--	--	--	--	--	--	--	--	--	--	--	--

Additional information

Station no.	Location of record	Beginning water year of record	Highest peak since at least	Fifth highest peak			Sixth highest peak			Seventh highest peak			Eighth highest peak		
				Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)	Date	Gage height (ft)	Streamflow (ft^3/s)
08042800	FWSO	1955	1900	1915	30 T	27,000	--	--	--	--	--	--	--	--	--
[22]08065500	ADO	1940	1916	*1958	46.79	100,000	1930	46.7	--	--	--	--	--	--	--
08066000	ADO	1903	1866	1908	50.1 T	--	--	--	--	--	--	--	--	--	--
08067000	HSO	1940	1903	1922	28.6	--	--	--	--	--	--	--	--	--	--
08095000	AFH	1924	1854	1922	32	--	--	--	--	--	--	--	--	--	--
[36]08095200	AFH	1960	1868	*1990	39.1	56,900	*1965	38	54,000	*1981	38.26	47,100	1936	38 T	--
08101000	AFH	1951	1882	*1957	37.93	49,400	1900	37.5 T	47,000	1944	37.5 T	47,000	--	--	--
08153000	ADO	1925	1876	1906	19	--	--	--	--	--	--	--	--	--	--
08167000	SASO	1919	1848	1935	36.9	148,000	*1919	36.2	134,000	*1987	31.5	130,000	1915	34.9	114,000
08202700	SASO	1967	1852	*1987	28.2 T	35,800	1919	28	--	--	--	--	--	--	--

[1] Station 07297500; peak stage in 1978 caused by localized storm in watershed with rainfall up to 10 inches in a few hours. This peak had a discharge of 42,000 ft^3/s at downstream station 07297910 1 day later.

[2] Station 07298500; historical information prior to 1951.

[3] Station 07299200; peak stage in 1933 documented at former site 15 miles upstream.

[4] Station 07311790; a peak stage of 30.0 ft documented in the 101 years before 1971, but the exact date is unknown.

[5] Station 07312200; peak caused by demolition of Santa Rosa Dam to prevent its failure during the flood.

[6] Station 08018730; three peaks ranging from 13.5 to 14.0 ft occurred 1966–78.
[7] Station 08019000; peak discharge in 1895 assumed to equal that of 1943 based on equal gage heights.
[8] Station 08022000; peak stage in 1884 between 31 and 32 ft.
[9] Station 08030500; peak stage in 1884 adjusted to present site and datum on basis of flood of 1950.
[10] Station 08031200; peak listed for 1936 might have occurred in 1937.
[11] Station 08039500; peak stage in 1915 documented at site 4.8 miles downstream.
[12] Station 08038000; the second, third, and fourth highest peaks are ranked on the assumption that a peak in 1884 of unknown magnitude was smaller than these.
[13] Station 08042700; peak stage in 1956 might have been exceeded by peak stage in 1915.
[14] Additional information for this station presented on last page of table.
[15] Station 08044000; peak stages in 1908 and 1915 comparable to peak stage in 1941.
[16] Station 08049700; flood in 1922 swept away nearby work train, killing five people.
[17] Station 08051500; historical peaks from former site.
[18] Station 08062500; peak stage before levees built in 1915.
[19] Station 08063000; discharge for 1936 peak from site 12 miles downstream.
[20] Station 08064800; peak of 1944 affected by dam failure at Coon Creek Lake.
[21] Station 08065500; peaks before levees built in 1916.
[22] Station 08065500; peaks after levees built in 1916.
[23] Station 08066300; peak stage in 1929 might have been equaled or exceeded in the 36 years after 1929.
[24] Station 08068520; peak stage in 1929 at former site and datum.
[25] Station 08069500; peak stages in 1929 and 1940 affected by backwater from the East Fork San Jacinto River.
[26] Station 08072700; peak stage in 1935 reached a stage of 109.3 ft from flood marks 0.2 mile downstream and 0.1 mile to right of gage. This peak has not been adjusted to present site and datum as no slope information is available.
[27] Station 08072800; peak stage in 1935 reached a stage of 104.5 ft from flood marks 700 ft upstream and 1,900 ft to left of gage. This peak has not been adjusted to present site and datum as no slope information is available.
[28] Station 08078000; peak stage in 1939 adjusted from flood mark 1,700 ft to right and 550 ft upstream, on basis of slope flood Oct. 8, 1949.
[29] Station 08082700; peak stage 1962 highest since 1930.
[30] Station 08083245; peak discharge in 1957 is assumed equal to that of 1980 based on equal gage heights.
[31] Station 08083400; question of exact year for highest since at least peak, listed as 1903.
[32] Station 08086150; peak stage in 1940 affected by dam failures. Peak gage height of 1990 was second highest since 1940, but might not be second highest discharge.
[33] Station 08090500; peak stage in 1922 about same stage as peak of 1957, but probably slightly lower.
[34] Station 08091500; peak discharge in 1918 is assumed equal to that of 1922 based on equal gage heights.
[35] Station 08092000; 1991 peak cannot be verified as the second highest.
[36] Station 08095200; peak stage in 1936 tied to that in 1945 at 38.0 ft.
[37] Station 08096500; peak stages in 1936 and 1885 from former site 3.9 miles upstream at datum 7.46 ft higher.
[38] Station 08099500; peak stage 1908 from site 2.5 miles upstream.
[39] Station 08102500; a peak occurred in 1921 with a gage height of about 21 ft and a discharge of 41,000 ft^3/s, but its rank is unknown.
[40] Station 08115000; peak in 1945 before channel rectification.
[41] Station 08126500; peak in 1906 affected by backwater from Elm Creek.
[42] Station 08127000; peak in 1906 affected by backwater from the Colorado River.
[43] Station 08129300; discharge for peak in 1959 from site 8 miles downstream.
[44] Station 08131400; peak stage in 1936 at former site and datum 1.2 miles downstream.
[45] Station 08136000; peak stage in 1882 approximately 1 ft lower than peak in 1906.
[46] Station 08151000; channel cleared considerably after flood in 1889.
[47] Station 08152900; peak discharge in 1979 highest since 1907, while the peak stage in 1978 was highest since 1907.
[48] Station 08158810; discharge for 1939 peak is estimated from extension of stage-discharge rating table.
[49] Station 08161000; during the peaks in 1869 and 1913, the Colorado River occupied two channels and surrounded Columbus.

[50] Station 08164500; peak stages in 1936 and 1973 equivalent, but the discharges are different.

[51] Station 08166000; peak stage in 1935 was between 31 and 32 ft.

[52] Station 08167600; peak in 1948 could have occurred in 1947 and was 4 or 5 ft lower than peak in 1952. The ranking of this peak is questionable.

[53] Station 08172000; peak listed in 1869 could have occurred in 1870.

[54] Station 08174600; peak in 1936 affected by backwater from the Guadalupe River.

[55] Station 08178500; the streamflow at this station contains springflow from San Pedro Springs. However, the springflow contributes only a small part of the peak streamflow, thus the peak discharges are assumed to originate from the surface drainage area.

[56] Station 08179000; peak in 1978 highest since about 1880.

[57] Station 08198000; peak in 1850s is questionable. Therefore, the highest stage since at least 1892 might be that in 1932.

[58] Station 08198500; peaks are the highest since at least 1890 but probably since peak in 1858.

[59] Station 08210400; the highest peak at this station occurred in the 1972 water year.

[60] Station 08424500; a peak occurred sometime in the 47 years prior to 1932 with a stage between 8 and 12 feet. Thus, peak in 1932 might not be the highest since 1885.

[61] Station 08447020; trees considered to be 2,000 years old were uprooted in the 1952 flood when 34 inches of rain occurred in 20 hours.

[62] Station 08460500; peak stage in 1865 estimated and represents sea-level datum.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas

[Some stations were discontinued and reactivated during the period of record, and many were still in operation as of 1993. mi^2, square miles; trib., tributary; --, contributing drainage area same as total drainage area; SH, State Highway; FM, Farm to Market Road]

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
07227460	East Fork Cheyenne Creek trib. near Channing, Texas	35°40'35"	102°16'55"	205	1.6	--	1965	1974	10
07227470	Canadian River at Tascosa, Texas	35°31'08"	102°15'35"	359	18,536	14,713	1969	1977	9
07227480	Tecovas Creek trib. near Bushland, Texas	35°15'55"	102°00'20"	375	1.27	--	1967	1974	8
07227500	Canadian River near Amarillo, Texas	35°28'13"	101°52'45"	375	19,445	15,376	1924	1993	58
07227920	Dixon Creek near Borger, Texas	35°39'53"	101°21'02"	233	134	--	1975	1989	15
07228000	Canadian River near Canadian, Texas	35°56'06"	100°22'13"	211	22,866	18,178	1938	1963	26
07233500	Palo Duro Creek near Spearman, Texas	36°12'08"	101°18'20"	195	960	440	1945	1979	35
07234150	White Woman Creek trib. near Darrouzett, Texas	36°24'00"	100°16'30"	295	4.03	--	1966	1974	9
07235000	Wolf Creek at Lipscomb, Texas	36°14'19"	100°16'31"	295	697	475	1938	1993	37
07295500	Tierra Blanca Creek above Buffalo Lake near Umbarger, Texas	34°50'55"	102°10'32"	117	1,968	538	1941	1973	21
07297500	Prairie Dog Town Fork Red River near Canyon, Texas	35°00'38"	101°53'29"	381	3,369	711	1924	1949	15
07297910	Prairie Dog Town Fork Red River near Wayside, Texas	34°50'15"	101°24'49"	11	4,211	930	1968	1993	26
07298000	North Tule Draw at reservoir near Tulia, Texas	34°33'34"	101°42'33"	437	189	65	1941	1972	30
07298150	Rock Creek trib. near Silverton, Texas	34°28'40"	101°25'50"	45	13.7	2.2	1966	1974	9
07298500	Prairie Dog Town Fork Red River near Brice, Texas	34°37'40"	100°56'25"	191	6,082	1,581	1939	1962	11
07299200	Prairie Dog Town Fork Red River near Lakeview, Texas	34°34'23"	100°44'43"	191	6,792	2,023	1964	1980	17
07299300	Little Red River near Turkey, Texas	34°32'27"	100°46'13"	191	139	--	1968	1981	14
07299500	Prairie Dog Town Fork Red River near Estelline, Texas	34°30'20"	100°26'10"	191	7,293	2,524	1964	1980	17
07299540	Prairie Dog Town Fork Red River near Childress, Texas	34°34'09"	100°11'37"	75	7,725	2,956	1965	1993	29
07299570	Red River near Quanah, Texas	34°24'47"	99°44'03"	197	8,321	3,552	1960	1982	23
07299575	North Grosebeck Creek trib. near Kirkland, Texas	34°24'00"	100°03'00"	75	.16	--	1966	1974	9
07299670	Grosebeck Creek at SH 6 near Quanah, Texas	34°21'16"	99°44'24"	197	303	--	1962	1993	32
07299940	Oklahoma Draw trib. near Hedley, Texas	34°53'12"	100°37'18"	129	1.15	--	1967	1974	8
07300000	Salt Fork Red River near Wellington, Texas	34°57'27"	100°13'14"	87	1,222	1,013	1953	1967	15
07301300	North Fork Red River near Shamrock, Texas	35°15'51"	100°14'29"	483	1,082	703	1964	1993	30
07301410	Sweetwater Creek near Kelton, Texas	35°28'23"	100°07'14"	483	287	267	1962	1992	31
07307500	Quitaque Creek near Quitaque, Texas	34°14'24"	101°07'03"	153	293	35	1946	1959	14
07307720	Cottonwood Creek trib. near Afton, Texas	33°44'20"	100°50'30"	125	1.09	--	1967	1974	8

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
07307800	Pease River near Childress, Texas	34°13'39"	100°04'24"	101	2,754	2,195	1960	1993	29
07308000	Pease River near Crowell, Texas	34°05'45"	99°43'47"	155	3,037	2,478	1924	1947	23
07308200	Pease River near Vernon, Texas	34°10'44"	99°16'40"	487	3488	2,929	1960	1993	32
07308220	Plum Creek near Vernon, Texas	34°06'38"	99°13'22"	487	4.99	--	1967	1974	8
07308500	Red River near Burkburnett, Texas	34°06'36"	98°31'53"	485	20,570	14,634	1960	1993	34
07311600	North Wichita River near Paducah, Texas	33°57'02"	100°03'52"	101	540	--	1962	1982	21
07311700	North Wichita River near Truscott, Texas	33°49'14"	99°4710"	275	937	--	1961	1993	33
07311790	South Fork Wichita River at Ross Ranch near Benjamin, Texas	33°39'18"	100°00'49"	269	499	--	1971	1979	9
07311800	South Fork Wichita River near Benjamin, Texas	33°38'39"	99°48'02"	275	584	--	1961	1993	33
07311900	Wichita River near Seymour, Texas	33°42'01"	99°23'18"	23	1,874	--	1961	1979	19
07312140	Beaver Creek trib. near Crowell, Texas	33°58'54"	99°41'30"	155	3.43	--	1966	1974	9
07312200	Beaver Creek near Electra, Texas	33°54'21"	98°54'17"	485	652	--	1961	1979	19
07314200	North Fork Little Wichita River trib. near Archer City, Texas	33°39'50"	98°43'30"	9	.1	--	1966	1974	9
07314500	Little Wichita River near Archer City, Texas	33°39'45"	98°36'46"	9	481	--	1932	1946	15
07315200	East Fork Little Wichita River near Henrietta, Texas	33°48'46"	98°05'05"	77	178	--	1964	1993	30
07316200	Mineral Creek near Sadler, Texas	33°42'08"	96°50'51"	181	26	--	1969	1976	8
07332600	Bois d'Arc Creek near Randolf, Texas	33°28'32"	96°12'52"	147	72	--	1963	1985	23
07332602	Cooper Creek near Bonham, Texas	33°32'24"	96°12'03"	147	6.21	--	1966	1974	9
07336750	Little Pine Creek near Kanawha, Texas	33°50'26"	95°15'55"	387	75.4	--	1969	1980	12
07336800	Pecan Bayou near Clarksville, Texas	33°41'07"	94°59'41"	387	100	--	1962	1977	16
07336940	McKinney Bayou near Leary, Texas	33°31'33"	94°11'32"	37	3.33	--	1966	1973	8
07342450	Nelson Branch near Leonard, Texas	33°21'20"	96°13'25"	147	.22	--	1966	1974	9
07342470	South Sulphur River near Commerce, Texas	33°13'11"	95°51'45"	231	189	--	1980	1991	12
07342500	South Sulphur River near Cooper, Texas	33°21'20"	95°35'39"	119	527	--	1943	1993	51
07343000	North Sulphur River near Cooper, Texas	33°28'29"	95°35'15"	277	276	--	1950	1993	44
07343200	Sulphur River near Talco, Texas	33°23'10"	95°07'56"	449	1,365	--	1957	1993	37
07343300	Cuthand Creek near Bogata, Texas	33°32'51"	95°10'22"	387	69	--	1964	1974	11
07343350	Dial Branch near Bagwell, Texas	33°37'46"	95°10'12"	387	1	--	1966	1974	9
07343500	White Oak Creek near Talco, Texas	33°19'20"	95°05'33"	449	494	--	1950	1993	44
07343800	White Oak Creek below Talco, Texas	33°18'00"	95°01'00"	449	579	--	1938	1950	13
07343900	Buck Ceerk near Cookville, Texas	33°11'10"	94°52'20"	449	.78	--	1966	1974	9
07344000	Sulphur River near Darden, Texas	33°15'00"	94°37'00"	37	2,774	--	1910	1956	47

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
07344486	Brushy Creek at Scroggins, Texas	32°58'32"	95°11'03"	159	23.4	--	1979	1993	15
07344490	Dragoo Creek near Mount Pleasant, Texas	33°09'36"	95°01'51"	449	4.27	--	1967	1974	8
07344500	Big Cypress Creek near Pittsburg, Texas	33°01'15"	94°52'55"	63	366	--	1943	1969	27
07344600	Williamson Creek near Pittsburg, Texas	33°02'53"	94°52'37"	449	7.11	--	1967	1974	8
07345000	Boggy Creek near Daingerfield, Texas	33°02'10"	94°47'15"	343	72	--	1944	1977	34
07346000	Big Cypress Creek near Jefferson, Texas	32°44'58"	94°29'55"	315	850	--	1913	1957	45
07346010	Big Cypress Creek trib. near Jefferson, Texas	32°42'50"	94°25'52"	315	.21	--	1966	1974	9
07346045	Black Cypress Bayou at Jefferson, Texas	32°46'40"	94°21'26"	315	365	--	1969	1993	25
07346050	Little Cypress Creek near Ore City, Texas	32°40'21"	94°45'03"	459	383	--	1963	1993	31
07346070	Little Cypress Creek near Jefferson, Texas	32°42'50"	94°20'44"	315	675	--	1946	1993	48
07346072	Taylor Branch near Smithland, Texas	32°47'20"	94°15'02"	315	.73	--	1966	1974	9
07346140	Frazier Creek near Linden, Texas	33°03'14"	94°17'24"	67	48	--	1965	1991	27
08017200	Cowleech Fork Sabine River at Greenville, Texas	33°07'58"	96°04'36"	231	77.7	--	1959	1993	35
08017300	South Fork Sabine River near Quinlan, Texas	32°53'52"	96°15'11"	231	78.7	--	1959	1993	35
08017700	Burnett Branch near Canton, Texas	32°32'17"	95°51'44"	467	.33	--	1966	1974	9
08018500	Sabine River near Mineola, Texas	32°36'49"	95°29'08"	499	1,357	--	1938	1959	22
08018730	Burke Creek near Yantis, Texas	32°59'26"	95°37'18"	223	33.1	--	1980	1989	10
08019000	Lake Fork Creek near Quitman, Texas	32°45'47"	95°27'46"	499	585	--	1925	1979	42
08019500	Big Sandy Creek near Big Sandy, Texas	32°36'14"	95°05'29"	459	231	--	1939	1962	24
08020000	Sabine River near Gladewater, Texas	32°31'37"	94°57'36"	183	2,791	--	1932	1960	29
08020200	Prairie Creek near Gladewater, Texas	32°28'45"	94°57'14"	183	48.9	--	1968	1976	9
08020500	Sabine River near Longview, Texas	32°28'00"	94°46'50"	183	2,947	--	1905	1932	11
08020700	Rabbit Creek at Kilgore, Texas	32°23'17"	94°54'11"	183	75.8	--	1964	1976	13
08020800	Grace Creek trib. at Longview, Texas	32°31'02"	94°44'23"	183	5.05	--	1967	1974	8
08021000	Cherokee Bayou near Elderville, Texas	32°20'00"	94°42'00"	183	120	--	1940	1948	9
08022000	Sabine River near Tatum, Texas	32°22'11"	94°27'28"	365	3,493	--	1939	1960	22
08022010	Redmon Branch near Hallsville, Texas	32°29'41"	94°28'47"	203	.46	--	1966	1974	9
08022400	Socagee Creek near Carthage, Texas	32°13'54"	94°05'31"	365	82.6	--	1962	1973	12

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08022500	Sabine River at Logansport, Louisianna	31°58'20"	94°00'22"	31	4,842	--	1904	1960	57
08023200	Tenaha Creek near Shelbyville, Texas	31°45'56"	94°05'02"	419	97.8	--	1952	1981	30
08024290	Dorsey Branch near Milam, Texas	31°30'44"	93°50'45"	403	.7	--	1967	1974	8
08024400	Sabine River near Milam, Texas	31°28'01"	93°44'41"	403	6,508	--	1924	1966	30
08024500	Palo Gaucho Bayou near Hemphill, Texas	31°23'10"	93°50'08"	403	123	--	1952	1965	14
08026000	Sabine River near Burkeville, Texas	31°03'50"	93°31'10"	351	7,482	--	1956	1965	10
08028500	Sabine River near Bon Weir, Texas	30°44'49"	93°36'30"	351	8,229	--	1929	1965	42
08028505	Moore Branch near Newton, Texas	30°53'00"	93°40'59"	351	3.77	--	1967	1974	8
08029500	Big Cow Creek near Newton, Texas	30°49'08"	93°47'07"	351	128	--	1952	1993	42
08030000	Cypress Creek near Buna, Texas	30°25'52"	93°54'28"	241	69.2	--	1952	1983	32
08030500	Sabine River near Ruliff, Texas	30°18'13"	93°44'37"	351	9,329	--	1908	1966	54
08030700	Adams Bayou trib. near Deweyville, Texas	30°14'53"	93°48'56"	351	12.4	--	1967	1974	8
08031000	Cow Bayou near Mauriceville, Texas	30°11'10"	93°54'30"	361	83.3	--	1953	1986	34
08031100	Bethlehem Branch near Van, Texas	32°29'04"	95°38'35"	467	1.09	--	1966	1974	9
08031200	Kickapoo Creek near Brownsboro, Texas	32°18'34"	95°36'19"	213	232	--	1962	1989	28
08032000	Neches River near Neches, Texas	31°53'32"	95°25'50"	1	1,145	--	1939	1961	23
08032100	Hurricane Creek trib. near Palestine, Texas	31°52'10"	95°34'20"	1	.39	--	1967	1974	8
08032300	Squirrel Creek near Elkhart, Texas	31°37'09"	95°30'15"	1	1.57	--	1967	1974	8
08032500	Neches River near Alto, Texas	31°34'45"	95°09'55"	73	1,945	--	1944	1961	18
08033000	Neches River near Diboll, Texas	31°07'58"	94°48'35"	373	2,724	--	1924	1961	24
08033250	Piney Creek trib. near Pennington, Texas	31°12'12"	95°06'58"	455	1.17	--	1967	1974	8
08033300	Piney Creek near Groveton, Texas	31°08'25"	95°05'11"	455	79	--	1962	1989	28
08033450	Shawnee Creek trib. near Huntington, Texas	31°13'17"	94°30'51"	5	.52	--	1967	1974	8
08033480	Greenwood Creek trib. near Colmesneil, Texas	30°58'48"	94°24'22"	457	.15	--	1967	1974	8
08033500	Neches River near Rockland, Texas	31°01'29"	94°23'55"	457	3,636	--	1904	1961	56
08033700	Striker Creek near Summerfield, Texas	32°00'10"	94°59'35"	73	146	--	1941	1949	9
08033900	East Fork Angelina River near Cushing, Texas	31°51'36"	94°49'23"	401	158	--	1964	1989	26
08034500	Mud Creek near Jacksonville, Texas	31°58'35"	95°09'38"	73	376	--	1939	1948	10
08037000	Angelina River near Lufkin, Texas	31°27'26"	94°43'34"	5	1,600	--	1924	1956	28
08037050	Bayou Lanana at Nacogdoches, Texas	31°36'58"	94°38'28"	347	31.3	--	1965	1993	27
08037300	Gingham Branch near Mount Enterprise, Texas	31°55'14"	94°33'33"	401	.9	--	1967	1974	8
08038000	Attoyac Bayou near Chireno, Texas	31°30'15"	94°18'15"	347	503	--	1924	1993	55

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08038500	Angelina River near Zavalla, Texas	31°12'41"	94°17'40"	5	2,892	--	1952	1965	14
08039100	Ayish Bayou near San Augustine, Texas	31°23'46"	94°09'03"	405	89	--	1958	1993	36
08039500	Angelina River at Horger, Texas	31°02'08"	94°07'48"	241	3,486	--	1928	1950	23
08039900	Little Sandy Creek trib. near Jasper, Texas	30°56'39"	93°56'16"	241	.46	--	1967	1974	8
08041000	Neches River at Evadale, Texas	30°21'20"	94°05'35"	241	7,951	--	1905	1950	32
08041400	Drakes Branch near Spurger, Texas	30°41'02"	94°15'32"	457	5.03	--	1967	1974	8
08041500	Village Creek near Kountze, Texas	30°23'52"	94°15'48"	199	860	--	1924	1993	58
08041700	Pine Island Bayou near Sour Lake, Texas	30°06'21"	94°20'04"	199	336	--	1968	1993	26
08042000	Taylor Bayou near Labelle, Texas	29°52'30"	94°09'34"	245	262	--	1952	1984	33
08042500	Hillebrandt Bayou near Lovell Lake, Texas	29°55'44"	94°06'35"	245	128	--	1954	1984	30
08042550	West Fork Double Bayou near Anahuac, Texas	29°45'39"	94°38'00"	71	6.25	--	1967	1974	8
08042700	North Creek near Jacksboro, Texas	33°16'57"	98°17'53"	237	21.6	--	1956	1973	18
08042800	West Fork Trinity River near Jacksboro, Texas	33°17'36"	98°04'43"	237	683	--	1955	1973	19
08043500	West Fork Trinity River at Bridgeport, Texas	33°12'05"	97°45'21"	497	1,147	--	1908	1932	25
08044000	Big Sandy Creek near Bridgeport, Texas	33°13'54"	97°41'40"	497	333	--	1937	1955	19
08044200	Walker Creek near Boyd, Texas	33°04'32"	97°34'58"	497	2.95	--	1966	1974	9
08045500	West Fork Trinity River at Lake Worth Dam above Fort Worth, Texas	32°47'27"	97°24'54"	439	2,069	--	1924	1934	10
08046000	Clear Fork Trinity River near Aledo, Texas	32°38'28"	97°33'51"	367	251	--	1948	1956	9
08047500	Clear Fork Trinity River at Fort Worth, Texas	32°43'56"	97°21'31"	439	518	--	1924	1952	29
08048000	West Fork Trinity River at Fort Worth, Texas	32°45'39"	97°19'56"	439	2,615	--	1921	1931	11
08048500	Marine Creek at Fort Worth, Texas	32°48'16"	97°21'48"	439	16.8	--	1950	1957	8
08048900	Deer Creek trib. near Crowley, Texas	32°35'06"	97°21'04"	439	5.86	--	1967	1974	8
08049550	Big Bear Creek near Grapevine, Texas	32°54'48"	97°07'44"	439	29.6	--	1967	1979	13
08049580	Mountain Creek near Venus, Texas	32°39'07"	96°59'24"	113	25.5	--	1986	1993	8
08049700	Walnut Creek near Mansfield, Texas	32°34'51"	97°06'06"	439	62.8	--	1961	1993	33
08050000	Mountain Creek near Grand Prairie, Texas	32°42'20"	96°58'00"	113	273	--	1925	1933	9
08050200	Elm Fork Trinity Subwatershed No. 6–0 near Muenster, Texas	33°37'13"	97°24'15"	97	.77	--	1957	1973	17
08050400	Elm Fork Trinity River at Gainesville, Texas	33°27'27"	97°09'22"	97	174	--	1986	1993	8

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08050800	Timber Creek near Collinsville, Texas	33°33'16"	96°56'49"	97	38.8	--	1986	1993	8
08051000	Isle du Bois Creek near Pilot Point, Texas	33°24'23"	97°00'45"	121	266	--	1949	1985	37
08051500	Clear Creek near Sanger, Texas	33°20'21"	97°10'51"	121	295	--	1949	1963	15
08052630	Little Elm Creek Subwatershed No. 10 near Gunter, Texas	33°24'33"	96°48'41"	181	2.1	--	1966	1976	11
08052700	Little Elm Creek near Aubrey, Texas	33°17'00"	96°53'33"	121	75.5	--	1957	1965	9
08053100	Jones Valley Creek trib. near Forestburg, Texas	33°33'15"	97°37'05"	337	1.7	--	1966	1974	9
08053500	Denton Creek near Justin, Texas	33°07'08"	97°17'25"	121	400	--	1950	1963	14
08054000	Denton Creek near Roanoke, Texas	33°02'24"	97°12'17"	121	621	--	1924	1955	21
08054200	Gamble Branch near Argyle, Texas	33°04'53"	97°11'48"	121	.5	--	1966	1974	9
08055500	Elm Fork Trinity River near Carrollton, Texas	32°57'57"	96°56'39"	113	2,459	--	1924	1951	28
08057000	Trinity River at Dallas, Texas	32°46'29"	96°49'18"	113	6,106	--	1904	1933	30
08057500	Honey Creek Subwatershed No. 11 near McKinney, Texas	33°18'12"	96°41'22"	85	2.14	--	1953	1973	21
08058000	Honey Creek Subwatershed No. 12 near McKinney, Texas	33°18'20"	96°40'12"	85	1.26	--	1953	1977	25
08059200	Arls Branch near Westminster, Texas	33°21'31"	96°26'31"	85	.52	--	1966	1974	9
08061500	East Fork Trinity River near Rockwall, Texas	32°55'25"	96°30'20"	397	840	--	1924	1953	30
08061540	Rowlett Creek near Sachse, Texas	32°57'35"	96°36'51"	113	120	--	1969	1993	25
08062500	Trinity River near Rosser, Texas	32°25'35"	96°27'46"	257	8,146	--	1939	1953	15
08062850	Bachelor Creek near Terrell, Texas	32°42'42"	96°17'52"	257	13	--	1967	1974	8
08062900	Kings Creek near Kaufman, Texas	32°30'48"	96°19'44"	257	233	--	1963	1971	9
08063000	Cedar Creek near Mabank, Texas	32°19'45"	96°10'05"	257	733	--	1939	1965	27
08063005	Red Oak Branch near Eustace, Texas	32°18'36"	95°57'38"	213	.9	--	1966	1974	9
08063180	Briar Creek trib. near Corsicana, Texas	32°02'54"	96°34'49"	349	.72	--	1966	1974	9
08063500	Richland Creek near Richland, Texas	31°57'02"	96°25'16"	349	734	--	1939	1962	24
08063550	Alvarado Branch near Alvarado, Texas	32°24'49"	97°12'20"	251	.84	--	1966	1974	9
08063620	Kings Branch near Reagor Springs, Texas	32°20'41"	96°47'02"	139	.62	--	1965	1974	10
08064500	Chambers Creek near Corsicana, Texas	32°06'29"	96°22'14"	349	963	--	1939	1960	22
08064630	Saline Branch trib. near Bethel, Texas	31°55'46"	95°55'58"	1	.22	--	1967	1974	8
08064700	Tehuacana Creek near Streetman, Texas	31°50'54"	96°17'23"	161	142	--	1968	1993	26
08064800	Catfish Creek near Tennessee Colony, Texas	31°52'51"	95°52'07"	1	207	--	1962	1989	28
08065000	Trinity River near Oakwood, Texas	31°38'54"	95°47'21"	1	12,833	--	1924	1952	29
08065200	Upper Keechi Creek near Oakwood, Texas	31°34'11"	95°53'17"	289	150	--	1962	1993	32
08065320	Mayes Branch near Latexo, Texas	31°25'58"	95°28'29"	225	4.26	--	1967	1974	8

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08065500	Trinity River near Midway, Texas	31°04'28"	95°41'57"	313	14,450	--	1940	1953	14
08065700	Caney Creek near Madisonville, Texas	30°56'12"	95°56'07"	313	112	--	1964	1976	13
08065800	Bedias Creek near Madisonville, Texas	30°53'03"	95°46'39"	471	321	--	1968	1993	26
08066000	Trinity River at Riverside, Texas	30°51'33"	95°23'55"	471	15,589	--	1903	1953	51
08066100	White Rock Creek near Trinity, Texas	31°03'06"	95°22'40"	455	222	--	1966	1985	20
08066170	Kickapoo Creek near Onalaska, Texas	30°54'25"	95°05'18"	373	57	--	1966	1993	28
08066200	Long King Creek at Livingston, Texas	30°42'58"	94°57'31"	373	141	--	1963	1993	31
08066280	Bluff Creek trib. near Livingston, Texas	30°41'52"	94°46'58"	373	.62	--	1967	1974	8
08066300	Menard Creek near Rye, Texas	30°28'52"	94°46'46"	291	152	--	1966	1993	28
08066400	Big Creek near Shepherd, Texas	30°30'59"	94°59'06"	407	38.8	--	1966	1989	24
08066500	Trinity River at Romayor, Texas	30°25'30"	94°51'02"	291	17,186	--	1924	1953	30
08067000	Trinity River at Liberty, Texas	30°03'27"	94°49'05"	291	17,468	--	1940	1953	14
08067500	Cedar Bayou near Crosby, Texas	29°58'20"	94°59'10"	291	64.9	--	1972	1993	22
08067550	Welch Branch near Huntsville, Texas	30°38'33"	95°40'47"	471	2.35	--	1966	1974	9
08067750	Landrum Creek trib. near Montgomery, Texas	30°21'03"	95°41'50"	339	.13	--	1966	1974	9
08068000	West Fork San Jacinto River near Conroe, Texas	30°14'40"	95°27'25"	339	828	--	1924	1972	37
08068300	Mill Creek trib. near Dobbin, Texas	30°15'37"	95°46'14"	339	4.07	--	1967	1974	8
08068500	Spring Creek near Spring, Texas	30°06'37"	95°26'10"	201	409	--	1939	1975	37
08068520	Spring Creek at Spring, Texas	30°05'31"	95°24'21"	201	419	--	1929	1993	56
08068720	Cypress Creek at Katy-Hockley Rd. near Hockley, Texas	29°57'00"	95°48'29"	201	110	--	1976	1993	18
08068740	Cypress Creek at House-Hahl Rd. near Cypress, Texas	29°57'32"	95°43'03"	201	131	--	1975	1993	19
08068780	Little Cypress Creek near Cypress, Texas	30°00'57"	95°41'50"	201	41	--	1983	1993	11
08068800	Cypress Creek at Grant Rd. near Cypress, Texas	29°58'24"	95°35'54"	201	214	--	1983	1993	11
08069500	West Fork San Jacinto River near Humble, Texas	30°01'37"	95°15'28"	201	1,741	--	1929	1954	26
08069850	Bear Creek near Cleveland, Texas	30°26'58"	95°13'11"	407	1.46	--	1967	1974	8
08070000	East Fork San Jacinto River near Cleveland, Texas	30°20'11"	95°06'14"	291	325	--	1940	1993	54
08070200	East Fork San Jacinto River near New Caney, Texas	30°08'43"	95°07'27"	339	388	--	1985	1993	9
08070500	Caney Creek near Splendora, Texas	30°15'34"	95°18'08"	339	105	--	1944	1993	49

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08071000	Peach Creek at Splendora, Texas	30°13'57"	95°10'05"	339	117	--	1944	1977	34
08071280	Luce Bayou above Lake Houston near Huffman, Texas	30°06'34"	95°03'35"	291	218	--	1985	1993	9
08071500	San Jacinto River near Huffman, Texas	29°59'40"	95°08'00"	201	2,800	--	1937	1953	17
08072300	Buffalo Bayou near Katy, Texas	29°44'35"	95°48'24"	157	63.3	--	1981	1993	13
08072700	South Mayde Creek near Addicks, Texas	29°48'03"	95°41'33"	201	32.3	--	1974	1984	10
08072730	Bear Creek near Barker, Texas	29°49'50"	95°41'12"	201	21.5	--	1980	1993	14
08072760	Langham Creek at West Little Yourk Rd. near Addicks, Texas	29°52'01"	95°38'47"	201	24.6	--	1981	1993	13
08072800	Langham Creek near Addicks, Texas	29°50'08"	95°37'32"	201	48.9	--	1974	1984	11
08073800	Bering ditch at Woodway Dr. at Houston, Texas	29°45'22"	95°29'44"	201	2.77	--	1965	1973	9
08074020	Whiteoak Bayou at Alabonson Rd. at Houston, Texas	29°52'14"	95°28'49"	201	34.5	--	1984	1993	9
08074100	Cole Creek at Guhn Rd. at Houston, Texas	29°51'24"	95°30'55"	201	7.05	--	1965	1972	8
08074900	Willow Waterhole Bayou at Landsdowne St. at Houston, Texas	29°39'01"	95°29'11"	201	11.2	--	1965	1972	8
08075300	Sims Bayou at Carlsbad Street at Houston, Texas	29°37'33"	95°29'56"	201	3.81	--	1965	1972	8
08075600	Berry Bayou trib. at Globe Street at Houston, Texas	29°39'00"	95°14'48"	201	1.58	--	1965	1972	8
08075700	Berry Creek at Galveston Rd. at Houston, Texas	29°40'59"	95°15'11"	201	4.86	--	1965	1972	8
08075750	Hunting Bayou trib. at Cavalcade St. at Houston, Texas	29°48'00"	95°20'02"	201	1.2	--	1965	1972	8
08077550	Cowart Creek near Friendswood, Texas	29°30'46"	95°13'21"	39	18	--	1966	1974	9
08078000	Chocolate Bayou near Alvin, Texas	29°22'09"	95°19'14"	39	87.7	--	1947	1993	47
08079500	North Fork Double Mountain Fork Brazos River at Lubbock, Texas	33°35'08"	101°49'40"	303	5,300	200	1940	1951	12
08079570	Barnum Springs Draw near Post, Texas	33°16'54"	101°23'30"	169	4.99	--	1966	1974	9
08079575	North Fork Double Mountain Fork Brazos River near Post, Texas	33°14'52"	101°20'24"	169	438	--	1984	1993	10
08079580	Rattlesnake Creek near Post, Texas	33°13'36"	101°23'30"	169	2.77	--	1966	1974	9
08079600	Double Mountain Fork Brazos River at Justiceburg, Texas	33°02'18"	101°11'50"	169	1,466	244	1962	1993	32
08080500	Double Mountain Fork Brazos River near Aspermont, Texas	33°00'29"	100°10'49"	433	8,796	1,864	1925	1993	65
08080510	Guest-Flowers Draw near Aspermont, Texas	33°07'25"	100°08'15"	433	3.02	--	1965	1974	10
08080540	McDonald Creek near Post, Texas	33°21'03"	101°13'36"	169	103	79.2	1966	1978	13
08080700	Running Water Draw at Plainview, Texas	34°10'44"	101°42'08"	189	1,291	382	1939	1978	37
08080750	Callahan Draw near Lockney, Texas	33°59'48"	101°32'54"	153	151	8.37	1966	1974	9
08080918	Red Mud Creek near Spur, Texas	33°19'24"	100°55'18"	125	2,547	65.1	1966	1974	9
08081200	Croton Creek near Jayton, Texas	33°17'18"	100°25'52"	433	290	--	1960	1986	27
08081500	Salt Croton Creek near Aspermont, Texas	33°24'03"	100°24'29"	269	64.3	--	1957	1977	21
08082000	Salt Fork Brazos River near Aspermont, Texas	33°20'02"	100°14'16"	433	5,130	2,496	1924	1963	27

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08082100	Stinking Creek near Aspermont, Texas	33°14'00"	100°12'47"	433	88.8	--	1966	1983	18
08082180	North Croton Creek near Knox City, Texas	33°22'59"	100°04'51"	433	251	--	1966	1986	21
08082500	Brazos River at Seymour, Texas	33°34'51"	99°16'02"	23	15,538	5,972	1924	1973	50
08082700	Millers Creek near Munday, Texas	33°19'45"	99°27'53"	447	104	--	1964	1993	30
08082900	North Elm Creek near Throckmorton, Texas	33°10'50"	99°22'05"	447	3.58	--	1966	1974	9
08083100	Clear Fork Brazos River near Roby, Texas	32°47'15"	100°23'18"	151	228	--	1962	1993	32
08083240	Clear Fork Brazos River at Hawley, Texas	32°35'53"	99°48'53"	253	1,416	--	1968	1989	22
08083245	Mulberry Creek near Hawley, Texas	32°34'04"	99°47'32"	253	205	--	1969	1989	21
08083400	Little Elm Creek near Abilene, Texas	32°23'29"	99°51'08"	441	39.1	--	1964	1979	16
08083420	Cat Claw Creek at Abilene, Texas	32°28'31"	99°44'56"	441	13	--	1971	1979	9
08083470	Cedar Creek at Abilene, Texas	32°26'56"	99°43'13"	441	119	--	1971	1979	9
08084000	Clear Fork Brazos River at Nugent, Texas	32°41'24"	99°40'09"	253	2,199	--	1924	1939	16
08084800	California Creek near Stamford, Texas	32°55'51"	99°38'32"	253	478	--	1963	1993	31
08085300	Humphries Draw near Haskell, Texas	33°10'40"	99°34'30"	207	3.51	--	1966	1974	9
08085500	Clear Fork Brazos River at Fort Griffin, Texas	32°56'04"	99°13'27"	417	3,988	--	1924	1939	16
08086050	Deep Creek at Moran, Texas	32°33'33"	99°10'11"	417	228	--	1963	1975	13
08086100	Hubbard Creek near Albany, Texas	32°41'21"	99°09'52"	417	454	--	1962	1975	14
08086150	North Fork Hubbard Creek near Albany, Texas	32°42'27"	99°16'29"	417	39.3	--	1963	1990	28
08086212	Hubbard Creek below Albany, Texas	32°43'58"	99°08'25"	417	613	--	1967	1993	27
08086260	Pecan Creek near Eolian, Texas	32°35'01"	99°01'57"	429	26.4	--	1967	1975	9
08086290	Big Sandy Creek above Breckenridge, Texas	32°38'54"	99°00'15"	429	280	--	1977	1993	17
08086300	Big Sandy Creek near Breckenridge, Texas	32°39'52"	99°00'01"	429	288	--	1962	1975	14
08086500	Hubbard Creek near Breckenridge, Texas	32°50'13"	98°56'52"	429	1,089	--	1955	1962	8
08087300	Clear Fork Brazos River at Eliasville, Texas	32°57'36"	98°45'59"	503	5,697	--	1916	1951	31
08088000	Brazos River near South Bend, Texas	33°01'27"	98°38'37"	503	22,673	13,107	1939	1961	23
08088100	Salt Creek at Olney, Texas	33°22'13"	98°44'40"	503	11.8	--	1958	1977	20
08088300	Briar Creek near Graham, Texas	33°12'43"	98°37'06"	503	24.2	--	1959	1989	31
08088450	Big Cedar Creek near Ivan, Texas	32°49'39"	98°43'25"	429	97	--	1965	1989	25

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08089000	Brazos River near Palo Pinto, Texas	32°51'45"	98°18'08"	363	23,811	14,245	1924	1940	17
08089100	Elm Creek trib. near Graford, Texas	32°54'35"	98°17'35"	363	1.1	--	1966	1974	9
08090500	Palo Pinto Creek near Santo, Texas	32°37'51"	98°10'50"	363	573	--	1951	1963	13
08090850	Cidwell Branch near Granbury, Texas	32°35'41"	97°46'24"	367	3.37	--	1966	1974	9
08091000	Brazos River near Glen Rose, Texas	32°16'18"	97°39'48"	425	25,818	16,252	1924	1940	17
08091500	Paluxy River at Glen Rose, Texas	32°13'53"	97°46'37"	425	410	--	1948	1982	35
08091700	Panter Branch near Tolar, Texas	32°20'59"	97°51'25"	221	7.82	--	1966	1974	9
08092000	Nolan River at Blum, Texas	32°09'02"	97°24'09"	217	282	--	1948	1963	16
08093200	Bond Branch near Hillsboro, Texas	32°02'16"	97°06'27"	217	.36	--	1965	1974	10
08093250	Hackberry Creek at Hillsboro, Texas	32°00'20"	97°08'59"	217	57.9	--	1981	1992	12
08093500	Aquilla Creek near Aquilla, Texas	31°50'40"	97°12'04"	217	308	--	1939	1979	41
08094000	Green Creek Subwatershed No. 1 near McKinney, Texas	32°09'57"	98°20'28"	143	4.19	--	1955	1977	23
08095000	North Bosque River near Clifton, Texas	31°47'09"	97°34'04"	35	968	--	1924	1967	44
08095200	North Bosque River at Valley Mills, Texas	31°40'10"	97°28'09"	35	1,146	--	1960	1967	8
08095220	South Bosque River near McGregor, Texas	31°23'22"	97°22'54"	309	15.9	--	1967	1974	8
08095250	Willow Branch at McGregor, Texas	31°26'24"	97°25'18"	309	2.52	--	1967	1974	8
08095300	Middle Bosque River near McGregor, Texas	31°30'33"	97°21'56"	309	182	--	1960	1993	33
08095400	Hog Creek near Crawford, Texas	31°33'20"	97°21'22"	309	78.2	--	1960	1979	20
08096500	Brazos River at Waco, Texas	31°32'06"	97°04'22"	309	29,573	20,007	1899	1993	43
08096550	Box Branch at Robinson, Texas	31°29'28"	97°08'47"	309	.34	--	1966	1974	9
08096800	Cow Bayou Subwatershed No. 4 near Bruceville, Texas	31°19'59"	97°16'02"	309	5.04	--	1958	1975	18
08097500	Brazos River near Marlin, Texas	31°17'18"	96°58'10"	145	30,211	20,645	1939	1951	13
08098203	Brushy Creek Watershed C near Riessel, Texas	31°31'11"	96°53'34"	309	.9	--	1939	1975	32
08098206	Brushy Creek Watershed D near Riessel, Texas	31°30'38"	96°53'32"	309	1.73	--	1938	1970	28
08098227	Brushy Creek Watershed Y–2 near Riessel, Texas	31°28'30"	96°52'46"	309	.21	--	1939	1975	37
08098239	Brushy Creek Watershed Y near Riessel, Texas	31°28'36"	96°52'36"	309	.48	--	1938	1975	36
08098242	Brushy Creek Watershed G near Riessel, Texas	31°28'59"	96°52'06"	309	6.84	--	1938	1975	24
08098263	Brushy Creek Watershed W–1 near Riessel, Texas	31°27'27"	96°52'48"	309	.28	--	1938	1975	38
08098281	Brushy Creek Watershed W–2 near Riessel, Texas	31°2'719"	96°52'55"	309	.2	--	1938	1975	38
08098300	Little Pond Creek near Burlington, Texas	31°01'35"	96°59'17"	331	23	--	1963	1982	20
08099300	Sabana River near De Leon, Texas	32°06'50"	98°36'19"	93	264	--	1961	1975	19
08099350	Sabana River trib. near De Leon, Texas	32°06'44"	98°33'58"	93	.48	--	1966	1974	9

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08099500	Leon River near Hasse, Texas	31°57'28"	98°27'32"	93	1,261	--	1939	1953	15
08100100	Edison Creek near Hamilton, Texas	31°46'10"	98°07'25"	193	2.91	--	1966	1974	9
08100400	Bermuda Branch near Gatesville, Texas	31°32'26"	97°47'53"	99	.5	--	1967	1974	8
08100500	Leon River at Gatesville, Texas	31°25'58"	97°45'42"	99	2,342	--	1951	1959	9
08100800	Hoffman Branch near Hamilton, Texas	31°35'01"	98°11'45"	193	5.56	--	1966	1974	9
08101000	Cowhouse Creek at Pidcoke, Texas	31°17'05"	97°53'05"	99	455	--	1951	1993	43
08102500	Leon River near Belton, Texas	31°04'12"	97°26'28"	27	3,542	--	1924	1954	31
08102900	School Branch near Lampasas, Texas	31°13'48"	98°09'25"	281	.9	--	1967	1974	8
08103800	Lampasas River near Kempner, Texas	31°04'54"	98°00'59"	281	818	--	1963	1993	31
08103900	South Fork Rocky Creek near Briggs, Texas	30°54'41"	98°02'12"	53	33.3	--	1963	1993	31
08104000	Lampasas River at Youngsport, Texas	30°57'26"	97°42'30"	27	1,240	--	1925	1973	49
08104700	North Fork San Gabriel River near Georgetown, Texas	30°39'42"	97°42'40"	491	248	--	1969	1979	11
08104850	South Fork San Gabriel River near Bertran, Texas	30°43'14"	98°06'15"	53	8.9	--	1967	1974	8
08104900	South Fork San Gabriel River at Georgetown, Texas	30°37'32"	97°41'27"	491	133	--	1968	1993	26
08105000	San Gabriel River at Georgetown, Texas	30°39'14"	97°39'18"	491	405	--	1935	1973	39
08105100	Berry Creek near Georgetown, Texas	30°41'28"	97°39'21"	491	83.1	--	1968	1993	26
08105400	San Gabriel River near Circleville, Texas	30°37'43"	97°28'23"	491	599	--	1925	1976	19
08105700	San Gabriel River at Laneport, Texas	30°41'39"	97°16'43"	491	738	--	1965	1979	15
08105900	Avery Branch near Taylor, Texas	30°29'11"	97°27'27"	491	3.52	--	1967	1974	8
08106500	Little River at Cameron, Texas	30°49'53"	96°57'01"	331	7,065	--	1918	1953	36
08108200	North Elm Creek near Cameron, Texas	30°55'52"	97°01'13"	331	44.8	--	1963	1973	11
08108800	Little Branch near Bryan, Texas	30°45'14"	96°28'01"	395	.14	--	1966	1974	9
08109000	Brazos River near Bryan, Texas	30°36'52"	96°29'10"	41	39,515	29,949	1926	1939	12
08109700	Middle Yegua Creek near Dime Box, Texas	30°20'21"	96°54'16"	287	236	--	1963	1993	31
08109800	East Yegua Creek near Dime Box, Texas	30°24'26"	96°49'02"	51	244	--	1963	1993	31
08110000	Yegua Creek near Somerville, Texas	30°19'18"	96°30'26"	51	1,009	--	1925	1966	42
08110100	Davidson Creek near Lyons, Texas	30°25'10"	96°32'24"	51	195	--	1963	1993	31
08110350	Plummers Creek at Mexia, Texas	31°39'45"	96°29'56"	293	4.42	--	1966	1974	9

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08110430	Big Creek near Freestone, Texas	31°30'25"	96°19'31"	293	57.1	--	1980	1993	14
08110500	Navasota River near Easterly, Texas	31°10'12"	96°17'51"	395	968	--	1925	1961	37
08111000	Navasota River near Bryan, Texas	30°52'10"	96°11'32"	41	1,454	--	1951	1961	11
08111100	Winkleman Creek near Brenham, Texas	30°15'19"	96°15'44"	477	.75	--	1966	1974	9
08111700	Mill Creek near Bellville, Texas	29°52'51"	96°12'18"	15	376	--	1964	1993	30
08114000	Brazos River at Richmond, Texas	29°34'56"	95°45'27"	157	45,007	35,441	1931	1939	9
08114900	Seabourne Creek near Rosenberg, Texas	29°31'27"	95°48'28"	157	5.78	--	1967	1974	8
08115000	Big Creek near Needville, Texas	29°28'35"	95°48'45"	157	42.8	--	1947	1993	46
08115500	Fairchild Creek near Needville, Texas	29°26'45"	95°45'41"	157	26.2	--	1947	1954	8
08116400	Dry Creek near Rosenberg, Texas	29°30'42"	95°44'48"	157	8.65	--	1959	1979	21
08117500	San Bernard River near Boling, Texas	29°18'48"	95°53'37"	157	727	--	1955	1993	39
08118500	Bull Creek near Ira, Texas	32°36'00"	101°05'38"	415	26.3	--	1948	1962	11
08119000	Bluff Creek near Ira, Texas	32°35'29"	101°03'02"	415	42.6	--	1948	1965	18
08120500	Deep Creek near Dunn, Texas	32°34'25"	100°54'27"	415	198	188	1953	1986	34
08121500	Morgan Creek near Westbrook, Texas	32°23'42"	101°01'32"	335	273	230	1955	1963	9
08123500	Champion Creek near Colorado City, Texas	32°19'01"	100°49'28"	335	198	177	1948	1959	12
08123620	Sulpher Spring Draw near Wellman, Texas	33°04'36"	102°27'54"	445	605	41.8	1966	1974	9
08123750	Coahoma Draw trib. near Big Spring, Texas	32°21'17"	101°24'18"	227	2.38	--	1965	1974	10
08123760	Bull Creek trib. near Forsan, Texas	32°08'23"	101°10'53"	227	.4	--	1966	1974	9
08123900	Colorado River near Silver, Texas	32°01'10"	100°44'08"	81	14,997	4,737	1957	1970	14
08123920	Bitter Creek near Silver, Texas	31°58'48"	100°42'52"	81	3.71	--	1967	1974	8
08124000	Colorado River at Robert Lee, Texas	31°53'07"	100°28'49"	81	15,307	5,047	1924	1948	14
08126500	Colorado River at Ballinger, Texas	31°43'58"	99°57'13"	399	16,413	6,160	1908	1968	61
08127000	Elm Creek at Ballinger, Texas	31°44'57"	99°56'51"	399	450	--	1933	1981	49
08127100	Dry Creek near Christoval, Texas	31°05'21"	100°20'56"	451	2.77	--	1965	1974	10
08128000	South Concho River at Christoval, Texas	31°1115"	100°30'06"	451	413	354	1931	1993	63
08128400	Middle Concho River above Tankersley, Texas	31°25'38"	100°42'39"	235	2,579	1,611	1961	1993	33
08128500	Middle Concho River near Tankersley, Texas	31°22'35"	100°36'50"	451	2,653	1,685	1931	1961	31
08129300	Spring Creek above Tankersley, Texas	31°19'48"	100°38'24"	451	425	405	1962	1993	32
08130500	Dove Creek at Knickerbocker, Texas	31°16'24"	100°37'45"	451	229	198	1962	1993	32
08131000	Spring Creek near Tankersley, Texas	31°21'30"	100°32'05"	451	699.1	671	1931	1960	30
08131400	Pecan Creek near San Angelo, Texas	31°18'32"	100°26'44"	451	81.1	--	1962	1986	25

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08133300	Quarry Creek near Sterling City, Texas	31°50'47"	101°09'20"	431	3.25	--	1965	1974	10
08133500	North Concho River at Sterling City, Texas	31°49'48"	100°59'36"	431	588	568	1940	1993	54
08133800	Broome Creek near Broome, Texas	31°46'05"	100°51'09"	431	2.03	--	1965	1974	10
08134000	North Concho River near Carlsbad, Texas	31°35'33"	100°38'12"	451	1,266	1,191	1925	1993	69
08134300	Nolke Station Creek near San Angelo, Texas	31°31'34"	100°33'46"	451	.59	--	1965	1974	10
08134400	Gravel Pit Creek near San Angelo, Texas	31°27'54"	100°31'17"	451	.19	--	1965	1974	10
08135000	North Concho River at San Angelo, Texas	31°27'57"	100°26'51"	451	1,525	1,450	1916	1951	17
08136000	Concho River at San Angelo, Texas	31°27'16"	100°24'37"	451	5,542	4,411	1916	1951	36
08136200	Puddle Creek near Veribest, Texas	31°30'38"	100°09'31"	451	12	--	1966	1974	9
08136500	Concho River at Paint Rock, Texas	31°30'57"	99°55'09"	95	6,574	5,443	1916	1951	36
08136900	Mukewater Creek Subwatershed No. 10–A near Trickham, Texas	31°39'01"	99°13'30"	83	21.8	--	1966	1973	8
08137000	Mukewater Creek Subwatershed No. 9 near Trickham, Texas	31°41'36"	99°12'12"	83	4.02	--	1961	1977	17
08137500	Mukewater Creek at Trickham, Texas	31°35'24"	99°13'36"	83	70	--	1951	1960	10
08138000	Colorado River at Winchell, Texas	31°28'04"	99°09'43"	49	25,179	13,788	1924	1951	24
08139000	Deep Creek Subwatershed No. 3 near Placid, Texas	31°17'25"	99°09'22"	307	3.42	--	1954	1977	24
08140000	Deep Creek Subwatershed No. 6 near Mercury, Texas	31°23'58"	99°08'14"	307	5.41	--	1952	1971	20
08141100	McCall Branch near Coleman, Texas	31°50'57"	99°33'12"	83	2.17	--	1966	1974	9
08143700	Brown's Creek trib. near Goldthwaite, Texas	31°31'01"	98°34'00"	333	2.48	--	1966	1974	9
08144500	San Saba River at Menard, Texas	30°55'08"	99°47'07"	327	1,135	1,128	1916	1993	78
08144600	San Saba River near Brady, Texas	31°00'14"	99°16'07"	307	1,633	1,626	1980	1993	14
08145000	Brady Creek at Brady, Texas	31°08'17"	99°20'05"	307	588	--	1940	1954	15
08145100	Brady Creek trib. near Brady, Texas	31°05'05"	99°17'33"	307	4.05	--	1967	1974	8
08146000	San Saba River at San Saba, Texas	31°12'47"	98°43'09"	411	3,046	3,039	1916	1979	64
08147000	Colorado River near San Saba, Texas	31°13'04"	98°33'51"	411	31,217	19,819	1916	1951	35
08148500	North Llano River near Junction, Texas	30°31'06"	99°48'39"	267	914	--	1916	1977	62
08150000	Llano River near Junction, Texas	30°29'51"	99°43'19"	267	1,856	1,851	1916	1993	78
08150200	Llano River trib. near London, Texas	30°38'22"	99°35'52"	267	.58	--	1966	1973	8
08150700	Llano River near Mason, Texas	30°39'38"	99°06'32"	319	3,247	3,242	1968	1993	26

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08150800	Beaver Creek near Mason, Texas	30°38'36"	99°05'44"	319	215	--	1964	1993	30
08150900	Stone Creek trib. near Art, Texas	30°44'17"	99°03'29"	319	.4	--	1966	1974	9
08151000	Llano River near Castell, Texas	30°43'00"	98°53'00"	299	3,747	3,742	1925	1939	15
08151300	Johnson Creek near Valley, Texas	30°51'38"	98°49'52"	299	5.66	--	1967	1974	8
08151500	Llano River at Llano, Texas	30°45'04"	98°40'10"	299	4,197	4,192	1940	1993	54
08152000	Sandy Creek near Kingsland, Texas	30°33'30"	98°28'19"	299	346	--	1967	1993	27
08152700	Little Flatrock Creek near Marble Falls, Texas	30°30'52"	98°18'44"	53	3.2	--	1967	1974	8
08152800	Spring Creek near Fredericksburg, Texas	30°18'09"	99°03'23"	171	15.2	--	1967	1974	8
08152900	Pedernales River near Fredericksburg, Texas	30°13'13"	98°52'10"	171	369	--	1979	1993	15
08153000	Pedernales River at Stonewall, Texas	30°15'00"	98°40'00"	171	647	--	1925	1934	10
08153100	Cane Branch at Stonewall, Texas	30°14'07"	98°39'21"	171	1.37	--	1966	1974	9
08153500	Pedernales River near Johnson City, Texas	30°17'30"	98°23'57"	31	901	--	1940	1993	54
08154000	Pedernales River near Spicewood, Texas	30°25'15"	98°04'50"	453	1,294	--	1925	1939	15
08154700	Bull Creek at Loop 360 near Austin, Texas	30°22'19"	97°47'04"	453	22.3	--	1979	1993	15
08155200	Barton Creek at SH 71 near Oak Hill, Texas	30°17'46"	97°55'31"	453	89.7	--	1976	1993	12
08155300	Barton Creek at Loop 360 at Austin, Texas	30°14'40"	97°48'07"	453	116	--	1976	1993	18
08158000	Colorado River at Austin, Texas	30°14'40"	97°41'39"	453	39,009	27,606	1899	1937	39
08158700	Onion Creek near Driftwood, Texas	30°04'59"	98°00'29"	209	124	--	1980	1993	14
08158810	Bear Creek below FM 1826 near Driftwood, Texas	30°09'19"	97°56'23"	209	12.2	--	1979	1993	15
08158840	Slaughter Creek at FM 1826 near Austin, Texas	30°12'32"	97°54'11"	453	8.24	--	1978	1993	16
08158900	Fox Branch near Oak Hill, Texas	30°14'01"	97°52'29"	453	.18	--	1966	1974	9
08159150	Wilbarger Creek near Pflugerville, Texas	30°27'16"	97°36'02"	453	4.61	--	1964	1980	17
08159450	Reeds Creek near Bastrop, Texas	30°00'26"	97°15'03"	21	5.22	--	1965	1974	10
08160000	Dry Creek at Buescher Lake near Smithville, Texas	30°02'32"	97°09'34"	21	1.48	--	1940	1966	26
08160800	Redgate Creek near Columbus, Texas	29°47'56"	96°31'55"	89	17.3	--	1962	1993	32
08161000	Colorado River at Columbus, Texas	29°42'22"	96°32'12"	89	41,640	30,237	1916	1936	21
08161580	Dry Branch trib. near Altair, Texas	29°34'39"	96°28'16"	89	.68	--	1967	1974	8
08162600	Tres Palacios River near Midfield, Texas	28°55'40"	96°10'15"	321	145	--	1971	1993	23
08163500	Lavaca River at Hallettsville, Texas	29°26'35"	96°56'39"	285	108	--	1940	1993	54
08164000	Lavaca River near Edna, Texas	28°57'35"	96°41'10"	239	817	--	1939	1993	55
08164300	Navidad River near Hallettsville, Texas	29°28'00"	96°48'45"	285	332	--	1962	1993	32
08164350	Navidad River near Speaks, Texas	29°19'18"	96°42'32"	285	437	--	1982	1989	8

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08164450	Sandy Creek near Louise, Texas	29°09'34"	96°32'47"	239	289	--	1980	1993	14
08164500	Navidad River near Ganado, Texas	29°01'32"	96°33'08"	239	826	--	1939	1980	42
08164503	West Mustang Creek near Ganado, Texas	29°04'17"	96°28'01"	239	178	--	1980	1993	14
08164600	Garcitas Creek near Inez, Texas	28°53'28"	96°49'08"	469	91.7	--	1971	1993	23
08164800	Placedo Creek near Placedo, Texas	28°43'30"	96°46'07"	469	68.3	--	1971	1993	22
08165300	North Fork Guadalupe River near Hunt, Texas	30°03'36"	99°23'40"	265	168	--	1968	1993	25
08165500	Guadalupe River at Hunt, Texas	30°04'08"	99°19'23"	265	288	--	1966	1993	28
08166000	Johnson Creek near Ingram, Texas	30°06'00"	99°16'58"	265	114	--	1942	1993	50
08166200	Guadalupe River at Kerrville, Texas	30°03'09"	99°09'54"	265	510	--	1986	1993	8
08166300	Turtle Creek trib. near Kerrville, Texas	29°58'11"	99°11'02"	265	.46	--	1966	1974	9
08167000	Guadalupe River at Comfort, Texas	29°58'10"	98°53'33"	259	839	--	1922	1993	64
08167500	Guadalupe River near Spring Branch, Texas	29°51'38"	98°22'58"	91	1,315	--	1923	1993	71
08167600	Rebecca Creek near Spring Branch, Texas	29°55'06"	98°22'10"	91	10.9	--	1960	1973	14
08168500	Guadalupe River above Comal River at New Braunfels, Texas	29°42'53"	98°06'35"	91	1,518	--	1928	1962	35
08168720	Trough Creek near New Braunfels, Texas	29°46'20"	98°15'58"	91	.48	--	1966	1974	9
08168750	West Prong Dry Comal Creek trib. near New Braunfels, Texas	29°42'48"	98°17'26"	91	.32	--	1966	1974	9
08169500	Guadalupe River at New Braunfels, Texas	29°41'52"	98°06'23"	91	1,652	--	1915	1927	13
08169750	Walnut Branch near Seguin, Texas	29°34'47"	97°58'46"	187	5.46	--	1967	1974	8
08169850	East Pecan Branch near Gonzales, Texas	29°29'58"	97°31'36"	177	.24	--	1966	1974	9
08171000	Blanco River at Wimberley, Texas	29°59'39"	98°05'19"	209	355	--	1925	1993	66
08171300	Blanco River near Kyle, Texas	29°58'45"	97°54'35"	209	412	--	1957	1993	37
08172000	San Marcos River at Luling, Texas	29°39'54"	97°38'59"	55	838	--	1940	1993	54
08172100	West Elm Creek near Niederwald, Texas	29°59'04"	97°44'39"	55	.44	--	1966	1974	9
08173000	Plum Creek near Luling, Texas	29°41'58"	97°36'12"	55	309	--	1930	1963	34
08173500	San Marcos River at Ottine, Texas	29°35'36"	97°35'22"	177	1,249	--	1916	1943	28
08174600	Peach Creek below Dilworth, Texas	29°28'26"	97°18'59"	177	460	--	1960	1979	20
08175000	Sandies Creek near Westhoff, Texas	29°12'54"	97°26'57"	123	549	--	1931	1993	38
08176000	Guadalupe River below Cuero, Texas	29°03'05"	97°15'52"	123	4,923	--	1917	1935	19

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08176200	Irish Creek near Cuero, Texas	29°08'02"	97°12'10"	123	15.5	--	1967	1974	8
08176500	Guadalupe River at Victoria, Texas	28°47'34"	97°00'46"	469	5,198	--	1935	1961	27
08176600	Threemile near Cuero, Texas	29°02'00"	97°20'52"	123	.48	--	1966	1974	9
08176900	Coleto Creek at Arnold Rd. near Schroeder, Texas	28°51'41"	97°13'34"	175	357	--	1980	1993	14
08177000	Coleto Creek near Schroeder, Texas	28°49'53"	97°11'10"	469	369	--	1930	1979	31
08177300	Perdido Creek at FM 622 near Fannin, Texas	28°45'05"	97°19'01"	175	28	--	1979	1993	15
08177500	Coleto Creek near Victoria, Texas	28°43'51"	97°08'18"	469	514	--	1939	1980	19
08178500	San Pedro Creek at Furnish St. at San Antonio, Texas	29°24'22"	98°30'38"	29	2.64	--	1916	1929	14
08178600	Panther Springs Creek at FM 2696 near San Antonio, Texas	29°37'31"	98°31'06"	29	9.54	--	1969	1977	9
08178640	West Elm Creek at San Antonio, Texas	29°37'23"	98°26'29"	29	2.45	--	1976	1988	13
08178736	Salado Creek trib. at Bee Street at San Antonio, Texas	29°26'37"	98°27'13"	29	.45	--	1970	1977	8
08178880	Medina River at Bandera, Texas	29°43'26"	99°04'13"	19	427	--	1983	1993	11
08179000	Medina River near Pipe Creek, Texas	29°40'31"	98°58'33"	19	474	--	1923	1982	42
08179100	Red Bluff Creek near Pipe Creek, Texas	29°40'51"	98°57'19"	19	56.3	--	1957	1981	25
08179200	Medina River trib. near Pipe Creek, Texas	29°38'20"	98°56'18"	19	.3	--	1967	1974	8
08181000	Leon Creek trib. at FM 1604 at San Antonio, Texas	29°35'14"	98°37'40"	29	5.57	--	1969	1980	12
08181200	French Creek trib. near Helotes, Texas	29°33'43"	98°39'26"	29	1.08	--	1966	1974	9
08181400	Helotes Creek at Helotes, Texas	29°34'42"	98°41'29"	29	15	--	1969	1993	25
08182400	Calaveras Creek Subwatershed No. 6 near Elmendorf, Texas	29°22'49"	98°17'33"	29	7.01	--	1957	1977	21
08183900	Cibolo Creek near Boerne, Texas	29°46'26"	98°41'50"	259	68.4	--	1963	1977	15
08184000	Cibolo Creek near Bulverde, Texas	29°43'33"	98°25'37"	91	198	--	1946	1965	20
08185000	Cibolo Creek at Selma, Texas	29°35'38"	98°18'39"	29	274	--	1946	1980	35
08186000	Cibolo Creek near Falls City, Texas	29°00'50"	97°55'48"	255	827	--	1931	1993	63
08186500	Ecleto Creek near Runge, Texas	28°55'12"	97°46'19"	255	239	--	1962	1989	28
08187000	Escondido Creek Subwatershed No. 1 near Kenedy, Texas	28°46'41"	97°53'41"	255	3.29	--	1955	1973	19
08187900	Escondido Creek Subwatershed No. 11 near Kenedy, Texas	28°51'39"	97°50'39"	255	8.43	--	1958	1977	20
08188400	Baugh Creek at Goliad, Texas	28°39'50"	97°25'05"	175	3.02	--	1966	1974	9
08189200	Copano Creek near Refugio, Texas	28°18'12"	97°06'44"	391	87.8	--	1971	1993	23
08189300	Medio Creek near Beeville, Texas	28°28'58"	97°39'23"	25	204	--	1962	1977	16
08189500	Mission River at Refugio, Texas	28°17'30"	97°16'44"	391	690	--	1940	1993	54
08189600	Olmos Creek trib. near Skidmore, Texas	28°15'27"	97°44'15"	25	.58	--	1966	1973	8
08189700	Aransas River near Skidmore, Texas	28°16'56"	97°37'14"	25	247	--	1964	1993	30

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08189800	Chiltipin Creek at Sinton, Texas	28°02'48"	97°30'13"	409	128	--	1971	1991	21
08190000	Nueces River at Laguna, Texas	29°25'42"	99°59'49"	463	737	--	1923	1993	71
08190500	West Nueces River near Brackettville, Texas	29°28'21"	100°14'10"	271	694	--	1940	1993	48
08192000	Nueces River below Uvalde, Texas	29°07'25"	99°53'40"	463	1,861	--	1928	1993	66
08192500	Nueces River near Cinonia, Texas	28°47'00"	99°50'00"	507	2,150	--	1915	1924	8
08193000	Nueces River near Asherton, Texas	28°30'00"	99°40'54"	127	4,082	--	1940	1993	54
08194000	Nueces River at Cotulla, Texas	28°25'34"	99°14'23"	283	5,171	--	1924	1993	70
08194200	San Casimiro Creek near Freer, Texas	27°57'53"	98°58'00"	479	469	--	1962	1993	32
08194500	Nueces River near Tilden, Texas	28°18'31"	98°33'25"	311	8,093	--	1942	1993	52
08194550	Plant Creek near Tilden, Texas	28°24'15"	98°33'11"	311	.36	--	1966	1974	9
08194600	Nueces River at Simmons, Texas	28°25'16"	98°17'03"	297	8,561	--	1965	1977	13
08195000	Frio River at Concan, Texas	29°29'18"	99°42'16"	463	389	--	1923	1993	68
08196000	Dry Frio River near Reagan Wells, Texas	29°30'16"	99°46'52"	463	126	--	1953	1993	41
08197500	Frio River below Dry Frio River near Uvalde, Texas	29°14'44"	99°40'27"	463	631	--	1952	1993	42
08198000	Sabinal River near Sabinal, Texas	29°29'35"	99°29'49"	463	206	--	1943	1993	51
08198500	Sabinal River at Sabinal, Texas	29°18'47"	99°28'46"	463	241	--	1953	1993	41
08198900	East Elm Creek near Sabinal, Texas	29°18'49"	99°23'58"	325	10.6	--	1967	1974	8
08200000	Hondo Creek near Tarpley, Texas	29°34'10"	99°14'47"	325	95.6	--	1953	1993	41
08200500	Hondo Creek near Hondo, Texas	29°27'05"	99°11'07"	325	132	--	1953	1964	12
08200700	Hondo Creek at King Waterhole near Hondo, Texas	29°23'26"	99°09'04"	325	149	--	1961	1993	33
08200900	Bone Creek near Hondo, Texas	29°33'17"	99°06'12"	325	.19	--	1966	1974	9
08201500	Seco Creek at Miller Ranch near Utopia, Texas	29°34'23"	99°24'10"	325	45	--	1962	1993	32
08202000	Seco Creek near Utopia, Texas	29°33'01"	99°24'22"	325	53.2	--	1953	1961	9
08202500	Seco Creek near D'Hanis, Texas	29°29'20"	99°23'16"	325	87.4	--	1953	1964	12
08202700	Seco Creek at Rowe Ranch near D'Hanis, Texas	29°21'43"	99°17'05"	325	168	--	1961	1993	33
08203500	Leona River trib. near Uvalde, Texas	29°17'30"	99°45'31"	463	1.21	--	1966	1974	9
08205500	Frio River near Derby, Texas	28°44'11"	99°08'40"	163	3,429	--	1916	1993	78
08206600	Frio River at Tilden, Texas	28°28'02"	98°32'50"	311	4,493	--	1980	1993	14

Footnote at end of table.

Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08206700	San Miguel Creek near Tilden, Texas	28°35'14"	98°32'44"	311	783	--	1964	1993	30
08207000	Frio River at Calliham, Texas	28°29'31"	98°20'47"	311	5,491	--	1925	1981	52
08207200	Rutledge Hollow Creek at Poteet, Texas	29°02'35"	98°34'22"	13	9.33	--	1967	1974	8
08208000	Atascosa River at Whitsett, Texas	28°37'18"	98°17'02"	297	1,171	--	1925	1993	63
08210000	Nueces River near Three Rivers, Texas	28°25'38"	98°10'40"	297	15,427	--	1915	1986	71
08210400	Lagarto Creek near George West, Texas	28°03'34"	98°05'48"	297	155	--	1971	1989	18
08211520	Oso Creek at Corpus Christi, Texas	27°42'40"	97°30'06"	355	90.3	--	1973	1993	21
08211550	Pintas Creek trib. near Banquete, Texas	27°42'36"	97°49'57"	355	3.28	--	1966	1974	9
08212400	Los Olmos Creek near Falfurrias, Texas	27°15'51"	98°08'08"	47	480	476	1967	1983	17
08365800	Government ditch at El Paso, Texas	31°47'02"	106°26'41"	141	6.4	--	1958	1977	20
08370200	Camp Rice Arroyo trib. near Fort Hancock, Texas	31°17'51"	105°48'52"	229	2.35	--	1966	1974	9
08370800	Wildhorse Creek trib. near Van Horn, Texas	31°02'55"	104°40'13"	109	.74	--	1966	1973	8
08374000	Alamito Creek near Presidio, Texas	29°31'15"	104°17'40"	377	1,504	--	1932	1983	52
08374500	Terlingua Creek near Terlingua, Texas	29°12'00"	103°36'15"	43	1,070	--	1932	1983	52
08376300	Sanderson Canyon at Sanderson, Texas	30°07'46"	102°23'06"	443	195	--	1969	1980	12
08377500	Rio Grande at Langtry, Texas	29°48'00"	101°34'00"	465	81,429	--	1928	1967	40
08377600	Rio Grande trib. near Langtry, Texas	29°48'17"	101°29'01"	465	.32	--	1966	1974	9
08407800	Delaware River trib. near Orla, Texas	31°55'46"	104°28'52"	389	38	--	1966	1974	9
08411500	Salt Screwbean Draw near Orla, Texas	31°52'40"	103°56'50"	389	464	--	1944	1957	14
08424500	Madera Canyon near Toyahvale, Texas	30°52'04"	103°58'09"	243	53.8	--	1932	1949	18
08431700	Limpia Creek above Fort Davis, Texas	30°36'48"	104°00'04"	243	52.4	--	1966	1985	20
08431800	Limpia Creek below Fort Davis, Texas	30°40'52"	103°47'30"	243	227	--	1962	1977	16
08434000	Toyah Creek below Toyah Lake near Pecos, Texas	31°21'00"	103°24'00"	389	3,709	--	1940	1951	12
08435700	Sunny Glen Canyon near Alpine, Texas	30°22'52"	103°44'08"	43	29.7	--	1969	1977	9
08435800	Coyanosa Draw near Fort Stockton, Texas	31°02'27"	103°08'15"	371	1,182	--	1964	1977	14
08436800	Courtney Creek trib. near Fort Stockton, Texas	31°00'28"	103°04'20"	371	1.14	--	1966	1974	9
08444400	Three Mile Mesa Creek near Fort Stockton, Texas	30°50'16"	102°50'26"	371	1.04	--	1965	1974	10
08447020	Independence Creek near Sheffield, Texas	30°27'07"	101°43'58"	443	763	--	1974	1984	11
08447200	Howards Creek trib. near Ozuna, Texas	30°41'18"	101°20'51"	105	7.53	--	1967	1974	8
08447400	Pecos River near Shumla, Texas	29°50'00"	101°23'00"	465	35,162	--	1900	1966	67
08449000	Devils River near Juno, Texas	29°57'48"	101°08'42"	465	2,730	--	1925	1973	35
08449400	Devils River at Pafford Crossing near Comstock, Texas	29°40'35"	101°00'00"	465	3,961	--	1961	1976	16

Footnote at end of table.

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Table 5. Selected characteristics for stations with at least 8 years of annual peak-streamflow data from unregulated, natural basins in Texas—Continued

Station no.	Abbreviated station name	Latitude	Longitude	County code	Total drainage area (mi^2)	Contrib. drainage area (mi^2)	Period of record		Years of peak data
							Begin year	End year[1]	
08449470	Rough Canyon trib. near Del Rio, Texas	29°35'50"	100°51'51"	465	7.9	--	1967	1974	8
08449500	Devils River near Del Rio, Texas	29°29'00"	101°00'00"	465	4,185	--	1900	1956	32
08449600	Evans Creek trib. near Del Rio, Texas	29°33'00"	101°04'58"	465	.39	--	1966	1974	9
08450500	Devils River near mouth at Del Rio, Texas	29°28'10"	101°03'25"	465	4,305	--	1955	1967	13
08450900	Rio Grande below Amistad Dam near Del Rio, Texas	29°25'00"	101°02'00"	465	123,143	--	1954	1968	15
08452500	Rio Grande near Del Rio, Texas	29°20'00"	100°56'00"	465	123,303	--	1901	1968	50
08453000	San Felipe Creek near Del Rio, Texas	29°19'55"	100°53'20"	465	46	--	1932	1960	29
08453100	Zorro Creek near Del Rio, Texas	29°19'52"	100°49'54"	465	10	--	1966	1974	9
08454900	East Perdido Creek near Brackettville, Texas	29°20'50"	100°34'32"	271	3.39	--	1966	1974	9
08455000	Pinto Creek near Del Rio, Texas	29°08'45"	100°43'05"	323	249	--	1930	1983	53
08458000	Rio Grande at Eagle Pass, Texas	29°42'50"	100°30'25"	323	127,312	--	1899	1968	43
08458700	Rio Grande at San Antonio Crossing, Texas	28°21'00"	100°18'00"	323	129,226	--	1954	1968	15
08459000	Rio Grande at Laredo, Texas	27°29'45"	99°29'25"	479	132,578	--	1899	1968	20
08459600	Arroyo San Bartolo at Zapata, Texas	26°55'39"	99°17'20"	505	.61	--	1966	1974	9
08460500	Rio Grande near Zapata, Texas	26°52'00"	99°18'00"	505	163,344	--	1932	1952	21
08464700	Rio Grande at Fort Ringgold in Rio Grande City, Texas	26°22'05"	98°48'20"	427	174,362	--	1915	1954	10
08466100	Rio Grande trib. near Rio Grande City, Texas	26°18'58"	98°39'45"	427	1.2	--	1966	1974	9
08466200	Rio Grande trib. near Sullivan City, Texas	26°17'12"	98°35'16"	427	.4	--	1966	1974	9

[1] Year for which collection of peak discharge data from unregulated, natural basins was discontinued. Peaks for some years within the period of record might be regulated. This date might not be year when station was discontinued.