

# DRAINAGE AREAS OF TEXAS STREAMS COLORADO RIVER BASIN

LP-145

COOPERATORS: U. S. GEOLOGICAL SURVEY

TEXAS DEPARTMENT OF WATER RESOURCES

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bу

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This report was prepared under cooperative agreement between the U.S. Geological Survey and the Texas Department of Water Resources

Texas Department of Water Resources

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## METRIC CONVERSIONS

For readers interested in using the metric system, the inch-pound units used in this report may be converted to metric units by the following factors:

| From        | Multiply by | <u>To obtain</u> |
|-------------|-------------|------------------|
| inch        | 2.54        | centimeter       |
| mile        | 1.609       | kilometer        |
| square mile | 2.590       | square kilometer |

#### DRAINAGE AREAS OF TEXAS STREAMS

#### COLORADO RIVER BASIN

Ву

F. H. Tovar and B. N. Maldonado U.S. Geological Survey

#### INTRODUCTION

In 1951, the Federal Inter-Agency River Basin Committee, Subcommittee on Hydrology, designated the U.S. Army Corps of Engineers as the coordinating agency for the determination of drainage areas in the Arkansas and Red River basins. The U.S. Geological Survey was designated as the coordinating agency for all other river basins in Texas (fig. 1). In 1979, the U.S. Geological Survey also assumed coordinating responsibility for determination of drainage areas in the Arkansas and Red River basins.

## Purpose and Scope of This Report

Data on the drainage areas of Texas streams are being appropriately compiled in cooperation with the Texas Department of Water Resources so that information of uniform accuracy and reliability will be available for hydraulic, hydrologic, or general engineering use. Only recently has large-scale topographic-map coverage of the Colorado River basin been completed. The mapping was largely financed through a cooperative program between the Texas Department of Water Resources and the U.S. Geological Survey. This report gives the drainage areas as determined by measurements at 429 points within the Colorado River basin. These data are tabulated in table 1, which gives the latitude and longitude of the points of determination, the drainage area in square miles above each point, and the distance in miles from the point to the mouth of the stream.

## Previous Reports

Previous reports on the drainage area of Texas streams have been published as follows:

| Texas Water Commission, 1962, Drainage areas of Texas streams, Sabine Rive  |
|---|
| basin and Sabine-Neches coastal area: Circular No. 62-02.                   |
| 1962, Drainage areas of Texas streams, Neches River basin and Neches        |
| Trinity coastal area: Circular No. 62-03.                                   |
| 1962, Drainage areas of Texas streams, San Jacinto River basin and Sa       |
| Jacinto-Brazos coastal area: Circular No. 62-05.                            |
| 1963, Drainage areas of Texas streams, Trinity River basin and Trinity-Sa   |
| Jacinto coastal area: Circular No. 63-01.                                   |
| 1963, Drainage areas of Texas streams, San Antonio River basin: Circula     |
| No. 63-07.  |
| 1965, Drainage areas of Texas streams, coastal areas between the Brazo      |
| River and the Rio Grande: Circular No. 65-01.                               |
| U.S. Army Corps of Engineers, 1954, Drainage-area data, Arkansas, White, an |

Red River basins.

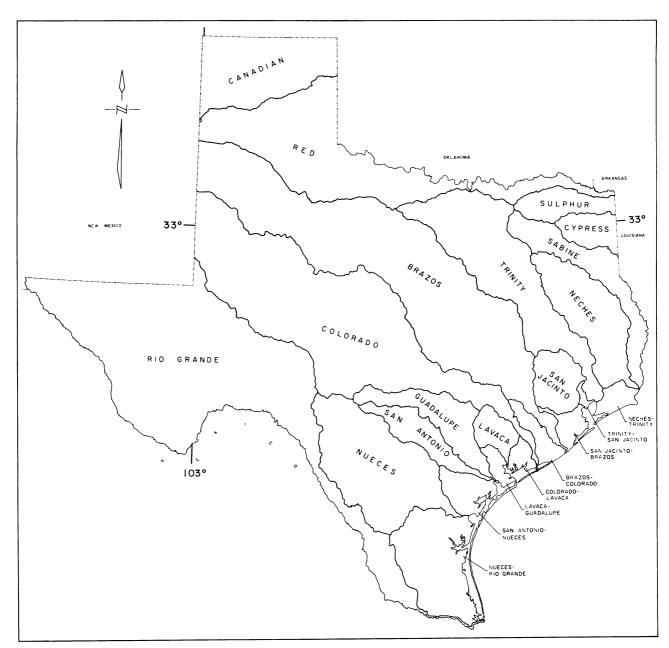


FIGURE 1.--State designated river basins and coastal basins in Texas

U.S. Geological Survey, 1973, Drainage area of Texas streams, Lavaca River basin: U.S. Geological Survey open-file report.

1974, Drainage area of Texas streams, Guadalupe River basin: U.S. Geological Survey open-file report.

1977, Drainage area of Texas streams, Brazos River basin: U.S. Geological Survey open-file report.

## <u>Concepts of Drainage Areas</u>

The drainage area of a stream at a specified location is defined as an area, measured in a horizontal plane, that is enclosed by a topographic divide so that direct surface runoff from precipitation normally drains by gravity into the river basin above the specified point (U.S. Geological Survey, 1960).

The concept of noncontributing areas is not susceptible to precise definition because individual judgment must be used in determining what part of an area is totally noncontributing and what part may contribute runoff under certain conditions. In this report, a noncontributing area is defined as an area that contributes no direct surface runoff to the point of measurement. Runoff may occur within the noncontributing area, but this runoff drains to natural surface depressions and does not flow directly to a contributing stream.

## Description of the Basin

The western divide of the Colorado River basin is about 80 miles west of the New Mexico-Texas State line (fig. 2). The main stem of the Colorado River heads near the rim of the High Plains Escarpment.

The data in table 1 indicate the large areas on the High Plains that are characterized by playas and other natural depressions that do not contribute runoff to the defined stream systems. Below the High Plains Escarpment, the basin is characterized by rolling hills. The lower part of the basin is within the Gulf Coastal Plain. Average annual rainfall varies from about 10 inches in the upper part of the basin to about 45 inches at the mouth at the Gulf of Mexico.

The principal tributaries of the Colorado River are: Tobacco Creek, Beals Creek, Concho River, Pecan Bayou, San Saba River, Pedernales River, and Llano River.

#### METHODS OF DRAINAGE-AREA DETERMINATIONS

Drainage areas are determined at sites of existing and discontinued continuous-record gaging stations and partial-record gaging stations as appropriate, at sites of existing and proposed or considered major dams, at miscellaneous sites where the peak discharge for unusual floods was determined, and at the mouths of significant tributaries.

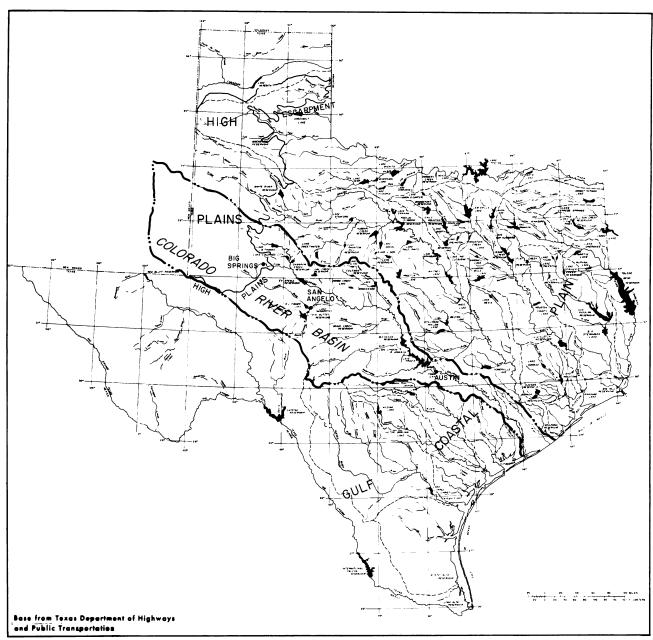


FIGURE 2.-Major streams and tributaries in the Colorado River basin

Drainage boundaries were delineated on U.S. Geological Survey topographic maps, most of which were at a scale of 1:24,000. The Texas Department of Water Resources reviewed the boundary as drawn between the Colorado River and the Rio Grande basins.

An index map of the area (not included in this report) was prepared to show the relative position of the different maps used. To insure accurate determinations, the maps were checked for gaps or overlaps between adjacent sheets, for continuity of topographic or cultural detail between adjacent sheets, and for agreement of latitude and longitude at the borders of adjacent maps.

All areas and subareas within a quadrilateral, which comprise the area bounded by latitude and longitude within a quadrangle, were measured with a digitizer. Actual areas within a quadrilateral have been computed accurately (Federal Inter-Agency River Basin Committee, 1951, and U.S. Geological Survey, 1924), providing an exact check between the total area digitized and the actual area within each quadrilateral.

Drainage areas are given in table 1 in square miles. Although areas are measured to the nearest hundredth of a square mile, the values are rounded to the nearest square mile for areas of more than 100 square miles, to tenths of a square mile for areas from 10 to 100 square miles, and to hundredths of a square mile for areas of less than 10 square miles.

#### METHODS OF RIVER-MILE DETERMINATION

River mileages on the main stem and major tributaries were obtained from the U.S. Army Corps of Engineers (1969) where available. New mileages were compiled from the U.S. Geological Survey maps by using the procedures described by the Hydrology Committee of the Water Resources Council (Water Resources Council, 1968).

Mileages were measured with an electronic digitizer. The accuracy of measurements given in this report are adequate for general purposes, such as measuring river lengths or identifying points along a stream. The accuracy may not be accurate enough for detailed engineering studies in which precise measurements are required.

#### TABULATION OF DATA

The points at which drainage areas were determined (table 1) are tabulated in downstream order along the main stem. A tributary that enters between two main-stem points is tabulated between these two points. A similar order is followed on all tributaries.

A tabulation includes: (1) The name of the stream; (2) a description of the point of determination, including latitude and longitude; (3) the drainage area above the point, or in the case of a dam, above a plane through the axis of the dam; and (4) the river mile of the point of determination.

Redeterminations of drainage areas were made for several sites at which the peak discharge for an unusual flood had been determined. Most of these drainage-area values as originally determined and published by the Texas Board of Water Engineers (1959), were necessarily from the very poor maps available at the time. The importance of unit values of peak runoff in hydrologic studies warranted these redeterminations.

### REFERENCES CITED

- Federal Inter-Agency River Basin Committee, 1951, Inter-agency coordination of drainage-area data: Subcommittee on Hydrology, Notes on Hydrologic Activities, Bulletin No. 4, 48 p.
- Texas Board of Water Engineers, 1959, Summary of peak flood flow measurements and other measurements of stream discharge in Texas at points other than gaging stations: Bulletin 5807C, 255 p., 4 pls.
- U.S. Army Corps of Engineers, 1969, Colorado River basin, Texas, river mileages: Fort Worth District, 32 p.
- U.S. Geological Survey, 1924, Geographic tables and formulas: U.S. Geological Survey Bulletin 650, 4th edition, 424 p.
- \_\_\_\_\_1960, General introduction and hydrologic definitions, manual of hydrology; Part 1. General surface-water techniques: U.S. Geological Survey Water-Supply Paper 1541-A, p. 8.
- Water Resources Council, 1968, River mileage measurement: Hydrology Committee Bulletin No. 14, 17 p.

TABLE 1.--Drainage-area data for the Colorado River basin

| Name of stream                             | Point of determination   |                         | Drainage area above point (square miles) |             |
|--|--|-------------------------|--|-------------|
|  |  | Noncontributing         | Contributing                             | above mouth |
| Colorado River                             | Above mouth of Gold Creek<br>lat 32°38'34", long 101°40'23"  | 1.28                    | 9.01                                     | 865.2       |
| Gold Creek                                 | At mouth lat 32°38'34", long 101°40'23"  | 187                     | 12.0                                     | 0           |
| Colorado River                             | Below mouth of Gold Creek<br>lat 32°38'34", long 101°40'23"  | 188                     | 21.0                                     | 865.2       |
| Colorado River                             | Above mouth of Tobacco Creek<br>lat 32°38'58", long 101°31'05"   | 188                     | 51.3                                     | 850.0       |
| Tobacco Creek                              | At mouth lat 32°38'58", long 101°31'05"  | 2,141                   | 197                                      | 0           |
| Colorado River                             | Below mouth of Tobacco Creek<br>lat 32°38'58", long 101°31'05"   | 2,329                   | 248                                      | 0           |
| Bull Creek                                 | At Diversion Dam near Knapp, TX a/<br>lat 32°37'18", long 101°10'23"   | 38                      | 417                                      | 13.0        |
| Colorado River                             | USGS gage 08118000 at Colorado River Dam<br>(Lake J. B. Thomas) near Vincent, TX<br>lat 32°34'57", long 101°08'09" | 2,371                   | 1,018                                    | 837.0       |
| Colorado River                             | Above mouth of Bull Creek<br>lat 32°34'57", long 101°05'40"  | 2,371                   | 1,026                                    | 831.8       |
| Bull Creek                                 | USGS gage 08118500 near Ira, TX<br>lat 32°36'02", long 101°05'38"  | 0                       | <u>b</u> / <sub>26.3</sub>               | 2.0         |
| Bull Creek                                 | At mouth lat 32°34'57", long 101°05'40"  | 0                       | <u>b</u> / <sub>28.7</sub>               | 0           |
| Colorado River                             | Below mouth of Bull Creek lat 32°34'57", long 101°05'40"   | 2,371                   | 1,055                                    | 831.8       |
| Colorado River                             | USGS gage 08118600 below Bull Creek near Ira, TX lat 32°34'57", long 101°05'40"                                    | 2,371                   | 1,055                                    | 831.8       |
| Colorado River                             | Above mouth of Bluff Creek<br>lat 32°34'18", long 101°03'20"   | 2,371                   | 1,059                                    | 828.8       |
| Bluff Creek                                | USGS gage 08119000 near Ira, TX<br>lat 32°35'29", long 101°03'02"  | 0                       | 42.6                                     | 1.8         |
| Bluff Creek                                | USGS gage 08119100 at mouth near Ira, TX lat 32°34'20", long 101°03'21"  | 0                       | 44.1                                     | 0           |
| Colorado River                             | Below mouth of Bluff Creek<br>lat 32°34'18", long 101°03'20"   | 2,371                   | 1,103                                    | 828.8       |
| Colorado River                             | USGS gage 08119500 near Ira, TX<br>lat 32°32'18", long 101°03'12"  | 2,371                   | 1,112                                    | 826.3       |
| Colorado River                             | Above mouth of Willow Creek<br>lat 32°30'42", long 101°01'44"  | 2,371                   | 1,118                                    | 824.0       |
| Willow Creek                               | At mouth lat 32°30'42", long 101°01'44"  | 0                       | 94.7                                     | 0           |
| Colorado River                             | Below mouth of Willow Creek<br>lat 32°30'42", long 101°01'44"  | 2,371                   | 1,213                                    | 824.0       |
| Colorado River                             | Above mouth of Deep Creek<br>lat 32°30'50", long 100°54'42"  | 2,371                   | 1,288                                    | 814.3       |
| Deep Creek                                 | Peak discharge site near Dermott, TX lat 32°47'46", long 100°59'41"  | 0                       | 44.5                                     | 22.1        |
| Deep Creek                                 | Peak discharge site No. 3 in TBWE Bull. 5807C lat 32°42'16", long 100°54'40"                                       | 0                       | 130                                      | 21.7        |
| Deep Creek                                 | USGS gage 08120500 near Dunn, TX<br>lat 32°34'25", long 100°54'27"   | 10                      | 188                                      | 9.6         |
| Deep Creek                                 | At mouth lat 32°30'50", long 100°54'42"  | 10                      | 228                                      | 0           |
| $\underline{a}$ / Since December 1953, all | flow in Bull Creek except part of extreme high floods is div   | erted into Lake J. B. T | l<br>nomas.                              |             |

<sup>- 9 -</sup>

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream | Point of determination  | Drainage area (square      |              | River miles |
|----------------|---|----------------------------|--------------|-------------|
|                |   | Noncontributing Contributi | Contributing | above mouth |
| Colorado River | Below mouth of Deep Creek<br>lat 32°30'50", long 100°54'42"   | 2,381                      | 1,516        | 814.3       |
| Colorado River | USGS gage 08120700 near Cuthbert, TX lat 32°28'38", long 100°56'58"   | 2,381                      | 1,531        | 810.0       |
| Colorado River | Peak discharge site No. 6 in TBWE Bull. 5807C lat 32°24'39", long 100°54'08"  | 2,381                      | 1,579        | 798.5       |
| Colorado River | USGS gage 08121000 at Colorado City, TX lat 32°23'33", long 100°52'42"  | 2,381                      | 1,585        | 796.3       |
| Colorado River | USGS discontinued gage 08121100 at Colorado City, TX lat 32°23'05", long 100°51'53"   | 2,381                      | 1,587        | 794.9       |
| Colorado River | Peak discharge site No. 7 in TBWE Bull. 5807C lat 32°18'37", long 100°54'56"  | 2,381                      | 1,645        | 788.1       |
| Colorado River | Above mouth of Morgan Creek<br>lat 32°18'37", long 100°54'56"   | 2,381                      | 1,648        | 786.4       |
| Morgan Creek   | USGS discontinued gage 08121500 near Westbrook, TX lat 32°23'42", long 101°01'32"   | 42.7                       | 230          | 15.3        |
| Graze Creek    | USGS discontinued gage 08122000 near Westbrook, TX lat 32°24'59", long 100°01'06"   | 0                          | 21.1         | 1.2         |
| Morgan Creek   | USGS discontinued gage 08122500 near Colorado City, TX lat 32°23'17", long 100°56'59"   | 42.7                       | 270          | 7.5         |
| Morgan Creek   | USGS gage 08123000 at Colorado City Dam<br>(Lake Colorado City) near Colorado City, TX<br>lat 32°20'41", long 100°55'10"        | 42.7                       | 302          | 0.70        |
| Morgan Creek   | At mouth<br>1at 32°18'37", long 100°54'56"  | 42.7                       | 303          | 0           |
| Colorado River | Below mouth of Morgan Creek<br>lat 32°18'37", long 100°54'56"   | 2,424                      | 1,951        | 786.4       |
| Colorado River | Above mouth of Champion Creek<br>lat 32°16'45", long 100°52'20"   | 2,424                      | 1,971        | 780.8       |
| Champion Creek | USGS discontinued gage 08123500 near Colorado City, TX  | 20.8                       | 177          | 5.8         |
| Champion Creek | USGS gage 08123600 at Champion Creek Dam<br>(Champion Creek Reservoir) near Colorado City, TX<br>lat 32°16'53", long 100°51'30" | 20.8                       | 186          | 1.0         |
| Champion Creek | At mouth lat 32°16'45", long 100°52'20"   | 20.8                       | 187          | О           |
| Colorado River | Below mouth of Champion Creek<br>lat 32°16'45", long 100°52'30"   | 2,445                      | 2,158        | 780.8       |
| Colorado River | Above mouth of Beals Creek<br>lat 32°10'47", long 100°51'15"  | 2,446                      | 2,253        | 769.8       |
| Beals Creek:   |   |                            |              |             |
| Mustang Draw:  |   |                            |              |             |
| Seminole Draw  | Above mouth of Wardswell Draw<br>lat 32°39'18", long 102°34'35"   | 524                        | 155          | 36.1        |
| Wardswell Draw | At mouth lat 32°39'18", long 102°34'35"   | 467                        | 93.4         | 0           |
| Seminole Draw  | Below mouth of Wardswell Draw<br>lat 32°39'18", long 102°34'35"   | 991                        | 248          | 36.1        |
| Seminole Draw  | At confluence with Monument Draw lat 32°26'42", long 102°20'27"   | 1,185                      | 296          | 113.8       |
| Monument Draw  | At confluence with Seminole Draw<br>lat 32°26'42", long 102°20'27"  | 975                        | 70.4         | o           |
| Mustang Draw   | At confluence of Seminole Draw and Monument Draw lat 32°26'42", long 102°20'27"   | 2,160                      | 366          | 113.8       |
| Mustang Draw   | Above mouth of Johnson Draw<br>lat 32°58'00", long 101°41'09"   | 4,715                      | 523          | 33.2        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream       | Point of determination   | Drainage area above point (square miles) |              | River miles  |
|----------------------|--|--|--------------|--------------|
|                      |  | Noncontributing                          | Contributing | above modell |
|                      |  |  |              |              |
| Johnson Draw:        | A constant of Miller December 1  |  |              |              |
| Johnson Draw         | Above mouth of Midland Draw<br>lat 31°54'32", long 101°46'03"  | 141                                      | 269          | 8.2          |
| Midland Draw         | Above mouth of Monahans Draw<br>lat 31°51'47", long 101°53'06"   | 683                                      | 87.1         | 11.7         |
| Monahans Draw        | At mouth<br>lat 31°57'47", long 101°53'06  | 584                                      | 11.9         | 0            |
| Midland Draw         | Below mouth of Monahans Draw<br>lat 31°57'47", long 101°53'06"   | 1,267                                    | 99.0         | 11.7         |
| Midland Draw         | At mouth lat 31°54'32", long 101°46'03"  | 1,267                                    | 139          | 0            |
| Johnson Draw         | Below mouth of Midland Draw<br>lat 31°54'32", long 101°46'03"  | 1,408                                    | 408          | 8.2          |
| Johnson Draw         | At mouth lat 31°58'00", long 101°41'09"  | 1,408                                    | 443          | 0            |
| Mustang Draw         | Below mouth of Johnson Draw<br>lat 31°58'00", long 101°41'09"  | 6,123                                    | 966          | 33.2         |
| Mustang Draw         | At confluence with Sulphur Springs Draw<br>lat 32°12'17", long 101°35'53"                                      | 6,270                                    | 1,203        | 0            |
| Sulphur Springs Draw | USGS discontinued gage 08123620 near Wellmon, TX lat 33°04'39", long 102°27'50"                                | 605                                      | 41.8         |              |
| Sulphur Springs Draw | Above mouth of Buzzard Draw<br>lat 32°13'14", long 101°38'01"  | 1,361                                    | 237          |              |
| Buzzard Draw         | At mouth<br>lat 32°13'14", long 101°38'01"   | 146                                      | 23.5         | 0            |
| Sulphur Springs Draw | Below mouth of Buzzard Draw<br>lat 32°13'14", long 101°38'01"  | 1,507                                    | 257          |              |
| Sulphur Springs Draw | USGS discontinued gage 08123640 Natural Dam<br>Salt Lake near Big Spring, TX<br>lat 32°13'05", long 101°37'40" | 1,507                                    | 258          |              |
| Sulphur Springs Draw | At confluence with Mustang Draw<br>lat 32°12'17", long 101°35'53"  | 1,512                                    | 262          | 0            |
| Beals Creek          | At confluence of Mustang Draw and Sulphur Springs Draw<br>lat 32°12'17", long 101°35'53"                       | 7,782                                    | 1,465        | 75.6         |
| Beals Creek          | USGS discontinued gage 08123650 above Big Spring, TX lat 32°15'01", long 101°29'26"                            | 7,814                                    | 1,505        | 67.5         |
| Beals Creek          | USGS discontinued gage 08123700 at Big Spring, TX lat 32°15'45", long 101°26'30"                               | 7,814                                    | 1,527        | 64.4         |
| Coahoma Draw         | USGS discontinued gage 08123750 near Big Spring, TX lat 32°21'12", long 101°24'10"                             | 0  | 2.38         |              |
| Bull Creek tributary | USGS discontinued gage 08123760 near Forsan, TX<br>lat 32°08'23", long 101°10'53"                              | 0  | 0.40         | 0.2          |
| Beals Creek          | USGS gage 08123800 near Westbrook, TX<br>lat 32°11'57", long 101°00'49"  | 7,814                                    | 1,988        | 19.1         |
| Beals Creek          | At mouth<br>lat 32°10'47", long 100°51'15"   | 7,814                                    | 2,055        | 0            |
| Colorado River       | Below mouth of Beals Creek<br>lat 32°10'47", long 100°51'15"   | 10,260                                   | 4,308        | 769.8        |
| Colorado River       | USGS gage 08123850 above Silver, TX<br>lat 32°03'13", long 100°45'42"  | 10,260                                   | 4,650        | 756.0        |
| Colorado River       | USGS discontinued gage 08123900 near Silver, TX lat 32°01'10", long 100°44'08"                                 | 10,260                                   | 4,723        | 747.8        |
| Colorado River       | Above mouth of Bitter Creek<br>lat 31°59'22", long 100°40'44"  | 10,260                                   | 4,745        | 742.3        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream       | Point of determination   | Drainage area ( |              | River miles<br>above mouth |
|----------------------|--|-----------------|--------------|----------------------------|
|                      |  | Noncontributing | Contributing |                            |
| Bitter Creek         | USGS discontinued gage 08123920 near Silver, TX lat 31°58'48", long 100°42'52"   | 0               | 3.78         | 3.0                        |
| Bitter Creek         | At mouth<br>lat 31°59'22", long 100°40'44"   | o               | 6.59         | 0                          |
| Colorado River       | Below mouth of Bitter Creek<br>lat 31°59'22", long 100°40'44"  | 10,260          | 4,751        | 742.3                      |
| Colorado River       | USGS gage 08123950 at Robert Lee Dam<br>(E. V. Spence Reservoir) near Robert Lee, TX<br>lat 31°53'54", long 100°30'56" | 10,260          | 5,018        | 730.8                      |
| Colorado River       | USGS gage 08124000 at Robert Lee, TX<br>lat 31°53'07", long 100°28'49"   | 10,260          | 5,047        | 712.4                      |
| Colorado River       | Above mouth of Mountain Creek<br>lat 31°53'13", long 100°28'26"  | 10,260          | 5,048        | 712.0                      |
| Mountain Creek       | Peak discharge site No. 8 in TBWE Bull. 5807C lat 31°54'08", long 100°28'34"   | 10,260          | 29.1         | 2.0                        |
| Mountain Creek       | At mouth lat 31°53'13", long 100°28'26"  | 10,260          | 31.6         | 0                          |
| Colorado River       | Below mouth of Mountain Creek<br>lat 31°53'13", long 100°28'26"  | 10,260          | 5,079        | 712.0                      |
| Colorado River       | USGS discontinued gage 08124100 near Robert Lee, TX lat 31°51'23", long 100°23'02"                                     | 10,260          | 5,176        | 703.4                      |
| Colorado River       | Above mouth of Cow Creek<br>lat 31°51'27", long 100°22'58"   | 10,260          | 5,176        | 703.3                      |
| Cow Creek            | Peak discharge site No. 9 in TBWE Bull. 5807C lat 31°53'43", long 100°23'18"   | 0               | 6.62         | 3.8                        |
| Cow Creek            | At mouth<br>lat 31°51'27", long 100°22'58"   | 0               | 9.56         | 0                          |
| Colorado River       | Below mouth of Cow Creek<br>lat 31°51'27", long 100°22'58"   | 10,260          | 5,185        | 703.3                      |
| Colorado River       | USGS discontinued gage 08124200 near Bronte, TX lat 31°50'52", long 100°17'56"   | 10,260          | 5,245        | 695.8                      |
| Colorado River       | Above mouth of Oak Creek<br>lat 31°48'09", long 100°12'34"   | 10,260          | 5,348        | 687.7                      |
| Salt Creek:          |  |                 |              |                            |
| Salt Creek tributary | USGS discontinued gage 08125450 near Hylton, TX lat 32°07'57", long 100°14'02"   | 0               | 0.25         |                            |
| Oak Creek            | USGS gage 08125500 at Oak Creek Dam<br>(Oak Creek Reservoir) near Blackwell, TX<br>lat 32°02'24", long 100°16'03"      | 0               | 238          | 35.0                       |
| Oak Creek            | USGS discontinued gage 08126000 near Blackwell, TX lat 32°02'19", long 100°15'16"                                      | 0               | 240          | 34.2                       |
| Oak Creek            | At mouth<br>lat 31°48'09", long 100°12'34"   | 0               | 336          | 0                          |
| Colorado River       | Below mouth of Oak Creek<br>lat 31°48'09", long 100°12'34"   | 10,260          | 5,684        | 687.7                      |
| Colorado River       | Above mouth of Valley Creek<br>lat 31°43'02", long 100°01'53"  | 10,260          | 5,862        | 666.1                      |
| Valley Creek         | At mouth lat 31°43'02", long 100°01'53"  | 0               | 235          | 0                          |
| Colorado River       | Below mouth of Valley Creek<br>lat 31°43'02", long 100°01'53"  | 10,260          | 6,097        | 666.1                      |
| Colorado River       | USGS gage 08126380 near Ballinger, TX lat 31°42'52", long 100°01'37"   | 10,260          | 6,098        | 665.8                      |
| Colorado River       | USGS discontinued gage 08126400 at Ballinger, TX lat 31°43'57", long 99°57'14"   | 10,260          | 6,150        | 660.2                      |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream        | Name of stream Point of determination   | Drainage area a |              | River miles<br>above mouth |
|-----------------------|---|-----------------|--------------|----------------------------|
|                       |   | Noncontributing | Contributing |                            |
| Colorado River        | USGS discontinued gage 08126500 at Ballinger, TX lat 31°43'48", long 99°56'30"          | 10,260          | 6,153        | 659.4                      |
| Colorado River        | Above mouth of Elm Creek<br>lat 31°43'55", long 99°56'06"                               | 10,260          | 6,153        | 658.9                      |
| Elm Creek             | Above mouth of Bluff Creek<br>lat 31°51'05", long 99°54'20"                             | 0               | 119          | 12.1                       |
| Bluff Creek:          |   |                 |              |                            |
| Bluff Creek tributary | Peak discharge site at Winters, TX<br>lat 31°56'59", long 99°58'15"                     | 0               | 4.45         | 4.0                        |
| Bluff Creek           | At mouth lat 31°51'05", long 99°54'20"  | 0               | 150          | o                          |
| Elm Creek             | Below mouth of Bluff Creek<br>lat 31°51'05", long 99°54'20"                             | 0               | 269          | 12.1                       |
| Elm Creek             | Above mouth of Mud Creek<br>lat 31°49'20", long 99°54'32"                               | 0               | 284          | 10.1                       |
| Mud Creek             | At mouth lat 31°49'20", long 99°54'32"  | 0               | 46.6         | 0                          |
| Elm Creek             | Below mouth of Mud Creek<br>lat 31°49'20", long 99°54'32"                               | 0               | 331          | 10.1                       |
| Elm Creek             | Above mouth of Coyote Creek<br>lat 31°47'49", long 99°56'20"                            | 0               | 338          | 6.3                        |
| Coyote Creek          | At mouth lat 31°47'49", long 99°56'20"  | 0               | 93.2         | o                          |
| Elm Creek             | Below mouth of Coyote Creek<br>lat 31°47'49", long 99°56'20"                            | 0               | 431          | 6.3                        |
| Elm Creek             | USGS gage 08127000 at Ballinger, TX lat 31°44'57", long 99°56'50"                       | 0               | 450          | 1.9                        |
| Elm Creek             | At mouth lat 31°43'55", long 99°56'06"  | О               | 456          | 0                          |
| Colorado River        | Below mouth of Elm Creek<br>lat 31°43'55", long 99°56'06"                               | 10,260          | 6,609        | 658.9                      |
| Colorado River        | Above mouth of Concho River<br>lat 31°34'16", long 99°43'28"                            | 10,260          | 6,838        | 628.9                      |
| South Concho River:   |   |                 |              | ļ                          |
| Dry Creek             | USGS discontinued gage 08127100 near Christoval, TX lat 31°05'31", long 100°20'52"      | 0               | 2.79         | 11.9                       |
| South Concho River    | USGS gage 08128000 at Christoval, TX lat 31°11'15", long 100°30'06"                     | 58.6            | 354          | 24.7                       |
| South Concho River    | At Twin Buttes Dam (South Concho Pool) lat 31°18'47", long 100°29'14"                   | 58.6            | 428          | 13.7                       |
| South Concho River    | USGS gage 08131300 above Pecan Creek near San Angelo, TX lat 31°20'13", long 100°28'46" | 58.6            | 429          | 11.7                       |
| South Concho River    | Above mouth of Pecan Creek<br>lat 31°20'21", long 100°28'38"                            | 58.6            | 430          | 11.5                       |
| Pecan Creek           | USGS gage 08131400 near San Angelo, TX<br>lat 31°18'32", long 100°26'44"                | o               | 81.1         | 3.7                        |
| Pecan Creek           | USGS discontinued gage 08131410 near San Angelo, TX lat 31°19'03", long 100°27'30"      | 0               | 82.8         | 2.4                        |
| Pecan Creek           | At mouth<br>lat 31°20'21", long 100°28'38"  | 0               | 86.0         | 0                          |
| South Concho River    | Below mouth of Pecan Creek<br>lat 31°20'21", long 100°28'38"                            | 58.6            | 516          | 11.5                       |
| South Concho River    | Above mouth of Middle Concho River<br>lat 31°23'00", long 100°29'06"                    | 58.6            | 522          | 8.2                        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream                              | Point of determination   | Drainage area (<br>(square t | River miles<br>above mouth |      |
|---|--|------------------------------|----------------------------|------|
|   |  | Noncontributing              | Contributing               |      |
| Middle Conche Pivor                         |  |                              |                            |      |
| Middle Concho River: Middle Concho River    | Above mouth of Centralia Draw  |                              |                            |      |
| Centralia Draw                              | lat 31°26'34", long 101°15'23"  Above mouth of High Lonesome Draw                  | 30.8                         | 123                        | 67.3 |
| Centraria Draw                              | lat 31°23'02", long 101°36'22"   | 18.3                         | 180                        | 27.1 |
| High Lonesome Draw                          | At mouth lat 31°23'02", long 101°36'22"  | 546                          | 160                        | 0    |
| Centralia Draw                              | Below mouth of High Lonesome Draw<br>lat 31°23'02", long 101°36'22"                | 564                          | 340                        | 27.  |
| Centralia Draw                              | Above mouth of South Mustang Draw<br>lat 31°25'33", long 101°17'11"                | 818                          | 511                        | 2.   |
| South Mustang Draw                          | At mouth lat 31°25'33", long 101°17'11"  | 120                          | 170                        | 0    |
| Centralia Draw                              | Below mouth of South Mustang Draw<br>lat 31°25'33", long 101°17'11"                | 938                          | 681                        | 2.   |
| Centralia Draw                              | At mouth<br>lat 31°26'34", long 101°15'23"   | 938                          | 703                        | 0    |
| Middle Concho River                         | Below mouth of Centralia Draw<br>lat 31°26'34", long 101°15'23"                    | 968                          | 826                        | 67.  |
| Middle Concho River                         | Above mouth of Tepee Draw<br>1at 31°25'28", long 101°09'09"                        | 968                          | 850                        | 58   |
| Tepee Draw                                  | At mouth<br>lat 31°25'28", long 101°09'09"   | 0                            | 266                        | 0    |
| Middle Concho River                         | Below mouth of Tepee Draw<br>lat 31°25'28", long 101°09'09"                        | 968                          | 1,611                      | 58   |
| Middle Concho River                         | USGS gage 08128400 above Tankersley, TX lat 31°25'38", long 100°42'39"             | 968                          | 1,116                      | 20   |
| Middle Concho River                         | USGS discontinued gage 08128500 near Tankersley, TX lat 31°22'35", long 100°36'50" | 968                          | 1,685                      | 11   |
| Middle Concho River                         | At Twin Buttes Dam (Middle Concho Pool) lat 31°22'40", long 100°32'11"             | 968                          | 1,713                      | 3    |
| Middle Concho River                         | Above mouth of Spring Creek<br>lat 31°22'38", long 100°30'49"                      | 968                          | 1,714                      | 1    |
| Spring Creek                                | USGS gage 08129300 above Tankersley, TX lat 31°19'48", long 100°38'24"             | 19.7                         | 405                        | 10   |
| Dove Creek                                  | USGS gage 08130500 at Knickerbocker, TX lat 31°16'24", long 100°37'45"             | 8.43                         | 218                        | 5    |
| Dove Creek                                  | At mouth lat 31°19'50", long 100°36'07"  | 8.43                         | 245                        | 0    |
| Spring Creek                                | Below mouth of Dove Creek<br>lat 31°19'50", long 100°36'07"                        | 28.1                         | 656                        | 8    |
| Spring Creek                                | USGS discontinued gage 08131000 near Tankersley, TX lat 31°21'30", long 100°32'05" | 28.1                         | 671                        | 2    |
| Spring Creek                                | At Twin Buttes Dam (Spring Creek Pool)<br>lat 31°21'56", long 100°31'46"           | 28.1                         | 672                        | 1    |
| Twin Buttes Reservoir at<br>Twin Buttes Dam | USGS gage 08131200 near San Angelo, TX<br>lat 31°21'56", long 100°31'46"           | 1,055                        | 2,813                      | 13   |
| Spring Creek                                | At mouth lat 31°22'38", long 100°30'49"  | 28.1                         | 674                        | C    |
| Middle Concho River                         | Below mouth of Spring Creek<br>lat 31°22'38", long 100°30'49"                      | 997                          | 2,388                      | 1    |
| Middle Concho River                         | At mouth lat 31°23'00", long 100°29'06"  | 997                          | 2,395                      | C    |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream                        | Point of determination  | Drainage area (square | River miles  |             |
|---------------------------------------|---|-----------------------|--------------|-------------|
|                                       |   | Noncontributing       | Contributing | above moden |
| South Concho River                    | Below mouth of Middle Concho River<br>lat 31°23'00", long 100°29'06"  | 1,055                 | 2,917        | 8.2         |
| South Concho River                    | USGS gage 08132000 at Nasworthy Dam<br>(Lake Nasworthy) near San Angelo, TX<br>lat 31°23'19", long 100°28'41" | 1,055                 | 2,920        | 7.7         |
| South Concho River                    | USGS discontinued gage 08132500 at San Angelo, TX lat 31°26'45", long 100°25'30"                              | 1,055                 | 2,953        | 0.9         |
| South Concho River                    | At confluence with North Concho River<br>lat 31°27'15", long 100°24'56"                                       | 1,055                 | 2,954        | o           |
| North Concho River                    | Above mouth of Lacy Creek<br>lat 31°50'42", long 101°03'16"   | 3.31                  | 291          | 62.4        |
| Lacy Creek:                           |   |                       |              |             |
| Quarry Creek                          | USGS discontinued gage 08133300 near Sterling City, TX lat 31°50'48", long 101°09'18"                         | 0                     | 3.25         | 1.5         |
| Lacy Creek                            | At mouth<br>lat 31°50'42", long 101°03'16"  | 16.3                  | 261          | 0           |
| North Concho River                    | Below mouth of Lacy Creek<br>lat 31°50'42", long 101°03'16"   | 19.6                  | 552          | 62.4        |
| North Concho River                    | USGS gage 08133500 at Sterling City, TX lat 31°49'48", long 100°59'36"  | 19.6                  | 568          | 57.2        |
| North Concho River                    | Above mouth of Sterling Creek<br>lat 31°48'32", long 100°57'10"   | 23.6                  | 593          | 53.1        |
| Sterling Creek                        | At mouth<br>lat 31°48'32", long 100°57'10"  | 51.5                  | 182          | 0           |
| North Concho River                    | Below mouth of Sterling Creek<br>lat 31°48'32", long 100°57'10"   | 75.1                  | 775          | 53.1        |
| Broome Creek                          | USGS discontinued gage 08133800 near Broome, TX lat 31°45'55", long 100°50'42"                                | 0                     | 1.78         | 0.9         |
| North Concho River                    | USGS discontinued gage 08133900 near Carlsbad, TX lat 31°36'32", long 100°39'58"                              | 75.1                  | 1,173        | 23.9        |
| North Concho River                    | USGS gage 08134000 near Carlsbad, TX<br>lat 31°35'33", long 100°38'12"  | 75.1                  | 1,191        | 21.3        |
| North Concho River                    | Above mouth of Grape Creek<br>lat 31°33'54", long 100°34'57"  | 75.1                  | 1,220        | 16.3        |
| Grape Creek:<br>West Fork Grape Creek | Peak discharge site No. 72 in TBWE Bull. 5807C lat 31°40'19", long 100°35'00"                                 | 0                     | 37.4         | 1.8         |
| East Fork Grape Creek                 | Peak discharge site No. 73 in TBWE Bull. 5807C lat 31°39'55", long 100°33'07"                                 | 0                     | 42.0         | 1.3         |
| Grape Creek                           | Peak discharge site No. 74 in TBWE Bull. 5807C lat 31°38'36", long 100°34'09"                                 | 0                     | 83.0         | 7.7         |
| Grape Creek                           | Peak discharge site No. 75 in TBWE Bull. 5807C lat 31°34'29", long 100°35'09"                                 | 0                     | 106          | 0.9         |
| Grape Creek                           | At mouth<br>lat 31°33'54", long 100°34'57"  | 0                     | 107          | 0           |
| North Concho River                    | Below mouth of Grape Creek<br>lat 31°33'54", long 100°34'57"  | 75.1                  | 1,327        | 16.:        |
| North Concho River                    | Above mouth of Bald Eagle Creek<br>lat 31°31'44", long 100°32'36"   | 75.1                  | 1,341        | 11.0        |
| Bald Eagle Creek                      | Peak discharge site No. 76 in TBWE Bull. 5807C lat 31°40'13", long 100°29'31"                                 | 0                     | 8.31         | 13.         |
| Bald Eagle Creek                      | Peak discharge site No. 77 in TBWE Bull. 5807C lat 31°32'04", long 100°32'09"                                 | 0                     | 36.7         | 0.          |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream            | Point of determination  | Drainage area a     |              | River miles above mouth |
|---------------------------|---|---------------------|--------------|-------------------------|
|                           |   | Noncontributing Con | Contributing |                         |
|                           |   |                     |              |                         |
| Bald Eagle Creek          | At mouth<br>lat 31°31'44", long 100°32'36"  | 0                   | 36.9         | 0                       |
| North Concho River        | Below mouth of Bald Eagle Creek<br>lat 31°31'44", long 100°32'36"   | 75.1                | 1,378        | 11.6                    |
| Noelke Station Creek      | USGS discontinued gage 08134300 near San Angelo, TX<br>lat 31°31'34", long 100°33'44"                           | 0                   | 0.59         | 1.1                     |
| North Concho River        | USGS gage 08134500 at San Angelo Dam<br>(O. C. Fisher Lake) at San Angelo, TX<br>lat 31°29'04", long 100°28'53" | 75.1                | 1,431        | 6.6                     |
| North Concho River        | USGS gage 08135000 at San Angelo, TX<br>lat 31°27'57", long 100°26'51"  | 75.1                | 1,450        | 3.2                     |
| North Concho River        | USGS discontinued gage 08135200 at San Angelo, TX<br>lat 31°27'28", long 100°26'04"                             | 75.1                | 1,453        | 1.6                     |
| North Concho River        | At confluence with South Concho River<br>lat 31°27'15", long 100°24'56"   | 75.1                | 1,456        | 0                       |
| Concho River              | Below confluence of North Concho River and South Concho River<br>lat 31°27'15", long 100°24'56"                 | 1,131               | 4,410        | 62.3                    |
| Concho River              | USGS gage 08136000 near San Angelo, TX<br>lat 31°27'12", long 100°24'35"  | 1,131               | 4,411        | 61.9                    |
| Red Creek                 | Peak discharge site No. 80 in TBWE Bull. 5807C<br>lat 31°41'24", long 100°26'27"                                | 0                   | 0.79         |                         |
| Concho River              | USGS gage 08136150 near Veribest, TX<br>lat 31°32'07", long 100°13'05"  | 1,131               | 4,618        | 44.4                    |
| Puddle Creek              | USGS discontinued gage 08136200 near Veribest, TX<br>lat 31°30'38", long 100°09'31"                             | 0                   | 12.0         | 2.8                     |
| Concho River              | Above mouth of Kickapoo Creek<br>lat 31°30'46", long 99°57'38"  | 1,131               | 5,142        | 22.7                    |
| Kickapoo Creek            | Above mouth of Burr Oak Creek<br>lat 31°11'36", long 100°05'07"   | 0                   | 100          | 31.5                    |
| Burr Oak Creek            | At mouth<br>lat 31°11'36", long 100°05'07"  | 0                   | 20.1         | 0                       |
| Kickapoo Creek            | Below mouth of Burr Oak Creek<br>lat 31°11'36", long 100°05'07"   | 0                   | 120          | 31.5                    |
| Frog Pond Creek tributary | USGS discontinued gage 08136300 near Eden, TX<br>lat 31°14'21", long 100°00'08"                                 | 0                   | 1.87         |                         |
| Kickapoo Creek            | Above mouth of Middle Kickapoo Creek<br>lat 31°25'08", long 99°59'20"   | 0                   | 225          | 9.2                     |
| Middle Kickapoo Creek     | At mouth<br>lat 31°25'08", long 99°59'20"   | 0                   | 51.3         | o                       |
| Kickapoo Creek            | Below mouth of Middle Kickapoo Creek<br>lat 31°25'08", long 99°59'20"   | 0                   | 276          | 9.2                     |
| Kickapoo Creek            | Peak discharge site No. 86 in TBWE Bull. 5807C lat 31°27'13", long 99°58'26"                                    | 0                   | 283          | 5.5                     |
| Kickapoo Creek            | At mouth<br>lat 31°30'46", long 99°57'38"   | 0                   | 295          | 0                       |
| Concho River              | Below mouth of Kickapoo Creek<br>lat 31°30'46", long 99°57'38"  | 1,131               | 5,437        | 22.7                    |
| Concho River              | USGS gage 08136500 at Paint Rock, TX<br>lat 31°30'57", long 99°55'09"   | 1,131               | 5,443        | 20.0                    |
| Concho River              | Above mouth of Duck Creek<br>lat 31°30'42", long 99°46'43"  | 1,131               | 5,552        | 7.3                     |
| Duck Creek                | At mouth<br>lat 31°30'42", long 99°46'43"   | 0                   | 55.0         | 0                       |
| Concho River              | Below mouth of Duck Creek<br>lat 31°30'42", long 99°46'43"  | 1,131               | 5,607        | 7.3                     |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream  | Point of determination  | Drainage area a<br>(square n |              | River miles |
|-----------------|---|------------------------------|--------------|-------------|
|                 |   | Noncontributing              | Contributing | above model |
|                 |   |                              |              |             |
| Concho River    | At mouth lat 31°34'16", long 99°43'28"  | 1,131                        | 5,634        | 0           |
| Colorado River  | Below mouth of Concho River<br>lat 31°34'16", long 99°43'28"                    | 11,391                       | 12,472       | 628.9       |
| Colorado River  | Above mouth of Grape Creek lat 31°33'17", long 99°40'54"                        | 11,391                       | 12,477       | 623.8       |
| Grape Creek     | At mouth lat 31°33'17", long 99°40'54"  | 0                            | 70.4         | 0           |
| Colorado River  | Below mouth of Grape Creek<br>lat 31°33'17", long 99°40'54"                     | 11,391                       | 12,547       | 623.8       |
| Colorado River  | Above mouth of Elm Creek<br>lat 31°31'44", long 99°39'08"                       | 11,391                       | 12,555       | 618.4       |
| Elm Creek       | At mouth lat 31°31'44", long 99°39'08"  | 0                            | 80.5         | 0           |
| Colorado River  | Below mouth of Elm Creek<br>lat 31°31'44", long 99°39'08"                       | 11,391                       | 12,636       | 618.4       |
| Colorado River  | Peak discharge site No. 87 in TBWE Bull. 5807C lat 31°30'32", long 99°40'16"    | 11,391                       | 12,638       | 616.5       |
| Colorado River  | At Stacy dam site<br>lat 31°29'47", long 99°40'05"                              | 11,391                       | 12,647       | 615.1       |
| Colorado River  | Above mouth of Mustang Creek<br>lat 31°28'03", long 98°37'35"                   | 11,391                       | 12,653       | 611.6       |
| Mustang Creek   | At mouth lat 31°28'03", long 99°37'35"  | 0                            | 135          | 0           |
| Colorado River  | Below mouth of Mustang Creek<br>lat 31°28'03", long 99°37'35"                   | 11,391                       | 12,788       | 611.6       |
| Colorado River  | USGS gage 08136700 near Stacy, TX<br>lat 31°29'37", long 99°34'25"              | 11,391                       | 12,802       | 604.8       |
| Colorado River  | Above mouth of Salt Creek<br>lat 31°25'28", long 99°30'47"                      | 11,391                       | 12,898       | 598.0       |
| Salt Creek      | Peak discharge site No. 88 in TBWE Bull. 5807C<br>lat 31°25'48", long 99°32'40" | 0                            | 91.7         | 3.7         |
| Salt Creek      | At mouth<br>lat 31°25'28", long 99°30'47"                                       | 0                            | 97.8         | 0           |
| Colorado River  | Below mouth of Salt Creek<br>lat 31°25'28", long 98°30'47"                      | 11,391                       | 12,996       | 598.0       |
| Colorado River  | Above mouth of Home Creek<br>lat 31°28'39", long 99°13'49"                      | 11,391                       | 13,357       | 566.6       |
| Home Creek      | Above mouth of Mukewater Creek<br>lat 31°30'05", long 99°14'52"                 | 0                            | 251          | 2.8         |
| Mukewater Creek | At mouth lat 31°30'05", long 99°14'52"  | 0                            | 121          | 0           |
| Home Creek      | Below mouth of Mukewater Creek<br>lat 31°30'05", long 99°14'52"                 | 0                            | 372          | 2.8         |
| Home Creek      | At mouth<br>lat 31°28'39", long 99°13'49"                                       | 0                            | 383          | 0           |
| Colorado River  | Below mouth of Home Creek<br>lat 31°28'39", long 99°13'49"                      | 11,391                       | 13,740       | 566.        |
| Colorado River  | USGS gage 08138000 at Winchell, TX<br>lat 31°28'04", long 99°09'42"             | 11,391                       | 13,788       | 560.        |
| Colorado River  | USGS discontinued gage 08138100 at Winchell, TX lat 31°27'28", long 99°06'30"   | 11,391                       | 13,802       | 555.        |
| Colorado River  | Above mouth of Deep Creek<br>lat 31°26'55", long 99°05'37"                      | 11,391                       | 13,803       | 554.        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream          | Point of determination   |                 | Drainage area above point (square miles) | River miles |
|-------------------------|--|-----------------|--|-------------|
|                         |  | Noncontributing | Contributing                             | above mouti |
| Deep Creek              | USGS discontinued gage 08139000 subwatershed No. 3 near Placid, TX lat 31°17'25", long 99°09'22"                 | 0               | 2.73                                     |             |
| Deep Creek              | USGS discontinued gage 08139500 near Mercury, TX lat 31°24'08", long 99°07'17"                                   | 0               | 44.0                                     | 5.3         |
| Deep Creek              | USGS discontinued gage 08140000 subwatershed No. 8 near Mercury, TX lat 31°23'58", long 99°08'14"                | 0               | 7.58                                     |             |
| Dry Prong Deep Creek    | USGS discontinued gage 08140500 near Mercury, TX lat 31°24'09", long 99°08'13"                                   | 0               | 7.85                                     | 2.0         |
| Deep Creek              | At mouth<br>lat 31°26'55", long 99°05'37"  | 0               | 68.5                                     | 0           |
| Colorado River          | Below mouth of Deep Creek<br>lat 31°26'55", long 99°05'37"   | 11,391          | 13,872                                   | 554.6       |
| Colorado River          | Above mouth of Clear Creek<br>lat 31°29'21", long 99°02'34"  | 11,391          | 13,889                                   | 549.1       |
| Clear Creek             | At mouth<br>lat 31°29'21", long 99°02'34"  | 0               | 122                                      | 0           |
| Colorado River          | Below mouth of Clear Creek<br>lat 31°29'21", long 99°02'34"  | 11,391          | 14,011                                   | 549.1       |
| Colorado River          | Above mouth of Wilbarger Creek<br>lat 31°26'02", long 98°53'48"  | 11,391          | 14,110                                   | 533.0       |
| Wilbarger Creek         | At mouth<br>lat 31°26'02", long 98°53'48"  | . 0             | 58.6                                     | o           |
| Colorado River          | Below mouth of Wilbarger Creek<br>lat 31°26'02", long 98°53'48"  | 11,391          | 14,169                                   | 533.0       |
| Colorado River          | Above mouth of Pecan Bayou<br>lat 31°25'38", long 98°43'28"  | 11,391          | 14,297                                   | 513.1       |
| Pecan Bayou:            |  |                 |  | Ì           |
| North Prong Pecan Bayou | USGS gage 08140600 at upper Pecan Bayou Dam site No. 7 (Lake Clyde) near Clyde, TX lat 32°19'05", long 99°28'43" | 0               | 36.9                                     | 13.3        |
| North Prong Pecan Bayou | At confluence with South Prong Pecan Bayou<br>lat 32°13'06", long 99°26'25"                                      | 0               | 108                                      | 0           |
| South Prong Pecan Bayou | At confluence with North Prong Pecan Bayou<br>lat 32°13'06", long 99°26'25"                                      | 0               | 79.3                                     | 0           |
| Pecan Bayou             | Below confluence of North Prong Pecan Bayou and<br>South Prong Pecan Bayou<br>lat 32°13'06", long 99°26'25"      | 0               | 187                                      | 120.8       |
| Pecan Bayou             | Above mouth of Little Pecan Bayou<br>lat 32°00'45", long 99°14'12"   | 0               | 384                                      | 92.7        |
| Little Pecan Bayou      | At mouth<br>lat 32°00'45", long 99°14'12"  | 0               | 28.6                                     | 0           |
| Pecan Bayou             | Below mouth of Little Pecan Bayou<br>lat 32°00'45", long 99°14'12"   | 0               | 413                                      | 92.         |
| Pecan Bayou             | Above mouth of Turkey Creek<br>lat 31°58'28", long 99°08'45"   | 0               | 449                                      | 82.         |
| Turkey Creek            | At mouth<br>lat 31°58'28", long 99°08'45"  | 0               | 92.6                                     | 0           |
| Pecan Bayou             | Below mouth of Turkey Creek<br>lat 31°58'28", long 99°08'45"   | 0               | 541                                      | 82.         |
| Pecan Bayou             | USGS discontinued gage 08140700 near Crosscut, TX lat 31°58'24", long 99°07'45"                                  | 0               | 542                                      | 81.         |
| Pecan Bayou             | Above mouth of Jim Ned Creek<br>lat 31°50'19", long 99°00'31"  | o               | 777                                      | 59.         |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream           | Point of determination   | 1 7             | Drainage area above point (square miles) |             |
|--------------------------|--|-----------------|--|-------------|
|                          |  | Noncontributing | Contributing                             | above mouth |
| Jim Ned Creek            | Above mouth of South Fork Jim Ned Creek<br>lat 32°03'18", long 99°35'50"                                     | 0               | 154                                      | 62.8        |
| South Fork Jim Ned Creek | At mouth<br>lat 32°03'18", long 99°35'50"  | 0               | 60.2                                     | 0           |
| Jim Ned Creek            | Below mouth of South Fork Jim Ned Creek<br>lat 32°03'18", long 99°35'50"                                     | 0               | 214                                      | 62.8        |
| Jim Ned Creek            | At Coleman Dam (Lake Coleman)<br>lat 32°01'46", long 99°27'55"   | 0               | 307                                      | 51.5        |
| Jim Ned Creek            | USGS gage 08140800 near Coleman, TX<br>lat 31°58'59", long 99°24'52"   | 0               | 342                                      | 44.0        |
| Indian Creek             | At Lake Scarborough Dam<br>lat 31°53'33", long 99°26'22"   | 0               | 10.6                                     | 10.3        |
| Jim Ned Creek            | Above mouth of Hords Creek<br>lat 31°52'11", long 99°16'14"  | 0               | 451                                      | 26.0        |
| Hords Creek              | USGS gage 08141000 at Hords Creek Dam<br>(Hords Creek Lake) near Valera, TX<br>lat 31°49'58", long 99°33'38" | 0               | 49.3                                     | 29.1        |
| Hords Creek              | Above mouth of McCall Branch<br>lat 31°49'58", long 99°32'53"  | 0               | 49.9                                     | 28.3        |
| McCall Branch            | USGS discontinued gage 08141100 near Coleman, TX lat 31°50'57", long 99°33'12"                               | 0               | 1.92                                     | 1.7         |
| McCall Branch            | At mouth lat 31°49'58", long 99°32'53"   | 0               | 2.59                                     | 0           |
| Hords Creek              | Below mouth of McCall Branch<br>lat 31°49'58", long 99°32'53"  | 0               | 52.5                                     | 28.3        |
| Hords Creek              | USGS discontinued gage 08141400 near Valera, TX lat 31°50'05", long 99°32'28"                                | 0               | 53.0                                     | 27.9        |
| Hords Creek              | USGS gage 08141500 near Valera, TX<br>lat 31°50'03", long 99°32'04"  | 0               | 54.2                                     | 27.4        |
| Hords Creek              | USGS gage 08142000 at Coleman, TX<br>lat 31°50'55", long 99°25'31"   | 0               | 107                                      | 15.7        |
| Hords Creek              | USGS discontinued gage 08142100 at Coleman, TX lat 30°50'29", long 99°25'15"                                 | 0               | 108                                      | 15.1        |
| Hords Creek              | Peak discharge site above Coleman, TX<br>lat 31°49'52", long 99°24'48"                                       | 0               | 108                                      | 14.2        |
| Hords Creek              | At mouth lat 31°52'11", long 99°16'14"   | 0               | 147                                      |             |
| Jim Ned Creek            | Below mouth of Hords Creek<br>lat 31°52'11", long 99°16'14"  | 0               | 598                                      | 0           |
| Jim Ned Creek            | At mouth lat 31°50'19", long 99°00'31"   | 0               | 787                                      | 26.0        |
| Pecan Bayou              | Below mouth of Jim Ned Creek<br>lat 31°50'19", long 99°00'31"  | 0               |  | 0           |
| Pecan Bayou              | USGS gage 08143000 at Brownwood Dam (Lake Brownwood) near Brownwood, TX lat 31°50'12", long 99°00'12"        | 0               | 1,564                                    | 59.1        |
| Pecan Bayou              | USGS gage 08143500 at Brownwood, TX lat 31°43'54", long 98°58'25"  | 0               | 1,565                                    | 58.7        |
| Pecan Bayou              | Above mouth of Blanket Creek<br>lat 31°31'20", long 98°44'42"  | 0               |  | 48.6        |
| Blanket Creek            | Above mouth of Pompey Creek lat 31°32'19", long 98°44'30"  | 0               | 1,877                                    | 14.2        |
| Pompey Creek             | At mouth lat 31°32'19", long 98°44'30"   | 0               | 130                                      | 1.8         |
|                          | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | · ·             | 64.7                                     | 0           |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream         | Point of determination  | Drainage area (square) |              | River miles<br>above mouth |
|------------------------|---|------------------------|--------------|----------------------------|
|                        |   | Noncontributing        | Contributing | above moden                |
| 71 1 4 0 1             | Delay with at Direct Charle   |                        |              |                            |
| Blanket Creek          | Below mouth of Pompey Creek<br>lat 31°32'19", long 98°44'30"  | 0                      | 195          | 1.8                        |
| Blanket Creek          | At mouth lat 31°31'20", long 98°44'42"  | 0                      | 195          | o                          |
| Pecan Bayou            | Below mouth of Blanket Creek<br>lat 31°31'20", long 98°44'42"                                       | 0                      | 2,072        | 14.2                       |
| Pecan Bayou            | USGS gage 08143600 near Mullin, TX<br>lat 31°31'02", long 98°44'25"                                 | 0                      | 2,073        | 13.6                       |
| Pecan Bayou            | Above mouth of Brown Creek<br>lat 31°27'18", long 98°41'53"   | 0                      | 2,099        | 4.1                        |
| Brown Creek:           |   |                        |              |                            |
| Brown Creek tributary  | USGS discontinued gage 08143700 near Goldthwaite, TX lat 31°31'01", long 98°34'00"                  | 0                      | 2.43         | 1.4                        |
| Brown Creek            | At mouth<br>lat 31°27'18", long 98°41'53"   | 0                      | 98.0         | o                          |
| Pecan Bayou            | Below mouth of Brown Creek<br>lat 31°27'18", long 98°41'53"   | 0                      | 2,197        | 4.1                        |
| Pecan Bayou            | At mouth<br>lat 31°25'38", long 98°43'28"   | 0                      | 2,206        | 0                          |
| Colorado River         | Below mouth of Pecan Bayou<br>lat 31°25'38", long 98°43'28"   | 11,391                 | 16,503       | 513.1                      |
| Colorado River         | Above mouth of San Saba River<br>lat 31°15'10", long 98°35'46"                                      | 11,391                 | 16,641       | 479.8                      |
| San Saba River:        |   |                        |              |                            |
| North Valley Prong     | Peak discharge site No. 93 in TBWE Bull. 5807C lat 30°50'19", long 100°08'41"                       | 6.60                   | 322          | 1.6                        |
| North Valley Prong     | At confluence with Middle Valley Prong<br>lat 30°49'57", long 100°07'27"                            | 6.60                   | 323          | 0                          |
| Middle Valley Prong    | Peak discharge site No. 94 in TBWE Bull. 5807C lat 30°49'47", long 100°08'37"                       | 0                      | 184          | 1.5                        |
| Middle Valley Prong    | At confluence with North Valley Prong<br>lat 30°49'57", long 100°07'27"                             | 0                      | 186          | 0                          |
| San Saba River         | Below confluence of North Valley Prong and<br>Middle Valley Prong<br>lat 30°49'57", long 100°07'27" | 6.60                   | 509          | 141.2                      |
| San Saba River         | Above mouth of Terrett Draw<br>lat 30°49'47", long 100°06'58"                                       | 6.60                   | 510          | 140.7                      |
| Terrett Draw:          |   |                        |              |                            |
| Terrett Draw           | Peak discharge site No. 95 in TBWE Bull. 5807C lat 30°41'05", long 100°11'06"                       | 0                      | 18.3         | 13.2                       |
| Terrett Draw           | Peak discharge site No. 96 in TBWE Bull. 5807C<br>lat 30°42'49", long 100°10'15"                    | 0                      | 32.8         | 10.7                       |
| Terrett Draw tributary | Peak discharge site No. 97 in TBWE Bull. 5807C<br>lat 30°45'00", long 100°09'58"                    | 0                      | 20.2         | 0.8                        |
| Terrett Draw           | Above mouth of Colston Draw<br>lat 30°46'57", long 100°07'46"                                       | 0                      | 64.1         | 4.1                        |
| Colston Draw           | Peak discharge site No. 98 in TBWE Bull. 5807C lat 30°46'25", long 100°07'00"                       | 0                      | 24.0         | 1.1                        |
| Colston Draw           | At mouth<br>lat 30°46'57", long 100°07'46"  | 0                      | 29.8         | 0                          |
| Terrett Draw           | Below mouth of Colston Draw<br>lat 30°46'57", long 100°07'46"                                       | 0                      | 93.9         | 4.1                        |
| Terrett Draw           | Peak discharge site No. 99 in TBWE Bull. 5807C lat 30°49'26", long 100°07'10"                       | 0                      | 102          | 0.5                        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream        | Point of determination   |                 | Drainage area above point<br>(square miles) |             |
|-----------------------|--|-----------------|---|-------------|
|                       |  | Noncontributing | Contributing                                | above mouth |
|                       |  |                 |   |             |
| Terrett Draw          | At mouth lat 30°49'47", long 100°06'58"  | o               | 102   | 0           |
| San Saba River        | Below mouth of Terrett Draw<br>lat 30°49'47", long 100°06'58"  | 6.60            | 612   | 140.7       |
| San Saba River        | Peak discharge site No. 103 in TBWE Bull. 5807C lat 30°52'02", long 100°01'17"                                   | 6.60            | 678   | 133.3       |
| San Saba River        | Above mouth of Rocky Creek<br>lat 30°53'18", long 99°57'18"  | 6.60            | 711   | 128.4       |
| Rocky Creek           | At mouth lat 30°53'18", long 99°57'18"   | o               | 110   | 0           |
| San Saba River        | Below mouth of Rocky Creek<br>lat 30°53'18", long 99°57'18"  | 6.60            | 821   | 128.4       |
| San Saba River        | Above mouth of Dry Creek<br>lat 30°54'05", long 99°54'53"  | 6.60            | 828   | 125.6       |
| Dry Creek             | At mouth<br>lat 30°54'05", long 99°54'53"  | o               | 105   | 0           |
| San Saba River        | Below mouth of Dry Creek<br>lat 30°54'05", long 99°54'53"  | 6.60            | 933   | 125.6       |
| San Saba River        | USGS gage 08144500 near Menard, TX<br>lat 30°55'08", long 99°47'07"  | 6.60            | 1,128                                       | 116.3       |
| San Saba River        | USCS gage 08144600 near Brady, TX<br>lat 31°00'14", long 99°16'07"   | 6.60            | 1,626                                       | 72.9        |
| San Saba River        | Above mouth of Tiger Creek<br>lat 31°01'44", long 99°07'39"  | 6.60            | 1,713                                       | 61.3        |
| Tiger Creek           | At mouth<br>lat 31°01'44", long 99°07'39"  | o               | 82.7  | 0           |
| San Saba River        | Below mouth of Tiger Creek<br>lat 31°01'44", long 99°07'39"  | o               | 1,796                                       | 61.3        |
| San Saba River        | Above mouth of Brady Creek<br>lat 31°07'39", long 98°59'14"  | 6.60            | 1,932                                       | 48.0        |
| Brady Creek:          |  |                 |   |             |
| Brady Creek           | USGS gage 08144800 near Eden, TX<br>lat 31°11'03", long 99°50'27"  | o               | 101   | 63.8        |
| Brady Creek           | Above mouth of South Brady Creek<br>lat 31°09'58", long 99°31'03"  | o               | 285   | 45.5        |
| South Brady Creek     | At mouth lat 31°09'58", long 99°31'03"   | o               | 111   | 0           |
| Brady Creek           | Below mouth of South Brady Creek<br>lat 31°09'58", long 99°31'03"  | 0               | 396   | 45.5        |
| Brady Creek           | USGS gage 08144900 at Brady Creek Dam<br>(Brady Creek Reservoir) near Brady, TX<br>lat 31°08'28", long 99°23'12" | 0               | 523   | 35.4        |
| Brady Creek           | USGS discontinued gage 08144990 at Brady, TX lat 31°08'02", long 88°20'41"                                       | 0               | 566   | 31.1        |
| Brady Creek           | USGS gage 08145000 at Brady, TX<br>lat 31°08'17", long 99°20'05"   | 0               | 588   | 30.4        |
| Brady Creek           | Peak discharge site No. 118 in TBWE Bull. 5807C lat 31°06'09", long 99°17'21"                                    | 0               | 611   | 25.8        |
| Brady Creek tributary | USGS discontinued gage 08145100 near Brady, TX lat 31°05'05", long 99°17'33"                                     | 0               | 4.07  | 2.0         |
| Brady Creek           | At mouth lat 31°07'39", long 98°59'14"   | 0               | 803   | 0           |
| San Saba River        | Below mouth of Brady Creek<br>lat 31°07'39", long 98°59'14"  | 6.60            | 2,735                                       | 48.0        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream         | Point of determination   |                 | age area above point<br>(square miles) |             | Drainage area above point (square miles) |  |
|------------------------|--|-----------------|--|-------------|--|--|
|                        |  | Noncontributing | Contributing                           | above mouth |  |  |
|                        |  |                 |  |             |  |  |
| San Saba River         | Peak discharge site No. 121 in TBWE Bull. 5807C lat 31°07'48", long 98°57'00"                    | 6.60            | 2,739                                  | 45.5        |  |  |
| San Saba River         | Above mouth of RichTand Springs Creek<br>lat 31°13'25", long 98°47'16"                           | 6.60            | 2,897                                  | 25.6        |  |  |
| Richland Springs Creek | Peak discharge site No. 133 in TBWE Bull. 5807C lat 31°15'38", long 98°50'17"                    | o               | 88.4                                   | 8.5         |  |  |
| Richland Springs Creek | At mouth lat 31°13'25", long 98°47'16"   | o               | 104                                    | 0           |  |  |
| San Saba River         | Below mouth of Richland Springs Creek<br>lat 31°13'25", long 98°47'16"                           | 6.60            | 3,001                                  | 25.6        |  |  |
| San Saba River         | USGS discontinued gage 08145900 near San Saba, TX lat 31°12'38", long 98°44'25"                  | 6.60            | 3,031                                  | 19.5        |  |  |
| San Saba River         | USGS gage 08146000 at San Saba, TX<br>lat 31°12'47", long 98°43'09"                              | 6.60            | 3,039                                  | 16.8        |  |  |
| San Saba River         | USGS discontinued gage 08146100 near San Saba, TX lat 31°12'07", long 98°42'45"                  | 6.60            | 3,040                                  | 14.8        |  |  |
| San Saba River         | At mouth lat 31°15'10", long 98°35'46"   | 6.60            | 3,141                                  | 0           |  |  |
| Colorado River         | Below mouth of San Saba River<br>lat 31°15'10", long 98°35'46"                                   | 11,398          | 19,782                                 | 479.8       |  |  |
| Colorado River         | USGS discontinued gage 08146900 near Chadwick, TX lat 31°14'06", long 98°33'46"                  | 11,398          | 19,816                                 | 475.6       |  |  |
| Colorado River         | USGS gage 08147000 near San Saba, TX<br>lat 31°13'04", long 98°33'51"                            | 11,398          | 19,819                                 | 474.3       |  |  |
| Colorado River         | USGS discontinued gage 08147100 near San Saba, TX lat 31°12'43", long 98°33'59"                  | 11,398          | 19,820                                 | 473.9       |  |  |
| Colorado River         | Above mouth of Cherokee Creek<br>lat 31°07'04", long 98°29'43"                                   | 11,398          | 19,961                                 | 456.4       |  |  |
| Cherokee Creek:        | , 0  |                 |  |             |  |  |
| Bee Waterhole Brook    | Peak discharge site No. 143 in TBWE Bull. 5807C lat 31°59'54", long 98°36'26"                    | 0               | 4.62                                   | 2.9         |  |  |
| Cherokec Creek         | Peak discharge site No. 144 in TBWE Bull. 5807C lat 31°02'05", long 98°34'30"                    | 0               | 160                                    | 10.0        |  |  |
| Cherokee Cree          | Peak discharge site No. 144.1 in TBWE Bull. 5807C lat 31°03'28", long 98°33'12"                  | 0               | 165                                    | 7.8         |  |  |
| Cherokee Creek         | At mouth lat 31°07'04", long 98°29'43"   | 0               | 178                                    | o           |  |  |
| Colorado River         | Below mouth of Cherokee Creek<br>lat 31°07'04", long 98°29'43"                                   | 11,398          | 20,139                                 | 456.4       |  |  |
| Colorado River         | USGS discontinued gage 08147500 near Tow, TX lat 30°53'24", long 98°26'54"                       | 11,398          | 20,372                                 | 431.6       |  |  |
| Colorado River         | USGS gage 08148000 at Buchanan Dam (Lake Buchanan) near Burnet, TX lat 30°45'04", long 98°25'06" | 11,398          | 20,512                                 | 413.6       |  |  |
| Colorado River         | At Roy Inks Dam (Inks Lake) lat 30°43'51", long 98°23'03"  | 11,398          | 20,552                                 | 409.4       |  |  |
| Colorado River         | Above mouth of Llano River<br>lat 30°39'18", long 98°25'42"                                      | 11,398          | 20,601                                 | 400.3       |  |  |
| Llano River:           |  |                 |  |             |  |  |
| North Llano River      | Above mouth of Dry Llano River<br>lat 30°27'18", long 100°11'42"                                 | 1.25            | 159                                    | 33.6        |  |  |
| Dry Llano River        | At mouth<br>lat 30°27'18", long 100°11'42"   | 3.89            | 222                                    | 0           |  |  |
|                        |  | 1               |  |             |  |  |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream      | Point of determination  | Drainage area<br>(square |              | River miles |
|---------------------|---|--------------------------|--------------|-------------|
|                     |   | Noncontributing          | Contributing | above mouth |
| North Llano River   | Below mouth of Dry Llano River<br>lat 30°27'18", long 100°11'42"                      | 5.14                     | 381          | 33.6        |
| North Llano River   | Peak discharge site No. 156 in TBWE Bull. 5807C lat 30°29'18", long 100°02'41"        | 5.14                     | 436          | 21.5        |
| North Llano River   | Above mouth of Maynard Creek<br>lat 30°28'59", long 100°02'13"                        | 5.14                     | 436          | 20.9        |
| Maynard Creek       | At mouth lat 30°28'59", long 100°02'13"   | 0                        | 73.1         | 0           |
| North Llano River   | Below mouth of Maynard Creek<br>lat 30°28'59", long 100°02'13"                        | 5.14                     | 509          | 20.9        |
| North Llano River   | Above mouth of Copperas Creek<br>lat 30°29'29", long 99°59'22"                        | 5.14                     | 522          | 17.6        |
| Copperas Creek:     |   |                          |              |             |
| West Copperas Creek | Peak discharge site No. 157 in TBWE Bull. 5807C lat 30°31'51", long 100°01'54"        | 0                        | 83.9         | 1.7         |
| West Copperas Creek | At confluence with East Copperas Creek<br>lat 30°31'26", long 100°00'46"              | 0                        | 86.3         | 0           |
| East Copperas Creek | At confluence with West Copperas Creek<br>lat 30°31'26", long 100°00'46"              | 0                        | 32.3         | 0           |
| Copperas Creek      | At confluence of West Copperas and East Copperas Creek lat 30°31'26", long 100°00'46" | 0                        | 119          | 3.5         |
| Copperas Creek      | Peak discharge site No. 158 in TBWE Bull. 5807C lat 30°31'05", long 100°00'32"        | 0                        | 119          | 2.9         |
| Copperas Creek      | At mouth lat 30°29'29", long 99°59'22"  | 0                        | 122          | 0           |
| North Llano River   | Below mouth of Copperas Creek<br>lat 30°29'29", long 99°59'22"                        | 5.14                     | 644          | 17.6        |
| North Llano River   | Above mouth of Bear Creek<br>lat 30°31'03", long 99°49'32"                            | 5.14                     | 752          | 5.0         |
| Bear Creek          | Peak discharge site No. 160 in TBWE Bull. 5807C lat 30°31'57", long 99°50'11"         | 0                        | 130          | 1.3         |
| Bear Creek          | At mouth lat 30°31'03", long 99°49'32"  | 0                        | 132          | 0           |
| North Llano River   | Below mouth of Bear Creek<br>lat 30°31'03", long 99°49'32"                            | 5.14                     | 884          | 5.0         |
| North Llano River   | USGS gage 08148500 near Junction, TX lat 30°31'06", long 99°48'39"                    | 5.14                     | 888          | 4.2         |
| North Llano River   | At confluence with South Llano River lat 30°29'32", long 99°45'21"                    | 5.14                     | 910          | 0           |
| South Llano River:  |   |                          |              |             |
| South Llano River   | Above mouth of Dry Draw<br>lat 30°14'00", long 100°01'01"                             | 0                        | 306          | 31.7        |
| Dry Draw            | At mouth<br>lat 30°14'00", long 100°01'01"  | 0                        | 128          | 0           |
| South Llano River   | Below mouth of Dry Draw<br>lat 30°14'00", long 100°01'01"                             | 0                        | 434          | 31.7        |
| South Llano River   | Peak discharge site No. 161 in TBWE Bull. 5807C lat 30°14'41", long 99°57'30"         | 0                        | 503          | 27.3        |
| South Llano River   | Above mouth of Paint Creek<br>lat 30°18'17", long 99°54'14"                           | 0                        | 524          | 21.5        |
| Paint Creek         | Peak discharge site near Rockspring, TX<br>lat 30°05'52", long 99°46'59"              | 0                        | 60.8         | 20.1        |
| Paint Creek         | Peak discharge site No. 166 in TBWE Bull. 5807C lat 30°17'10", long 99°53'07"         | 0                        | 214          | 1.9         |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream        | Point of determination   | Drainage area ( |              | River miles |
|-----------------------|--|-----------------|--------------|-------------|
|                       |  | Noncontributing | Contributing | above mouth |
|                       |  |                 |              |             |
| Paint Creek           | At mouth lat 30°18'17", long 99°54'14"   | 0               | 218          | 0           |
| South Llano River     | Below mouth of Paint Creek<br>lat 30°18'17", long 99°54'14"                            | 0               | 742          | 21.5        |
| South Llano River     | Peak discharge site No. 168 in TBWE Bull. 5807C lat 30°20'15", long 99°54'04"          | 0               | 748          | 18.8        |
| South Llano River     | Above mouth of Cedar Creek<br>lat 30°28'47", long 99°45'44"                            | 0               | 880          | 1.1         |
| Cedar Creek           | At mouth<br>lat 30°38'47", long 99°45'44"  | 0               | 52.1         | 0           |
| South Llano River     | Below mouth of Cedar Creek<br>lat 30°28'47", long 99°45'44"                            | 0               | 932          | 1.1         |
| South Llano River     | At confluence with North Llano River<br>lat 30°29'32", long 99°45'21"                  | 0               | 933          | 0           |
| Llano River           | At confluence of North Llano River and South Llano River lat 30°29'32", long 99°45'21" | 5.14            | 1,843        | 117.2       |
| Llano River           | USGS supplemental gage 08149900 near Junction, TX lat 30°30'15", long 99°44'03"        | 5.14            | 1,849        | 114.8       |
| Llano River           | USGS gage 08150000 near Junction, TX lat 30°29'51", long 99°43'19"                     | 5.14            | 1,851        | 113.8       |
| Llano River           | Above mouth of Johnson Fork Creek<br>lat 30°30'28", long 99°40'56"                     | 5.14            | 1,860        | 109.2       |
| Johnson Fork Creek    | At mouth lat 30°30'28", long 99°40'56"   | 0               | 322          | 0           |
| Llano River           | Below mouth of Johnson Fork Creek<br>lat 30°30'28", long 99°40'56"                     | 5.14            | 2,182        | 109.2       |
| Llano River           | Above mouth of Gentry Creek<br>lat 30°31'03", long 99°41'01"                           | 5.14            | 2,183        | 108.5       |
| Gentry Creek          | At mouth lat 30°31'03", long 99°41'01"   | 0               | 55.5         | 0           |
| Llano River           | Below mouth of Gentry Creek<br>lat 30°31'03", long 99°41'01"                           | 5.14            | 2,239        | 108.5       |
| Llano River tributary | USGS discontinued gage 08150200 near London, TX lat 30°38'22", long 99°35'52"          | 0               | 0.58         | 4.6         |
| Llano River           | Peak discharge site No. 176 in TBWE Bull. 5807C lat 30°40'39", long 99°20'00"          | 5.14            | 2,671        | 76.4        |
| Llano River           | Above mouth of James River<br>lat 30°38'53", long 99°15'10"                            | 5.14            | 2,752        | 70.2        |
| James River           | Above mouth of Little Devils River<br>lat 30°29'49", long 99°23'50"                    | 0               | 103          | 17.9        |
| Little Devils River   | Peak discharge site No. 177 in TBWE Bull. 5807C<br>lat 30°21'47", long 99°23'50"       | 0               | 53.8         | 12.7        |
| Little Devils River   | At mouth<br>lat 30°29'49", long 99°23'50"  | 0               | 142          | 0           |
| James River           | Below mouth of Little Devils River<br>lat 30°29'49", long 99°23'50"                    | 0               | 245          | 17.9        |
| James River           | Peak discharge site No. 178 in TBWE Bull. 5807C<br>lat 30°35'12", long 99°18'38"       | 0               | 326          | 8.6         |
| James River           | At mouth lat 30°38'53", long 99°15'10"   | 0               | 340          | 0           |
| Llano River           | Below mouth of James River<br>lat 30°38'53", long 99°15'10"                            | 5.14            | 3,092        | 70.2        |
| Llano River           | USGS gage 08150700 near Mason, TX<br>lat 30°39'38", long 99°06'32"                     | 5.14            | 3,242        | 61.1        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream        | Point of determination   |                 | Drainage area above point<br>(square miles) |             |
|-----------------------|--|-----------------|---|-------------|
|                       |  | Noncontributing | Contributing                                | above mouth |
| Llano River           | Above mouth of Beaver Creek<br>lat 30°39'41", long 99°05'44"                         | 5.14            | 3,243                                       | 60.0        |
| Beaver Creek          | USGS gage 08150800 near Mason, TX<br>lat 30°38'36", long 99°05'44"                   | 0               | 215   | 1.8         |
| Beaver Creek          | At mouth lat 30°39'41", long 99°05'33"   | 0               | 218   | 0           |
| Llano River           | Below mouth of Beaver Creek<br>lat 30°39'41", long 99°05'33"                         | 5.14            | 3,461                                       | 60.0        |
| Stone Creek tributary | USGS discontinued gage 08150900 near Art, TX<br>lat 30°44'17", long 99°03'29"        | o               | 0.40  |             |
| Llano River           | USGS discontinued gage 08151000 near Castell, TX lat 30°42'44", long 98°53'07"       | 5.14            | 3,705                                       | 44.1        |
| Llano River           | Above mouth of Hickory Creek<br>lat 30°43'25", long 98°53'07"                        | 5.14            | 3,715                                       | 39.6        |
| Hickory Creek         | Peak discharge site No. 183 in TBWE Bull. 5807C lat 30°42'25", long 98°50'12"        | 0               | 152   | 2.0         |
| Hickory Creek         | At mouth<br>lat 30°43'25", long 98°48'56"  | 0               | 168   | 0           |
| Llano River           | Below mouth of Hickory Creek<br>lat 30°43'25", 98°48'56"                             | 5.14            | 3,883                                       | 39.6        |
| Llano River           | Above mouth of Six Mile Creek<br>lat 30°44'28", long 98°46'03"                       | 5.14            | 3,892                                       | 35.9        |
| Six Mile Creek        | Peak discharge site No. 184 in TBWE Bull. 5807C<br>lat 30°43'20", long 98°45'46"     | 0               | 22.2  | 1.7         |
| Six Mile Creek        | At mouth<br>lat 30°44'28", long 98°46'03"  | 0               | 23.5  | o           |
| Llano River           | Below mouth of Six Mile Creek<br>lat 30°44'28", long 98°46'03"                       | 5.14            | 3,916                                       | 35.9        |
| Llano River           | Above mouth of Johnson Creek<br>lat 30°44'50", long 98°43'33"                        | 5.14            | 4,056                                       | 32.8        |
| Johnson Creek         | USGS discontinued gage 08151300 near Valley Spring, TX lat 30°51'38", long 98°45'40" | 0               | 5.63  | 13.2        |
| Johnson Creek         | Peak discharge site No. 185 in TBWE Bull. 5807C<br>lat 30°46'05", long 98°45'40"     | 0               | 46.6  | 3.3         |
| Johnson Creek         | At mouth<br>lat 30°44'50", long 98°43'33"  | 0               | 52.7  | 0           |
| Llano River           | Below mouth of Johnson Creek<br>lat 30°44'50", long 98°43'33"                        | 5.14            | 4,109                                       | 32.8        |
| Llano River           | Above mouth of Pecan Creek<br>lat 30°45'27", long 98°41'34"                          | 5.14            | 4,112                                       | 30.8        |
| Pecan Creek           | Peak discharge site No. 186 in TBWE Bull. 5807C lat 30°50'03", long 98°43'16"        | 0               | 45.7  | 6.1         |
| Pecan Creek           | At mouth lat 30°45'27", long 98°41'34"   | 0               | 65.2  | 0           |
| Llano River           | Below mouth of Pecan Creek<br>lat 30°45'27", long 98°41'34"                          | 5.14            | 4,177                                       | 30.8        |
| Llano River           | At Llano Dam<br>lat 30°45'10", long 98°40'34"  | 5.14            | 4,189                                       | 29.7        |
| Llano River           | USGS gage 08151500 at Llano, TX lat 30°45'04", long 98°40'10"                        | 5.14            | 4,192                                       | 29.3        |
| Llano River           | Above mouth of Oatman Creek<br>lat 30°44'54", long 98°39'16"                         | 5.14            | 4,192                                       | 28.3        |
| Oatman Creek          | Peak discharge site No. 188 in TBWE Bull. 5807C lat 30°43'22", long 98°40'14"        | 0               | 22.6  | 2.4         |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream              | Point of determination   | Drainage area<br>(square | miles)       | River miles |
|-----------------------------|--|--------------------------|--------------|-------------|
|                             |  | Noncontributing          | Contributing | above mouth |
|                             | ·  |                          |              |             |
| Oatman Creek                | At mouth<br>lat 30°44'54", long 98°39'16"  | o                        | 24.9         | 0           |
| Llano River                 | Below mouth of Oatman Creek<br>lat 30°44'54", long 98°39'16"                     | 5.14                     | 4,217        | 28.3        |
| Llano River                 | Above mouth of Wrights Creek<br>lat 30°45'41", long 98°36'34"                    | 5.14                     | 4,237        | 22.8        |
| Wrights Creek               | Peak discharge site No. 189 in TBWE Bull 5807C<br>lat 30°46'48", long 98°38'05"  | 0                        | 18.0         | 3.5         |
| Wrights Creek               | At mouth<br>lat 30°45'41", long 98°36'34"  | 0                        | 22.6         | o           |
| Llano River                 | Below mouth of Wrights Creek<br>lat 30°45'41", long 98°36'34"                    | 5.14                     | 4,260        | 22.8        |
| Llano River                 | Above mouth of Little Llano River<br>lat 30°46'47", long 98°34'06"               | 5.14                     | 4,269        | 19.9        |
| Little Llano River          | Peak discharge site at Lone Grove, TX<br>lat 30°48'28", long 98°34'39"           | 0                        | 48.1         | 2.9         |
| Little Llano River          | Peak discharge site No. 192 in TBWE Bull. 5807C<br>lat 30°48'08", long 98°34'20" | 0                        | 51.0         | 2.3         |
| Little Llano River          | At mouth<br>lat 30°46'47", long 98°34'06"  | 0                        | 52.8         | 0           |
| Llano River                 | Below mouth of Little Llano River<br>lat 30°46'47", long 98°34'06"               | 5.14                     | 4,322        | 19.9        |
| Llano River                 | Above mouth of Honey Creek<br>lat 30°39'41", long 98°29'17"                      | 5.14                     | 4,401        | 5.0         |
| Honey Créek                 | Peak discharge site No. 194 in TBWE Bull. 5807C<br>lat 30°38'11", long 98°31'30" | 0                        | 29.1         | 3.6         |
| Honey Creek                 | At mouth<br>lat 30°39'41", long 98°29'17"  | 0                        | 39.7         | 0           |
| Llano River                 | Below mouth of Honey Creek<br>lat 30°39'41", long 98°29'17"                      | 5.14                     | 4,441        | 5.0         |
| Llano River                 | At mouth<br>lat 30°39'18", long 98°25'42"  | 5.14                     | 4,455        | 0           |
| Colorado River              | Below mouth of Llano River<br>lat 30°39'18", long 98°25'42"                      | 11,403                   | 25,056       | 400.3       |
| Colorado River              | Above mouth of Sandy Creek<br>lat 30°34'34", long 98°24'44"                      | 11,403                   | 25,084       | 393.7       |
| Sandy Creek                 | Above mouth of Crabapple Creek<br>lat 30°33'07", long 98°43'18"                  | 0                        | 55.2         | 26.9        |
| Crabapple Creek             | At mouth<br>lat 30°33'07", long 98°43'18"  | 0                        | 93.1         | o           |
| Sandy Creek                 | Below mouth of Crabapple Creek<br>lat 30°33'07", long 98°43'18"                  | 0                        | 148          | 26.9        |
| Lost Hollow Creek           | Peak discharge site No. 196 in TBWE Bull. 5807C lat 30°34'49", long 98°42'05"    | 0                        | 4.55         |             |
| Lost Hollow Creek tributary | Peak discharge site No. 197 in TBWE Bull. 5807C lat 30°34'25", long 98°42'04"    | 0                        | 0.34         |             |
| Sandy Creek                 | Above mouth of Coal Creek<br>lat 30°31'38", long 98°35'12"                       | 0                        | 216          | 15.5        |
| Coal Creek                  | Peak discharge site No. 198 in TBWE Bull. 5807C lat 30°27'23", long 98°38'20"    | 0                        | 17.3         | 8.1         |
| Coal Creek                  | At mouth lat 30°31'38", long 98°35'12"   | 0                        | 49.6         | 0           |
| Sandy Creek                 | Below mouth of Coal Creek<br>lat 30°31'38", long 98°35'12"                       | 0                        | 266          | 15.5        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream                   | Point of determination  |                 | Drainage area above point<br>(square miles) |            |
|----------------------------------|---|-----------------|---|------------|
|                                  |   | Noncontributing | Contributing                                | above mout |
| Sandy Creek                      | Above mouth of Comanche Creek lat 30°32'35", long 98°32'56"                           | 0               | 279   | 12.6       |
| Comanche Creek                   | Peak discharge site No. 199 in TBWE Bull. 5807C lat 30°30'43", long 98°33'10"         | 0               | 14.6  | 3.0        |
| Comanche Creek                   | At mouth<br>lat 30°32'35", long 98°32'56"   | 0               | 20.2  | 0          |
| Sandy Creek                      | Below mouth of Comanche Creek<br>lat 30°32'35", long 98°32'56"                        | 0               | 299   | 12.6       |
| Sandy Creek                      | USGS gage 08152000 near Kingsland, TX<br>lat 30°33'30", long 98°28'23"                | 0               | 346   | 6.6        |
| Sandy Creek                      | Above mouth of Walnut Creek<br>lat 30°33'39", long 98°25'44"                          | 0               | 361   | 2.1        |
| Walnut Creek                     | Peak discharge site No. 201 in TBWE Bull. 5807C lat 30°31'51", long 98°27'00"         | 0               | 21.4  | 3.9        |
| Walnut Creek                     | Peak discharge site No. 201.1 in TBWE Bull. 5807C lat 30°32'13", long 98°26'46"       | o               | 23.5  | 3.4        |
| Walnut Creek                     | At mouth<br>lat 30°33'39", long 98°25'44"   | 0               | 27.4  | o          |
| Sandy Creek                      | Below mouth of Walnut Creek<br>lat 30°33'39", long 98°25'44"                          | o               | 388   | 2.1        |
| Sandy Creek                      | At mouth lat 30°34'34", long 98°24'44"  | 0               | 391   | 0          |
| co <b>lorad</b> o Ri <b>v</b> er | Below mouth of Sandy Creek<br>lat 30°34'34", long 98°24'44"                           | 11,403          | 25,475                                      | 393.7      |
| Colorado River                   | At Alvin Wirtz Dam (Lake Lyndon B. Johnson)<br>lat 30°33'20", long 98°20'15"          | 11,403          | 25,523                                      | 387.2      |
| Little Flatrock Creek            | USGS discontinued gage 08152700 near Marble Falls, TX lat 30°30'52", long 98°18'44"   | 0               | 3.27  |            |
| Colorado River                   | At Max Starcke Dam (Marble Falls Lake)<br>lat 30°33'23", long 98°15'22"               | 11,403          | 25,605                                      | 381.8      |
| Colorado River                   | Above mouth of Hamilton Creek<br>lat 30°34'09", long 98°13'04"                        | 11,403          | 25,612                                      | 378.       |
| Hamilton Creek                   | Peak discharge site No. 204 in TBWE Bull. 5807C lat 30°39'16", long 98°13'43"         | 0               | 65.5  | 8.         |
| Hamilton Creek                   | At mouth lat 30°34'09", long 98°13'04"  | 0               | 83.6  | 0          |
| Colorado River                   | Below mouth of Hamilton Creek<br>lat 30°34'09", long 98°13'04"                        | 11,403          | 25,696                                      | 378.       |
| Colorado River                   | Above mouth of Pedernales River<br>lat 30°25'48", long 98°03'35"                      | 11,403          | 25,829                                      | 354.       |
| Pedernales River                 | Above mouth of Whiteoak Creek<br>lat 30°13'50", long 99°03'37"                        | 0               | 135   | 103.       |
| Whiteoak Creek                   | At mouth<br>lat 30°13'50", long 99°03'37"   | 0               | 27.7  | 0          |
| Pedernales River                 | Below mouth of Whiteoak Creek<br>lat 30°13'50", long 99°03'37"                        | 0               | 163   | 103.       |
| Pedernales River                 | Above mouth of Spring Creek<br>lat 30°12'49", long 99°01'07"                          | 0               | 170   | 99.        |
| Spring Creek                     | USGS discontinued gage 08152800 near Fredericksburg, TX lat 30°18'09", long 99°03'23" | 0               | 16.0  | 8.         |
| Spring Creek                     | At mouth lat 30°12'49", long 99°01'07"  | 0               | 43.2  | 0          |
| Pedernales River                 | Below mouth of Spring Creek<br>lat 30°12'49", long 99°01'07"                          | 0               | 213   | 99.        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream    | Point of determination   | Drainage area above point (square miles) |              | River miles |
|-------------------|--|--|--------------|-------------|
|                   |  | Noncontributing                          | Contributing | above mouth |
| Pedernales River  | Peak discharge site No. 207 in TBWE Bull. 5807C lat 30°12'34", long 99°00'08"  | 0  | 216          | 98.5        |
| Pedernales River  | Above mouth of Wolf Creek<br>lat 30°12'22", long 98°58'40"                     | 0  | 217          | 96.7        |
| Wolf Creek        | Peak discharge site No. 208 in TBWE Bull. 5807C lat 30°10'57", long 99°00'06"  | 0  | 31.8         | 3.5         |
| Wolf Creek        | At mouth lat 30°12'22", long 98°58'40"   | 0  | 38.8         | 0           |
| Pedernales River  | Below mouth of Wolf Creek<br>lat 30°12'22", long 98°58'40"                     | 0  | 256          | 96.7        |
| Pedernales River  | Above mouth of Bear Creek<br>lat 30°12'38", long 98°56'26"                     | 0  | 266          | 94.3        |
| Bear Creek        | Above mouth of Left Bear Creek<br>lat 30°10'11", long 98°56'06"                | 0  | 16.8         | 4.2         |
| Left Bear Creek   | At mouth lat 30°10'11", long 98°56'06"   | 0  | 11.8         | 0           |
| Bear Creek        | Below mouth of Left Bear Creek<br>lat 30°10'11", long 98°56'06"                | 0  | 28.5         | 4.2         |
| Bear Creek        | Peak discharge site No. 209 in TBWE Bull. 5807C lat 30°10'41", long 98°56'25"  | 0  | 30.4         | 3.5         |
| Bear Creek        | At mouth lat 30°12'38", long 98°56'26"   | 0  | 36.7         | 0           |
| Pedernales River  | Below mouth of Bear Creek<br>lat 30°12'38", long 98°56'26"                     | 0  | 303          | 94.3        |
| Pedernales River  | Above mouth of Live Oak Creek<br>lat 30°13'21", long 98°54'23"                 | 0  | 314          | 91.2        |
| Live Oak Creek    | Peak discharge site No. 210 in TBWE Bull. 5807C lat 30°14'46", long 98°54'56"  | 0  | 44.2         | 2.4         |
| Live Oak Creek    | At mouth<br>lat 30°13'21", long 98°54'23"                                      | 0  | 45.7         | 0           |
| Pedernales River  | Below mouth of Live Oak Creek<br>lat 30°13'21", long 98°54'23"                 | 0  | 360          | 91.2        |
| Pedernales River  | USGS gage 08152500 near Fredericksburg, TX lat 30°13'13", long 98°52'10"       | 0  | 369          | 88.7        |
| Pedernales River  | Above mouth of Palo Alto Creek<br>lat 30°14'21", long 98°46'05"                | 0  | 443          | 78.3        |
| Palo Alto Creek   | Peak discharge site No. 211 in TBWE Bull. 5807C lat 30°17'25", long 98°47'48"  | 0  | 36.3         | 5.3         |
| Palo Alto Creek   | At mouth lat 30°14'21", long 98°46'05"   | 0  | 51.3         | 0           |
| Pedernales River  | Below mouth of Palo Alto Creek<br>lat 30°14'21", long 98°46'05"                | 0  | 494          | 78.3        |
| Pedernales River  | Above mouth of South Grape Creck<br>lat 30°13'58", long 98°43'01"              | 0  | 507          | 74.6        |
| South Grape Creek | Peak discharge site No. 212 in TBWE Bull. 5807C lat 30°12'32", long 98°43'29"  | 0  | 60.9         | 2.2         |
| South Grape Creek | At mouth<br>lat 30°13'58", long 98°43'01"                                      | 0  | 63.0         | 0           |
| Pedernales River  | Below mouth of South Grape Creek<br>lat 30°13'58", long 98°43'01"              | 0  | 570          | 74.6        |
| Pedernales River  | USGS discontinued gage 08153000 at Stonewall, TX lat 30°14'30", long 98°39'44" | 0  | 609          | 69.5        |
| Pedernales River  | USGS gage 08153050 near Stonewall, TX lat 30°14'35", long 98°39'25"            | o  | 609          | 69.2        |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream    | Point of determination  | Drainage area above point (square miles) |              | River miles |  |
|-------------------|---|--|--------------|-------------|--|
|                   |   | Noncontributing                          | Contributing | above mouth |  |
| Cane Branch       | USGS discontinued gage 08153100 at Stonewall, TX lat 30°14'07", long 98°39'21"            | 0  | 1.37         | 0.6         |  |
| Pedernales River  | Above mouth of Rocky Creek<br>lat 30°16'10", long 98°32'01"                               | 0  | 682          | 60.2        |  |
| Rocky Creek       | Peak discharge site No. 214 in TBWE Bull. 5807C lat 30°15'26", long 98°31'43"             | 0  | 27.0         | 0.9         |  |
| Rocky Creek       | At mouth<br>lat 30°16'10", long 98°32'01"   | 0  | 28.3         | 0           |  |
| Pedernales River  | Below mouth of Rocky Creek<br>lat 30°16'10", long 98°32'01"                               | 0  | 710          | 60.2        |  |
| Pedernales River  | Above mouth of North Grape Creek lat 30°19'14", long 98°29'31"                            | 0  | 730          | 54.8        |  |
| North Grape Creek | Peak discharge site No. 215 in TBWE Bull. 5807C<br>lat 30°20'27", long 98°29'37"          | 0  | 108          | 2.3         |  |
| North Grape Creek | At mouth  | 0  | 116          | 0           |  |
| Pedernales River  | Below mouth of North Grape Creek<br>lat 30°19'14", long 98°29'31"                         | 0  | 846          | 54.8        |  |
| Pedernales River  | USGS gage 08153500 near Johnson City, TX lat 30°17'27", long 98°24'01"                    | 0  | 901          | 48.0        |  |
| Pedernales River  | Above mouth of Miller Creek lat 30°18'06", long 98°18'00"                                 | 0  | 959          | 34.7        |  |
| Miller Creek      | Peak discharge site No. 216 in TBWE Bull. 5807C lat 30°11'49", long 98°19'52"             | 0  | 48.3         | 12.6        |  |
| Miller Creek      | Peak discharge site No. 216 in TBWE Bull. 5807C lat 30°12'08", long 98°19'14"             | 0  | 49.0         | 11.9        |  |
| Miller Creek      | At mouth<br>lat 30°18'06", long 98°18'00"   | 0  | 88.5         | 0           |  |
| Pedernales River  | Below mouth of Miller Creek lat 30°18'06", long 98°18'00"                                 | 0  | 1,048        | 34.7        |  |
| Pedernales River  | Above mouth of Cypress Creek<br>lat 30°21'02", long 98°08'13"                             | 0  | 1,150        | 14.4        |  |
| Cypress Creek     | Peak discharge site No. 217 in TBWE Bull. 5807C<br>lat 30°22'58", long 98°14'58"          | 0  | 51.6         | 10.6        |  |
| Cypress Creek     | At mouth<br>lat 30°21'02", long 98°08'13"   | 0  | 81.7         | 0           |  |
| Pedernales River  | Below mouth of Cypress Creek<br>lat 30°21'02", long 98°08'13"                             | 0  | 1,232        | 14.4        |  |
| Pedernales River  | USGS discontinued gage 08154000 near Spicewood, TX lat 30°25'15", long 98°04'50"          | 0  | 1,271        | 4.9         |  |
| Pedernales River  | At mouth<br>lat 30°25'48", long 98°03'35"   | 0  | 1,281        | 0           |  |
| Colorado River    | Below mouth of Pedernales River<br>lat 30°25'48", long 98°03'35"                          | 11,403                                   | 27,110       | 354.6       |  |
| Colorado River    | USGS gage 08154500 at Mansfield Dam (Lake Travis) near Austin, TX                         |  |              | ·           |  |
| Colorado Pivor    | lat 30°23'29", long 97°54'24"  Above mouth of Bull Creek                                  | 11,403                                   | 27,352       | 318.0       |  |
| Colorado River    | lat 30°20'51", long 97°47'26"   | 11,403                                   | 27,397       | 301.8       |  |
| Bull Creek        | USGS gage 08154700 at Loop 360 near Austin, TX lat 30°22'19", long 97°47'04"              | 0  | 22.3         | 2.5         |  |
| West Bull Creek   | USGS discontinued gage 08154750 at Loop 360 near Austin, TX lat 30°21'34", long 97°47'21" | 0  | 6.77         | 0.1         |  |
| Bull Creek        | USGS discontinued gage 08154760 at FM 2222 near Austin, TX lat 30°21'33", long 97°47'13"  | 0  | 30.4         | 1.3         |  |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream      | Point of determination   |                 | Drainage area above point (square miles) |             |
|---------------------|--|-----------------|--|-------------|
|                     |  | Noncontributing | Contributing                             | above mouth |
| Bull Creek          | At mouth lat 30°20'51", long 97°47'26"   | 0               | 31.6                                     | 0           |
| Colorado River      | Below mouth of Bull Creek<br>lat 30°20'51", long 97°47'26"   | 11,403          | 27,429                                   | 301.8       |
| Colorado River      | Above mouth of Bee Creek<br>lat 30°17'50", long 97°47'15"  | 11,403          | 27,438                                   | 297.8       |
| Bee Creek           | USGS gage 08154950 at West Lake Drive near Austin, TX lat 30°18'11", long 97°47'43"                    | 0               | 3.28                                     | 0.6         |
| Bee Creek           | At mouth lat 30°17'50", long 97°47'15"   | 0               | 4.79                                     | 0           |
| Colorado River      | Below mouth of Bee Creek<br>lat 30°17'50", long 97°47'15"  | 11,403          | 27,443                                   | 297.8       |
| Colorado River      | At Tom Miller Dam (Lake Austin) at Austin, TX lat 30°17'37", long 97°47'06"                            | 11,403          | 27,443                                   | 297.6       |
| Colorado River      | Above mouth of Barton Creek<br>lat 30°16'01", long 97°45'40"   | 11,403          | 27,452                                   | 295.1       |
| Barton Creek        | Above mouth of Little Barton Creek lat 30°17'43", long 97°55'36"                                       | 0               | 78.4                                     | 21.0        |
| Little Barton Creek | Peak discharge site No. 227 in TBWE Bull. 5807C lat 30°18'17", long 97°57'28"                          | 0               | 7.66                                     | 3.4         |
| Little Barton Creek | At mouth lat 30°17'43", long 97°55'36"   | 0               | 11.3                                     | 0           |
| Barton Creek        | Below mouth of Little Barton Creek<br>lat 30°17'43", long 97°55'36"                                    | o               | 89.7                                     | 21.0        |
| Barton Creek        | USGS gage 08155200 at State Hwy. 71 near Oak Hill, TX lat 30°17'46", long 97°55'31"                    | 0               | 89.7                                     | 20.9        |
| Barton Creek        | Peak discharge site No. 229 in TBWE Bull. 5807C lat 30°15'08", long 97°48'51"                          | 0               | 114                                      | 6.1         |
| Barton Creek        | USGS gage 08155300 at Loop 360 near Austin, TX lat 30°14'40", long 97°48'02"                           | 0               | 116                                      | 4.5         |
| Barton Creek        | USGS gage 08155400 above Barton Springs at Austin, TX lat $30^{\circ}15'48"$ , long $97^{\circ}46'19"$ | 0               | 120                                      | 0.7         |
| Barton Creek        | USGS gage 08155505 below Barton Springs at Austin, TX lat 30°15'50", long 97°46'00"                    | 0               | 120                                      | 0.4         |
| Barton Creek        | At mouth lat 30°16'01", long 97°45'40"   | 0               | 120                                      | 0           |
| Colorado River      | Below mouth of Barton Creek<br>lat 30°16'01", long 97°45'40"   | 11,403          | 27,572                                   | 295.1       |
| Colorado River      | Above mouth of West Bouldin Creek lat 30°15'51", long 97°45'15"  | 11,403          | 27,572                                   | 294.7       |
| West Bouldin Creek  | USGS gage 08155550 at Riverside Drive, Austin, TX lat 30°15'49", long 97°45'17"                        | 0               | 3.12                                     | 0.1         |
| West Bouldin Creek  | At mouth<br>lat 30°15'51", long 97°45'15"  | 0               | 3.13                                     | 0           |
| Colorado River      | Below mouth of West Bouldin Creek<br>lat 30°15'51", long 97°45'15"                                     | 11,403          | 27,575                                   | 294.7       |
| Colorado River      | Above mouth of Shoal Creek<br>lat 30°15'54", long 97°45'02"  | 11,403          | 27,575                                   | 294.5       |
| Shoal Creek         | USGS gage 08156650 at Steck Avenue, Austin, TX lat 30°21'55", long 97°44'11"                           | 0               | 3.19                                     | 8.5         |
| Shoal Creek         | USGS gage 08156700 at Northwest Park, Austin, TX lat 30°20'44", long 97°44'43"                         | 0               | 7.03                                     | 6.9         |
| Shoal Creek         | USGS gage 08156750 at White Rock Drive, Austin, TX lat 30°20'21", long 97°44'50"                       | 0               | 7.56                                     | 6.4         |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream         | Point of determination   | Drainage area above point (square miles) |              | River miles<br>above mouth |  |
|------------------------|--|--|--------------|----------------------------|--|
|                        |  | Noncontributing                          | Contributing | above moden                |  |
|                        |  |  |              |                            |  |
| Shoal Creek            | Peak discharge site at 24th St., Austin, TX lat 30°17'18", long 97°45'11"                | 0  | 12.3         | 1.9                        |  |
| Shoal Creek            | USGS gage 08156800 at 12th St., Austin, TX lat 30°16'35", long 97°45'00"                 | 0  | 12.8         | 1.0                        |  |
| Shoal Creek            | At mouth lat 30°15'54", long 97°45'02"   | 0  | 13.6         | 0                          |  |
| Colorado River         | Below mouth of Shoal Creek<br>lat 30°15'54", long 97°45'02"                              | 11,403                                   | 27,589       | 294.5                      |  |
| Colorado River         | USGS discontinued gage 08155700 at Austin, TX lat 30°15'42", long 97°44'41"              | 11,403                                   | 27,589       | 294.1                      |  |
| Colorado River         | Above mouth of Waller Creek<br>lat 30°15'32", long 97°44'29"                             | 11,403                                   | 27,589       | 293.8                      |  |
| Waller Creek           | USGS gage 08157000 at 38th St., Austin, TX lat 30°17'52", long 97°43'36"                 | 0  | 2.31         | 3.3                        |  |
| Waller Creek           | Peak discharge site No. 236 in TBWE Bull. 5807C lat 30°17'37", long 97°43'40"            | 0  | 2.48         | 3.0                        |  |
| Waller Creek tributary | Peak discharge site No. 237 in TBWE Bull. 5807C lat 30°17'22", long 97°44'04"            | 0  | 1.27         |                            |  |
| Waller Creek           | USGS gage 08157500 at 23rd St., Austin, TX lat 30°17'08", long 97°44'01"                 | 0  | 4.13         | 2.2                        |  |
| Waller Creek           | Peak discharge site No. 238 in TBWE Bull. 5807C lat 30°16'56", long 97°44'00"            | 0  | 4.42         | 1.9                        |  |
| Waller Creek           | At mouth lat 30°15'32", long 97°44'29"   | 0  | 5.45         | 0                          |  |
| Colorado River         | Below mouth of Waller Creek<br>lat 30°15'32", long 97°44'29"                             | 11,403                                   | 27,594       | 293.8                      |  |
| Colorado River         | USGS gage 08157900 at Longhorn Dam (Town Lake), Austin, TX lat 30°14'58", long 97°42'47" | 11,403                                   | 27,600       | 291.6                      |  |
| Colorado River         | USGS gage 08158000 at Austin, TX<br>lat 30°14'40", long 97°41'39"                        | 11,403                                   | 27,606       | 290.3                      |  |
| Colorado River         | USGS discontinued gage 08158000 at Austin, TX lat 30°14'40", long 97°41'27"              | 11,403                                   | 27,607       | 290.1                      |  |
| Colorado River         | Above mouth of Boggy Creek<br>lat 30°15'42", long 97°39'37"                              | 11,403                                   | 27,609       | 287.8                      |  |
| Boggy Creek            | USGS gage 08158050 at US Hwy. 183, Austin, TX lat 30°15'47", long 97°40'20"              | 0  | 13.1         | 0.7                        |  |
| Boggy Creek            | At mouth lat 30°15'42", long 97°39'37"   | 0  | 13.4         | 0                          |  |
| Colorado River         | Below mouth of Boggy Creek<br>lat 30°15'42", long 97°39'37"                              | 11,403                                   | 27,622       | 287.8                      |  |
| Colorado River         | Above mouth of Walnut Creek<br>lat 30°15'42", long 97°38'24"                             | 11,403                                   | 27,623       | 286.7                      |  |
| Walnut Creek           | USGS gage 08158100 at FM 1325, Austin, TX lat 30°24'35", long 97°42'41"                  | 0  | 12.6         | 17.0                       |  |
| Walnut Creek           | Above mouth of Wells Creek lat 30°23'42", long 97°40'51"                                 | 0  | 16.6         | 14.1                       |  |
| Wells Creek            | USGS discontinued gage 08158130 at Parmer Lane, Austin, TX lat 30°24'31", long 97°40'52" | 0  | 3.85         | 1.2                        |  |
| Wells Creek            | At mouth lat 30°23'42", long 97°40'51"   | 0  | 4.18         | 0                          |  |
| Walnut Creek           | Below mouth of Wells Creek lat 30°23'42", long 97°40'51"                                 | 0  | 20.8         | 14.1                       |  |
| Walnut Creek           | USGS gage 08158200 at Dessau Rd., Austin, TX lat 30°22'30", long 97°39'37"               | 0  | 26.2         | 11.7                       |  |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream      | Point of determination  | Drainage area<br>(square |              | River miles  |  |
|---------------------|---|--------------------------|--------------|--------------|--|
|                     |   | Noncontributing          | Contributing | above modeli |  |
| Ferguson Branch     | USGS gage 08158300 at Springdale Rd., Austin, TX lat 30°19'53", long 97°39'12"            | 0                        | 1.63         | 0.4          |  |
| Walnut Creek        | Above mouth of Little Walnut Creek<br>lat 30°17'43", long 97°39'31"                       | 0                        | 37.6         | 4.0          |  |
| Little Walnut Creek | USGS gage 08158400 at IH 35, Austin, TX lat 30°20'57", long 97°41'31"                     | 0                        | 5.57         | 5.4          |  |
| Little Walnut Creek | USGS gage 08158500 at Manor Rd., Austin, TX lat 30°18'34", long 97°40'04"                 | o                        | 12.1         | 1.3          |  |
| Little Walnut Creek | At mouth lat 30°17'43", long 97°39'31"  | 0                        | 13.1         | 0            |  |
| Walnut Creek        | Below mouth of Little Walnut Creek<br>lat 30°17'43", long 97°39'31"                       | 0                        | 50.7         | 4.0          |  |
| Walnut Creek        | USGS gage 08158600 at Webberville Rd., Austin, TX lat 30°16'59", long 97°39'17"           | 0                        | 51.3         | 2.8          |  |
| Walnut Creek        | USGS gage 08158640 at Southern Pacific Railroad, Austin, TX lat 30°15'58", long 97°39'24" | 0                        | 53.5         | 1.3          |  |
| Walnut Creek        | At mouth lat 30°15'42", long 97°38'24"  | 0                        | 56.5         | o            |  |
| Colorado River      | Below mouth of Walnut Creek<br>lat 30°15'42", long 97°38'24"                              | 11,403                   | 27,679       | 286.7        |  |
| Colorado Ríver      | USGS gage 08158650 at FM 973, Austin, TX lat 30°12'28", long 97°38'15"                    | 11,403                   | 27,694       | 280.5        |  |
| Colorado River      | Above mouth of Onion Creek<br>lat 30°12'20", long 97°35'18"                               | 11,403                   | 27,700       | 274.8        |  |
| Onion Creek         | Peak discharge site No. 241 in TBWE Bull. 5807C lat 30°11'13", long 98°06'53"             | 0                        | 36.8         | 63.0         |  |
| Onion Creek         | Above mouth of South Onion Creek<br>lat 30°08'49", long 98°04'34"                         | o                        | 46.2         | 58.6         |  |
| South Onion Creek   | At mouth<br>lat 30°08'49", long 98°04'34"   | 0                        | 23.9         | 0            |  |
| Onion Creek         | Below mouth of South Onion Creek<br>lat 30°08'49", long 98°04'34"                         | 0                        | 70.1         | 58.6         |  |
| Onion Creek         | USGS gage 08158700 near Driftwood, TX<br>lat 30°05'00", long 98°00'29"                    | 0                        | 124          | 46.1         |  |
| Onion Creek         | USGS gage 08158800 at Buda, TX<br>lat 30°05'10", long 97°50'53"                           | 0                        | 166          | 30.8         |  |
| Onion Creek         | Above mouth of Bear Creek<br>lat 30°07'40", long 97°49'13"                                | 0                        | 180          | 25.3         |  |
| Bear Creek          | USGS gage 08158810 below FM 1826 near Driftwood, TX lat 30°09'19", long 97°56'23"         | 0                        | 12.2         | 10.9         |  |
| Bear Creek          | USGS gage 08158820 at FM 1636 near Manchaca, TX lat 30°08'25", long 97°50'50"             | 0                        | 24.0         | 2.6          |  |
| Bear Creek          | Above mouth of Little Bear Creek<br>lat 30°07'51", long 97°50'19"                         | 0                        | 26.4         | 1.3          |  |
| Little Bear Creek   | USGS 08158825 at FM 1626 near Manchaca, TX 1at 30°07'32", long 97°51'43"                  | 0                        | 21.0         | 2.3          |  |
| Little Bear Creek   | At mouth lat 30°07'51", long 97°50'19"  | 0                        | 23.1         | 0            |  |
| Bear Creek          | Below mouth of Little Bear Creek<br>lat 30°07'51", long 97°50'19"                         | 0                        | 49.5         | 1.3          |  |
| Bear Creek          | At mouth lat 30°07'40", long 97°49'13"  | 0                        | 50.6         | 0            |  |
| Onion Creek         | Below mouth of Bear Creek<br>lat 30°07'40", long 97°49'13"                                | o                        | 230          | 25.3         |  |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream    | Point of determination  |                 | Drainage area above point<br>(square miles) |             |
|-------------------|---|-----------------|---|-------------|
|                   |   | Noncontributing | Contributing                                | above mouth |
| Onion Creek       | Above mouth of Slaughter Creek<br>lat 30°09'11", long 97°46'48"                   | 0               | 245   | 20.0        |
| Slaughter Creek   | USGS gage 08158840 at FM 1826 near Austin, TX lat 30°12'32", long 97°54'11"       | 0               | 8.24  | 13.1        |
| Slaughter Creek   | USGS gage 08158860 at FM 2304 near Austin, TX lat 30'09'43", long 97"49'55"       | 0               | 23.1  | 5.5         |
| Slaughter Creek   | At mouth<br>lat 30'09'11", long 97°46'48"   | 0               | 30.7  | 0           |
| Onion Creek       | Below mouth of Slaughter Creek<br>lat 30°09'11", long 97°46'48"                   | 0               | 276   | 20.0        |
| Onion Creek       | Above mouth of Boggy Creek<br>lat 30°10'05", long 97°45'49"                       | 0               | 277   | 18.1        |
| Boggy Creek       | USGS gage 08158880 at Circle S Rd., Austin, TX lat 30°10'50", long 97°46'55"      | 0               | 3.58  | 2.0         |
| Boggy Creek       | At mouth<br>lat 30°10'05", long 97°45'49"   | 0               | 4.70  | 0           |
| Onion Creek       | Below mouth of Boggy Creek<br>lat 30°10'05", long 97°45'49"                       | 0               | 282   | 18.1        |
| Onion Creek       | Above mouth of Williamson Creek<br>lat 30°11'18", long 97°43'19"                  | 0               | 291   | 13.0        |
| Williamson Creek: |   |                 |   |             |
| Fox Branch        | USGS discontinued gage 08158900 near Oak Hill, TX lat 30°14'01", long 97°52'29"   | 0               | 0.18  |             |
| Williamson Creek  | USGS gage 08158920 at Oak Hill, TX lat 30°14'06", long 97°51'36"                  | 0               | 6,30  | 13.8        |
| Williamson Creek  | USGS gage 08158930 at Manchaca Rd., Austin, TX lat 30°13'16", long 97°47'36"      | 0               | 19.0  | 8.5         |
| Williamson Creek  | USGS gage 08158970 at Jimmy Clay Rd., Austin, TX lat 30°11'21", long 97°43'56"    | 0               | 27.6  | 1.3         |
| Williamson Creek  | At mouth lat 30°11'18", long 97°43'19"  | 0               | 30.4  | 0           |
| Onion Creek       | Below mouth of Williamson Creek<br>lat 30°11'18", long 97°43'19"                  | 0               | 321   | 13.0        |
| Onion Creek       | USGS gage 08159000 at US Hwy. 183, Austin, TX 1at 30°10'40", long 97°41'19"       | 0               | 321   | 10.6        |
| Onion Creek       | USGS discontinued gage 08159100 below Del Valle, TX lat 30°11'22", long 97°37'12" | 0               | 341   | 4.4         |
| Onion Creek       | At mouth lat 30°12'20", long 97°35'18"  | 0               | 344   | 0           |
| Colorado River    | Below mouth of Onion Creek<br>lat 30°12'20", long 97°35'18"                       | 11,403          | 28,044                                      | 274.8       |
| Colorado River    | Above mouth of Gilleland Creek<br>lat 30°13'34", long 97°32'27"                   | 11,403          | 28,051                                      | 271.7       |
| Gilleland Creek   | Above mouth of Decker Creek<br>lat 30°14'30", long 97°33'00"                      | 0               | 49.1  | 1.8         |
| Decker Creek      | Decker Creek Dam (Lake Long)<br>lat 30°17'08", long 97°35'48"                     | 0               | 9.58  | 5.9         |
| Decker Creek      | At mouth<br>lat 30°14'30", long 97°33'00"   | 0               | 17.5  | 0           |
| Gilleland Creek   | Below mouth of Decker Creek<br>lat 30°14'30", long 97°33'00"                      | o               | 66.6  | 1.8         |
| Gilleland Creek   | At mouth<br>lat 30°13'34", long 97°32'27"   | 0               | 75.6  | 0           |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream     | Point of determination   |                 | Drainage area above point (square miles) |             |
|--------------------|--|-----------------|--|-------------|
|                    |  | Noncontributing | Contributing                             | above mouth |
|                    |  |                 |  |             |
| Colorado River     | Below mouth of Gilleland Creek<br>lat 30°13'34", long 97°32'27"                | 11,403          | 28,127                                   | 271.7       |
| Colorado River     | Above mouth of Wilbarger Creek<br>lat 30°10'54", long 97°22'39"                | 11,403          | 28,230                                   | 248.3       |
| Wilbarger Creek    | USGS gage 08159150 near Pflugerville, TX lat 30°27'16", long 97°36'02"         | 0               | 4.61                                     | 38.7        |
| Wilbarger Creek    | At mouth<br>lat 30°10'54", long 97°22'39"                                      | 0               | 180                                      | 0           |
| Colorado River     | Below mouth of Wilbarger Creek<br>lat 30°10'54", long 97°22'39"                | 11,403          | 28,410                                   | 248.3       |
| Colorado River     | Above mouth of Big Sandy Creek<br>lat 30°09'54", long 97°21'13"                | 11,403          | 28,413                                   | 245.2       |
| Big Sandy Creek    | USGS gage 08159165 near McDade, TX<br>lat 30°18'17", long 97°17'48"            | 0               | 40.0                                     | 14.2        |
| Big Sandy Creek    | USGS gage 08159170 near Elgin, TX<br>lat 30°15'55", long 97°19'40"             | 0               | 62.6                                     | 10.8        |
| Camp Creek         | USGS discontinued gage 08159175 near Elgin, TX lat 30°14'52", long 97°19'16"   | 0               | 0.36                                     | 0.4         |
| Dogwood Creek      | USGS gage 08159180 near McDade, TX<br>lat 30°14'29", long 97°17'03"            | 0               | 0.53                                     |             |
| Big Sandy Creek    | At mouth lat 30°09'54", long 97°21'13"   | 0               | 110                                      | 0           |
| Colorado River     | Below mouth of Big Sandy Creek<br>lat 30°09'54", long 97°21'13"                | 11,403          | 28,523                                   | 245.2       |
| Colorado River     | USGS gage 08159200 at Bastrop, TX<br>lat 30°06'20", long 97°19'08"             | 11,403          | 28,576                                   | 236.7       |
| Colorado River     | Above mouth of Cedar Creek<br>lat 30°01'32", long 97°16'53"                    | 11,403          | 28,603                                   | 224.7       |
| Cedar Creek        | USGS discontinued gage 08159300 near Bastrop, TX lat 30°01'47", long 97°20'19" | 0               | 280                                      | 5.6         |
| Cedar Creek        | Above mouth of Piney Creek<br>lat 30°02'02", long 97°18'53"                    | 0               | 281                                      | 3.8         |
| Piney Creek        | USGS discontinued gage 08159400 near Bastrop, TX lat 30°01'43", long 97°18'55" | 0               | 60.0                                     | 0.6         |
| Piney Creek        | At mouth lat 30°02'02", long 97°18'53"   | 0               | 63.1                                     | 0           |
| Cedar Creek        | Below mouth of Piney Creek<br>lat 30°02'02", long 97°18'53"                    | 0               | 344                                      | 3.8         |
| Cedar Creek        | At mouth lat 30°01'32", long 97°16'53"   | 0               | 351                                      | 0           |
| Colorado River     | Below mouth of Cedar Creek<br>lat 30°01'32", long 97°16'53"                    | 11,403          | 28,954                                   | 224.7       |
| Colorado River     | Above mouth of Little Piney Creek<br>lat 30°01'29", long 97°16'39"             | 11,403          | 28,954                                   | 224.5       |
| Little Piney Creek | Peak discharge site near Bastrop, TX<br>lat 30°01'00", long 97°16'38"          | 0               | 7.30                                     | 0.8         |
| Little Piney Creek | At mouth lat 30°01'29", long 97°16'39"   | 0               | 8.25                                     | 0           |
| Colorado River     | Below mouth of Little Piney Creek<br>lat 30°01'29", long 97°16'39"             | 11,403          | 28,962                                   | 224.5       |
| Colorado River     | Above mouth of Reeds Creek<br>lat 30°00'38", long 97°14'55"                    | 11,403          | 28,968                                   | 221.3       |
| Reeds Creek        | USGS discontinued gage 08159450 near Bastrop, TX lat 30°00'26", long 97°15'03" | 0               | 5.31                                     | 0.8         |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream       | Point of determination   |                 | Drainage area above point (square miles) |             |
|----------------------|--|-----------------|--|-------------|
|                      |  | Noncontributing | Contributing                             | above mouth |
| Reeds Creek          | At mouth   |                 |  |             |
|                      | lat 30°00'38", long 97°14'55"  | o               | 8.11                                     | 0           |
| Colorado River       | Below mouth of Reeds Creek<br>lat 30°00'38", long 97°14'55"  | 11,403          | 28,976                                   | 221.3       |
| Colorado River       | USGS discontinued gage 08159500 at Smithville, TX lat 30°00'48", long 97°09'23"                    | 11,403          | 29,058                                   | 212.0       |
| Dry Creek            | USGS discontinued gage 08160000 at Buescher Lake near Smithville, TX lat 30°02'32", long 97°09'23" | 0               | 1.55                                     |             |
| Colorado River       | Above mouth of Rabbs Creek<br>lat 29°58'40", long 96°55'21"  | 11,403          | 29,313                                   | 186.3       |
| Rabbs Creek          | Peak discharge site No. 250 in TBWE Bull. 5807C lat 30°01'48", long 96°54'39"                      | 0               | 90.0                                     | 5.9         |
| Rabbs Creek          | At mouth<br>lat 29°58'40", long 96°55'21"  | 0               | 125                                      | 0           |
| Colorado River       | Below mouth of Rabbs Creek<br>lat 29°58'40", long 96°55'21"  | 11,403          | 29,438                                   | 186.3       |
| Colorado River       | Above mouth of Buckners Creek lat 29°53'44", long 96°53'05"  | 11,403          | 29,472                                   | 175.5       |
| Buckners Creek       | Peak discharge site No. 252 in TBWE Bull. 5807C lat 29°53'08", long 96°53'52"                      | 0               | 181                                      | 1.7         |
| Buckners Creek       | At mouth lat 29°53'44", long 96°53'05"   | 0               | 185                                      | 0           |
| Colorado River       | Below mouth of Buckners Creek<br>lat 29°53'44", long 96°53'05"                                     | 11,403          | 29,657                                   | 175.5       |
| Colorado River       | USGS discontinued gage 08160500 at La Grange, TX lat 29°53'45", long 96°52'15"                     | 11,403          | 29,658                                   | 174.5       |
| Baylor Creek         | At proposed Baylor Creek Dam (Baylor Creek Reservoir)<br>lat 29°55'04", long 96°45'56"             | 0               | 4.50                                     | 4.6         |
| Cedar Creek          | At Cedar Creek Dam (Cedar Creek Reservoir)<br>lat 29°54'56", long 96°44'10"                        | 0               | 6.06                                     | 6.2         |
| Colorado River       | Above mouth of Cummins Creek lat 29°43'26", long 96°30'54"   | 11,403          | 29,919                                   | 137.5       |
| Cummins Creek        | Above mouth of Redgate Creek<br>lat 29°47'06", long 96°33'02"                                      | 0               | 265                                      | 9.2         |
| Redgate Creek        | USGS gage 08160800 near Columbus, TX lat 29°47'56", long 96°31'55"                                 | 0               | 17.3                                     | 1.9         |
| Redgate Creek        | At mouth lat 29°47'06", long 96°33'02"   | 0               | 18.7                                     | 0           |
| Cummins Creek        | Below mouth of Redgate Creek<br>lat 29°47'06", long 96'33'02"                                      | 0               | 284                                      | 9.2         |
| Cummins Creek        | At mouth lat 29°43'26", long 96°30'54"   | 0               | 317                                      | 0           |
| Colorado River       | Below mouth of Cummins Creek lat 29°43'26", long 96°30'54"   | 11,403          | 30,236                                   | 137.5       |
| Colorado River       | USGS gage 08161000 at Columbus, TX 1at 29°42'22", long 96°32'12"                                   | 11,403          | 30,237                                   | 135.1       |
| Colorado River       | USGS discontinued gage 08161500 near Eagle Lake, TX lat 29°34'11", long 96°24'06"                  | 11,403          | 30,328                                   | 112.4       |
| Colorado River       | Above mouth of Skull Creek lat 29°31'53", long 96°24'23"   | 11,403          | 30,331                                   | 109.3       |
| Skull Creek:         | ,,   | ,               |  |             |
| Dry Branch:          |  |                 |  |             |
| Dry Branch tributary | USGS discontinued gage 08161580 near Altair, TX lat 29°34'39", long 96°28'16"                      | 0               | 0.68                                     |             |

TABLE 1.--Drainage-area data for the Colorado River basin--Continued

| Name of stream                   | Point of determination  |                      | Drainage area above point<br>(square miles) |             |
|----------------------------------|---|----------------------|---|-------------|
|                                  |   | Noncontributing      | Contributing                                | above mouth |
| Skull Creek                      | At mouth<br>lat 29°31'53", long 96°24'23"                             | 0                    | 112   | 0           |
| Colorado River                   | Below mouth of Skull Creek<br>lat 29°31'53", long 96°24'23"           | 11,403               | 30,443                                      | 109.3       |
| Colorado River                   | USGS gage 08162000 at Wharton, TX<br>lat 29°18'32", long 96°06'13"    | 11,403               | 30,600                                      | 66.6        |
| Colorado River                   | USGS gage 08162500 near Bay City, TX<br>lat 28°58'26", long 96°00'44" | 11,403               | 30,837                                      | 32.5        |
| West Branch Colorado River c/    | At mouth<br>lat 28°38'49", long 96°00'39"                             | 0                    | (19.2)                                      | 0           |
| Colorado River                   | At mouth<br>lat 28°38'49", long 95°58'58"                             | 11,403               | 30,915                                      | 0           |
| E/ West Branch Colorado River do | es not contribute, but distributes from the Colorado Rive             | r at certain stages. |   |             |
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