

In cooperation with the Texas Water Development Board

Results of Streamflow Gain-Loss Studies in Texas, With Emphasis on Gains From and Losses to Major and Minor Aquifers

Open-File Report 02-068

**U.S. Department of the Interior
U.S. Geological Survey**

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By Raymond M. Slade, Jr., J. Taylor Bentley, and Dana Michaud

**U.S. GEOLOGICAL SURVEY
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In cooperation with the Texas Water Development Board

**Austin, Texas
2002**

U.S. DEPARTMENT OF THE INTERIOR

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U.S. GEOLOGICAL SURVEY

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Abstract

Data for all 366 known streamflow gain-loss studies conducted by the U.S. Geological Survey in Texas were aggregated. A water-budget equation that includes discharges for main channels, tributaries, return flows, and withdrawals was used to document the channel gain or loss for each of 2,872 subreaches for the studies. The channel gain or loss represents discharge from or recharge to aquifers crossed by the streams. Where applicable, the major or minor aquifer outcrop traversed by each subreach was identified, as was the length and location for each subreach. These data will be used to estimate recharge or discharge for major and minor aquifers in Texas, as needed by the Ground-Water Availability Modeling Program being conducted by the Texas Water Development Board. The data also can be used, along with current flow rates for streamflow-gaging stations, to estimate streamflow at sites remote from gaging stations, including sites where streamflow availability is needed for permitted withdrawals.

INTRODUCTION

As part of the Ground-Water Availability Modeling (GAM) Program currently (2001) being conducted by the Texas Water Development Board (TWDB), data are needed to quantify the interaction of surface water and ground water for the nine major aquifers (Ashworth and Hopkins, 1995) and most of the 20 minor aquifers in Texas. Where streams flow across aquifer outcrops, channel gains and losses constitute aquifer discharge and recharge, respectively. To make this aquifer discharge and recharge information available for the GAM Program, the U.S. Geological Survey (USGS), in cooperation with the TWDB, compiled data and computed

streamflow gains and losses from all available records of gain-loss studies done by the USGS in Texas.

Since 1918, the USGS has conducted streamflow gain-loss studies on streams throughout much of Texas. The usual objective of the gain-loss studies was to obtain data that could be used to estimate discharge from or recharge to shallow aquifers. Most gain-loss studies were done during low-flow conditions because low flows are more likely to be steady (not changing with time) than other flows (except in reaches downstream from major springs or reaches downstream from reservoirs where sustained releases account for most of the flow).

In 1958, the data for all known streamflow gain-loss studies were compiled and published in a report by the Texas Board of Water Engineers (currently the TWDB) and the USGS (Texas Board of Water Engineers, 1960). The data for most of the studies done since 1958 have been published in annual data reports and other reports by the USGS. This study carries the documentation of gain-loss studies a step farther: The gains and losses in stream subreaches (channel segments between flow-measuring sites in a reach) were related to major and minor aquifer outcrops in digital and geographic information system (GIS) databases.

Purpose and Scope

The purpose of this report is to summarize the results of 366 gain-loss studies involving 249 unique reaches of streams throughout Texas since 1918. The locations of subreaches for which gains and losses were computed are indicated by streamflow-measurement sites on maps of major and minor aquifer outcrops. The gain-loss studies are tabulated by sequential number, major river basin, stream name, and reach identification, and the total gain or loss for each reach is given. The gains and losses for each subreach are tabulated by sequential number for the gain-loss study and located by latitude and longitude of the upstream end of the

subreach. Where applicable, the major or minor aquifer outcrop traversed by a subreach is identified.

Ancillary Benefits

The compilation of streamflow gain-loss data could be beneficial to the Water Uses and Availability Section of the Water Resources Management Division of the Texas Natural Resource Conservation Commission (TNRCC). That section is responsible for permitting surface-water withdrawals in Texas. Most of the recently issued permits represent contingency permits, which authorize surface-water withdrawals only when the streamflow exceeds a threshold rate. The threshold streamflow rate for each contingency permit generally represents the total discharge needed to sustain permitted withdrawals downstream from the withdrawal point for the contingency permit plus any streamflow required as inflow to receiving bays or estuaries. Contingency permits are used to protect the existing water rights of users downstream from newer users.

The TNRCC and others associated with surface-water usage often use USGS current streamflow data available on the World Wide Web to verify existing streamflow conditions pertinent to contingency permits. However, there are only about 350 existing streamflow-gaging stations, and the location of withdrawal points for contingency permits often are many miles from the nearest streamflow-gaging station. Stream-channel gain and loss data can be used, along with the current streamflow rates for gaging stations, to estimate the current streamflow for sites remote from the gaging stations, including sites that represent surface-water withdrawals for contingency permits.

Reservoir owners also could benefit from the compilation of streamflow gain-loss data. Many reservoir owners are required to release sufficient water to sustain the permitted withdrawal rate for downstream water rights. The permitted users are guaranteed a specific withdrawal rate. The gains and losses of channel flow can be used by reservoir owners to help determine reservoir release rates needed to sustain permitted downstream withdrawal rates.

Method of Gain-Loss Studies

The usual method of gain-loss studies is to identify a stream reach and obtain streamflow measurements along the main channel of the reach. The location of each main-channel measurement site is referenced and documented as a distance on the stream channel, usually

upstream from its mouth. The channel gain or channel loss can be computed for the subreach between each main-channel measurement site by equating inflows to outflows plus flow gain or loss in the subreach:

$$Q_u + Q_t + Q_r = Q_d + Q_w + Q_e + Q_g, \quad (1)$$

where

- Q_u = streamflow in at upstream end of subreach;
- Q_t = streamflow from tributaries into subreach;
- Q_r = return flows to subreach;
- Q_d = streamflow out at downstream end of subreach;
- Q_w = withdrawals from subreach;
- Q_e = evapotranspiration from subreach; and
- Q_g = gain (positive) or loss (negative) in subreach.

Thus,

$$Q_g = Q_u + Q_t + Q_r - Q_d - Q_w - Q_e. \quad (2)$$

For most streams, underflow (flow parallel to stream through shallow channel-bed deposits) and bank storage are considered negligible or minimal.

Many of the studies were done during winter to minimize evapotranspiration. Also, the short length of most subreaches and minimal width of the streams during low-flow conditions would allow only minimal evapotranspiration losses. Therefore, Q_e is assumed to be zero in the computations for this report. In each gain-loss study, attempts were made to identify and measure the discharge for all flowing tributaries, return flows, and withdrawals. If these discharges could not be measured, attempts were made to obtain the discharges from other sources such as the TNRCC. However, the USGS cannot verify that all inflow or outflow sources for the reaches were accounted for.

RESULTS

Studies in All Reaches

Three-hundred sixty-six streamflow gain-loss studies in 249 unique reaches were identified and included in this investigation. More than one study has been done at many of the reaches. The locations of streamflow-measurement sites for the studies are shown on plate 1. The studies included about 4,941 measurements of which 3,238 were made at sites on the main channels of the study reaches; the remaining measurements were made on tributaries to the main channels or represent withdrawals. A tabular summary of the flow-loss studies (table 1) includes for each study the major

river basin, stream name, study reach identification, date of study, reach length (in river miles), total number of measurement sites, number of sites on the main channel, major aquifer outcrop(s) intersected by the reach, total streamflow gain or loss in the reach, streamflow gain or loss per mile of reach length, and reference for the data. The reaches for many studies are identified in table 1 by eight-digit numbers for streamflow-gaging stations. Station numbers and associated station names for Texas streamflow-gaging stations with daily streamflow data are listed in table 2.

Table 3 presents selected streamflow characteristics for all streamflow-gaging stations with computer-stored discharge measurements and daily mean streamflows in Texas (346 sites). These data include the station number and name, latitude and longitude, contributing drainage area, and the following data pertinent to median flow conditions: the streamflow, gage height, stream width, stream cross-sectional area, mean velocity, and mean stream depth. Also presented is the elevation of the datum of the gage, which can be added to the gage height to obtain the water-surface elevation above sea level for the median streamflow. The streamflow at the gaging station during a gain-loss study can be compared to the median streamflow to assess the flow conditions during the study.

Equation 2 was used to compute the streamflow gain or loss for each subreach. The data and information for the gains or losses in each of 2,872 subreaches (table 4) include the latitude and longitude at the upstream end of the subreach, the underlying major or minor aquifer outcrop, the streamflow gain or loss, the stream subreach length, the location (river mile) of the upstream end of the subreach, and a descriptive location for selected upstream ends.

The data for most of the studies have been published. The references (table 1) can be consulted for additional information about a study. Detailed descriptions for most of the measuring-site locations are in the referenced reports.

Studies in Reaches Intersecting Aquifer Outcrops

Most of the gain-loss studies involved reaches that intersect at least one major aquifer outcrop, and many intersect more than one major aquifer outcrop (pl. 1). Relatively few studies have been done involving reaches that intersect the outcrops of the Hueco-Mesilla Bolson and Ogallala aquifers and none involving the

Seymour aquifer (see table below); however, gain-loss studies have been done for many of the major streams that intersect the other six major aquifer outcrops.

Numbers of gain-loss studies associated with the nine major aquifer outcrops in Texas

| Major aquifer outcrop | Number of gain-loss studies |
|-------------------------------|-----------------------------|
| Carrizo-Wilcox | 47 |
| Cenozoic Pecos Alluvium | 53 |
| Edwards (Balcones fault zone) | 126 |
| Edwards-Trinity (Plateau) | 82 |
| Gulf Coast | 28 |
| Hueco-Mesilla Bolson | 6 |
| Ogallala | 5 |
| Seymour | 0 |
| Trinity | 92 |

Plate 2 shows the locations of gain-loss studies in reaches that intersect outcrops of minor aquifers in Texas. Not surprisingly, fewer studies involved reaches intersecting minor aquifer outcrops because the areal extent of minor aquifer outcrops is appreciably less than that of major aquifers.

Additional Information and Qualifications

Streamflow studies were conducted more than once for many of the reaches. For most reaches with multiple studies, the gains or losses differ between the studies. Much of the difference in gains or losses probably is caused by varying water levels in aquifers adjacent to the reaches. For example, periods of high recharge preceding a study could result in large flow gains, and "dry" conditions preceding a study could result in smaller gains or result in losses. Also, varying bank storage could cause differences in gains or losses. As previously stated, the studies summarized in this report considered bank storage to be minimal or negligible. However, bank storage could represent a substantial source of inflow to main channels of some streams, particularly streams in alluvial outcrops. Streamflow data from nearby gaging stations, if available, can indicate whether bank flow is more than a minimal source of water. Large daily streamflows for dates preceding a

gain-loss study could imply high recharge conditions and substantial bank flow.

Streamflow data from gaging stations can be used to supplement or augment data from channel gain-loss studies. For example, many streams have more than one gaging station. Daily flow data at proximate gaging sites on the same stream can be used to estimate gains or losses in channel flow for the reach between the stations. Current and historic streamflow data for Texas streamflow-gaging stations are available on the World Wide Web at <http://tx.usgs.gov>

Streamflow gains and losses are subject to error because of potential error in the streamflow measurements. The potential error in each streamflow measurement typically is about 5 to 8 percent; however, the potential error for most streamflow gains or losses is larger than that, and the potential error increases as the ratio of the gain (or loss) to the measured flow increases. For example, the potential error in a measured flow of 10 cubic feet per second (ft^3/s) for a main-channel site would be about $0.5 \text{ ft}^3/\text{s}$, and the potential error for $11 \text{ ft}^3/\text{s}$ measured at a downstream main channel site would be about $0.5 \text{ ft}^3/\text{s}$. The total potential error therefore would be about $1.0 \text{ ft}^3/\text{s}$ for the two measured flows, which is comparable to the computed gain of $1.0 \text{ ft}^3/\text{s}$ for the reach between the sites; thus the actual gain could range from 0 to $2.0 \text{ ft}^3/\text{s}$.

SELECTED REFERENCES

- Ashworth, J.B., and Hopkins, Janie, 1995, Major and minor aquifers of Texas: Texas Water Development Board Report 345, 69 p.
- Baker, E.T., Jr., Slade, R.M., Jr., Dorsey, M.E., and Ruiz, L.M., 1986, Geohydrology of the Edwards aquifer in the Austin area, Texas: Texas Water Development Board Report 293, 216 p.
- Land, L.F., Boning, C.W., Harmsen, Lynn, and Reeves, R.D., 1983, Streamflow losses along the Balcones fault zone, Nueces River Basin, Texas: U.S. Geological Survey Water-Resources Investigations Report 83-4168, 72 p.
- Slade, R.M., Jr., Gaylord, J.L., Dorsey, M.E., Mitchell, R.N., and Gordon, J.D., 1982, Hydrologic data for urban studies in the Austin, Texas, metropolitan area, 1980: U.S. Geological Survey Open-File Report 82-506, 264 p.
- Texas Board of Water Engineers, 1960, Channel gain and loss investigations, Texas streams, 1918-1958: Texas Board of Water Engineers Bulletin 5807-D, 270 p.
- U.S. Geological Survey, 1963-65, Surface water records of Texas 1962-64: U.S. Geological Survey [variously paged].
- _____, 1966-70, 1972, 1975, Water resources data for Texas, water years 1965-69, 1971, 1974—Part 1. Surface water records: U.S. Geological Survey [variously paged].
- _____, 1976-77, 1981-82a, 1986, Water resources data for Texas, water years 1975-76, 1980-81, 1985—Volume 3. Colorado River Basin, Lavaca River Basin, Guadalupe River Basin, Nueces River Basin, Rio Grande Basin, and intervening coastal basins: U.S. Geological Survey Water-Data Reports TX-75-3, 510 p.; TX-76-3, 557 p.; TX-80-3, 583 p.; TX-81-3, 599 p.; TX-85-3, 447 p.
- _____, 1980, Water resources data for Texas, water year 1979—Volume 2. San Jacinto River Basin, Brazos River Basin, San Bernard River Basin, and intervening coastal basins: U.S. Geological Survey Water-Data Report TX-79-2, 511 p.
- _____, 1982b, Water resources data for Texas, water year 1981—Volume 1. Arkansas River Basin, Red River Basin, Sabine River Basin, Neches River Basin, Trinity River Basin, and intervening coastal basins: U.S. Geological Survey Water-Data Report TX-81-1, 597 p.

Table 1. Characteristics of flow gain-loss studies in Texas

[mi, miles; ft³/s, cubic feet per second; ft³/s-mi, cubic feet per second per mile; Cr, Creek; USGS, U.S. Geological Survey; --, not applicable; R, River; TBWE, Texas Board of Water Engineers; Fk, Fork; ft, feet; PCWID, Pecos County Water Improvement District; IBWC, International Boundary and Water Commission; RCWID, Reeves County Water Improvement District]

Note: Eight digit streamflow-gaging stations used to identify some reaches

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|------------------------|--|---------------|-------------------------|--------------------------------|--|---|--|--|--------------------|
| 1 | Brazos | Berry Cr | Briggs to mouth (northeast of Georgetown) | 4/21–24/1978 | 30.1 | 17 | 11 | Edwards | 2.25 | 0.075 | USGS (1980) |
| 2 | Brazos | Berry Cr | Briggs to mouth (northeast of Georgetown) | 8/15/1978 | 30.1 | 17 | 11 | Edwards | –.21 | –.007 | USGS (1980) |
| 3 | Brazos | Berry Cr | Briggs to mouth (northeast of Georgetown) | 2/15/1979 | 30.1 | 17 | 11 | Edwards | 31.29 | 1.04 | USGS (1980) |
| 4 | Brazos | Berry Cr | Briggs to mouth (northeast of Georgetown) | 8/14–15/1979 | 30.1 | 17 | 11 | Edwards | 21.75 | .723 | USGS (1980) |
| 5 | Brazos | Brushy Cr | northwest of Leander to 4 mi east of Round Rock | 4/17–18/1978 | 20.8 | 21 | 8 | Edwards | 6.05 | .291 | USGS (1980) |
| 6 | Brazos | Brushy Cr | northwest of Leander to 4 mi east of Round Rock | 8/17–18/1978 | 20.8 | 21 | 8 | Edwards | .07 | .003 | USGS (1980) |
| 7 | Brazos | Brushy Cr | northwest of Leander to 4 mi east of Round Rock | 2/13–14/1979 | 20.8 | 21 | 8 | Edwards | 48.05 | 2.31 | USGS (1980) |
| 8 | Brazos | Brushy Cr | northwest of Leander to 4 mi east of Round Rock | 8/13–14/1979 | 20.8 | 21 | 8 | Edwards | 6.57 | .316 | USGS (1980) |
| 9 | Brazos | Hubbard Cr | county road 2.5 mi north of Sedwick to Breckenridge (08086500) | 1/25–26/1962 | 24.1 | 14 | 5 | -- | –3.18 | –.132 | USGS (1963) |
| 10 | Brazos | Lampasas R | northeast of Lampasas to mouth | 6/3–6/1963 | 79.8 | 22 | 12 | Edwards, Trinity | –5.5 | –.069 | USGS (1964) |
| 11 | Brazos | Lampasas R | Stillhouse Hollow Dam site to confluence with Little R | 1/16/1968 | 15.7 | 6 | 4 | Edwards | 15.88 | 1.011 | USGS (1969) |
| 12 | Brazos | Leon R | Belton Dam to Little River | 1/16–17/1968 | 9 | 11 | 4 | -- | 2.48 | .276 | USGS (1969) |
| 13 | Brazos | Leon R | southeast of Eastland to near Hasse | 3/13–14/1951 | 45.5 | 18 | 11 | Trinity | .26 | .006 | TBWE (1960) |
| 14 | Brazos | North Fk San Gabriel R | above US 183 to Country Club Rd at Georgetown | 4/26–27/1978 | 17 | 15 | 8 | Edwards, Trinity | 3.65 | .215 | USGS (1980) |
| 15 | Brazos | North Fk San Gabriel R | above US 183 to Country Club Rd at Georgetown | 8/16–26/1978 | 17 | 15 | 8 | Edwards, Trinity | .07 | .004 | USGS (1980) |
| 16 | Brazos | North Fk San Gabriel R | above US 183 to Country Club Rd at Georgetown | 2/13–15/1979 | 17 | 15 | 8 | Edwards, Trinity | 33.74 | 1.985 | USGS (1980) |
| 17 | Brazos | North Fk San Gabriel R | above US 183 to Country Club Rd at Georgetown | 8/13–15/1979 | 17 | 15 | 8 | Edwards, Trinity | 9.4 | .553 | USGS (1980) |
| 18 | Brazos | North Fk San Gabriel R | north of Leander to mouth | 3/16–18/1964 | 14.4 | 13 | 6 | Edwards, Trinity | 1.98 | .138 | USGS (1965) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|------------------------|---|---------------|-------------------------|--------------------------------|--|---|--|--|-------------------------|
| 19 | Brazos | Salado Cr | northwest of Florence to Salado | 4/24/1978 | 26.2 | 12 | 7 | Edwards | 15.29 | 0.584 | USGS (1980) |
| 20 | Brazos | Salado Cr | northwest of Florence to Salado | 8/14/1978 | 26.2 | 12 | 7 | Edwards | 8.96 | .342 | USGS (1980) |
| 21 | Brazos | Salado Cr | northwest of Florence to Salado | 2/16/1979 | 26.2 | 12 | 7 | Edwards | 63.0 | 2.405 | USGS (1980) |
| 22 | Brazos | Salado Cr | northwest of Florence to Salado | 8/15/1979 | 26.2 | 12 | 7 | Edwards | 49.09 | 1.874 | USGS (1980) |
| 23 | Brazos | Salt Prong Hubbard Cr | 8.3 mi above mouth to 0.5 mi above mouth | 1/25/1962 | 7.8 | 3 | 3 | -- | .84 | .108 | USGS (1963) |
| 24 | Brazos | San Gabriel R | Georgetown (08105000) to mouth | 3/17–18/1964 | 49 | 25 | 11 | -- | 10.54 | .215 | USGS (1965) |
| 25 | Brazos | South Fk San Gabriel R | US 183 to SH 29 at Georgetown | 3/16/1964 | 12.8 | 6 | 4 | Edwards | 1.38 | .108 | USGS (1965) |
| 26 | Brazos | South Fk San Gabriel R | near Bertram to Georgetown | 4/19–21/1978 | 29.7 | 21 | 13 | Edwards, Trinity | 5.09 | .171 | USGS (1980) |
| 27 | Brazos | South Fk San Gabriel R | near Bertram to Georgetown | 8/17/1978 | 29.7 | 21 | 13 | Edwards, Trinity | .01 | .0 | USGS (1980) |
| 28 | Brazos | South Fk San Gabriel R | near Bertram to Georgetown | 2/13–15/1979 | 29.7 | 21 | 13 | Edwards, Trinity | 33.22 | 1.119 | USGS (1980) |
| 29 | Brazos | South Fk San Gabriel R | near Bertram to Georgetown | 8/13–15/1979 | 29.7 | 21 | 14 | Edwards, Trinity | 8.59 | .289 | USGS (1980) |
| 30 | Brazos | Sulphur Cr | Lampasas to 1.5 mi downstream from Burleson Cr | 6/30/1942 | 3.67 | 9 | 6 | Trinity | 15.2 | 4.142 | TBWE (1960) |
| 31 | Brazos | Sulphur Cr | Lampasas to 1.5 mi downstream from Burleson Cr | 8/10/1942 | 3.67 | 9 | 6 | Trinity | 11.7 | 3.188 | TBWE (1960) |
| 32 | Colorado | Barton Cr | Loop 360 (08155300) to above Barton Springs | 2/9/1981 | 3.5 | 5 | 5 | Edwards | -17.0 | -4.857 | Slade and others (1982) |
| 33 | Colorado | Barton Cr | Loop 360 (08155300) to above Barton Springs | 4/28/1981 | 3.5 | 5 | 5 | Edwards | -5.43 | -1.551 | Slade and others (1982) |
| 34 | Colorado | Barton Cr | northeast of Henly to Barton Springs | 7/6–8/1970 | 49.5 | 27 | 24 | Edwards, Trinity | 99.07 | 2.001 | USGS (1972) |
| 35 | Colorado | Barton Cr | northeast of Henly to Barton Springs | 10/1–3/1970 | 49.5 | 27 | 24 | Edwards, Trinity | 82.44 | 1.665 | USGS (1972) |
| 36 | Colorado | Barton Cr | SH 71 (08155200) to Barton Springs (08155500) | 5/29/1980 | 21 | 17 | 16 | Edwards, Trinity | 11.02 | .525 | Slade and others (1982) |
| 37 | Colorado | Beals Cr | FM 87 to 0.5 mi above mouth | 2/24/1986 | 58.7 | 9 | 8 | Ogallala | -.04 | -.001 | unpublished |
| 38 | Colorado | Beals Cr | FM 87 to 0.5 mi above mouth | 12/9–10/1986 | 58.7 | 9 | 8 | Ogallala | 2.85 | .049 | unpublished |
| 39 | Colorado | Beals Cr | US 87 to 0.5 mi above mouth | 2/27–3/1/1989 | 58.7 | 8 | 7 | Ogallala | 3.88 | .066 | unpublished |
| 40 | Colorado | Bear Cr | southeast of FM 1826 (08158810) to above MoPac RR | 5/23/1980 | 10.1 | 10 | 8 | Edwards, Trinity | -3.8 | -.376 | Slade and others (1982) |
| 41 | Colorado | Brady Cr | Brady to mouth | 3/29/1918 | 28 | 3 | 3 | -- | 1.7 | .061 | TBWE (1960) |
| 42 | Colorado | Colorado R | below Lake J.B. Thomas dam to FM 503 (08136700) | 2/24–26/1986 | 239.1 | 60 | 28 | -- | 1.89 | .008 | unpublished |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|-------------|--|---------------|-------------------------|--------------------------------|--|---|--|--|--------------------|
| 43 | Colorado | Colorado R | below Lake J.B. Thomas dam to FM 503 (08136700) | 1/6–9/1987 | 239.1 | 60 | 28 | -- | -23.64 | -0.099 | unpublished |
| 44 | Colorado | Colorado R | below Lake J.B. Thomas dam to FM 503 (08136700) | 2/27–3/1/1989 | 239.1 | 60 | 28 | -- | -5.41 | -0.023 | unpublished |
| 45 | Colorado | Colorado R | Bull Cr to Colorado City (08121000) | 2/14/1975 | 35.5 | 19 | 12 | -- | 7.98 | .225 | USGS (1976) |
| 46 | Colorado | Colorado R | Bull Cr to Colorado City (08121000) | 11/13/1975 | 35.5 | 19 | 12 | -- | 4.96 | .14 | USGS (1977) |
| 47 | Colorado | Colorado R | Bull Cr to Colorado City (08121000) | 1/20/1976 | 35.5 | 19 | 12 | -- | -2.24 | -0.063 | USGS (1977) |
| 48 | Colorado | Colorado R | Bull Cr to Colorado City (08121000) | 3/2/1976 | 35.5 | 19 | 12 | -- | -2.25 | -0.063 | USGS (1977) |
| 49 | Colorado | Colorado R | Austin (08158000) to near Bay City (08162500) | 8/19–21/1985 | 257.6 | 19 | 12 | Carrizo-Wilcox, Gulf Coast | -1,634.24 | -6.344 | USGS (1986) |
| 50 | Colorado | Colorado R | near Silver (08123900) to Robert Lee (08124000) | 12/14/1966 | 34.7 | 4 | 4 | -- | -2.97 | -0.086 | USGS (1968) |
| 51 | Colorado | Colorado R | near Silver (08123900) to Robert Lee (08124000) | 3/21/1967 | 34.7 | 10 | 10 | -- | -2.69 | -0.078 | USGS (1968) |
| 52 | Colorado | Colorado R | near Vincent (08118000) to near Silver (08123900) | 4/8/1968 | 103.2 | 32 | 22 | -- | -.28 | -0.003 | USGS (1969) |
| 53 | Colorado | Colorado R | Robert Lee to Barton Springs (08155500) | 4/7–24/1925 | 365 | 106 | 37 | Edwards, Trinity | 96.53 | .264 | TBWE (1960) |
| 54 | Colorado | Colorado R | Robert Lee to mouth | 8/7–14/1918 | 593 | 117 | 43 | Carrizo-Wilcox, Edwards, Gulf Coast, Trinity | 340.6 | .574 | TBWE (1960) |
| 55 | Colorado | Concho R | confluence of North and South Concho (08136000) to FM 1929 | 2/25–26/1986 | 54.7 | 10 | 6 | -- | 7.25 | .133 | unpublished |
| 56 | Colorado | Concho R | confluence of North and South Concho (08136000) to FM 1929 | 1/6–7/1987 | 54.7 | 10 | 6 | -- | 36.23 | .662 | unpublished |
| 57 | Colorado | Concho R | confluence of North and South Concho (08136000) to FM 1929 | 2/28–3/1/1989 | 54.7 | 10 | 6 | -- | 37.8 | .691 | unpublished |
| 58 | Colorado | Concho R | confluence of North and South Concho to mouth | 3/27–28/1918 | 51.5 | 14 | 7 | -- | 4.6 | .089 | TBWE (1960) |
| 59 | Colorado | Concho R | confluence of North and South Concho to mouth | 3/17–20/1925 | 54.5 | 28 | 12 | -- | 6.6 | .121 | TBWE (1960) |
| 60 | Colorado | Dove Cr | 9 mi above Knickerbocker to mouth | 3/4–5/1925 | 11.8 | 8 | 5 | Edwards-Trinity (Plateau) | 15.7 | 1.331 | TBWE (1960) |
| 61 | Colorado | Elm Cr | FM 1770 to north of Ballinger (08127000) | 2/26/1986 | 18.4 | 9 | 7 | -- | -.53 | -0.029 | unpublished |
| 62 | Colorado | Elm Cr | FM 1770 to north of Ballinger (08127000) | 1/7/1987 | 18.4 | 9 | 7 | -- | 12.7 | .69 | unpublished |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|--------------------|---|----------------|-------------------------|--------------------------------|--|---|--|--|-------------------------|
| 63 | Colorado | Elm Cr | FM 1770 to north of Ballinger (08127000) | 3/1/1989 | 18.4 | 9 | 7 | -- | 0.68 | 0.037 | unpublished |
| 64 | Colorado | Johnson Fk Llano R | headwater springs to mouth | 2/6–15/1925 | 16.8 | 9 | 8 | Edwards-Trinity (Plateau) | 8.9 | .53 | TBWE (1960) |
| 65 | Colorado | Llano R | confluence of North and South Llano to Llano (08151500) | 1/17–24/1962 | 83.5 | 56 | 20 | Edwards-Trinity (Plateau) | 7.84 | .094 | USGS (1963) |
| 66 | Colorado | Llano R | Junction gaging station to Llano (08151500) | 9/3–4/1952 | 79 | 12 | 10 | Edwards-Trinity (Plateau) | -18.83 | -.238 | TBWE (1960) |
| 67 | Colorado | Llano R | Junction to mouth | 3/31–4/3/1918 | 106 | 26 | 13 | Edwards-Trinity (Plateau) | 22.3 | .21 | TBWE (1960) |
| 68 | Colorado | Llano R | confluence of North and South Llano to mouth | 2/14–21/1925 | 105 | 23 | 17 | Edwards-Trinity (Plateau) | 5.7 | .054 | TBWE (1960) |
| 69 | Colorado | Middle Concho R | Kiowa Cr to mouth | 3/10–11/1925 | 47.7 | 14 | 13 | -- | -.8 | -.017 | TBWE (1960) |
| 70 | Colorado | Middle Concho R | San Angelo-Mertzson Rd to mouth | 3/27–28/1918 | 22 | 2 | 2 | -- | 3.9 | .177 | TBWE (1960) |
| 71 | Colorado | North Concho R | 13 mi above Sterling City to confluence with South Concho R | 5/25–26/1918 | 78 | 40 | 29 | -- | 5.1 | .065 | TBWE (1960) |
| 72 | Colorado | North Concho R | above Sterling City to confluence with South Concho R | 2/28–3/17/1925 | 55.3 | 13 | 12 | -- | 2.3 | .042 | TBWE (1960) |
| 73 | Colorado | North Concho R | Sterling City to confluence with South Concho R | 3/27/1918 | 48 | 9 | 7 | -- | -1.1 | -.023 | TBWE (1960) |
| 74 | Colorado | North Llano R | 10 mi above Roosevelt to Junction | 2/7–14/1925 | 31.8 | 14 | 10 | Edwards-Trinity (Plateau) | 6.9 | .217 | TBWE (1960) |
| 75 | Colorado | Onion Cr | FM 12 to mouth | 4/23–24/1958 | 59.2 | 21 | 9 | Edwards, Trinity | -24.9 | -.421 | TBWE (1960) |
| 76 | Colorado | Onion Cr | FM 150 (08158700) to US 183 (08159000) | 5/28/1980 | 35.4 | 19 | 14 | Edwards, Trinity | -82.7 | -2.336 | Slade and others (1982) |
| 77 | Colorado | Pedernales R | below Harper to near Johnson City (08153500) | 1/9–17/1956 | 70 | 69 | 39 | Edwards-Trinity (Plateau), Trinity | 4.76 | .068 | TBWE (1960) |
| 78 | Colorado | Pedernales R | Harper to Hamilton Pool | 4/3–4/1962 | 18 | 12 | 8 | Edwards-Trinity (Plateau), Trinity | .46 | .026 | USGS (1963) |
| 79 | Colorado | Pedernales R | Harper to Hamilton Pool | 5/15–21/1962 | 88.7 | 43 | 23 | Trinity | 12.31 | .139 | USGS (1963) |
| 80 | Colorado | San Saba R | above Fort McKavett to Brady Cr | 7/27–29/1933 | 80.1 | 32 | 18 | Edwards-Trinity (Plateau) | 7.7 | .096 | TBWE (1960) |
| 81 | Colorado | San Saba R | below Fort McKavett to Menard (08144500) | 2/20–21/1940 | 20.9 | 13 | 6 | Edwards-Trinity (Plateau) | 4.0 | .191 | TBWE (1960) |
| 82 | Colorado | San Saba R | near Dorans Ranch to San Saba (08146000) | 11/17–18/1921 | 14 | 6 | 2 | -- | -.9 | -.064 | TBWE (1960) |
| 83 | Colorado | San Saba R | near Fort McKavett to mouth | 3/29–31/1918 | 105 | 29 | 11 | Edwards-Trinity (Plateau) | -2.5 | -.024 | TBWE (1960) |
| 84 | Colorado | Slaughter Cr | Bear Cr below FM 1826 (08158810) to FM 2304 (08158860) | 3/5/1981 | 7.4 | 6 | 6 | Edwards, Trinity | -54.7 | -7.392 | Slade and others (1982) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|----------------|---|---------------|-------------------------|--------------------------------|--|---|--|--|-------------------------|
| 85 | Colorado | Slaughter Cr | FM 1826 (08158840) to downstream from Chappell Ln | 5/22/1980 | 8.8 | 11 | 10 | Edwards, Trinity | -10.45 | -1.188 | Slade and others (1982) |
| 86 | Colorado | South Concho R | above Christoval to mouth | 3/12-16/1925 | 24.8 | 12 | 5 | Edwards-Trinity (Plateau) | 19.6 | .79 | TBWE (1960) |
| 87 | Colorado | South Concho R | above Middle Concho to 3.5 mi below Middle Concho | 4/27/1918 | 1 | 3 | 2 | -- | 2.2 | 2.2 | TBWE (1960) |
| 88 | Colorado | South Concho R | Christoval to confluence with North Concho R | 3/27-28/1918 | 19.8 | 13 | 7 | Edwards-Trinity (Plateau) | 13.3 | .672 | TBWE (1960) |
| 89 | Colorado | South Concho R | south of Christoval to above Lake Nasworthy | 6/18/1953 | 12 | 6 | 5 | Edwards-Trinity (Plateau) | -4.64 | -.387 | TBWE (1960) |
| 90 | Colorado | South Llano R | above Telegraph to confluence with North Llano R | 4/1/1918 | 18.5 | 5 | 2 | Edwards-Trinity (Plateau) | 2.3 | .124 | TBWE (1960) |
| 91 | Colorado | South Llano R | below confluence of West and South Fk to mouth | 2/10-14/1925 | 25.9 | 12 | 9 | Edwards-Trinity (Plateau) | 26.7 | 1.031 | TBWE (1960) |
| 92 | Colorado | Spring Cr | above Mertzon to mouth | 3/6-11/1925 | 26.5 | 17 | 12 | Edwards-Trinity (Plateau) | 25.6 | .966 | TBWE (1960) |
| 93 | Colorado | Spring Cr | above Seven Springs to mouth | 3/27/1918 | 27 | 15 | 10 | Edwards-Trinity (Plateau) | 10.5 | .389 | TBWE (1960) |
| 94 | Colorado | Williamson Cr | east of the "Y" (US 290/SH 71) in Oak Hill (08158920) to FM 2304 (08158930) | 3/5/1981 | 5.4 | 6 | 5 | -- | -12.23 | -2.265 | Slade and others (1982) |
| 95 | Colorado | Williamson Cr | Old Oak Hill-Bee Cave Rd to Jimmy Clay Rd (08158970) | 5/20/1980 | 13.5 | 16 | 14 | Edwards, Trinity | -4.88 | -.361 | Slade and others (1982) |
| 96 | Colorado | Wolf Cr | 12.1 mi above mouth to mouth | 1/16/1956 | 12.1 | 10 | 5 | Trinity | 1.9 | .157 | TBWE (1960) |
| 97 | Guadalupe | Blanco R | 10 mi upstream of Wimberley to northeast of San Marcos | 3/15-16/1955 | 33.3 | 7 | 6 | Edwards, Trinity | -10.3 | -.309 | TBWE (1960) |
| 98 | Guadalupe | Blanco R | 9 mi below Blanco to Wimberley (08171000) | 2/25-3/4/1963 | 27.1 | 28 | 20 | Trinity | 25.9 | .956 | USGS (1964) |
| 99 | Guadalupe | Blanco R | above Halifax Cr to near Kyle | 7/22/1924 | 4.2 | 3 | 3 | Edwards | -13.1 | -3.119 | TBWE (1960) |
| 100 | Guadalupe | Blanco R | upstream from Little Blanco R to northeast of San Marcos | 1/24-28/1955 | 49.6 | 33 | 30 | Edwards, Trinity | -2.65 | -.053 | TBWE (1960) |
| 101 | Guadalupe | Blanco R | Wimberley (08171000) to Kyle (08171300) | 7/10-14/1957 | 16.2 | 8 | 7 | Edwards, Trinity | -13.9 | -.858 | TBWE (1960) |
| 102 | Guadalupe | Blanco R | Wimberley to near Kyle | 6/12/1924 | 19.4 | 3 | 3 | Edwards, Trinity | 14.0 | .722 | TBWE (1960) |
| 103 | Guadalupe | Blanco R | Wimberley to near Kyle | 7/15-16/1924 | 19.4 | 4 | 4 | Edwards, Trinity | -12.8 | -.66 | TBWE (1960) |
| 104 | Guadalupe | Cibolo Cr | Schertz to San Antonio R near Falls City (08183500) | 9/12-13/1949 | 62 | 10 | 7 | Carrizo-Wilcox | 13.95 | .225 | TBWE (1960) |
| 105 | Guadalupe | Cypress Cr | FM 1341 to mouth | 3/25/1965 | 10 | 4 | 4 | Trinity | 3.35 | .335 | USGS (1966) |
| 106 | Guadalupe | Guadalupe R | 2.5 mi below Spring Branch (08167500) to below Cranes Mill spring | 5/11/1955 | 16.5 | 6 | 3 | Trinity | 63.5 | 3.848 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|--------------|--|---------------|-------------------------|--------------------------------|--|---|--|--|--------------------|
| 107 | Guadalupe | Guadalupe R | Canyon Dam to 3.6 mi downstream | 4/9/1965 | 3.5 | 9 | 6 | Trinity | -10.57 | -3.02 | USGS (1966) |
| 108 | Guadalupe | Guadalupe R | Canyon Dam to 3.6 mi downstream | 4/16/1965 | 3.5 | 8 | 5 | Trinity | .3 | .086 | USGS (1966) |
| 109 | Guadalupe | Guadalupe R | Canyon Dam to 3.6 mi downstream | 4/22/1965 | 3.5 | 8 | 5 | Trinity | 2.81 | .803 | USGS (1966) |
| 110 | Guadalupe | Guadalupe R | Comfort to New Braunfels | 1/16-19/1928 | 108.7 | 25 | 13 | Edwards, Trinity | 13.2 | .121 | TBWE (1960) |
| 111 | Guadalupe | Guadalupe R | Comfort to New Braunfels | 2/18-22/1929 | 108.7 | 29 | 16 | Edwards, Trinity | 10.9 | .1 | TBWE (1960) |
| 112 | Guadalupe | Guadalupe R | confluence of North and South Fk to Comfort (08167000) | 3/16/1965 | .8 | 4 | 4 | Trinity | 22.2 | 27.75 | USGS (1966) |
| 113 | Guadalupe | Guadalupe R | confluence of North and South Fk to Comfort (08167000) | 3/24-25/1965 | 34 | 37 | 12 | Trinity | 47.42 | 1.395 | USGS (1966) |
| 114 | Guadalupe | Guadalupe R | near Spring Branch to New Braunfels | 1/24-31/1955 | 57 | 41 | 33 | Edwards, Trinity | -43.7 | -.767 | TBWE (1960) |
| 115 | Guadalupe | Guadalupe R | near Spring Branch to New Braunfels | 2/28-3/2/1955 | 57 | 15 | 13 | Edwards, Trinity | -1.0 | -.018 | TBWE (1960) |
| 116 | Guadalupe | Guadalupe R | near Spring Branch to New Braunfels | 3/14-15/1955 | 57 | 9 | 8 | Edwards, Trinity | 11.0 | .193 | TBWE (1960) |
| 117 | Guadalupe | Guadalupe R | near Spring Branch to New Braunfels | 3/29-30/1955 | 67.3 | 10 | 9 | Edwards, Trinity | -1.4 | -.021 | TBWE (1960) |
| 118 | Guadalupe | Guadalupe R | near Spring Branch to New Braunfels | 4/12-13/1955 | 57 | 9 | 8 | Edwards, Trinity | -.3 | -.005 | TBWE (1960) |
| 119 | Guadalupe | Guadalupe R | near Spring Branch to New Braunfels | 4/26-27/1955 | 57 | 9 | 8 | Edwards, Trinity | .8 | .014 | TBWE (1960) |
| 120 | Guadalupe | Guadalupe R | near Spring Branch to New Braunfels | 5/9-10/1955 | 51.3 | 8 | 5 | Edwards, Trinity | -499.04 | -9.728 | TBWE (1960) |
| 121 | Guadalupe | Guadalupe R | near Spring Branch to New Braunfels | 3/7-8/1962 | 57 | 14 | 12 | Edwards, Trinity | 23.1 | .405 | USGS (1963) |
| 122 | Guadalupe | Guadalupe R | near Spring Branch to Wunderlich Ranch | 1/17/1955 | 15.1 | 7 | 6 | Trinity | -39.4 | -2.609 | TBWE (1960) |
| 123 | Guadalupe | Johnson Cr | 4.9 mi northwest of Mountain Home to near mouth | 3/15-16/1965 | 19 | 16 | 6 | Edwards-Trinity (Plateau), Trinity | 9.33 | .491 | USGS (1966) |
| 124 | Guadalupe | Medina Canal | head of canal (08180000) to first diversion lateral | 8/15/1969 | 23.6 | 5 | 5 | Edwards | -4.0 | -.169 | USGS (1970) |
| 125 | Guadalupe | Medina R | 5.8 mi above Medina to Turks Head Mountain in Medina Lake | 9/6-7/1955 | 45.7 | 26 | 16 | Trinity | -4.84 | -.106 | TBWE (1960) |
| 126 | Guadalupe | Medina R | 5 mi above Lima to 4 mi below Pipe Cr | 6/3-5/1925 | 43.8 | 19 | 12 | Trinity | 2.2 | .05 | TBWE (1960) |
| 127 | Guadalupe | Medina R | 8.3 mi above Medina to 1.5 mi below Bandera-Medina Co line | 1/3-7/1955 | 47.1 | 28 | 19 | Trinity | -.067 | -.014 | TBWE (1960) |
| 128 | Guadalupe | Medina R | Bandera to Turks Head Mountain in Medina Lake | 2/17-18/1955 | 20.4 | 12 | 7 | Trinity | -4.62 | -.226 | TBWE (1960) |
| 129 | Guadalupe | Medina R | Main Dam to near Riomedina | 12/9/1924 | 10.9 | 5 | 5 | Edwards, Trinity | 6.6 | .606 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|-------------------------------|---|---------------|-------------------------|--------------------------------|--|---|--|--|------------------------|
| 130 | Guadalupe | Medina R | Medina Co Irrigation Co. diversion dam to Losoya | 5/26–28/1925 | 55.1 | 19 | 14 | Carrizo-Wilcox, Edwards | -3.2 | -0.058 | TBWE (1960) |
| 131 | Guadalupe | North Fk Guadalupe R | Kerr Wildlife Management Area to confluence with South Fk Guadalupe R | 3/15–16/1965 | 20 | 18 | 10 | Edwards-Trinity (Plateau), Trinity | 15.32 | .766 | USGS (1966) |
| 132 | Guadalupe | South Fk Guadalupe R | Lynhaven resort to confluence with North Fk Guadalupe R | 3/15–16/1965 | 12.2 | 15 | 9 | Edwards-Trinity (Plateau), Trinity | 11.86 | .972 | USGS (1966) |
| 133 | Guadalupe | Turtle Cr | FM 1273 to FM 692 | 3/24–25/1965 | 9.2 | 4 | 3 | Trinity | 11.96 | 1.3 | USGS (1966) |
| 134 | Guadalupe | Verde Cr | 7.7 mi southwest of Center Point | 3/25/1965 | 10.4 | 6 | 3 | Trinity | 6.93 | .666 | USGS (1966) |
| 135 | Lavaca | Lavaca R | east of Hallettsville (08163500) to southeast of Edna | 12/14–17/1970 | 65.4 | 18 | 14 | Gulf Coast | 18.23 | .279 | USGS (1972) |
| 136 | Lavaca | Lavaca R | near Edna | 11/4/1947 | 9.5 | 7 | 5 | Gulf Coast | 5.7 | .6 | TBWE (1960) |
| 137 | Lavaca | Lavaca R | near Edna | 8/5–6/1948 | 9.5 | 7 | 5 | Gulf Coast | 4.48 | .472 | TBWE (1960) |
| 138 | Lavaca | Navidad R | east of Hallettsville (08164300) to SH 111 bridge | 12/14–16/1970 | 64.4 | 18 | 12 | Gulf Coast | 11.1 | .172 | USGS (1972) |
| 139 | Neches | West Fk Bowles Cr—[Bowles Cr] | west of Old London to near Carlisle | 10/28/1942 | 6.5 | 11 | 6 | Carrizo-Wilcox | 3.0 | .462 | TBWE (1960) |
| 140 | Nueces | Atascosa, Frio, and Nueces R | 3 mi southwest of Poteet to near Mathis | 1/23–26/1951 | 103.8 | 29 | 14 | Gulf Coast | 4.83 | .047 | TBWE (1960) |
| 141 | Nueces | Atascosa, Frio, and Nueces R | Campbellton to near Mathis | 4/19–21/1951 | 60.2 | 30 | 15 | Gulf Coast | 1.13 | .019 | TBWE (1960) |
| 142 | Nueces | Atascosa, Frio, and Nueces R | Campbellton to near Mathis | 4/27–5/1/1951 | 58.3 | 23 | 13 | Gulf Coast | -0.22 | -0.004 | TBWE (1960) |
| 143 | Nueces | Dry Frio R | above Real-Uvalde Co line to below Reagan Wells (08196000) | 12/16–20/1954 | 20 | 24 | 15 | Edwards, Edwards-Trinity (Plateau) | -0.75 | -0.038 | TBWE (1960) |
| 144 | Nueces | Dry Frio R | above Real-Uvalde Co line to below Reagan Wells (08196000) | 9/9–13/1955 | 28 | 26 | 20 | Edwards, Edwards-Trinity (Plateau) | -2.18 | -0.078 | TBWE (1960) |
| 145 | Nueces | Dry Frio R | above Real-Uvalde Co line to Reagan Wells (08196000) | 1/15–20/1958 | 26.1 | 35 | 13 | Edwards, Edwards-Trinity (Plateau) | 10.01 | .384 | TBWE (1960) |
| 146 | Nueces | Dry Frio R | near Reagan Wells | 6/28/1925 | 15.5 | 7 | 6 | Edwards, Edwards-Trinity (Plateau) | -1.0 | -0.065 | TBWE (1960) |
| 147 | Nueces | Dry Frio R | Reagan Wells (08196000) to 0.9 mi north of US 90 | 6/18/1981 | 24.6 | 6 | 6 | Edwards | -425.61 | -17.301 | Land and others (1983) |
| 148 | Nueces | East Frio R | 11 mi above mouth to mouth | 1/5–6/1955 | 11 | 12 | 9 | Edwards-Trinity (Plateau) | -7.01 | -0.637 | TBWE (1960) |
| 149 | Nueces | East Frio R | 11 mi above mouth to mouth | 9/7–9/1955 | 11 | 12 | 9 | Edwards-Trinity (Plateau) | -4.11 | -0.374 | TBWE (1960) |
| 150 | Nueces | East Frio R | 5.2 mi above mouth to mouth | 2/14/1955 | 5.2 | 5 | 4 | Edwards-Trinity (Plateau) | -6.95 | -1.337 | TBWE (1960) |
| 151 | Nueces | East Frio R | 5.2 mi above mouth to mouth | 7/9/1957 | 5.2 | 5 | 4 | Edwards-Trinity (Plateau) | -8.49 | -1.633 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|----------------------|---|---------------|-------------------------|--------------------------------|--|---|--|--|------------------------|
| 152 | Nueces | East Frio R—[Frio R] | 11.8 mi above Leakey to 7 mi below Concan | 6/26–28/1925 | 38.3 | 24 | 16 | Edwards, Edwards-Trinity (Plateau) | -17.71 | -0.462 | TBWE (1960) |
| 153 | Nueces | East Frio R—[Frio R] | 11 mi above Leakey to 3.7 mi below Concan (08195000) | 5/17–23/1954 | 38.5 | 16 | 14 | Edwards, Edwards-Trinity (Plateau) | 1.57 | .041 | TBWE (1960) |
| 154 | Nueces | Frio R | Choke Canyon Reservoir to Shamrock Refinery | 11/12–13/1991 | 8.59 | 5 | 4 | Gulf Coast | .12 | .014 | unpublished |
| 155 | Nueces | Frio R | Concan (08195000) to near Uvalde (08197500) | 9/11/1980 | 28.4 | 7 | 7 | Edwards | -200.14 | -7.047 | Land and others (1983) |
| 156 | Nueces | Frio R | Concan (08195000) to near Knippa | 11/5–6/1932 | 18.5 | 5 | 5 | Edwards | -233.0 | -12.595 | TBWE (1960) |
| 157 | Nueces | Frio R | Concan (08195000) to near Knippa | 12/20/1932 | 18.5 | 5 | 5 | Edwards | -124.0 | -6.703 | TBWE (1960) |
| 158 | Nueces | Frio R | near Concan | 7/1/1931 | 6 | 5 | 5 | Edwards | -25.7 | -4.283 | TBWE (1960) |
| 159 | Nueces | Frio R | near Fowlerton to mouth | 12/18–21/1967 | 62.9 | 13 | 6 | Gulf Coast | 10.63 | .169 | USGS (1969) |
| 160 | Nueces | Frio R | Reagan Wells (08196000) to Uvalde (08197500) | 4/2/1981 | 28.4 | 7 | 7 | Edwards | -259.18 | -9.126 | Land and others (1983) |
| 161 | Nueces | Frio R | Reagan Wells (08196000) to Uvalde (08197500) | 5/6/1981 | 28.4 | 7 | 7 | Edwards | -229.0 | -8.063 | Land and others (1983) |
| 162 | Nueces | Hondo Cr | near headwaters to US 90 | 4/5–8/1958 | 37.2 | 25 | 15 | Edwards, Trinity | -27.78 | -.747 | TBWE (1960) |
| 163 | Nueces | Hondo Cr | Tarpley (08200000) to 3 mi downstream from US 90 | 3/27–28/1968 | 29.5 | 13 | 12 | Edwards, Trinity | -98.0 | -3.322 | USGS (1969) |
| 164 | Nueces | Hondo Cr | Tarpley (08200000) to Hondo (08200700) | 5/27/1981 | 18.9 | 6 | 6 | Edwards | -158.1 | -8.365 | Land and others (1983) |
| 165 | Nueces | Leona R | 1.7 mi southeast of Uvalde to 0.2 mi east of Zavalla-Frio Co line | 2/5–8/1946 | 49.4 | 35 | 32 | Carrizo-Wilcox | 2.0 | .04 | TBWE (1960) |
| 166 | Nueces | Leona R | 1.7 mi southeast of Uvalde to 35 mi southeast of Uvalde | 6/11–12/1931 | 37.5 | 15 | 12 | Carrizo-Wilcox | -3.1 | -.083 | TBWE (1960) |
| 167 | Nueces | Leona R | 1.7 mi southeast of Uvalde to 7.1 mi southeast of Batesville | 8/7–9/1946 | 36.3 | 22 | 21 | Carrizo-Wilcox | .3 | .008 | TBWE (1960) |
| 168 | Nueces | Leona R | 1.7 mi southeast of Uvalde to 9.5 mi southeast of Uvalde | 3/1/1947 | 9.8 | 5 | 5 | Carrizo-Wilcox | 14.91 | 1.521 | TBWE (1960) |
| 169 | Nueces | Leona R | 1.7 mi southeast of Uvalde to below Batesville | 6/21–22/1934 | 34.6 | 13 | 10 | Carrizo-Wilcox | -3.1 | -.09 | TBWE (1960) |
| 170 | Nueces | Leona R | 1.7 mi southeast of Uvalde to below Batesville | 10/18–20/1934 | 34.6 | 14 | 11 | Carrizo-Wilcox | 2.4 | .069 | TBWE (1960) |
| 171 | Nueces | Leona R | 1.7 mi southeast of Uvalde to below Batesville | 7/5–6/1939 | 23 | 14 | 11 | Carrizo-Wilcox | 4.3 | .187 | TBWE (1960) |
| 172 | Nueces | Leona R | 1.7 mi southeast of Uvalde to near Batesville | 11/7/1932 | 17 | 6 | 4 | Carrizo-Wilcox | 21.2 | 1.247 | TBWE (1960) |
| 173 | Nueces | Leona R | 10 mi below Uvalde to below Batesville | 6/8–10/1939 | 26 | 10 | 8 | Carrizo-Wilcox | -3.8 | -.146 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|---------------------------|---|---------------|-------------------------|--------------------------------|--|--|--|--|------------------------|
| 174 | Nueces | Leona R | below Kincaid Dam to 9.5 mi southeast of Uvalde | 2/19/1946 | 5.2 | 7 | 7 | Carrizo-Wilcox | 0.7 | 0.135 | TBWE (1960) |
| 175 | Nueces | Leona R | Uvalde-Friotown Hwy to near Batesville | 4/25–28/1925 | 33.5 | 14 | 11 | Carrizo-Wilcox | 15.89 | .474 | TBWE (1960) |
| 176 | Nueces | Little Seco Cr | 9 mi above mouth to mouth | 4/3/1958 | 9 | 7 | 7 | Edwards, Trinity | 0 | 0 | TBWE (1960) |
| 177 | Nueces | Middle Verde and Verde Cr | 15.6 mi north of Hondo to 4.5 mi north of Hondo | 4/24/1981 | 16.5 | 10 | 8 | Edwards, Trinity | -116.0 | -7.03 | Land and others (1983) |
| 178 | Nueces | Middle Verde and Verde Cr | 15.6 mi north of Hondo to 4.5 mi north of Hondo | 6/17/1981 | 16.5 | 10 | 9 | Edwards, Trinity | -161.0 | -9.758 | Land and others (1983) |
| 179 | Nueces | Middle Verde and Verde Cr | 15.6 mi north of Hondo to 4.5 mi north of Hondo | 9/8/1981 | 16.5 | 9 | 7 | Edwards, Trinity | -86.0 | -5.212 | Land and others (1983) |
| 180 | Nueces | Middle Verde and Verde Cr | 5.5 mi above East Verde Cr to 4 mi west of Quihi | 1/14/1958 | 19.5 | 9 | 6 | Edwards, Trinity | -58.3 | -2.99 | TBWE (1960) |
| 181 | Nueces | Middle Verde and Verde Cr | SH 173 on Middle Verde Cr to Vandenburg community | 9/8/1980 | 16.5 | 11 | 8 | Edwards, Trinity | -86.0 | -5.212 | USGS (1981) |
| 182 | Nueces | Nueces R | above Laguna (08190000) to 4.8 mi southeast of La Pryor | 5/2–3/1940 | 46.9 | 14 | 13 | Carrizo-Wilcox, Edwards | -63.8 | -1.36 | TBWE (1960) |
| 183 | Nueces | Nueces R | above Laguna (08190000) to 4.8 mi southeast of La Pryor | 7/9–10/1940 | 46.9 | 14 | 13 | Carrizo-Wilcox, Edwards | -66.7 | -1.422 | TBWE (1960) |
| 184 | Nueces | Nueces R | above Laguna (08190000) to 4.8 mi southeast of La Pryor | 8/28–29/1940 | 46.8 | 14 | 13 | Carrizo-Wilcox, Edwards | -52.3 | -1.118 | TBWE (1960) |
| 185 | Nueces | Nueces R | above Laguna (08190000) to 4.8 mi southeast of La Pryor | 9/26–27/1940 | 46.9 | 14 | 12 | Carrizo-Wilcox, Edwards | -27.9 | -.595 | TBWE (1960) |
| 186 | Nueces | Nueces R | Laguna (08190000) to Uvalde (08192000) | 8/10/1981 | 29.4 | 6 | 6 | Edwards | -24.0 | -.816 | Land and others (1983) |
| 187 | Nueces | Nueces R | Barksdale to Laguna (08190000) | 12/13–15/1954 | 25.2 | 37 | 17 | Edwards-Trinity (Plateau) | -1.01 | -.04 | TBWE (1960) |
| 188 | Nueces | Nueces R | Barksdale to Laguna (08190000) | 9/19–20/1955 | 25.2 | 35 | 19 | Edwards-Trinity (Plateau) | 15.78 | .626 | TBWE (1960) |
| 189 | Nueces | Nueces R | Barksdale to Laguna (08190000) | 7/8–10/1957 | 25.2 | 29 | 17 | Edwards-Trinity (Plateau) | 18.2 | .722 | TBWE (1960) |
| 190 | Nueces | Nueces R | below Mathis (08211100) to above Calallen (08211200) | 2/9/1967 | 8.4 | 6 | 5 | Gulf Coast | 3.0 | .357 | USGS (1968) |
| 191 | Nueces | Nueces R | below Odley Cr near Vance to La Pryor | 3/17–26/1924 | 74.4 | 21 | 18 | Carrizo-Wilcox, Edwards, Edwards-Trinity (Plateau) | 19.8 | .266 | TBWE (1960) |
| 192 | Nueces | Nueces R | Cotulla (08194000) to Simmons (08194600) | 7/28–30/1981 | 108.1 | 13 | 10 | Gulf Coast | 7.6 | .07 | USGS (1982a) |
| 193 | Nueces | Nueces R | Cotulla (08194000) to Simmons (08194600) | 8/11–13/1981 | 108.1 | 13 | 10 | Gulf Coast | 9.29 | .086 | USGS (1982a) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|-------------|--|---------------|-------------------------|--------------------------------|--|---|--|--|--------------------|
| 194 | Nueces | Nueces R | Laguna (08190000) to 3.8 mi southeast of Cinonia | 6/14–30/1939 | 61.6 | 27 | 25 | Carrizo-Wilcox, Edwards | -23.7 | -0.385 | TBWE (1960) |
| 195 | Nueces | Nueces R | Laguna (08190000) to 5 mi northeast of La Pryor | 11/14–16/1931 | 39.6 | 10 | 10 | Carrizo-Wilcox, Edwards | -60.2 | -1.52 | TBWE (1960) |
| 196 | Nueces | Nueces R | Laguna (08190000) to 5 mi northeast of La Pryor | 1/24–25/1932 | 39.6 | 11 | 11 | Carrizo-Wilcox, Edwards | -59.5 | -1.503 | TBWE (1960) |
| 197 | Nueces | Nueces R | Laguna (08190000) to Cinonia | 4/30–5/8/1925 | 54.9 | 14 | 14 | Carrizo-Wilcox, Edwards | -29.9 | -.545 | TBWE (1960) |
| 198 | Nueces | Nueces R | Laguna (08190000) to Cinonia | 5/16–17/1931 | 56.5 | 11 | 11 | Carrizo-Wilcox, Edwards | -76.0 | -1.345 | TBWE (1960) |
| 199 | Nueces | Nueces R | Laguna (08190000) to Cinonia | 6/4–6/1931 | 53 | 10 | 10 | Carrizo-Wilcox, Edwards | -84.0 | -1.585 | TBWE (1960) |
| 200 | Nueces | Nueces R | Laguna (08190000) to Cinonia | 6/15–17/1931 | 56.5 | 12 | 12 | Carrizo-Wilcox, Edwards | -73.6 | -1.303 | TBWE (1960) |
| 201 | Nueces | Nueces R | Laguna (08190000) to Cinonia | 6/22–24/1931 | 56.5 | 12 | 12 | Carrizo-Wilcox, Edwards | -91.9 | -1.627 | TBWE (1960) |
| 202 | Nueces | Nueces R | Laguna (08190000) to Cinonia | 7/2–4/1931 | 56.5 | 12 | 12 | Carrizo-Wilcox, Edwards | -82.5 | -1.46 | TBWE (1960) |
| 203 | Nueces | Nueces R | Laguna (08190000) to Leona R springflow near Uvalde (08204000) | 5/19/1931 | 22.7 | 4 | 4 | Edwards | -79.0 | -3.48 | TBWE (1960) |
| 204 | Nueces | Nueces R | Laguna (08190000) to Leona R springflow near Uvalde (08204000) | 7/9/1931 | 22.7 | 6 | 6 | Edwards | -77.3 | -3.405 | TBWE (1960) |
| 205 | Nueces | Nueces R | Laguna (08190000) to Leona R springflow near Uvalde (08204000) | 7/16–17/1931 | 22.7 | 6 | 6 | Edwards | -73.0 | -3.216 | TBWE (1960) |
| 206 | Nueces | Nueces R | Laguna (08190000) to near Cinonia | 11/1–4/1932 | 56.5 | 14 | 14 | Carrizo-Wilcox, Edwards | 28.0 | .496 | TBWE (1960) |
| 207 | Nueces | Nueces R | Laguna (08190000) to near Cinonia | 7/23–25/1933 | 56.5 | 14 | 14 | Carrizo-Wilcox, Edwards | -8.7 | -.154 | TBWE (1960) |
| 208 | Nueces | Nueces R | Laguna (08190000) to SAU&G RR bridge | 8/29–30/1931 | 31.6 | 8 | 8 | Carrizo-Wilcox, Edwards | -80.2 | -2.538 | TBWE (1960) |
| 209 | Nueces | Nueces R | Mathis (08211000) to Calallen | 4/20–22/1948 | 25.5 | 18 | 13 | Gulf Coast | -.7 | -.027 | TBWE (1960) |
| 210 | Nueces | Nueces R | Uvalde (08204000) to Cinonia | 7/13/1931 | 33.8 | 7 | 7 | Carrizo-Wilcox | 4.0 | .118 | TBWE (1960) |
| 211 | Nueces | Nueces R | Miller's Ranch to Nueces R at Highway 59 | 11/12–13/1991 | 16.45 | 7 | 6 | Gulf Coast | 65.89 | 4.005 | unpublished |
| 212 | Nueces | Nueces R | Mathis (08211000) to Calallen Dam | 8/28–30/1963 | 25.8 | 13 | 13 | Gulf Coast | -15.0 | -.581 | USGS (1964) |
| 213 | Nueces | Nueces R | Mathis (08211000) to Calallen Dam | 10/9–10/1963 | 14.2 | 7 | 7 | Gulf Coast | -5.0 | -.352 | USGS (1964) |
| 214 | Nueces | Nueces R | Mathis (08211000) to Calallen Dam | 2/21–24/1966 | 20.5 | 16 | 12 | Gulf Coast | -8.31 | -.405 | USGS (1967) |
| 215 | Nueces | Nueces R | Mathis (08211000) to Calallen Dam | 8/16–18/1966 | 20.5 | 16 | 12 | Gulf Coast | -4.12 | -.201 | USGS (1967) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|-----------------------------|--|---------------|-------------------------|--------------------------------|--|--|--|--|------------------------|
| 216 | Nueces | Nueces R | near Vance to La Pryor Crossing | 8/11–18/1924 | 66.1 | 13 | 12 | Carrizo-Wilcox, Edwards, Edwards-Trinity (Plateau) | 21.0 | 0.318 | TBWE (1960) |
| 217 | Nueces | Nueces R | Old Spanish Trail crossing to Tom Nunn Hill Dam | 3/10–11/1924 | 3.6 | 3 | 3 | -- | 26.8 | 7.444 | TBWE (1960) |
| 218 | Nueces | Nueces R | Real-Uvalde Co line to Laguna (08190000) | 2/16/1955 | 16.8 | 4 | 4 | Edwards-Trinity (Plateau) | -1.6 | -.095 | TBWE (1960) |
| 219 | Nueces | Nueces R | US 90 to near Crystal City | 11/23–25/1964 | 52.2 | 19 | 10 | Carrizo-Wilcox | 13.4 | .257 | USGS (1966) |
| 220 | Nueces | Sabinal R | 1 mi south of Utopia to 6 mi north of Sabinal | 5/7–8/1942 | 17.5 | 7 | 6 | Edwards, Trinity | -32.7 | -1.869 | TBWE (1960) |
| 221 | Nueces | Sabinal R | 8 mi above Vanderpool to at Sabinal (08198500) | 4/8–11/1958 | 49 | 30 | 19 | Edwards, Edwards-Trinity (Plateau), Trinity | -31.6 | -.645 | TBWE (1960) |
| 222 | Nueces | Sabinal R | 8 mi above Vanderpool to near Sabinal (08198000) | 12/15–16/1954 | 31.4 | 24 | 18 | Edwards-Trinity (Plateau), Trinity | -1.53 | -.049 | TBWE (1960) |
| 223 | Nueces | Sabinal R | 8 mi above Vanderpool to near Sabinal (08198000) | 9/10–11/1955 | 31.4 | 24 | 18 | Edwards-Trinity (Plateau), Trinity | -1.08 | -.034 | TBWE (1960) |
| 224 | Nueces | Sabinal R | below Utopia | 1/10/1934 | 18 | 4 | 4 | Trinity | .92 | .051 | TBWE (1960) |
| 225 | Nueces | Sabinal R | confluence with Onion Cr to 6 mi north of Sabinal | 5/18/1942 | 9.5 | 4 | 4 | Edwards, Trinity | -32.3 | -3.4 | TBWE (1960) |
| 226 | Nueces | Sabinal R | confluence with Onion Cr to 6 mi north of Sabinal | 8/5/1942 | 9.5 | 4 | 4 | Edwards, Trinity | -6.55 | -.689 | TBWE (1960) |
| 227 | Nueces | Sabinal R | near Sabinal (08198000) to at Sabinal (08198500) | 4/2/1981 | 19.1 | 4 | 4 | -- | -82.2 | -4.304 | Land and others (1983) |
| 228 | Nueces | Sabinal R | near Sabinal (08198000) to at Sabinal (08198500) | 8/6/1981 | 19.1 | 4 | 4 | -- | -91.2 | -4.775 | Land and others (1983) |
| 229 | Nueces | Seco Cr | Miller Ranch (08201500) to D'Hanis (08202700) | 6/18/1981 | 22.9 | 8 | 7 | Edwards, Trinity | -167.35 | -7.308 | Land and others (1983) |
| 230 | Nueces | Seco Cr | Miller Ranch (08201500) to D'Hanis (08202700) | 6/19/1981 | 22.9 | 8 | 7 | Edwards, Trinity | -159.2 | -6.952 | Land and others (1983) |
| 231 | Nueces | Seco Cr | Miller Ranch (08201500) to D'Hanis (08202700) | 6/22/1981 | 22.9 | 8 | 7 | Edwards, Trinity | -170.2 | -7.432 | Land and others (1983) |
| 232 | Nueces | Seco Cr | D'Hanis (08202500) to 17 mi below US 90 | 11/7/1958 | 36.3 | 13 | 13 | -- | -97.0 | -2.672 | TBWE (1960) |
| 233 | Nueces | Short Prong Frio R—[Frio R] | 16 mi above Leakey to Concan (08195000) | 1/4–7/1955 | 39.5 | 26 | 20 | Edwards, Edwards-Trinity (Plateau) | 10.06 | .255 | TBWE (1960) |
| 234 | Nueces | Short Prong Frio R—[Frio R] | 16 mi above Leakey to Concan (08195000) | 9/8–10/1955 | 39.5 | 28 | 21 | Edwards, Edwards-Trinity (Plateau) | 8.54 | .216 | TBWE (1960) |
| 235 | Nueces | West Frio R—[Frio R] | 11.6 mi above confluence with East Frio R to Concan (08195000) | 7/8–12/1957 | 35 | 11 | 9 | Edwards, Edwards-Trinity (Plateau) | 30.86 | .882 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|-------------------------|---|---------------|-------------------------|--------------------------------|--|--|--|--|------------------------|
| 236 | Nueces | West Frio R—[Frio R] | 8 mi above Leakey to Concan (08190500) | 2/14–18/1955 | 31.7 | 7 | 5 | Edwards, Edwards-Trinity (Plateau) | 11.59 | 0.366 | TBWE (1960) |
| 237 | Nueces | West Nueces R | above Brackettville (08190500) to near Uvalde | 5/13/1941 | 37 | 5 | 4 | Edwards | -7.1 | -.192 | TBWE (1960) |
| 238 | Nueces | West Nueces R | Blackwater Hole to discontinued station near Brackettville (08190500) | 12/13–14/1954 | 47.7 | 18 | 15 | Edwards, Edwards-Trinity (Plateau) | -4.95 | -.104 | TBWE (1960) |
| 239 | Nueces | West Nueces R | Blackwater Hole to discontinued station near Brackettville (08190500) | 9/11–12/1955 | 47.7 | 18 | 16 | Edwards, Edwards-Trinity (Plateau) | -6.95 | -.146 | TBWE (1960) |
| 240 | Nueces | West Nueces R | near Brackettville (08190500) to Shaw Ranch crossing | 6/20/1981 | 38.5 | 3 | 2 | Edwards | -286.0 | -7.429 | Land and others (1983) |
| 241 | Nueces | West Seco Cr— [Seco Cr] | near Utopia (08202000) to US 90 | 4/1–4/1958 | 39 | 39 | 21 | Edwards, Trinity | -21.04 | -.539 | TBWE (1960) |
| 242 | Nueces | Williams Cr | 4.7 mi above mouth to 1,600 feet above Hondo Cr | 4/5/1958 | 4.4 | 6 | 3 | Trinity | 6.36 | 1.445 | TBWE (1960) |
| 243 | Red River | Grays Cr | 2.6 mi north of Marshall to FM 1997 | 6/13/1964 | 3.3 | 9 | 2 | Carrizo-Wilcox | -.03 | -.009 | USGS (1966) |
| 244 | Red River | Little Cypress Cr | SH 155 to FM 134 | 6/10–13/1964 | 49.1 | 35 | 10 | Carrizo-Wilcox | 6.52 | .133 | USGS (1966) |
| 245 | Red River | Little Cypress Cr | northeast of Gilmer to near Jefferson | 1/2–3/1964 | 40.5 | 7 | 7 | Carrizo-Wilcox | 24.09 | .595 | USGS (1966) |
| 246 | Red River | North Fk Wichita R | Truscott (07311700) to 4 mi above Lake Kemp | 2/6–7/1974 | 47.6 | 6 | 6 | -- | -1.3 | -.027 | USGS (1975) |
| 247 | Red River | Prairie Dog Town Fk | Lake Tanglewood to Wayside (07297910) | 2/6–9/1968 | 40.2 | 68 | 32 | -- | 1.35 | .034 | USGS (1969) |
| 248 | Red River | South Fk Wichita R | Benjamin (07311800) to 4 mi above Lake Kemp | 2/6–7/1974 | 41 | 6 | 5 | -- | -.8 | -.02 | USGS (1975) |
| 249 | Red River | Sugar Cr | FM 1403 to SH 154 | 6/10–11/1964 | .8 | 3 | 2 | -- | .15 | .188 | USGS (1966) |
| 250 | Red River | Tierra Blanca Cr | near Umbarger to near Canyon | 8/31/1941 | 17.9 | 8 | 8 | Ogallala | -4.53 | -.253 | TBWE (1960) |
| 251 | Red River | Tierra Blanca Cr | near Umbarger to near Canyon | 9/28/1941 | 17.9 | 6 | 6 | Ogallala | -2.6 | -.145 | TBWE (1960) |
| 252 | Rio Grande | Big Aguja Canyon | 11.8 mi to 2.2 mi above Toyahvale | 9/1/1932 | 9.6 | 4 | 3 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -19.2 | -2.0 | TBWE (1960) |
| 253 | Rio Grande | Big Aguja Canyon | 11.8 mi to 2.2 mi above Toyahvale | 9/3/1932 | 9.6 | 4 | 3 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -26.6 | -2.771 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

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|-----------------------|-------------------|---------------------|--|---------------|-------------------------|--------------------------------|--|--|--|--|--------------------|
| 254 | Rio Grande | Big Aguja Canyon | 11.8 mi to 2.2 mi above Toyahvale | 9/13/1932 | 9.6 | 5 | 3 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -13.6 | -1.417 | TBWE (1960) |
| 255 | Rio Grande | Big Aguja Canyon | 11.8 mi to 2.2 mi above Toyahvale | 10/6/1932 | 9.6 | 11 | 8 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -15.4 | -1.604 | TBWE (1960) |
| 256 | Rio Grande | Cherry Canyon | 1.5 mi above to 2.5 mi below Madera Canyon near Toyahvale (08424500) | 9/15/1932 | 2 | 2 | 2 | Cenozoic Pecos Alluvium | -13.5 | -6.75 | TBWE (1960) |
| 257 | Rio Grande | Cherry Canyon | 1.5 mi above to 2.5 mi below Madera Canyon near Toyahvale (08424500) | 9/21/1932 | 1.5 | 2 | 2 | Cenozoic Pecos Alluvium | 3.8 | 2.533 | TBWE (1960) |
| 258 | Rio Grande | Cherry Canyon | 1.5 mi above to 2.5 mi below Madera Canyon near Toyahvale (08424500) | 10/7/1932 | 2.5 | 2 | 2 | Cenozoic Pecos Alluvium | -31.2 | -12.48 | TBWE (1960) |
| 259 | Rio Grande | Devils R | 30 mi above Del Rio to mouth | 1/26-28/1921 | 27.2 | 5 | 4 | Edwards-Trinity (Plateau) | 140.0 | 5.147 | TBWE (1960) |
| 260 | Rio Grande | Devils R | 30 mi above Del Rio to mouth | 10/6-7/1921 | 7.8 | 4 | 4 | Edwards-Trinity (Plateau) | 52.0 | 6.667 | TBWE (1960) |
| 261 | Rio Grande | Devils R | Beaver Lake to Juno (08449000) | 8/8-13/1925 | 76 | 21 | 17 | Edwards-Trinity (Plateau) | 426.1 | 5.607 | TBWE (1960) |
| 262 | Rio Grande | Devils R | Dolans Cr to near Comstock | 2/14-20/1928 | 22.3 | 22 | 13 | Edwards-Trinity (Plateau) | 91.98 | 4.125 | TBWE (1960) |
| 263 | Rio Grande | Devils R | near Comstock to Southern Pacific RR bridge | 2/7-11/1928 | 16.5 | 30 | 10 | Edwards-Trinity (Plateau) | 97.91 | 5.934 | TBWE (1960) |
| 264 | Rio Grande | Limpia Cr | 11.7 mi to 28.7 mi below Fort Davis | 11/21/1932 | 17 | 7 | 7 | Edwards-Trinity (Plateau) | -4.0 | -.235 | TBWE (1960) |
| 265 | Rio Grande | Limpia Cr | 12.3 mi above to 18.2 mi below Fort Davis | 10/18-19/1932 | 30.5 | 24 | 18 | Edwards-Trinity (Plateau) | 12.5 | .41 | TBWE (1960) |
| 266 | Rio Grande | Limpia Cr | 14.7 mi to 40.2 mi below Fort Davis | 10/8/1932 | 25.5 | 9 | 6 | Edwards-Trinity (Plateau) | -35.5 | -1.392 | TBWE (1960) |
| 267 | Rio Grande | Limpia Cr | 15.8 mi to 18.7 mi below Fort Davis | 8/3/1933 | 2.9 | 3 | 3 | Edwards-Trinity (Plateau) | -12.6 | -4.345 | TBWE (1960) |
| 268 | Rio Grande | Limpia Cr | 18.2 mi to 29.2 mi below Fort Davis | 11/1/1932 | 11 | 5 | 5 | Edwards-Trinity (Plateau) | -8.2 | .745 | TBWE (1960) |
| 269 | Rio Grande | Little Aguja Canyon | 11.2 mi to 3 mi above Toyahvale | 10/6/1932 | 8.2 | 5 | 4 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -27.0 | -3.293 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

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|-----------------------|-------------------|--|-----------------------------------|---------------|-------------------------|--------------------------------|--|--|--|--|--------------------|
| 270 | Rio Grande | Little Aguja Canyon | 11.3 mi to 3.9 mi above Toyahvale | 9/13/1932 | 7.4 | 4 | 4 | Edwards-Trinity (Plateau) | -22.8 | -3.081 | TBWE (1960) |
| 271 | Rio Grande | Little Aguja Canyon | 11.3 mi to 7.7 mi above Toyahvale | 9/20/1932 | 3.6 | 6 | 6 | Edwards-Trinity (Plateau) | -4.1 | -1.139 | TBWE (1960) |
| 272 | Rio Grande | Little Aguja Canyon | 11.3 mi to 8.2 mi above Toyahvale | 9/14/1932 | 3.1 | 2 | 2 | Edwards-Trinity (Plateau) | -11.2 | -3.613 | TBWE (1960) |
| 273 | Rio Grande | Little Aguja Canyon | 12.5 mi to 2.2 mi above Toyahvale | 9/1/1932 | 10.3 | 3 | 2 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -18.5 | -1.796 | TBWE (1960) |
| 274 | Rio Grande | Little Aguja Canyon | 15.5 mi to 2.2 mi above Toyahvale | 8/17/1932 | 13.3 | 11 | 10 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -1.7 | -.128 | TBWE (1960) |
| 275 | Rio Grande | Madera Canyon | 13.3 mi to 3.5 mi above Toyahvale | 9/2/1932 | 9.8 | 4 | 4 | Edwards-Trinity (Plateau) | -67.0 | -6.837 | TBWE (1960) |
| 276 | Rio Grande | Madera Canyon | 13.3 mi to 3.5 mi above Toyahvale | 9/3/1932 | 9.8 | 4 | 4 | Edwards-Trinity (Plateau) | -37.3 | -3.806 | TBWE (1960) |
| 277 | Rio Grande | Madera Canyon | 13.3 mi to 3.5 mi above Toyahvale | 8/27/1933 | 9.8 | 3 | 3 | Edwards-Trinity (Plateau) | -17.5 | -1.786 | TBWE (1960) |
| 278 | Rio Grande | Madera Canyon | 13.3 mi to 5.1 mi above Toyahvale | 9/1/1932 | 8.2 | 3 | 3 | Edwards-Trinity (Plateau) | -23.2 | -2.829 | TBWE (1960) |
| 279 | Rio Grande | Madera Canyon | 13.3 mi to 5.1 mi above Toyahvale | 9/12/1932 | 8.2 | 4 | 3 | Edwards-Trinity (Plateau) | -26.7 | -3.256 | TBWE (1960) |
| 280 | Rio Grande | Madera Canyon | 13.3 mi to 5.1 mi above Toyahvale | 9/15/1932 | 8.2 | 3 | 3 | Edwards-Trinity (Plateau) | -14.3 | -1.744 | TBWE (1960) |
| 281 | Rio Grande | Madera Canyon | 13.3 mi to 5.1 mi above Toyahvale | 9/21/1932 | 8.2 | 5 | 5 | Edwards-Trinity (Plateau) | -4.6 | -.561 | TBWE (1960) |
| 282 | Rio Grande | Madera Canyon | 13.3 mi to 9.3 mi above Toyahvale | 10/6/1932 | 4 | 5 | 4 | Edwards-Trinity (Plateau) | -38.8 | -9.7 | TBWE (1960) |
| 283 | Rio Grande | Madera Canyon | 13.3 mi to 9.8 mi above Toyahvale | 9/24/1932 | 3.5 | 5 | 4 | Edwards-Trinity (Plateau) | -6.8 | -1.943 | TBWE (1960) |
| 284 | Rio Grande | PCWID #1 canal system at Fort Stockton | High line canal | 11/24/1939 | 7.4 | 7 | 5 | Cenozoic Pecos Alluvium | -5.5 | -.743 | TBWE (1960) |
| 285 | Rio Grande | PCWID #1 canal system at Fort Stockton | High line canal | 12/14/1939 | 2.5 | 3 | 2 | Cenozoic Pecos Alluvium | .4 | .16 | TBWE (1960) |
| 286 | Rio Grande | PCWID #1 canal system at Fort Stockton | lateral #2 | 12/14/1939 | 2.4 | 5 | 4 | Cenozoic Pecos Alluvium | -.4 | -.167 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|--|---|---------------|-------------------------|--------------------------------|--|--|--|--|--------------------|
| 287 | Rio Grande | PCWID #1 canal system at Fort Stockton | lateral #3 | 12/14/1939 | 1.8 | 2 | 2 | Cenozoic Pecos Alluvium | 0 | 0 | TBWE (1960) |
| 288 | Rio Grande | PCWID #1 canal system at Fort Stockton | Seven-D canal | 12/14/1939 | 1.5 | 4 | 3 | Cenozoic Pecos Alluvium | -1.0 | -.667 | TBWE (1960) |
| 289 | Rio Grande | Pecos R | Angeles (08409500) to Girvin | 5/28-30/1918 | 203 | 26 | 18 | Cenozoic Pecos Alluvium | -105.5 | -.52 | TBWE (1960) |
| 290 | Rio Grande | Pecos R | Girvin (08446500) to Comstock (IBWC 08447700) | 2/6-9/1968 | 193.6 | 34 | 19 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | 74.97 | .387 | USGS (1969) |
| 291 | Rio Grande | Pecos R | Orla (08410000) to Girvin (08446500) | 3/3-5/1964 | 188.05 | 21 | 11 | Cenozoic Pecos Alluvium | -184.8 | -.983 | USGS (1965) |
| 292 | Rio Grande | Pecos R | Orla (08410000) to Girvin (08446500) | 5/10-12/1965 | 188.05 | 25 | 16 | Cenozoic Pecos Alluvium | 8.92 | .047 | USGS (1966) |
| 293 | Rio Grande | Pecos R | Orla (08410000) to Girvin (08446500) | 4/17-19/1967 | 185.5 | 23 | 14 | Cenozoic Pecos Alluvium | -189.29 | -1.02 | USGS (1968) |
| 294 | Rio Grande | RCWID #1 canal laterals | back lateral | 8/29/1940 | 2.2 | 4 | 4 | Cenozoic Pecos Alluvium | 0 | 0 | TBWE (1960) |
| 295 | Rio Grande | RCWID #1 canal laterals | Carpenter takeout | 10/27/1931 | 1 | 2 | 2 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -.08 | -.08 | TBWE (1960) |
| 296 | Rio Grande | RCWID #1 canal laterals | Giffin Spring canal | 11/18/1931 | .8 | 2 | 2 | Cenozoic Pecos Alluvium | .26 | .325 | TBWE (1960) |
| 297 | Rio Grande | RCWID #1 canal laterals | Greasy Row lateral | 9/6/1940 | 1.5 | 5 | 3 | Cenozoic Pecos Alluvium | -.02 | -.013 | TBWE (1960) |
| 298 | Rio Grande | RCWID #1 canal laterals | Halbert corner lateral | 8/29/1940 | 1.6 | 7 | 4 | Cenozoic Pecos Alluvium | .15 | .094 | TBWE (1960) |
| 299 | Rio Grande | RCWID #1 canal laterals | highway ditch | 10/27/1931 | 1.3 | 4 | 3 | Cenozoic Pecos Alluvium | .43 | .331 | TBWE (1960) |
| 300 | Rio Grande | RCWID #1 canal laterals | Humphrey-Mayer lateral | 8/28/1940 | .7 | 4 | 4 | Cenozoic Pecos Alluvium | .12 | .171 | TBWE (1960) |
| 301 | Rio Grande | RCWID #1 canal laterals | Ikens Estate lateral | 8/29/1940 | .2 | 2 | 2 | Cenozoic Pecos Alluvium | -.96 | -4.8 | TBWE (1960) |
| 302 | Rio Grande | RCWID #1 canal laterals | Moore canal | 11/16/1931 | .5 | 2 | 2 | Cenozoic Pecos Alluvium | .06 | .12 | TBWE (1960) |
| 303 | Rio Grande | RCWID #1 canal laterals | north lateral | 7/2/1940 | 4 | 6 | 5 | Cenozoic Pecos Alluvium | -.44 | -.11 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|---------------------------------|--|----------------|-------------------------|--------------------------------|--|--|--|--|--------------------|
| 304 | Rio Grande | RCWID #1 canal laterals | north lateral | 8/28/1940 | 4 | 9 | 7 | Cenozoic Pecos Alluvium | -0.26 | -0.065 | TBWE (1960) |
| 305 | Rio Grande | RCWID #1 canal laterals | reservoir takeout | 10/27/1931 | 1 | 2 | 2 | Cenozoic Pecos Alluvium | -.5 | -.5 | TBWE (1960) |
| 306 | Rio Grande | RCWID #1 canal laterals | Saragosa canal | 11/16/1931 | .5 | 2 | 2 | Cenozoic Pecos Alluvium | -.29 | -.58 | TBWE (1960) |
| 307 | Rio Grande | RCWID #1 canal laterals | siphon ditch | 10/28/1931 | 2.3 | 2 | 2 | Cenozoic Pecos Alluvium | -3.13 | -1.361 | TBWE (1960) |
| 308 | Rio Grande | RCWID #1 canal system | below San Solomon Springs to above Balmorhea Reservoir | 2/6-7/1935 | 3.7 | 7 | 5 | Cenozoic Pecos Alluvium | 5.9 | 1.595 | TBWE (1960) |
| 309 | Rio Grande | RCWID #1 main canal | above first diversion to sixth diversion, near Balmorhea | 4/26-27/1923 | 8.85 | 8 | 4 | Cenozoic Pecos Alluvium | -12.41 | -1.402 | TBWE (1960) |
| 310 | Rio Grande | RCWID #1 main canal | headgate to Barlow diversion, near Balmorhea | 7/27/1922 | 5.5 | 8 | 3 | Cenozoic Pecos Alluvium | -7.0 | -1.273 | TBWE (1960) |
| 311 | Rio Grande | RCWID #1 main canal | headgate to last diversion, near Balmorhea | 9/25-26/1923 | 6.3 | 12 | 6 | Cenozoic Pecos Alluvium | -2.96 | -.47 | TBWE (1960) |
| 312 | Rio Grande | RCWID #1 main canal | source to 2.9 mi below source | 3/14/1933 | 2.9 | 4 | 2 | Cenozoic Pecos Alluvium | -.2 | -.069 | TBWE (1960) |
| 313 | Rio Grande | RCWID #1 main canal | source to end | 10/27-28/1931 | 11.4 | 19 | 5 | Cenozoic Pecos Alluvium | -6.38 | -.56 | TBWE (1960) |
| 314 | Rio Grande | RCWID #1 main canal | source to end | 1/11-12/1933 | 9.3 | 13 | 7 | Cenozoic Pecos Alluvium | -3.9 | -.419 | TBWE (1960) |
| 315 | Rio Grande | RCWID #1 main canal | source to end | 3/13/1933 | 9.3 | 11 | 7 | Cenozoic Pecos Alluvium | 7.1 | .763 | TBWE (1960) |
| 316 | Rio Grande | RCWID #1 reservoir outlet canal | reservoir to main canal | 7/22/1932 | 3.4 | 3 | 2 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -3.8 | -1.118 | TBWE (1960) |
| 317 | Rio Grande | RCWID #1 reservoir outlet canal | reservoir to main canal | 7/26/1932 | 3.4 | 6 | 5 | Cenozoic Pecos Alluvium, Edwards-Trinity (Plateau) | -.3 | -.088 | TBWE (1960) |
| 318 | Rio Grande | RCWID #1 reservoir outlet canal | reservoir to main canal | 8/17/1932 | 2.5 | 3 | 3 | Cenozoic Pecos Alluvium | -.2 | -.08 | TBWE (1960) |
| 319 | Rio Grande | RCWID #1 reservoir outlet canal | reservoir to main canal | 7/20/1933 | 2.9 | 2 | 2 | Cenozoic Pecos Alluvium | -2.6 | -.897 | TBWE (1960) |
| 320 | Rio Grande | RCWID #1 reservoir outlet canal | reservoir to main canal | 7/26/1933 | 2.7 | 2 | 2 | Cenozoic Pecos Alluvium | -1.2 | -.444 | TBWE (1960) |
| 321 | Rio Grande | Rio Grande | Comal to Indio Ranch | 1/13-3/18/1928 | 34 | 3 | 3 | -- | 90.0 | 2.647 | TBWE (1960) |
| 322 | Rio Grande | Rio Grande | Del Rio to Eagle Pass | 2/9-3/3/1926 | 64 | 10 | 4 | Edwards-Trinity (Plateau) | 116.0 | 1.813 | TBWE (1960) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|------------------|--|-----------------|-------------------------|--------------------------------|--|---|--|--|--------------------|
| 323 | Rio Grande | Rio Grande | Eagle Pass to Indio Ranch | 1/12–4/12/1928 | 18 | 2 | 2 | -- | 55.0 | 3.056 | TBWE (1960) |
| 324 | Rio Grande | Rio Grande | Eagle Pass to Indio Ranch | 2/2–3/14/1928 | 18 | 3 | 3 | -- | 55.0 | 3.056 | TBWE (1960) |
| 325 | Rio Grande | Rio Grande | Eagle Pass to Laredo | 2/22–4/12/1928 | 128 | 6 | 6 | -- | -10.0 | -.078 | TBWE (1960) |
| 326 | Rio Grande | Rio Grande | Eagle Pass to Laredo | 2/22–4/22/1928 | 128 | 2 | 2 | -- | -25.0 | -.195 | TBWE (1960) |
| 327 | Rio Grande | Rio Grande | Eagle Pass to Laredo | 4/3–22/1928 | 128 | 6 | 6 | -- | -75.0 | -.586 | TBWE (1960) |
| 328 | Rio Grande | Rio Grande | Eagle Pass to San Ygnacio | 2/12–22/1926 | 167.5 | 22 | 17 | Carrizo-Wilcox | -336.0 | -2.006 | TBWE (1960) |
| 329 | Rio Grande | Rio Grande | Elephant Butte—Mesilla Valley Unit, East Canal near Anthony | 4/21/1971 | 2.51 | 4 | 3 | Hueco-Mesilla Bolson | -3.1 | -1.235 | USGS (1972) |
| 330 | Rio Grande | Rio Grande | Elephant Butte—Mesilla Valley Unit, Franklin Canal below Ysleta | 4/22/1971 | 2 | 3 | 3 | Hueco-Mesilla Bolson | -.6 | -.3 | USGS (1972) |
| 331 | Rio Grande | Rio Grande | Elephant Butte—Mesilla Valley Unit, Franklin Drain below Sorocco | 4/22/1971 | 2.4 | 3 | 3 | Hueco-Mesilla Bolson | 2.3 | .958 | USGS (1972) |
| 332 | Rio Grande | Rio Grande | Elephant Butte—Mesilla Valley Unit, Nemexas Drain near Anthony | 4/21/1971 | 2 | 3 | 3 | Hueco-Mesilla Bolson | 1.81 | .905 | USGS (1972) |
| 333 | Rio Grande | Rio Grande | Elephant Butte—Mesilla Valley Unit, West Canal near Anthony | 4/21/1971 | 2.7 | 4 | 3 | Hueco-Mesilla Bolson | -6.21 | -2.3 | USGS (1972) |
| 334 | Rio Grande | Rio Grande | Elephant Butte—Mesilla Valley Unit, West Drain near Anthony | 4/21/1971 | 1.8 | 3 | 3 | Hueco-Mesilla Bolson | 5.0 | 2.778 | USGS (1972) |
| 335 | Rio Grande | Rio Grande | Lajitas to Del Rio | 2/7–20/1925 | 293.1 | 11 | 8 | Edwards-Trinity (Plateau) | 783.0 | 2.671 | TBWE (1960) |
| 336 | Rio Grande | Toyah Cr | 1.2 mi above to 8.8 mi below Toyahvale | 11/6/1932 | 7.8 | 6 | 4 | Cenozoic Pecos Alluvium | 5.2 | .667 | TBWE (1960) |
| 337 | Rio Grande | Toyah Cr | 1.2 mi above to 8.8 mi below Toyahvale | 1/23/1933 | 5.8 | 5 | 4 | Cenozoic Pecos Alluvium | 2.3 | .397 | TBWE (1960) |
| 338 | Rio Grande | Toyah Cr | 1.2 mi above to 8.8 mi below Toyahvale | 3/14/1933 | 10 | 8 | 5 | Cenozoic Pecos Alluvium | 2.3 | .23 | TBWE (1960) |
| 339 | Rio Grande | Toyah Cr | 1.2 mi above to 8.8 mi below Toyahvale | 5/16/1933 | 5.8 | 7 | 4 | Cenozoic Pecos Alluvium | 4.9 | .845 | TBWE (1960) |
| 340 | Rio Grande | Toyah Cr | 1.2 mi above to 8.8 mi below Toyahvale | 7/11/1933 | 5.8 | 7 | 4 | Cenozoic Pecos Alluvium | 4.9 | .845 | TBWE (1960) |
| 341 | Rio Grande | West Sandia Cr | above East Sandia Spring at Balmorhea (08430000) | 10/17/1932 | .76 | 4 | 3 | Cenozoic Pecos Alluvium | 1.9 | 2.5 | TBWE (1960) |
| 342 | Sabine | Lake Fk Cr | SH 182 to US 80 | 8/31–9/1/1981 | 1.6 | 3 | 3 | Carrizo-Wilcox | -2.6 | -1.625 | USGS (1982b) |
| 343 | Sabine | Sabine and Old R | Ruliff (08030500) to IH-10 | 10/31–11/2/1966 | 5.3 | 4 | 2 | Gulf Coast | 27.0 | 5.094 | USGS (1968) |
| 344 | Sabine | Sabine and Old R | Ruliff (08030500) to IH-10 | 9/12–13/1967 | 5.3 | 4 | 3 | Gulf Coast | -206.0 | -38.868 | USGS (1968) |
| 345 | Sabine | Sabine R | FM 1804 to FM 2517 | 9/22–24/1981 | 156.4 | 11 | 10 | Carrizo-Wilcox | 127.8 | .817 | USGS (1982b) |

Table 1. Characteristics of flow gain-loss studies in Texas—Continued

| Stream-flow study no. | Major river basin | Stream name | Reach identification | Date of study | Reach length (river mi) | Total no. of measurement sites | No. of measurement sites on main channel | Major aquifer outcrop(s) intersected by reach | Total gain or loss (-) in reach (ft ³ /s) | Gain or loss per mile of reach (ft ³ /s-mi) | Reference for data |
|-----------------------|-------------------|-----------------------|--|---------------|-------------------------|--------------------------------|--|---|--|--|--------------------|
| 346 | Sabine | Sabine R | Wills Point (08017410) to Smith-Upshur Co line at county road crossing | 8/31–9/2/1981 | 80.5 | 8 | 6 | Carrizo-Wilcox | 427.42 | 5.31 | USGS (1982b) |
| 347 | Sabine | Sabine R | northeast of Carthage to Ruliff (08030500) | 9/4–5/1963 | 268 | 98 | 30 | Carrizo-Wilcox, Gulf Coast | 208.72 | .779 | USGS (1964) |
| 348 | San Antonio | Cibolo Cr | 7.5 mi above Boerne to gaging station at Selma (08185000) | 1/17–30/1958 | 56 | 27 | 19 | Edwards, Trinity | –89.2 | –1.593 | TBWE (1960) |
| 349 | San Antonio | Cibolo Cr | near Randolph AFB to mouth | 3/5–7/1963 | 79.3 | 18 | 13 | Carrizo-Wilcox, Gulf Coast | 16.68 | .21 | USGS (1964) |
| 350 | San Antonio | Cibolo Cr | Selma (08185000) to mouth | 3/4–8/1968 | 87.1 | 52 | 27 | Carrizo-Wilcox, Gulf Coast | 59.53 | .683 | USGS (1969) |
| 351 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/26/1998 | 3.15 | 2 | 2 | Edwards, Trinity | –60.4 | –19.175 | unpublished |
| 352 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/26/1998 | 3.15 | 2 | 2 | Edwards, Trinity | –66.0 | –20.952 | unpublished |
| 353 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/27/1998 | 3.15 | 2 | 2 | Edwards, Trinity | –61.6 | –19.556 | unpublished |
| 354 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/28/1998 | 7.21 | 3 | 3 | Edwards, Trinity | –98.8 | –13.703 | unpublished |
| 355 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/28/1998 | 7.21 | 3 | 3 | Edwards, Trinity | –83.5 | –11.581 | unpublished |
| 356 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/29/1998 | 7.21 | 3 | 3 | Edwards, Trinity | –56.4 | –7.822 | unpublished |
| 357 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/29/1998 | 7.21 | 3 | 3 | Edwards, Trinity | –60.7 | –8.419 | unpublished |
| 358 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/30/1998 | 3.15 | 2 | 2 | Edwards, Trinity | –29.4 | –9.333 | unpublished |
| 359 | San Antonio | Salado Cr | Wilderness Rd (08178585) to Old Blanco Rd (08178593) | 10/30/1998 | 7.21 | 3 | 3 | Edwards, Trinity | –45.0 | –6.241 | unpublished |
| 360 | San Antonio | San Antonio R | Hildebrand Ave to San Pedro Cr mouth | 7/17/1957 | 8 | 14 | 10 | -- | 12.13 | 1.516 | TBWE (1960) |
| 361 | San Antonio | San Antonio R | San Pedro Cr to Ashley St Bridge | 10/27/1999 | 17.54 | 6 | 5 | Carrizo-Wilcox | 9.4 | .536 | unpublished |
| 362 | San Jacinto | East Fk San Jacinto R | Cleveland (08070000) to upstream from Lake Houston | 6/24/1969 | 18 | 9 | 5 | Gulf Coast | 4.2 | .233 | USGS (1970) |
| 363 | San Jacinto | West Fk San Jacinto R | northwest of Conroe to above Lake Houston | 6/24/1969 | 37.3 | 22 | 10 | Gulf Coast | 9.82 | .263 | USGS (1970) |
| 364 | Trinity | Big Elkhart Cr | northwest of Grapeland to mouth | 9/15–16/1965 | 25.7 | 9 | 7 | -- | 5.18 | .202 | USGS (1966) |
| 365 | Trinity | Little Elkhart Cr | south of Grapeland to mouth | 9/16/1965 | 17.5 | 11 | 5 | -- | –1.59 | –.091 | USGS (1966) |
| 366 | Trinity | Trinity R | Riverside to Liberty | 11/4–8/1952 | 133.5 | 21 | 5 | Gulf Coast | 37.16 | .278 | TBWE (1960) |

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas

[mi², square miles; R, River; --, not applicable; Cr, Creek; nr, near; Fork, Fk; trib, tributary; FTW, Fort Worth]

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|--------------------------------------|---|-----------|------------|---------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Arkansas R Basin (Canadian R) | | | | | | | | | | | | |
| 07227000 | Canadian R at Logan, NM | 35°21'25" | 103°25'03" | Quay | 10,000 | -- | 81 | 19 | 62 | 1904 | 1939 | 2000 |
| 07227100 | Revuelto Cr nr Logan, NM | 35°20'29" | 103°23'37" | Quay | 786 | -- | 41 | 41 | 0 | 1960 | -- | 2000 |
| 07227448 | Punta De Agua Cr nr Channing, TX | 35°40'03" | 102°28'48" | Hartley | 3,570 | -- | 6 | 0 | 6 | -- | 1968 | 1973 |
| 07227470 | Canadian R at Tascosa, TX | 35°31'08" | 102°15'35" | Oldham | 14,710 | -- | 9 | 9 | 0 | 1969 | -- | 1977 |
| 07227500 | Canadian R nr Amarillo, TX | 35°28'13" | 101°52'45" | Potter | 15,400 | -- | 62 | 0 | 62 | -- | 1939 | 2000 |
| 07227920 | Dixon Cr nr Borger, TX | 35°39'53" | 101°21'02" | Hutchinson | 134 | -- | 15 | 15 | 0 | 1975 | -- | 1989 |
| 07228000 | Canadian R nr Canadian, TX | 35°56'06" | 100°22'13" | Hemphill | 18,200 | -- | 62 | 25 | 37 | 1939 | 1964 | 2000 |
| 07233500 | Palo Duro Cr nr Spearman, TX | 36°12'08" | 101°18'20" | Hansford | 440 | -- | 35 | 35 | 0 | 1946 | -- | 2000 |
| 07235000 | Wolf Cr at Lipscomb, TX | 36°14'19" | 100°16'31" | Lipscomb | 475 | -- | 41 | 2 | 39 | 1941 | 1962 | 2000 |
| Red R Basin | | | | | | | | | | | | |
| 07295500 | Tierra Blanca Cr above Buffalo Lake nr Umbarger, TX | 34°50'55" | 102°10'32" | Deaf Smith | 538 | -- | 20 | 20 | 0 | 1941 | -- | 1973 |
| 07296100 | Tierra Blanca Cr below Buffalo Lake nr Umbarger, TX | 34°55'27" | 102°05'57" | Randall | 2,080 | -- | 6 | 0 | 6 | -- | 1968 | 1973 |
| 07297500 | Prairie Dog Town Fk Red R nr Canyon, TX | 35°00'38" | 101°53'29" | Randall | 711 | -- | 13 | 1 | 12 | 1925 | 1926 | 1949 |
| 07297910 | Prairie Dog Town Fk Red R nr Wayside, TX | 34°50'15" | 101°24'49" | Armstrong | 930 | -- | 33 | 33 | 0 | 1968 | -- | 2000 |
| 07298000 | North Tule Draw at reservoir nr Tulia, TX | 34°33'34" | 101°42'33" | Swisher | 65.0 | -- | 32 | 32 | 0 | 1942 | -- | 1973 |
| 07298200 | Tule Cr nr Silverton, TX | 34°32'36" | 101°25'46" | Briscoe | 190 | -- | 22 | 9 | 13 | 1965 | 1974 | 1986 |
| 07298500 | Prairie Dog Town Fk Red R nr Brice, TX | 34°37'40" | 100°56'25" | Hall | 1,580 | -- | 7 | 7 | 0 | 1940 | -- | 1962 |
| 07299000 | Mulberry Cr nr Brice, TX | 34°40'30" | 100°55'00" | Hall | 534 | -- | 1 | 1 | 0 | 1950 | -- | 1950 |
| 07299200 | Prairie Dog Town Fk Red R nr Lakeview, TX | 34°34'23" | 100°44'43" | Hall | 2,020 | -- | 17 | 16 | 1 | 1964 | 1980 | 1980 |
| 07299300 | Little Red R nr Turkey, TX | 34°32'27" | 100°46'13" | Hall | 139 | -- | 13 | 13 | 0 | 1969 | -- | 1981 |
| 07299500 | Prairie Dog Town Fk Red R nr Estelline, TX | 34°34'20" | 100°26'10" | Hall | 2,520 | -- | 9 | 9 | 0 | 1925 | -- | 1946 |
| 07299512 | Jonah Cr at weir nr Estelline, TX | 34°34'20" | 100°20'00" | Childress | 65.5 | -- | 8 | 8 | 0 | 1975 | -- | 1982 |
| 07299514 | Jonah Cr below weir nr Estelline, TX | 34°33'33" | 100°20'21" | Childress | 66.6 | -- | 2 | 2 | 0 | 1975 | -- | 1976 |
| 07299530 | Salt Cr nr Estelline, TX | 34°35'26" | 100°15'08" | Childress | 142 | -- | 4 | 4 | 0 | 1975 | -- | 1978 |
| 07299540 | Prairie Dog Town Fk Red R nr Childress, TX | 34°34'09" | 100°11'37" | Childress | 2,960 | -- | 35 | 13 | 22 | 1966 | 1979 | 2000 |
| 07299570 | Red R nr Quanah, TX | 34°24'47" | 99°44'03" | Hardeman | 3,550 | -- | 22 | 18 | 4 | 1961 | 1979 | 1982 |
| 07299670 | Groesbeck Cr at SH 6 nr Quanah, TX | 34°21'16" | 99°44'24" | Hardeman | 303 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 07299850 | Salt Fk Red R nr Clarendon, TX | 35°00'10" | 100°53'30" | Donley | 457 | -- | 4 | 4 | 0 | 1961 | -- | 1964 |
| 07299890 | Lelia Lake Cr below Bell Cr nr Hedley, TX | 34°56'08" | 100°41'46" | Donley | 74 | -- | 3 | 3 | 0 | 2000 | -- | 2000 |
| 07300000 | Salt Fk Red R nr Wellington, TX | 34°57'27" | 100°13'14" | Collingsworth | 1,010 | -- | 48 | 15 | 33 | 1953 | 1968 | 2000 |
| 07300500 | Salt Fk Red R at Mangum, OK | 34°51'30" | 99°30'30" | Greer | 1,360 | -- | 63 | 63 | 0 | 1938 | -- | 2000 |
| 07301200 | McClellan Cr nr McLean, TX | 35°19'45" | 100°36'32" | Gray | 460 | -- | 13 | 0 | 13 | -- | 1968 | 1980 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|------------------------------|---|-----------|------------|-----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Red R Basin—Continued | | | | | | | | | | | | |
| 07301300 | North Fk Red R nr Shamrock, TX | 35°15'51" | 100°14'29" | Wheeler | 703 | -- | 27 | 27 | 0 | 1965 | -- | 1991 |
| 07301410 | Sweetwater Cr nr Kelton, TX | 35°28'23" | 100°07'14" | Wheeler | 267 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 07307500 | Quitaque Cr nr Quitaque, TX | 34°14'24" | 101°07'03" | Floyd | 35.0 | -- | 14 | 14 | 0 | 1946 | -- | 1959 |
| 07307600 | North Pease R nr Childress, TX | 34°16'30" | 100°17'05" | Cottle | 1,430 | -- | 6 | 6 | 0 | 1974 | -- | 1979 |
| 07307750 | Middle Pease R nr Paducah, TX | 34°12'31" | 100°18'03" | Cottle | 1,020 | -- | 6 | 6 | 0 | 1974 | -- | 1979 |
| 07307760 | Middle Pease R nr Paducah, TX | 34°11'28" | 100°12'38" | Cottle | 1,060 | -- | 3 | 3 | 0 | 1980 | -- | 1982 |
| 07307800 | Pease R nr Childress, TX | 34°13'39" | 100°04'24" | Cottle | 2,200 | -- | 35 | 35 | 0 | 1961 | -- | 2000 |
| 07308000 | Pease R nr Crowell, TX | 34°05'45" | 99°43'47" | Foard | 2,480 | -- | 20 | 20 | 0 | 1925 | -- | 1946 |
| 07308200 | Pease R nr Vernon, TX | 34°10'45" | 99°16'40" | Wilbarger | 2,930 | -- | 30 | 30 | 0 | 1961 | -- | 2000 |
| 07308500 | Red R nr Burkburnett, TX | 34°06'36" | 98°31'53" | Wichita | 14,600 | -- | 40 | 40 | 0 | 1961 | -- | 2000 |
| 07311600 | North Wichita R nr Paducah, TX | 33°57'02" | 100°03'52" | Cottle | 540 | -- | 27 | 27 | 0 | 1962 | -- | 2000 |
| 07311622 | North Fk Wichita R nr Crowell, TX | 33°52'12" | 99°56'48" | Foard | 591 | -- | 6 | 6 | 0 | 1971 | -- | 1976 |
| 07311630 | Middle Wichita R nr Guthrie, TX | 33°47'45" | 100°04'29" | King | 50.3 | -- | 4 | 4 | 0 | 1997 | -- | 2000 |
| 07311648 | Middle Fk Wichita R nr Truscott, TX | 33°51'12" | 99°57'44" | Foard | 161 | -- | 6 | 6 | 0 | 1971 | -- | 1976 |
| 07311700 | North Wichita R nr Truscott, TX | 33°49'14" | 99°47'10" | Knox | 937 | -- | 40 | 40 | 0 | 1961 | -- | 2000 |
| 07311780 | South Fk Wichita R nr Guthrie, TX | 33°37'29" | 100°13'04" | King | 239 | -- | 6 | 6 | 0 | 1971 | -- | 1976 |
| 07311782 | South Wichita R at low flow dam nr Guthrie, TX | 33°37'19" | 100°12'31" | King | 223 | -- | 14 | 14 | 0 | 1985 | -- | 2000 |
| 07311783 | South Wichita R below low flow dam nr Guthrie, TX | 33°37'19" | 100°12'31" | King | 223 | -- | 15 | 15 | 0 | 1986 | -- | 2000 |
| 07311790 | South Wichita R at Ross Ranch nr Benjamin, TX | 33°39'18" | 100°00'49" | King | 499 | -- | 9 | 9 | 0 | 1971 | -- | 1979 |
| 07311800 | South Wichita R nr Benjamin, TX | 33°38'39" | 99°48'02" | Knox | 584 | -- | 40 | 40 | 0 | 1961 | -- | 2000 |
| 07311900 | Wichita R nr Seymour, TX | 33°42'01" | 99°23'18" | Baylor | 1,870 | -- | 23 | 23 | 0 | 1961 | -- | 2000 |
| 07312100 | Wichita R nr Mabelle, TX | 33°45'36" | 99°08'33" | Baylor | 2,090 | -- | 41 | 0 | 41 | -- | 1960 | 2000 |
| 07312130 | Wichita R at SH 25 nr Kamay, TX | 33°52'09" | 98°50'20" | Wichita | 2,182 | -- | 4 | 0 | 4 | -- | 1997 | 2000 |
| 07312200 | Beaver Cr nr Electra, TX | 33°54'21" | 98°54'17" | Wichita | 652 | -- | 40 | 0 | 40 | -- | 1961 | 2000 |
| 07312500 | Wichita R at Wichita Falls, TX | 33°54'34" | 98°32'00" | Wichita | 3,140 | -- | 62 | 0 | 62 | -- | 1939 | 2000 |
| 07312700 | Wichita R nr Charlie, TX | 34°03'11" | 98°17'47" | Clay | 3,440 | -- | 33 | 0 | 33 | -- | 1968 | 2000 |
| 07314500 | Little Wichita R nr Archer City, TX | 33°39'45" | 98°36'46" | Archer | 481 | -- | 57 | 13 | 44 | 1933 | 1946 | 2000 |
| 07314900 | Little Wichita R above Henrietta, TX | 33°49'36" | 98°14'23" | Clay | 1,040 | -- | 47 | 13 | 34 | 1954 | 1967 | 2000 |
| 07315200 | East Fk Little Wichita R nr Henrietta, TX | 33°48'46" | 98°05'05" | Clay | 178 | -- | 36 | 29 | 7 | 1965 | 1994 | 2000 |
| 07315400 | Little Wichita R nr Ringgold, TX | 33°53'55" | 98°04'05" | Montague | 1,350 | -- | 6 | 0 | 6 | -- | 1960 | 1965 |
| 07315500 | Red R nr Terrall, OK | 33°52'43" | 97°56'03" | Jefferson | 22,800 | -- | 62 | 0 | 62 | -- | 1938 | 2000 |
| 07316000 | Red R nr Gainesville, TX | 33°43'40" | 97°09'35" | Cooke | 24,800 | -- | 60 | 6 | 54 | 1937 | 1943 | 1996 |
| 07316200 | Mineral Cr nr Sadler, TX | 33°42'08" | 96°50'51" | Grayson | 26.0 | -- | 8 | 8 | 0 | 1969 | -- | 1976 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|------------------------------|--|-----------|-----------|-----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Red R Basin—Continued | | | | | | | | | | | | |
| 07331600 | Red R at Denison Dam nr Denison, TX | 33°49'08" | 96°33'47" | Grayson | 33,800 | -- | 69 | 19 | 50 | 1924 | 1944 | 2000 |
| 07332600 | Bois d'Arc Cr nr Randolph, TX | 33°28'32" | 96°12'52" | Fannin | 72.0 | -- | 22 | 22 | 0 | 1964 | -- | 1985 |
| 07335400 | Sanders Cr nr Chicota, TX | 33°51'09" | 95°32'40" | Lamar | 175 | -- | 19 | 0 | 19 | -- | 1968 | 1986 |
| 07335500 | Red R at Arthur City, TX | 33°52'32" | 95°30'06" | Lamar | 38,600 | -- | 69 | 13 | 57 | 1906 | 1944 | 2000 |
| 07336750 | Little Pine Cr nr Kanawha, TX | 33°50'26" | 95°15'55" | Red R | 75.4 | -- | 11 | 11 | 0 | 1970 | -- | 1980 |
| 07336800 | Pecan Bayou nr Clarksville, TX | 33°41'07" | 94°59'41" | Red R | 100 | -- | 15 | 15 | 0 | 1963 | -- | 1977 |
| 07336820 | Red R nr De Kalb, TX | 33°40'59" | 94°41'39" | Bowie | 41,400 | -- | 31 | 0 | 31 | -- | 1968 | 1998 |
| 07337000 | Red R at Index, Arkansas | 33°33'07" | 94°02'28" | Miller | 42,100 | -- | 64 | 7 | 57 | 1937 | 1944 | 2000 |
| 07342465 | South Sulphur R at Commerce, TX | 33°12'42" | 95°54'50" | Hunt | 150 | -- | 9 | 9 | 0 | 1992 | -- | 2000 |
| 07342470 | South Sulphur R nr Commerce, TX | 33°13'11" | 95°51'45" | Hunt | 189 | -- | 12 | 12 | 0 | 1980 | -- | 1991 |
| 07342480 | Middle Sulphur R at Commerce, TX | 33°15'59" | 95°54'55" | Hunt | 44.1 | -- | 9 | 9 | 0 | 1992 | -- | 2000 |
| 07342500 | South Sulphur R nr Cooper, TX | 33°21'23" | 95°35'41" | Delta | 527 | -- | 58 | 49 | 9 | 1943 | 1992 | 2000 |
| 07343000 | North Sulphur R nr Cooper, TX | 33°28'29" | 95°35'15" | Lamar | 276 | -- | 51 | 51 | 0 | 1950 | -- | 2000 |
| 07343200 | Sulphur R nr Talco, TX | 33°23'26" | 95°03'44" | Titus | 1,370 | -- | 44 | 35 | 9 | 1957 | 1992 | 2000 |
| 07343300 | Cuthand Cr nr Bogata, TX | 33°32'51" | 95°10'22" | Red R | 69.0 | -- | 11 | 11 | 0 | 1964 | -- | 1974 |
| 07343500 | White Oak Cr nr Talco, TX | 33°19'20" | 95°05'33" | Titus | 494 | -- | 50 | 22 | 28 | 1951 | 1973 | 2000 |
| 07344000 | Sulphur R nr Darden, TX | 33°15'00" | 94°37'00" | Bowie | 2,770 | -- | 33 | 33 | 0 | 1924 | -- | 1956 |
| 07344210 | Sulphur R nr Texarkana, TX | 33°18'20" | 94°09'03" | Bowie | 3,440 | -- | 6 | 0 | 6 | -- | 1980 | 1985 |
| 07344482 | Big Cypress Cr nr Winnsboro, TX | 33°01'24" | 95°16'12" | Franklin | 27.2 | -- | 17 | 0 | 17 | -- | 1975 | 1991 |
| 07344486 | Brushy Cr at Scroggins, TX | 32°58'32" | 95°11'03" | Franklin | 23.4 | -- | 22 | 22 | 0 | 1979 | -- | 2000 |
| 07344500 | Big Cypress Cr nr Pittsburg, TX | 33°01'15" | 94°52'55" | Camp | 366 | -- | 41 | 21 | 20 | 1944 | 1970 | 1989 |
| 07345000 | Boggy Cr nr Daingerfield, TX | 33°02'10" | 94°47'15" | Morris | 72.0 | -- | 34 | 34 | 0 | 1944 | -- | 1977 |
| 07346000 | Big Cypress Cr nr Jefferson, TX | 32°44'58" | 94°29'55" | Marion | 850 | -- | 56 | 33 | 23 | 1925 | 1958 | 2000 |
| 07346045 | Black Cypress Bayou at Jefferson, TX | 32°46'40" | 94°21'26" | Marion | 365 | -- | 32 | 32 | 0 | 1969 | -- | 2000 |
| 07346050 | Little Cypress Cr nr Ore City, TX | 32°40'21" | 94°45'03" | Upshur | 383 | -- | 36 | 36 | 0 | 1964 | -- | 1999 |
| 07346070 | Little Cypress Cr nr Jefferson, TX | 32°42'46" | 94°20'45" | Marion | 675 | -- | 54 | 54 | 0 | 1947 | -- | 2000 |
| 07346140 | Frazier Cr nr Linden, TX | 33°03'14" | 94°17'24" | Cass | 48.0 | -- | 26 | 26 | 0 | 1966 | -- | 1991 |
| Sabine R Basin | | | | | | | | | | | | |
| 08017200 | Cowleech Fk Sabine R at Greenville, TX | 33°07'58" | 96°04'36" | Hunt | 77.7 | -- | 41 | 41 | 0 | 1960 | -- | 2000 |
| 08017300 | South Fk Sabine R nr Quinlan, TX | 32°53'52" | 96°15'11" | Hunt | 78.7 | -- | 41 | 41 | 0 | 1960 | -- | 2000 |
| 08017410 | Sabine R nr Wills Point, TX | 32°48'22" | 95°55'09" | Van Zandt | 756 | -- | 30 | 0 | 30 | -- | 1971 | 2000 |
| 08017500 | Sabine R nr Emory, TX | 32°46'23" | 95°47'56" | Rains | 888 | -- | 21 | 8 | 13 | 1953 | 1961 | 1973 |
| 08018200 | Grand Saline Cr nr Grand Saline, TX | 32°40'20" | 95°36'36" | Van Zandt | 91.4 | -- | 5 | 5 | 0 | 1969 | -- | 1973 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|---------------------------------|---|-----------|-----------|-----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Sabine R Basin—Continued | | | | | | | | | | | | |
| 08018500 | Sabine R nr Mineola, TX | 32°36'49" | 95°29'08" | Wood | 1,360 | -- | 53 | 20 | 33 | 1940 | 1968 | 2000 |
| 08018730 | Burke Cr nr Yantis, TX | 32°59'26" | 95°37'18" | Hopkins | 33.1 | -- | 11 | 11 | 0 | 1979 | -- | 1989 |
| 08019000 | Lake Fk Cr nr Quitman, TX | 32°45'47" | 95°27'46" | Wood | 585 | -- | 62 | 41 | 21 | 1925 | 1980 | 2000 |
| 08019200 | Sabine R nr Hawkins, TX | 32°33'35" | 95°12'23" | Wood | 2,259 | -- | 3 | 0 | 3 | -- | 1998 | 2000 |
| 08019500 | Big Sandy Cr nr Big Sandy, TX | 32°36'14" | 95°05'29" | Upshur | 231 | -- | 61 | 23 | 38 | 1940 | 1963 | 2000 |
| 08020000 | Sabine R nr Gladewater, TX | 32°31'37" | 94°57'36" | Gregg | 2,790 | -- | 68 | 28 | 40 | 1933 | 1961 | 2000 |
| 08020200 | Prairie Cr nr Gladewater, TX | 32°28'45" | 94°57'14" | Gregg | 48.9 | -- | 8 | 8 | 0 | 1969 | -- | 1976 |
| 08020500 | Sabine R nr Longview, TX | 32°28'00" | 94°46'50" | Gregg | 2,950 | -- | 8 | 8 | 0 | 1925 | -- | 1932 |
| 08020700 | Rabbit Cr at Kilgore, TX | 32°23'17" | 94°54'11" | Gregg | 75.8 | -- | 13 | 13 | 0 | 1964 | -- | 1976 |
| 08020900 | Sabine R below Longview, TX | 32°25'00" | 94°42'35" | Gregg | 3,160 | -- | 5 | 0 | 5 | -- | 1996 | 2000 |
| 08020960 | Mill Cr nr Henderson, TX | 32°14'02" | 94°46'54" | Rusk | 20.3 | -- | 3 | 3 | 0 | 1979 | -- | 1981 |
| 08020980 | Mill Cr nr Longview, TX | 32°18'18" | 94°43'41" | Rusk | 47.9 | -- | 3 | 3 | 0 | 1979 | -- | 1981 |
| 08020990 | Tiawichi Cr nr Longview, TX | 32°19'14" | 94°43'57" | Rusk | 62.7 | -- | 3 | 3 | 0 | 1979 | -- | 1981 |
| 08021000 | Cherokee Bayou nr Elderville, TX | 32°20'00" | 94°42'00" | Gregg | 120 | -- | 9 | 9 | 0 | 1940 | -- | 1948 |
| 08022040 | Sabine R nr Beckville, TX | 32°19'38" | 94°21'12" | Panola | 3,590 | -- | 62 | 22 | 40 | 1939 | 1961 | 2000 |
| 08022070 | Martin Cr nr Tatum, TX | 32°17'44" | 94°29'29" | Panola | 148 | -- | 22 | 0 | 22 | -- | 1975 | 1996 |
| 08022300 | Murvaul Bayou nr Gary, TX | 32°02'54" | 94°22'31" | Panola | 134 | -- | 25 | 0 | 25 | -- | 1959 | 1983 |
| 08022400 | Socagee Cr nr Carthage, TX | 32°13'54" | 94°05'31" | Panola | 82.6 | -- | 11 | 11 | 0 | 1963 | -- | 1973 |
| 08022500 | Sabine R at Logansport, LA | 31°58'20" | 94°00'22" | Shelby | 4,840 | -- | 64 | 57 | 7 | 1904 | 1961 | 1967 |
| 08023200 | Tenaha Cr nr Shelbyville, TX | 31°45'56" | 94°05'02" | Shelby | 97.8 | -- | 28 | 28 | 0 | 1953 | -- | 1980 |
| 08024400 | Sabine R nr Milam, TX | 31°28'01" | 93°44'41" | Sabine | 6,510 | -- | 29 | 22 | 7 | 1924 | 1960 | 1966 |
| 08024500 | Palo Gaucho Bayou nr Hemphill, TX | 31°23'10" | 93°50'08" | Sabine | 123 | -- | 13 | 13 | 0 | 1953 | -- | 1965 |
| 08025307 | Mill Cr nr Burkeville, TX | 31°09'23" | 93°40'35" | Newton | 18.0 | -- | 5 | 5 | 0 | 1975 | -- | 1979 |
| 08025360 | Sabine R at Toledo Bend Reservoir nr Burkeville, TX | 31°10'25" | 93°33'57" | Newton | 7,180 | -- | 29 | 0 | 29 | -- | 1972 | 2000 |
| 08026000 | Sabine R nr Burkeville, TX | 31°03'50" | 93°31'10" | Newton | 7,480 | -- | 45 | 10 | 35 | 1956 | 1966 | 2000 |
| 08028500 | Sabine R nr Bon Wier, TX | 30°44'49" | 93°36'30" | Newton | 8,230 | -- | 77 | 42 | 35 | 1924 | 1966 | 2000 |
| 08029500 | Big Cow Cr nr Newton, TX | 30°49'08" | 93°47'07" | Newton | 128 | -- | 48 | 48 | 0 | 1953 | -- | 2000 |
| 08030000 | Cypress Cr nr Buna, TX | 30°25'52" | 93°54'28" | Jasper | 69.2 | -- | 31 | 31 | 0 | 1953 | -- | 1983 |
| 08030500 | Sabine R nr Ruliff, TX | 30°18'13" | 93°44'37" | Newton | 9,330 | -- | 76 | 42 | 34 | 1925 | 1967 | 2000 |
| 08031000 | Cow Bayou nr Mauriceville, TX | 30°11'10" | 93°54'30" | Orange | 83.3 | -- | 34 | 34 | 0 | 1953 | -- | 1986 |
| Neches R Basin | | | | | | | | | | | | |
| 08031200 | Kickapoo Cr nr Brownsboro, TX | 32°18'34" | 95°36'19" | Henderson | 232 | -- | 27 | 27 | 0 | 1963 | -- | 1989 |
| 08031500 | Neches R nr Reese, TX | 32°01'30" | 95°25'40" | Cherokee | 851 | -- | 3 | 3 | 0 | 1925 | -- | 1927 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|---------------------------------|---|-----------|-----------|---------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Neches R Basin—Continued | | | | | | | | | | | | |
| 08032000 | Neches R nr Neches, TX | 31°53'32" | 95°25'50" | Anderson | 1,150 | -- | 61 | 22 | 39 | 1940 | 1962 | 2000 |
| 08032500 | Neches R nr Alto, TX | 31°34'45" | 95°09'55" | Cherokee | 1,950 | -- | 34 | 17 | 17 | 1945 | 1962 | 1978 |
| 08033000 | Neches R nr Diboll, TX | 31°07'58" | 94°48'35" | Polk | 2,720 | -- | 48 | 24 | 24 | 1924 | 1962 | 1985 |
| 08033300 | Piney Cr nr Groveton, TX | 31°08'25" | 95°05'11" | Trinity | 79.0 | -- | 28 | 28 | 0 | 1962 | -- | 1989 |
| 08033500 | Neches R nr Rockland, TX | 31°01'29" | 94°23'55" | Tyler | 3,640 | -- | 95 | 56 | 39 | 1904 | 1962 | 2000 |
| 08033700 | Striker Cr nr Summerfield, TX | 32°00'10" | 94°59'35" | Cherokee | 146 | -- | 9 | 9 | 0 | 1941 | -- | 1949 |
| 08033900 | East Fk Angelina R nr Cushing, TX | 31°51'36" | 94°49'23" | Rusk | 158 | -- | 25 | 25 | 0 | 1965 | -- | 1989 |
| 08034500 | Mud Cr nr Jacksonville, TX | 31°58'35" | 95°09'38" | Cherokee | 376 | -- | 40 | 9 | 31 | 1940 | 1949 | 1979 |
| 08035000 | Mud Cr at Ponta, TX | 31°53'21" | 95°05'19" | Cherokee | 475 | -- | 3 | 3 | 0 | 1925 | -- | 1927 |
| 08036500 | Angelina R nr Alto, TX | 31°40'10" | 94°57'24" | Cherokee | 1,280 | -- | 42 | 1 | 41 | 1943 | 1960 | 2000 |
| 08037000 | Angelina R nr Lufkin, TX | 31°27'26" | 94°43'34" | Angelina | 1,600 | -- | 51 | 28 | 23 | 1924 | 1957 | 1979 |
| 08037050 | Bayou LaNana at Nacogdoches, TX | 31°36'58" | 94°38'28" | Nacogdoches | 31.3 | -- | 27 | 27 | 0 | 1965 | -- | 1993 |
| 08037500 | Arenoso Cr nr San Augustine, TX | 31°35'48" | 94°16'06" | San Augustine | 75.3 | -- | 2 | 2 | 0 | 1939 | -- | 1940 |
| 08038000 | Attoyac Bayou nr Chireno, TX | 31°30'15" | 94°18'15" | Nacogdoches | 503 | -- | 46 | 46 | 0 | 1925 | -- | 1985 |
| 08038500 | Angelina R nr Zavalla, TX | 31°12'41" | 94°17'40" | Angelina | 2,890 | -- | 13 | 13 | 0 | 1952 | -- | 1964 |
| 08039100 | Ayish Bayou nr San Augustine, TX | 31°23'46" | 94°09'03" | San Augustine | 89.0 | -- | 26 | 26 | 0 | 1960 | -- | 1985 |
| 08039500 | Angelina R at Horger, TX | 31°00'54" | 94°09'07" | Jasper | 3,490 | -- | 30 | 22 | 8 | 1929 | 1965 | 1973 |
| 08040600 | Neches R nr Town Bluff, TX | 30°47'27" | 94°09'03" | Tyler | 7,570 | -- | 49 | 0 | 49 | -- | 1952 | 2000 |
| 08041000 | Neches R at Evadale, TX | 30°21'20" | 94°05'35" | Jasper | 7,950 | -- | 81 | 31 | 50 | 1905 | 1951 | 2000 |
| 08041500 | Village Cr nr Kountze, TX | 30°23'52" | 94°15'48" | Hardin | 860 | -- | 64 | 64 | 0 | 1925 | -- | 2000 |
| 08041700 | Pine Island Bayou nr Sour Lake, TX | 30°06'21" | 94°20'04" | Hardin | 336 | -- | 33 | 33 | 0 | 1968 | -- | 2000 |
| Trinity R Basin | | | | | | | | | | | | |
| 08042700 | North Cr nr Jacksboro, TX | 33°16'57" | 98°17'53" | Jack | 21.6 | -- | 24 | 15 | 9 | 1957 | 1972 | 1980 |
| 08042800 | West Fk Trinity R nr Jacksboro, TX | 33°17'30" | 98°04'49" | Jack | 683 | -- | 44 | 17 | 27 | 1957 | 1974 | 2000 |
| 08043100 | West Fk Trinity R at Bridgeport, TX | 33°12'07" | 97°48'09" | Wise | 1,110 | -- | 5 | 0 | 5 | -- | 1985 | 1989 |
| 08043500 | West Fk Trinity R at Bridgeport, TX | 33°12'05" | 97°45'21" | Wise | 1,150 | -- | 14 | 14 | 0 | 1916 | -- | 1929 |
| 08043950 | Big Sandy Cr nr Chico, TX | 33°16'27" | 97°40'42" | Wise | 312 | -- | 64 | 19 | 45 | 1937 | 1956 | 2000 |
| 08044500 | West Fk Trinity R nr Boyd, TX | 33°05'07" | 97°33'30" | Wise | 1,730 | -- | 53 | 0 | 53 | -- | 1948 | 2000 |
| 08044800 | Walnut Cr at Reno, TX | 32°56'44" | 97°34'58" | Parker | 75.6 | -- | 5 | 5 | 0 | 1996 | -- | 2000 |
| 08045500 | West Fk Trinity R at Lake Worth Dam above FTW, TX | 32°47'27" | 97°24'54" | Tarrant | 2,070 | -- | 10 | 9 | 1 | 1925 | 1934 | 1934 |
| 08045850 | Clear Fk Trinity R nr Weatherford, TX | 32°44'25" | 97°39'06" | Parker | 121 | -- | 8 | 0 | 8 | -- | 1981 | 2000 |
| 08046000 | Clear Fk Trinity R nr Aledo, TX | 32°38'28" | 97°33'51" | Parker | 251 | -- | 28 | 9 | 19 | 1948 | 1957 | 1975 |
| 08047000 | Clear Fk Trinity R nr Benbrook, TX | 32°39'54" | 97°26'30" | Tarrant | 431 | -- | 53 | 5 | 48 | 1948 | 1953 | 2000 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|----------------------------------|--|-----------|-----------|---------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Trinity R Basin—Continued | | | | | | | | | | | | |
| 08047500 | Clear Fk Trinity R at FTW, TX | 32°43'56" | 97°21'31" | Tarrant | 518 | -- | 77 | 28 | 48 | 1925 | 1953 | 2000 |
| 08048000 | West Fk Trinity R at FTW, TX | 32°45'39" | 97°19'56" | Tarrant | 2,620 | -- | 80 | 0 | 80 | -- | 1921 | 2000 |
| 08048500 | Marine Cr at FTW, TX | 32°48'16" | 97°21'48" | Tarrant | 16.8 | -- | 8 | 7 | 1 | 1951 | 1958 | 1958 |
| 08048520 | Sycamore Cr at IH-35, FTW, TX | 32°39'55" | 97°19'16" | Tarrant | 17.7 | Yes | 7 | 7 | 0 | 1970 | -- | 1976 |
| 08048530 | Sycamore Cr trib above Seminary South Shopping Center, FTW, TX | 32°41'08" | 97°19'44" | Tarrant | .97 | Yes | 7 | 7 | 0 | 1970 | -- | 1976 |
| 08048540 | Sycamore Cr trib at IH-35, FTW, TX | 32°41'18" | 97°19'11" | Tarrant | 1.35 | Yes | 7 | 7 | 0 | 1970 | -- | 1976 |
| 08048543 | West Fk Trinity R at Beach St, FTW, TX | 32°45'06" | 97°17'21" | Tarrant | 2,690 | -- | 24 | 0 | 24 | -- | 1977 | 2000 |
| 08048600 | Dry Branch at Fain St, FTW, TX | 32°46'34" | 97°17'18" | Tarrant | 2.15 | Yes | 8 | 8 | 0 | 1969 | -- | 1976 |
| 08048800 | Big Fossil Cr at Haltom City, TX | 32°48'26" | 97°14'54" | Tarrant | 52.8 | Yes | 14 | 14 | 0 | 1960 | -- | 1973 |
| 08048850 | Little Fossil Cr at Mesquite St, FTW, TX | 32°48'33" | 97°17'28" | Tarrant | 12.3 | Yes | 8 | 8 | 0 | 1969 | -- | 1976 |
| 08048970 | Village Cr at Everman, TX | 32°36'12" | 97°15'53" | Tarrant | 84.5 | -- | 11 | 11 | 0 | 1990 | -- | 2000 |
| 08049000 | Village Cr nr Handley, TX | 32°42'00" | 97°13'00" | Tarrant | 126 | -- | 4 | 4 | 0 | 1926 | -- | 1929 |
| 08049240 | Rush Cr at Woodland Park Blvd, Arlington, TX | 32°42'50" | 97°10'19" | Tarrant | 26.6 | -- | 1 | 1 | 0 | 1994 | -- | 1994 |
| 08049500 | West Fk Trinity R at Grand Prairie, TX | 32°45'46" | 96°59'42" | Dallas | 3,070 | -- | 75 | 6 | 69 | 1926 | 1932 | 2000 |
| 08049550 | Big Bear Cr nr Grapevine, TX | 32°54'48" | 97°07'44" | Tarrant | 29.6 | -- | 12 | 12 | 0 | 1968 | -- | 1979 |
| 08049565 | Trigg Branch at Dallas-FTW Airport nr Euless, TX | 32°52'02" | 97°02'20" | Brooks | 1.73 | Yes | 5 | 5 | 0 | 1983 | -- | 1987 |
| 08049580 | Mountain Cr nr Venus, TX | 32°29'27" | 97°07'22" | Dallas | 25.5 | -- | 2 | 2 | 0 | 1986 | -- | 1987 |
| 08049600 | Mountain Cr nr Cedar Hill, TX | 32°35'03" | 97°01'23" | Dallas | 119 | -- | 24 | 0 | 24 | -- | 1961 | 1984 |
| 08049700 | Walnut Cr nr Mansfield, TX | 32°34'51" | 97°06'06" | Tarrant | 62.8 | -- | 40 | 40 | 0 | 1961 | -- | 2000 |
| 08050000 | Mountain Cr nr Grand Prairie, TX | 32°42'20" | 96°58'00" | Dallas | 273 | -- | 8 | 8 | 0 | 1925 | -- | 1932 |
| 08050100 | Mountain Cr at Grand Prairie, TX | 32°44'51" | 96°55'32" | Dallas | 298 | -- | 40 | 0 | 40 | -- | 1961 | 2000 |
| 08050300 | Elm Fk Trinity R nr Muenster, TX | 33°36'36" | 97°22'57" | Cooke | 46.0 | -- | 17 | 0 | 17 | -- | 1957 | 1973 |
| 08050400 | Elm Fk Trinity R at Gainesville, TX | 33°37'27" | 97°09'22" | Cooke | 174 | -- | 15 | 15 | 0 | 1986 | -- | 2000 |
| 08050500 | Elm Fk Trinity R nr Sanger, TX | 33°23'11" | 97°05'05" | Denton | 381 | -- | 35 | 4 | 31 | 1950 | 1954 | 1984 |
| 08050800 | Timber Cr nr Collinsville, TX | 33°33'16" | 96°56'49" | Cooke | 38.8 | -- | 15 | 15 | 0 | 1986 | -- | 2000 |
| 08050840 | Range Cr nr Collinsville, TX | 33°31'34" | 96°48'25" | Denton | 29.2 | -- | 8 | 8 | 0 | 1993 | -- | 2000 |
| 08051000 | Isle Du Bois Cr nr Pilot Point, TX | 33°24'23" | 97°00'45" | Denton | 266 | -- | 35 | 35 | 0 | 1950 | -- | 1984 |
| 08051130 | Elm Fk Trinity R nr Pilot Point, TX | 33°21'01" | 97°02'49" | Denton | 692 | -- | 7 | 0 | 7 | -- | 1986 | 1992 |
| 08051500 | Clear Cr nr Sanger, TX | 33°20'10" | 97°10'45" | Denton | 295 | -- | 51 | 31 | 20 | 1950 | 1981 | 2000 |
| 08052000 | Elm Fk Trinity R nr Denton, TX | 33°15'02" | 97°02'42" | Denton | 1,080 | -- | 2 | 2 | 0 | 1925 | -- | 1926 |
| 08052650 | Little Elm Cr nr Celina, TX | 33°21'55" | 96°49'25" | Collin | 46.7 | -- | 10 | 0 | 10 | -- | 1967 | 1976 |
| 08052700 | Little Elm Cr nr Aubrey, TX | 33°17'00" | 96°53'33" | Denton | 75.5 | -- | 41 | 9 | 32 | 1957 | 1966 | 2000 |
| 08052780 | Hickory Cr at Denton, TX | 33°09'06" | 97°08'30" | Denton | 129 | -- | 2 | 0 | 2 | -- | 1986 | 1987 |
| 08053000 | Elm Fk Trinity R nr Lewisville, TX | 33°02'44" | 96°57'39" | Denton | 1,670 | -- | 51 | 0 | 51 | -- | 1950 | 2000 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|----------------------------------|---|-----------|-----------|-----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Trinity R Basin—Continued | | | | | | | | | | | | |
| 08053010 | Indian Cr at Hebron Pkwy at Carrollton, TX | 33°01'06" | 96°55'27" | Denton | 14.7 | -- | 3 | 3 | 0 | 1986 | -- | 1989 |
| 08053500 | Denton Cr nr Justin, TX | 33°07'08" | 97°17'25" | Denton | 400 | -- | 51 | 15 | 36 | 1950 | 1965 | 2000 |
| 08054000 | Denton Cr nr Roanoke, TX | 33°02'24" | 97°12'17" | Denton | 621 | -- | 20 | 20 | 0 | 1924 | -- | 1955 |
| 08055000 | Denton Cr nr Grapevine, TX | 32°59'13" | 97°00'45" | Tarrant | 705 | -- | 43 | 5 | 38 | 1948 | 1953 | 1990 |
| 08055500 | Elm Fk Trinity R nr Carrollton, TX | 32°57'57" | 96°56'39" | Dallas | 2,460 | -- | 93 | 44 | 49 | 1908 | 1952 | 2000 |
| 08055700 | Bachman Branch at Dallas, TX | 32°51'37" | 96°51'13" | Dallas | 10.0 | Yes | 16 | 16 | 0 | 1964 | -- | 1979 |
| 08056500 | Turtle Cr at Dallas, TX | 32°48'26" | 96°48'08" | Dallas | 7.98 | Yes | 36 | 18 | 18 | 1952 | 1970 | 1991 |
| 08057000 | Trinity R at Dallas, TX | 32°46'29" | 96°49'18" | Dallas | 6,110 | -- | 98 | 28 | 70 | 1903 | 1931 | 2000 |
| 08057100 | White Rock Cr at Keller Springs Rd, Dallas, TX | 32°58'13" | 96°48'19" | Dallas | 29.4 | Yes | 18 | 18 | 0 | 1962 | -- | 1979 |
| 08057200 | White Rock Cr at Greenville Ave, Dallas, TX | 32°53'21" | 96°45'23" | Dallas | 66.4 | Yes | 35 | 35 | 0 | 1962 | -- | 2000 |
| 08057300 | White Rock Cr at White Rock Lake, Dallas, TX | 32°48'31" | 96°43'32" | Dallas | 100 | Yes | 17 | 0 | 17 | -- | 1963 | 1979 |
| 08057400 | White Rock Cr at Scyene Rd, Dallas, TX | 32°45'57" | 96°43'49" | Dallas | 122 | Yes | 17 | 0 | 17 | -- | 1963 | 1979 |
| 08057410 | Trinity R below Dallas, TX | 32°42'26" | 96°44'08" | Dallas | 6,280 | -- | 43 | 0 | 43 | -- | 1958 | 2000 |
| 08057445 | Prairie Cr at US 175, Dallas, TX | 32°42'17" | 96°40'11" | Dallas | 9.03 | Yes | 21 | 21 | 0 | 1976 | -- | 2000 |
| 08057450 | Tenmile Cr at SH 342 at Lancaster, TX | 32°34'42" | 96°45'21" | Dallas | 52.8 | Yes | 10 | 10 | 0 | 1970 | -- | 1979 |
| 08058500 | Honey Cr nr McKinney, TX | 33°16'42" | 96°39'27" | Collin | 39.0 | -- | 22 | 0 | 22 | -- | 1952 | 1973 |
| 08058900 | East Fk Trinity R at McKinney, TX | 33°14'38" | 96°36'31" | Collin | 164 | -- | 25 | 0 | 25 | -- | 1976 | 2000 |
| 08059000 | East Fk Trinity R nr McKinney, TX | 33°12'13" | 96°35'44" | Collin | 190 | -- | 26 | 5 | 21 | 1950 | 1955 | 1975 |
| 08059400 | Sister Grove Cr nr Blue Ridge, TX | 33°17'40" | 96°28'58" | Collin | 83.1 | -- | 25 | 0 | 25 | -- | 1976 | 2000 |
| 08059500 | Sister Grove Cr nr Princeton, TX | 33°11'35" | 96°28'32" | Collin | 113 | -- | 25 | 3 | 22 | 1950 | 1953 | 1974 |
| 08060000 | East Fk Trinity R above Pilot Grove, TX | 33°01'23" | 96°28'32" | Collin | 324 | -- | 4 | 4 | 0 | 1950 | -- | 1953 |
| 08061000 | East Fk Trinity R nr Lavon, TX | 33°01'25" | 96°28'31" | Collin | 773 | -- | 36 | 0 | 36 | -- | 1954 | 1989 |
| 08061500 | East Fk Trinity R nr Rockwall, TX | 32°55'25" | 96°30'20" | Rockwall | 840 | -- | 30 | 29 | 1 | 1925 | 1954 | 1954 |
| 08061540 | Rowlett Cr nr Sachse, TX | 32°57'35" | 96°36'51" | Dallas | 120 | -- | 32 | 32 | 0 | 1969 | -- | 2000 |
| 08061700 | Duck Cr nr Garland, TX | 32°49'58" | 96°35'43" | Dallas | 31.6 | Yes | 34 | 34 | 0 | 1959 | -- | 1992 |
| 08061750 | East Fk Trinity R nr Forney, TX | 32°46'27" | 96°30'12" | Kaufman | 1,120 | -- | 27 | 0 | 27 | -- | 1974 | 2000 |
| 08061950 | South Mesquite Cr at Mercury Rd nr Mesquite, TX | 32°43'32" | 96°34'12" | Dallas | 23.0 | Yes | 11 | 11 | 0 | 1969 | -- | 1979 |
| 08062000 | East Fk Trinity R nr Crandall, TX | 32°38'19" | 96°29'06" | Kaufman | 1,260 | -- | 51 | 4 | 47 | 1950 | 1954 | 2000 |
| 08062500 | Trinity R nr Rosser, TX | 32°25'35" | 96°27'46" | Kaufman | 8,150 | -- | 62 | 0 | 62 | -- | 1925 | 2000 |
| 08062650 | Cedar Cr Reservoir spillway outflow nr Trinidad, TX | 32°14'16" | 96°08'36" | Henderson | 1,010 | -- | 17 | 0 | 17 | -- | 1966 | 1982 |
| 08062700 | Trinity R at Trinidad, TX | 32°08'05" | 96°06'20" | Henderson | 8,540 | -- | 36 | 0 | 36 | -- | 1965 | 2000 |
| 08062800 | Cedar Cr nr Kemp, TX | 32°30'18" | 96°06'57" | Kaufman | 189 | -- | 24 | 6 | 18 | 1964 | 1970 | 1987 |
| 08062900 | Kings Cr nr Kaufman, TX | 32°30'48" | 96°19'44" | Kaufman | 233 | -- | 24 | 8 | 16 | 1964 | 1972 | 1987 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|--|---|-----------|-----------|-------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Trinity R Basin—Continued | | | | | | | | | | | | |
| 08062980 | Lacy Fk nr Mabank, TX | 32°25'27" | 96°06'33" | Kaufman | 118 | -- | 1 | 1 | 0 | 1983 | -- | 1983 |
| 08063000 | Cedar Cr nr Mabank, TX | 32°19'45" | 96°10'05" | Kaufman | 733 | -- | 27 | 27 | 0 | 1939 | -- | 1965 |
| 08063003 | South Twin Cr nr Eustace, TX | 32°19'18" | 96°01'43" | Henderson | 27.4 | -- | 1 | 1 | 0 | 1983 | -- | 1983 |
| 08063020 | Cedar Cr at Trinidad, TX | 32°09'24" | 96°03'45" | Henderson | 1,010 | -- | 6 | 0 | 6 | -- | 1966 | 1971 |
| 08063100 | Richland Cr nr Dawson, TX | 31°56'18" | 96°40'52" | Navarro | 333 | -- | 40 | 2 | 38 | 1961 | 1963 | 2000 |
| 08063200 | Pin Oak Cr nr Hubbard, TX | 31°48'01" | 96°43'02" | Limestone | 17.6 | -- | 16 | 5 | 11 | 1957 | 1962 | 1972 |
| 08063500 | Richland Cr nr Richland, TX | 31°57'02" | 96°25'16" | Navarro | 734 | -- | 49 | 23 | 26 | 1940 | 1963 | 1988 |
| 08063800 | Waxahachie Cr nr Bardwell, TX | 32°14'36" | 96°38'24" | Ellis | 178 | -- | 37 | 0 | 37 | -- | 1964 | 2000 |
| 08064100 | Chambers Cr nr Rice, TX | 32°11'54" | 96°31'12" | Navarro | 807 | -- | 17 | 0 | 17 | -- | 1984 | 2000 |
| 08064500 | Chambers Cr nr Corsicana, TX | 32°06'29" | 96°22'14" | Navarro | 963 | -- | 45 | 21 | 24 | 1940 | 1961 | 1984 |
| 08064600 | Richland Cr nr Fairfield, TX | 31°57'08" | 96°05'50" | Freestone | 1,960 | -- | 10 | 0 | 10 | -- | 1973 | 1982 |
| 08064700 | Tehuacana Cr nr Streetman, TX | 31°50'46" | 96°17'37" | Freestone | 142 | -- | 32 | 32 | 0 | 1969 | -- | 2000 |
| 08064800 | Catfish Cr nr Tennessee Colony, TX | 31°52'51" | 95°52'07" | Anderson | 207 | -- | 27 | 27 | 0 | 1963 | -- | 1989 |
| 08065000 | Trinity R nr Oakwood, TX | 31°38'54" | 95°47'21" | Anderson | 12,800 | -- | 77 | 0 | 77 | -- | 1924 | 2000 |
| 08065200 | Upper Keechi Cr nr Oakwood, TX | 31°34'11" | 95°53'17" | Leon | 150 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08065350 | Trinity R nr Crockett, TX | 31°20'18" | 95°39'22" | Houston | 13,900 | -- | 37 | 0 | 37 | -- | 1964 | 2000 |
| 08065500 | Trinity R nr Midway, TX | 31°04'28" | 95°41'57" | Madison | 14,500 | -- | 31 | 14 | 17 | 1940 | 1954 | 1970 |
| 08065700 | Caney Cr nr Madisonville, TX | 30°56'12" | 95°56'07" | Madison | 112 | -- | 13 | 13 | 0 | 1964 | -- | 1976 |
| 08065800 | Bedias Cr nr Madisonville, TX | 30°53'03" | 95°46'39" | Walker | 321 | -- | 33 | 33 | 0 | 1968 | -- | 2000 |
| 08066000 | Trinity R at Riverside, TX | 30°51'33" | 95°23'55" | Walker | 15,600 | -- | 45 | 30 | 15 | 1924 | 1954 | 1968 |
| 08066100 | White Rock Cr nr Trinity, TX | 31°03'06" | 95°22'40" | Trinity | 222 | -- | 16 | 16 | 0 | 1967 | -- | 1985 |
| 08066170 | Kickapoo Cr nr Onalaska, TX | 30°54'25" | 95°05'18" | Polk | 57.0 | -- | 34 | 34 | 0 | 1967 | -- | 2000 |
| 08066200 | Long King Cr at Livingston, TX | 30°42'58" | 94°57'31" | Polk | 141 | -- | 37 | 37 | 0 | 1964 | -- | 2000 |
| 08066250 | Trinity R nr Goodrich, TX | 30°34'19" | 94°56'55" | Polk | 16,800 | -- | 34 | 0 | 34 | -- | 1967 | 2000 |
| 08066300 | Menard Cr nr Rye, TX | 30°28'52" | 94°46'46" | Liberty | 152 | -- | 34 | 34 | 0 | 1967 | -- | 2000 |
| 08066400 | Big Cr nr Shepherd, TX | 30°30'59" | 94°59'06" | San Jacinto | 38.8 | -- | 23 | 23 | 0 | 1967 | -- | 1989 |
| 08066500 | Trinity R at Romayer, TX | 30°25'30" | 94°51'02" | Liberty | 17,200 | -- | 76 | 29 | 47 | 1925 | 1954 | 2000 |
| Cedar Bayou Basin (Coastal Basin) | | | | | | | | | | | | |
| 08067500 | Cedar Bayou nr Crosby, TX | 29°58'21" | 94°59'08" | Liberty | 64.9 | -- | 20 | 20 | 0 | 1972 | -- | 1991 |
| San Jacinto R Basin | | | | | | | | | | | | |
| 08067650 | West Fk San Jacinto R below Lake Conroe nr Conroe, TX | 30°20'31" | 95°32'34" | Montgomery | 451 | -- | 21 | 0 | 21 | -- | 1973 | 2000 |
| 08067700 | Caney Cr nr Dobbin, TX | 30°21'13" | 95°48'35" | Montgomery | 40.4 | -- | 2 | 2 | 0 | 1964 | -- | 1965 |
| 08068000 | West Fk San Jacinto R nr Conroe, TX | 30°14'40" | 95°27'25" | Montgomery | 828 | -- | 64 | 36 | 28 | 1925 | 1973 | 2000 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|--------------------------------------|--|-----------|-----------|------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| San Jacinto R Basin—Continued | | | | | | | | | | | | |
| 08068090 | West Fk San Jacinto R above Lake Houston nr Porter, TX | 30°05'09" | 95°17'59" | Montgomery | 962 | -- | 16 | 0 | 16 | -- | 1985 | 2000 |
| 08068275 | Spring Cr nr Tomball, TX | 30°07'11" | 95°38'45" | Harris | 186 | -- | 1 | 1 | 0 | 2000 | -- | 2000 |
| 08068390 | Bear Branch at Research Forest Blvd, The Woodlands, TX | 30°11'25" | 95°29'27" | Montgomery | 15.4 | -- | 1 | 1 | 0 | 2000 | -- | 2000 |
| 08068450 | Panther Branch nr Spring, TX | 30°07'51" | 95°28'52" | Harris | 34.5 | -- | 4 | 4 | 0 | 1973 | -- | 1976 |
| 08068500 | Spring Cr nr Spring, TX | 30°06'37" | 95°26'10" | Harris | 409 | -- | 61 | 61 | 0 | 1940 | -- | 2000 |
| 08068720 | Cypress Cr at Katy-Hockley Rd nr Hockley, TX | 29°57'00" | 95°48'29" | Harris | 110 | -- | 23 | 23 | 0 | 1976 | -- | 2000 |
| 08068740 | Cypress Cr at House-Hahl Rd nr Cypress, TX | 29°57'32" | 95°43'03" | Harris | 131 | -- | 25 | 25 | 0 | 1976 | -- | 2000 |
| 08068780 | Little Cypress Cr nr Cypress, TX | 30°00'57" | 95°41'50" | Harris | 41.0 | -- | 10 | 10 | 0 | 1983 | -- | 1992 |
| 08068800 | Cypress Cr at Grant Rd nr Cypress, TX | 29°58'24" | 95°35'54" | Harris | 214 | -- | 10 | 10 | 0 | 1983 | -- | 1992 |
| 08068900 | Cypress Cr at Stuebner Airline Rd nr Westfield, TX | 30°00'23" | 95°30'42" | Harris | 248 | Yes | 2 | 2 | 0 | 1988 | -- | 1989 |
| 08069000 | Cypress Cr nr Westfield, TX | 30°02'08" | 95°25'43" | Harris | 285 | Yes | 56 | 56 | 0 | 1945 | -- | 2000 |
| 08069500 | West Fk San Jacinto R nr Humble, TX | 30°01'37" | 95°15'28" | Harris | 1,740 | -- | 26 | 26 | 0 | 1929 | -- | 1954 |
| 08070000 | East Fk San Jacinto R nr Cleveland, TX | 30°20'11" | 95°06'14" | Liberty | 325 | -- | 61 | 61 | 0 | 1940 | -- | 2000 |
| 08070200 | East Fk San Jacinto R nr New Caney, TX | 30°08'43" | 95°07'27" | Montgomery | 388 | -- | 16 | 16 | 0 | 1985 | -- | 2000 |
| 08070500 | Caney Cr nr Splendora, TX | 30°15'34" | 95°18'08" | Montgomery | 105 | -- | 56 | 56 | 0 | 1945 | -- | 2000 |
| 08071000 | Peach Cr at Splendora, TX | 30°13'57" | 95°10'05" | Montgomery | 117 | -- | 35 | 35 | 0 | 1944 | -- | 2000 |
| 08071280 | Luce Bayou above Lake Houston nr Huffman, TX | 30°06'34" | 95°03'35" | Liberty | 218 | -- | 16 | 16 | 0 | 1985 | -- | 2000 |
| 08071500 | San Jacinto R nr Huffman, TX | 29°59'40" | 95°08'00" | Harris | 2,800 | -- | 17 | 17 | 0 | 1937 | -- | 1953 |
| 08072300 | Buffalo Bayou nr Katy, TX | 29°44'35" | 95°48'24" | Fort Bend | 63.3 | -- | 23 | 23 | 0 | 1978 | -- | 2000 |
| 08072730 | Bear Cr nr Barker, TX | 29°49'50" | 95°41'12" | Harris | 21.5 | -- | 23 | 23 | 0 | 1978 | -- | 2000 |
| 08073500 | Buffalo Bayou nr Addicks, TX | 29°45'42" | 95°36'20" | Harris | 293 | Yes | 55 | 0 | 55 | -- | 1946 | 2000 |
| 08073600 | Buffalo Bayou at West Belt Dr, Houston, TX | 29°45'43" | 95°33'27" | Harris | 307 | Yes | 29 | 7 | 22 | 1972 | 1979 | 2000 |
| 08073700 | Buffalo Bayou at Piney Point, TX | 29°44'48" | 95°31'24" | Harris | 317 | -- | 29 | 0 | 29 | -- | 1964 | 2000 |
| 08074000 | Buffalo Bayou at Houston, TX | 29°45'36" | 95°24'30" | Harris | 358 | Yes | 34 | 9 | 25 | 1937 | 1945 | 1975 |
| 08074150 | Cole Cr at Deihl Rd, Houston, TX | 29°51'04" | 95°29'16" | Harris | 7.50 | Yes | 22 | 22 | 0 | 1965 | -- | 1986 |
| 08074250 | Brickhouse Gulley at Costa Rica St, Houston, TX | 29°49'40" | 95°28'09" | Harris | 11.4 | Yes | 17 | 17 | 0 | 1965 | -- | 1981 |
| 08074500 | Whiteoak Bayou at Houston, TX | 29°46'30" | 95°23'49" | Harris | 86.3 | Yes | 64 | 64 | 0 | 1937 | -- | 2000 |
| 08074800 | Keegans Bayou at Roark Rd nr Houston, TX | 29°39'23" | 95°33'43" | Harris | 12.7 | Yes | 20 | 20 | 0 | 1965 | -- | 1984 |
| 08075000 | Brays Bayou at Houston, TX | 29°41'49" | 95°24'43" | Harris | 94.9 | Yes | 64 | 64 | 0 | 1937 | -- | 2000 |
| 08075400 | Sims Bayou at Hiram Clarke St, Houston, TX | 29°37'07" | 95°26'45" | Harris | 20.2 | Yes | 28 | 28 | 0 | 1965 | -- | 2000 |
| 08075500 | Sims Bayou at Houston, TX | 29°40'27" | 95°17'21" | Harris | 63.0 | Yes | 43 | 43 | 0 | 1953 | -- | 1995 |
| 08075650 | Berry Bayou at Forest Oaks St, Houston, TX | 29°40'35" | 95°14'37" | Harris | 10.1 | Yes | 2 | 2 | 0 | 1965 | -- | 1966 |
| 08075730 | Vince Bayou at Pasadena, TX | 29°41'40" | 95°12'58" | Harris | 7.32 | Yes | 29 | 29 | 0 | 1972 | -- | 2000 |
| 08075770 | Hunting Bayou at IH-610, Houston, TX | 29°47'35" | 95°16'04" | Harris | 16.1 | Yes | 36 | 36 | 0 | 1965 | -- | 2000 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|--|---|-----------|------------|--------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| San Jacinto R Basin—Continued | | | | | | | | | | | | |
| 08075900 | Greens Bayou nr US 75 nr Houston, TX | 29°57'24" | 95°25'04" | Harris | 36.6 | Yes | 26 | 26 | 0 | 1966 | -- | 1992 |
| 08076000 | Greens Bayou nr Houston, TX | 29°55'05" | 95°18'24" | Harris | 68.7 | Yes | 48 | 48 | 0 | 1953 | -- | 2000 |
| 08076180 | Garners Bayou nr Humble, TX | 29°56'03" | 95°14'02" | Harris | 31.0 | -- | 7 | 7 | 0 | 1987 | -- | 1993 |
| 08076500 | Halls Bayou at Houston, TX | 29°51'42" | 95°20'05" | Harris | 28.7 | Yes | 41 | 41 | 0 | 1953 | -- | 1993 |
| Clear Cr Basin (Coastal Basin) | | | | | | | | | | | | |
| 08077000 | Clear Cr nr Pearland, TX | 29°35'50" | 95°17'11" | Brazoria | 38.8 | Yes | 41 | 41 | 0 | 1948 | -- | 1992 |
| Chocolate Bayou Basin (Coastal Basin) | | | | | | | | | | | | |
| 08078000 | Chocolate Bayou nr Alvin, TX | 29°22'09" | 95°19'14" | Brazoria | 87.7 | -- | 41 | 41 | 0 | 1960 | -- | 2000 |
| Oyster Cr Basin (Coastal Basin) | | | | | | | | | | | | |
| 08079000 | Oyster Cr nr Angleton, TX | 29°09'30" | 95°28'32" | Brazoria | 171 | Yes | 36 | 29 | 7 | 1945 | 1974 | 1980 |
| Brazos R Basin | | | | | | | | | | | | |
| 08079500 | North Fk Double Mountain Fk Brazos R at Lubbock, TX | 33°35'08" | 101°49'40" | Lubbock | 200 | -- | 10 | 10 | 0 | 1940 | -- | 1949 |
| 08079575 | North Fk Double Mountain Fk Brazos R nr Post, TX | 33°14'55" | 101°20'17" | Garza | 438 | -- | 10 | 10 | 0 | 1984 | -- | 1993 |
| 08079600 | Double Mountain Fk Brazos R at Justiceburg, TX | 33°02'18" | 101°11'50" | Garza | 244 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08080000 | Double Mountain Fk Brazos R nr Rotan, TX | 32°55'49" | 100°29'16" | Fisher | 1,600 | -- | 1 | 1 | 0 | 1951 | -- | 1951 |
| 08080500 | Double Mountain Fk Brazos R nr Aspermont, TX | 33°00'29" | 100°10'49" | Stonewall | 1,860 | -- | 71 | 71 | 0 | 1925 | -- | 2000 |
| 08080540 | McDonald Cr nr Post, TX | 33°21'03" | 101°13'36" | Garza | 79.2 | -- | 13 | 13 | 0 | 1966 | -- | 1978 |
| 08080700 | Running Water Draw at Plainview, TX | 34°10'44" | 101°42'08" | Hale | 382 | -- | 34 | 34 | 0 | 1940 | -- | 1978 |
| 08080950 | Duck Cr nr Girard, TX | 33°21'22" | 100°42'17" | Kent | 279 | -- | 25 | 2 | 23 | 1965 | 1967 | 1989 |
| 08081000 | Salt Fk Brazos R nr Peacock, TX | 33°12'43" | 100°25'53" | Stonewall | 1,990 | -- | 23 | 0 | 23 | -- | 1951 | 1986 |
| 08081200 | Croton Cr nr Jayton, TX | 33°17'18" | 100°25'52" | Stonewall | 290 | -- | 27 | 27 | 0 | 1960 | -- | 1986 |
| 08081500 | Salt Croton Cr nr Aspermont, TX | 33°24'03" | 100°24'29" | King | 64.3 | -- | 21 | 21 | 0 | 1957 | -- | 1977 |
| 08082000 | Salt Fk Brazos R nr Aspermont, TX | 33°20'02" | 100°14'16" | Stonewall | 2,500 | -- | 61 | 24 | 37 | 1940 | 1964 | 2000 |
| 08082100 | Stinking Cr nr Aspermont, TX | 33°14'00" | 100°12'47" | Stonewall | 88.8 | -- | 18 | 18 | 0 | 1966 | -- | 1983 |
| 08082180 | North Croton Cr nr Knox City, TX | 33°22'59" | 100°04'51" | Stonewall | 251 | -- | 21 | 21 | 0 | 1966 | -- | 1986 |
| 08082500 | Brazos R at Seymour, TX | 33°34'51" | 99°16'02" | Baylor | 5,970 | -- | 76 | 49 | 27 | 1925 | 1974 | 2000 |
| 08082700 | Millers Cr nr Munday, TX | 33°19'45" | 99°27'53" | Throckmorton | 104 | -- | 37 | 37 | 0 | 1964 | -- | 2000 |
| 08083000 | Brazos R nr Graham, TX | 33°04'55" | 98°43'36" | Young | 7,260 | -- | 2 | 2 | 0 | 1918 | -- | 1919 |
| 08083100 | Clear Fk Brazos R nr Roby, TX | 32°47'15" | 100°23'18" | Fisher | 228 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08083240 | Clear Fk Brazos R at Hawley, TX | 32°35'53" | 99°48'53" | Jones | 1,420 | -- | 22 | 22 | 0 | 1968 | -- | 1989 |
| 08083245 | Mulberry Cr nr Hawley, TX | 32°34'04" | 99°47'32" | Jones | 205 | -- | 21 | 21 | 0 | 1969 | -- | 1989 |
| 08083300 | Elm Cr nr Abilene, TX | 32°21'08" | 99°48'27" | Taylor | 133 | -- | 16 | 0 | 16 | -- | 1964 | 1979 |
| 08083400 | Little Elm Cr nr Abilene, TX | 32°23'29" | 99°51'08" | Taylor | 39.1 | -- | 16 | 16 | 0 | 1964 | -- | 1979 |
| 08083420 | Cat Claw Cr at Abilene, TX | 32°28'31" | 99°44'56" | Taylor | 13.0 | -- | 9 | 9 | 0 | 1971 | -- | 1979 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|---------------------------------|---|-----------|-----------|-------------|---|--------------------------|------------------------------|------------------|-----------------------------|---------------------------------|----------------------|------------------------|
| | | | | | | | Total | Unregu- lated | Regu- lated ³ | First unregu- lated | First regu- lated | Last year ⁴ |
| Brazos R Basin—Continued | | | | | | | | | | | | |
| 08083430 | Elm Cr at Abilene, TX | 32°30'29" | 99°44'27" | Taylor | 422 | -- | 4 | 0 | 4 | -- | 1980 | 1983 |
| 08083470 | Cedar Cr at Abilene, TX | 32°26'56" | 99°43'13" | Taylor | 119 | -- | 14 | 0 | 14 | -- | 1971 | 1984 |
| 08084000 | Clear Fk Brazos R at Nugent, TX | 32°41'24" | 99°40'09" | Jones | 2,200 | -- | 76 | 15 | 61 | 1925 | 1940 | 2000 |
| 08084800 | California Cr nr Stamford, TX | 32°55'51" | 99°38'32" | Jones | 478 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08085000 | Paint Cr nr Haskell, TX | 33°04'39" | 99°32'36" | Haskell | 914 | -- | 1 | 1 | 0 | 1951 | -- | 1951 |
| 08085500 | Clear Fk Brazos R at Fort Griffin, TX | 32°56'04" | 99°13'27" | Shackelford | 3,990 | -- | 76 | 15 | 61 | 1925 | 1940 | 2000 |
| 08086000 | Clear Fk Brazos R at Crystal Falls, TX | 32°54'00" | 98°50'00" | Stephens | 4,320 | -- | 4 | 4 | 0 | 1924 | -- | 1928 |
| 08086015 | Hubbard Cr nr Sedwick, TX | 32°36'06" | 99°14'20" | Shackelford | 128 | -- | 3 | 3 | 0 | 1964 | -- | 1966 |
| 08086050 | Deep Cr at Moran, TX | 32°33'33" | 99°10'11" | Shackelford | 228 | -- | 13 | 13 | 0 | 1963 | -- | 1975 |
| 08086100 | Hubbard Cr nr Albany, TX | 32°41'21" | 99°09'52" | Shackelford | 454 | -- | 13 | 13 | 0 | 1963 | -- | 1975 |
| 08086120 | Salt Prong Hubbard Cr at US 380 nr Albany, TX | 32°41'01" | 99°16'05" | Shackelford | 65.2 | -- | 5 | 0 | 5 | -- | 1964 | 1968 |
| 08086150 | North Fk Hubbard Cr nr Albany, TX | 32°42'27" | 99°16'29" | Shackelford | 39.3 | -- | 27 | 27 | 0 | 1964 | -- | 1990 |
| 08086200 | Salt Prong Hubbard Cr nr Albany, TX | 32°42'02" | 99°12'42" | Shackelford | 115 | -- | 1 | 1 | 0 | 1963 | -- | 1963 |
| 08086210 | Snailum Cr nr Albany, TX | 32°43'15" | 99°10'30" | Shackelford | 22.9 | -- | 3 | 3 | 0 | 1964 | -- | 1966 |
| 08086212 | Hubbard Cr below Albany, TX | 32°43'58" | 99°08'25" | Shackelford | 613 | -- | 34 | 34 | 0 | 1967 | -- | 2000 |
| 08086235 | Battle Cr nr Moran, TX | 32°33'10" | 99°06'32" | Shackelford | 108 | -- | 2 | 2 | 0 | 1967 | -- | 1968 |
| 08086260 | Pecan Cr nr Eolian, TX | 32°35'01" | 99°01'57" | Stephens | 26.4 | -- | 9 | 9 | 0 | 1967 | -- | 1975 |
| 08086290 | Big Sandy Cr above Breckenridge, TX | 32°38'54" | 99°00'15" | Stephens | 280 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08086500 | Hubbard Cr nr Breckenridge, TX | 32°50'13" | 98°56'52" | Stephens | 1,090 | -- | 31 | 7 | 24 | 1956 | 1963 | 1986 |
| 08087300 | Clear Fk Brazos R at Eliasville, TX | 32°57'36" | 98°45'59" | Young | 5,700 | -- | 47 | 26 | 21 | 1917 | 1962 | 1982 |
| 08088000 | Brazos R nr South Bend, TX | 33°01'27" | 98°38'37" | Young | 13,100 | -- | 62 | 23 | 39 | 1939 | 1962 | 2000 |
| 08088100 | Salt Cr at Olney, TX | 33°22'13" | 98°44'40" | Young | 11.8 | -- | 19 | 19 | 0 | 1959 | -- | 1977 |
| 08088200 | Salt Cr nr Newcastle, TX | 33°13'00" | 98°38'55" | Young | 120 | -- | 2 | 2 | 0 | 1959 | -- | 1960 |
| 08088300 | Briar Cr nr Graham, TX | 33°12'43" | 98°37'06" | Young | 24.2 | -- | 31 | 31 | 0 | 1959 | -- | 1989 |
| 08088450 | Big Cedar Cr nr Ivan, TX | 32°49'39" | 98°43'25" | Stephens | 97.0 | -- | 24 | 24 | 0 | 1966 | -- | 1989 |
| 08088610 | Brazos R nr Graford, TX | 32°51'29" | 98°24'41" | Palo Pinto | 14,000 | -- | 11 | 0 | 11 | -- | 1990 | 2000 |
| 08089000 | Brazos R nr Palo Pinto, TX | 32°51'45" | 98°18'08" | Palo Pinto | 14,200 | -- | 76 | 16 | 60 | 1925 | 1941 | 2000 |
| 08090500 | Palo Pinto Cr nr Santo, TX | 32°37'51" | 98°10'50" | Palo Pinto | 573 | -- | 26 | 13 | 13 | 1925 | 1964 | 1976 |
| 08090800 | Brazos R nr Dennis, TX | 32°36'56" | 97°55'32" | Parker | 15,700 | -- | 32 | 0 | 32 | -- | 1969 | 2000 |
| 08091000 | Brazos R nr Glen Rose, TX | 32°16'18" | 97°39'48" | Somervell | 16,300 | -- | 77 | 17 | 60 | 1924 | 1941 | 2000 |
| 08091500 | Paluxy R at Glen Rose, TX | 32°13'53" | 97°46'37" | Somervell | 410 | -- | 54 | 35 | 19 | 1925 | 1982 | 2000 |
| 08091750 | Squaw Cr nr Glen Rose, TX | 32°16'12" | 97°43'56" | Somervell | 70.3 | -- | 27 | 5 | 22 | 1974 | 1978 | 2000 |
| 08092000 | Nolan R at Blum, TX | 32°09'02" | 97°24'09" | Hill | 282 | -- | 39 | 17 | 22 | 1925 | 1965 | 1986 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|---------------------------------|------------------------------------|-----------|-----------|----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Brazos R Basin—Continued | | | | | | | | | | | | |
| 08093100 | Brazos R nr Aquilla, TX | 31°48'44" | 97°17'51" | Bosque | 17,700 | -- | 62 | 2 | 60 | 1939 | 1941 | 2000 |
| 08093250 | Hackberry Cr at Hillsboro, TX | 32°00'20" | 97°08'59" | Hill | 57.9 | -- | 13 | 13 | 0 | 1980 | -- | 1992 |
| 08093360 | Aquilla Cr above Aquilla, TX | 31°53'42" | 97°12'21" | Hill | 255 | -- | 2 | 0 | 2 | -- | 1980 | 1981 |
| 08093400 | Cobb Cr nr Abbott, TX | 31°55'11" | 97°05'57" | Hill | 12.4 | Yes | 12 | 12 | 0 | 1968 | -- | 1979 |
| 08093500 | Aquilla Cr nr Aquilla, TX | 31°50'40" | 97°12'04" | Hill | 308 | -- | 61 | 43 | 18 | 1940 | 1983 | 2000 |
| 08093700 | North Bosque R at Stephenville, TX | 32°12'56" | 98°11'55" | Erath | 95.9 | -- | 21 | 7 | 14 | 1959 | 1966 | 1979 |
| 08094500 | Green Cr nr Alexander, TX | 32°04'26" | 98°13'46" | Erath | 45.4 | -- | 15 | 0 | 15 | -- | 1959 | 1973 |
| 08094800 | North Bosque R at Hico, TX | 31°58'41" | 98°02'04" | Hamilton | 359 | -- | 38 | 0 | 38 | -- | 1963 | 2000 |
| 08095000 | North Bosque R nr Clifton, TX | 31°47'09" | 97°34'04" | Bosque | 968 | -- | 77 | 44 | 33 | 1924 | 1968 | 2000 |
| 08095200 | North Bosque R at Valley Mills, TX | 31°40'10" | 97°28'09" | Bosque | 1,150 | -- | 41 | 8 | 33 | 1960 | 1968 | 2000 |
| 08095300 | Middle Bosque R nr McGregor, TX | 31°30'33" | 97°21'56" | McLennan | 182 | -- | 26 | 26 | 0 | 1960 | -- | 1985 |
| 08095400 | Hog Cr nr Crawford, TX | 31°33'20" | 97°21'22" | McLennan | 78.2 | -- | 26 | 20 | 6 | 1960 | 1980 | 1985 |
| 08095500 | South Bosque R nr Speegleville, TX | 31°31'00" | 97°15'00" | McLennan | 386 | -- | 5 | 5 | 0 | 1925 | -- | 1929 |
| 08095600 | Bosque R nr Waco, TX | 31°36'04" | 97°11'36" | McLennan | 1,660 | -- | 22 | 6 | 16 | 1960 | 1966 | 1981 |
| 08096500 | Brazos R at Waco, TX | 31°32'09" | 97°04'23" | McLennan | 20,000 | -- | 102 | 42 | 60 | 1899 | 1941 | 2000 |
| 08097000 | Cow Bayou at Mooreville, TX | 31°18'45" | 97°08'16" | Falls | 83.5 | -- | 17 | 0 | 17 | -- | 1959 | 1975 |
| 08097500 | Brazos R nr Marlin, TX | 31°17'18" | 96°58'10" | Falls | 20,600 | -- | 13 | 2 | 11 | 1939 | 1941 | 1951 |
| 08098000 | Deer Cr at Chilton, TX | 31°15'58" | 97°03'30" | Falls | 84.5 | -- | 2 | 2 | 0 | 1935 | -- | 1936 |
| 08098290 | Brazos R nr Highbank, TX | 31°08'02" | 96°49'29" | Falls | 20,900 | -- | 35 | 0 | 35 | -- | 1966 | 2000 |
| 08098300 | Little Pond Cr nr Burlington, TX | 31°01'35" | 96°59'17" | Milam | 22.2 | -- | 20 | 20 | 0 | 1963 | -- | 1982 |
| 08099100 | Leon R nr De Leon, TX | 32°10'25" | 98°31'58" | Comanche | 479 | -- | 26 | 0 | 26 | -- | 1961 | 1986 |
| 08099300 | Sabana R nr De Leon, TX | 32°06'50" | 98°36'19" | Comanche | 264 | -- | 26 | 19 | 7 | 1961 | 1980 | 1986 |
| 08099500 | Leon R nr Hasse, TX | 31°57'28" | 98°27'32" | Comanche | 1,260 | -- | 52 | 14 | 38 | 1940 | 1954 | 1991 |
| 08100000 | Leon R nr Hamilton, TX | 31°47'19" | 98°07'16" | Hamilton | 1,890 | -- | 46 | 7 | 39 | 1926 | 1962 | 2000 |
| 08100500 | Leon R at Gatesville, TX | 31°25'58" | 97°45'42" | Coryell | 2,340 | -- | 50 | 13 | 37 | 1951 | 1964 | 2000 |
| 08101000 | Cowhouse Cr at Pidcoke, TX | 31°17'05" | 97°53'05" | Coryell | 455 | -- | 50 | 50 | 0 | 1951 | -- | 2000 |
| 08101500 | Cowhouse Cr nr Killeen, TX | 31°12'21" | 97°42'55" | Coryell | 667 | -- | 2 | 2 | 0 | 1940 | -- | 1941 |
| 08102500 | Leon R nr Belton, TX | 31°04'12" | 97°26'28" | Bell | 3,540 | -- | 77 | 31 | 46 | 1924 | 1955 | 2000 |
| 08102600 | Nolan Cr at Belton, TX | 31°03'06" | 97°27'25" | Bell | 112 | -- | 8 | 0 | 8 | -- | 1975 | 1982 |
| 08103800 | Lampasas R nr Kempner, TX | 31°04'54" | 98°00'59" | Lampasas | 818 | -- | 38 | 11 | 27 | 1963 | 1974 | 2000 |
| 08103900 | South Fk Rocky Cr nr Briggs, TX | 30°54'41" | 98°02'12" | Burnet | 33.3 | -- | 37 | 37 | 0 | 1964 | -- | 2000 |
| 08104000 | Lampasas R at Youngsport, TX | 30°57'26" | 97°42'30" | Bell | 1,240 | -- | 56 | 49 | 7 | 1925 | 1974 | 1980 |
| 08104100 | Lampasas R nr Belton, TX | 31°00'06" | 97°29'32" | Bell | 1,320 | -- | 26 | 3 | 23 | 1964 | 1967 | 1989 |
| 08104500 | Little R nr Little River, TX | 30°57'59" | 97°20'45" | Bell | 5,230 | -- | 43 | 5 | 38 | 1924 | 1963 | 2000 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|---------------------------------|---|-----------|-----------|------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Brazos R Basin—Continued | | | | | | | | | | | | |
| 08104700 | North Fk San Gabriel R nr Georgetown, TX | 30°39'42" | 97°42'40" | Williamson | 248 | -- | 32 | 11 | 21 | 1969 | 1980 | 2000 |
| 08104900 | South Fk San Gabriel R at Georgetown, TX | 30°37'32" | 97°41'27" | Williamson | 133 | -- | 32 | 32 | 0 | 1969 | -- | 2000 |
| 08105000 | San Gabriel R at Georgetown, TX | 30°39'14" | 97°39'18" | Williamson | 405 | -- | 39 | 39 | 0 | 1935 | -- | 1973 |
| 08105100 | Berry Cr nr Georgetown, TX | 30°41'28" | 97°39'21" | Williamson | 83.1 | -- | 33 | 33 | 0 | 1968 | -- | 2000 |
| 08105300 | San Gabriel R nr Weir, TX | 30°38'45" | 97°35'06" | Williamson | 563 | -- | 13 | 2 | 11 | 1978 | 1980 | 1990 |
| 08105400 | San Gabriel R nr Circleville, TX | 30°37'43" | 97°28'23" | Williamson | 599 | -- | 19 | 19 | 0 | 1925 | -- | 1976 |
| 08105700 | San Gabriel R at Laneport, TX | 30°41'39" | 97°16'43" | Williamson | 738 | -- | 34 | 14 | 21 | 1966 | 1980 | 2000 |
| 08106300 | Brushy Cr nr Rockdale, TX | 30°41'38" | 97°04'42" | Milam | 505 | -- | 13 | 0 | 13 | -- | 1968 | 1980 |
| 08106310 | San Gabriel R nr Rockdale, TX | 30°43'39" | 97°02'19" | Milam | 1,360 | -- | 12 | 0 | 12 | -- | 1981 | 1992 |
| 08106500 | Little R at Cameron, TX | 30°50'06" | 96°56'47" | Milam | 7,070 | -- | 83 | 36 | 47 | 1918 | 1954 | 2000 |
| 08107000 | Big Elm Cr nr Temple, TX | 31°02'58" | 97°14'08" | Bell | 74.7 | -- | 1 | 1 | 0 | 1935 | -- | 1935 |
| 08107500 | Big Elm Cr nr Buckholts, TX | 30°56'50" | 97°06'14" | Milam | 171 | -- | 2 | 2 | 0 | 1935 | -- | 1936 |
| 08108000 | North Elm Cr nr Ben Arnold, TX | 30°57'00" | 97°03'00" | Milam | 32.2 | -- | 2 | 2 | 0 | 1935 | -- | 1936 |
| 08108200 | North Elm Cr nr Cameron, TX | 30°55'52" | 97°01'13" | Milam | 44.8 | -- | 11 | 11 | 0 | 1963 | -- | 1973 |
| 08108700 | Brazos R at SH 21 nr Bryan, TX | 30°37'36" | 96°32'38" | Brazos | 29,500 | -- | 7 | 0 | 7 | -- | 1994 | 2000 |
| 08109000 | Brazos R nr Bryan, TX | 30°36'50" | 96°29'11" | Brazos | 29,900 | -- | 76 | 25 | 53 | 1900 | 1941 | 1992 |
| 08109700 | Middle Yegua Cr nr Dime Box, TX | 30°20'21" | 96°54'16" | Lee | 236 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08109800 | East Yegua Cr nr Dime Box, TX | 30°24'26" | 96°49'02" | Burleson | 244 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08110000 | Yegua Cr nr Somerville, TX | 30°19'18" | 96°30'26" | Burleson | 1,010 | -- | 67 | 42 | 25 | 1925 | 1967 | 1991 |
| 08110100 | Davidson Cr nr Lyons, TX | 30°25'10" | 96°32'24" | Burleson | 195 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08110200 | Brazos R at Washington, TX | 30°21'40" | 96°09'18" | Washington | 31,600 | -- | 28 | 0 | 28 | -- | 1967 | 1994 |
| 08110325 | Navasota R above Groesbeck, TX | 31°34'27" | 96°31'14" | Limestone | 239 | -- | 22 | 0 | 22 | -- | 1979 | 2000 |
| 08110400 | Navasota R nr Groesbeck, TX | 31°30'44" | 96°27'01" | Limestone | 311 | -- | 13 | 0 | 13 | -- | 1966 | 1978 |
| 08110430 | Big Cr nr Freestone, TX | 31°30'24" | 96°19'28" | Limestone | 97.2 | -- | 22 | 22 | 0 | 1979 | -- | 2000 |
| 08110500 | Navasota R nr Easterly, TX | 31°10'12" | 96°17'51" | Robertson | 968 | -- | 76 | 37 | 39 | 1925 | 1962 | 2000 |
| 08110800 | Navasota R at Old Spanish Rd nr Bryan, TX | 30°58'25" | 96°14'29" | Robertson | 1,287 | -- | 3 | 0 | 3 | -- | 1998 | 2000 |
| 08111000 | Navasota R nr Bryan, TX | 30°52'10" | 96°11'32" | Brazos | 1,450 | -- | 46 | 10 | 36 | 1952 | 1962 | 1997 |
| 08111010 | Navasota R nr College Station, TX | 30°36'26" | 96°10'53" | Grimes | 1,810 | -- | 8 | 0 | 8 | -- | 1978 | 1985 |
| 08111025 | Burton Cr at Villa Maria Rd, Bryan, TX | 30°38'47" | 96°20'58" | Brazos | 1.33 | -- | 2 | 2 | 0 | 1969 | -- | 1970 |
| 08111050 | Hudson Cr nr Bryan, TX | 30°39'37" | 96°17'58" | Brazos | 1.94 | -- | 2 | 2 | 0 | 1969 | -- | 1970 |
| 08111500 | Brazos R nr Hempstead, TX | 30°07'44" | 96°11'15" | Washington | 34,300 | -- | 62 | 2 | 60 | 1939 | 1941 | 2000 |
| 08111700 | Mill Cr nr Bellville, TX | 29°52'51" | 96°12'18" | Austin | 376 | -- | 30 | 30 | 0 | 1964 | -- | 1993 |
| 08114000 | Brazos R at Richmond, TX | 29°34'56" | 95°45'27" | Fort Bend | 35,400 | -- | 80 | 20 | 60 | 1904 | 1941 | 2000 |
| 08114500 | Brazos R nr Juliff, TX | 29°27'19" | 95°31'58" | Fort Bend | 35,500 | -- | 20 | 0 | 20 | -- | 1950 | 1969 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|--|--------------------------------------|-----------|------------|-----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Brazos R Basin—Continued | | | | | | | | | | | | |
| 08115000 | Big Cr nr Needville, TX | 29°28'35" | 95°48'45" | Fort Bend | 42.8 | -- | 50 | 50 | 0 | 1948 | -- | 2000 |
| 08115500 | Fairchild Cr nr Needville, TX | 29°26'45" | 95°45'41" | Fort Bend | 26.2 | -- | 7 | 7 | 0 | 1948 | -- | 1954 |
| 08116000 | Big Cr nr Guy, TX | 29°24'45" | 95°42'36" | Fort Bend | 116 | -- | 2 | 2 | 0 | 1948 | -- | 1949 |
| 08116400 | Dry Cr nr Rosenberg, TX | 29°30'42" | 95°44'48" | Fort Bend | 8.65 | -- | 21 | 21 | 0 | 1959 | -- | 1979 |
| 08116500 | Dry Cr nr Richmond, TX | 29°30'19" | 95°42'41" | Fort Bend | 12.2 | -- | 3 | 3 | 0 | 1948 | -- | 1957 |
| 08116650 | Brazos R nr Rosharon, TX | 29°20'58" | 95°34'56" | Fort Bend | 35,800 | -- | 29 | 0 | 29 | -- | 1968 | 2000 |
| San Bernard R Basin (Coastal Basin) | | | | | | | | | | | | |
| 08117500 | San Bernard R nr Boling, TX | 29°18'48" | 95°53'37" | Fort Bend | 727 | -- | 46 | 46 | 0 | 1955 | -- | 2000 |
| Big Boggy Cr Basin (Coastal Basin) | | | | | | | | | | | | |
| 08117900 | Big Boggy Cr nr Wadsworth, TX | 28°48'26" | 95°57'02" | Matagorda | 10.3 | -- | 7 | 7 | 0 | 1971 | -- | 1977 |
| Colorado R Basin | | | | | | | | | | | | |
| 08117995 | Colorado R nr Gail, TX | 32°37'43" | 101°17'06" | Borden | 498 | -- | 12 | 12 | 0 | 1989 | -- | 2000 |
| 08118500 | Bull Cr nr Ira, TX | 32°36'00" | 101°05'38" | Scurry | 26.3 | -- | 10 | 6 | 4 | 1948 | 1959 | 1962 |
| 08119000 | Bluff Cr nr Ira, TX | 32°35'29" | 101°03'02" | Scurry | 42.6 | -- | 18 | 18 | 0 | 1948 | -- | 1965 |
| 08119500 | Colorado R nr Ira, TX | 32°32'18" | 101°03'12" | Scurry | 1,110 | -- | 36 | 5 | 31 | 1948 | 1959 | 1989 |
| 08120500 | Deep Cr nr Dunn, TX | 32°34'25" | 100°54'27" | Scurry | 188 | -- | 33 | 33 | 0 | 1954 | -- | 1986 |
| 08120700 | Colorado R nr Cuthbert, TX | 32°28'38" | 100°56'58" | Mitchell | 1,530 | -- | 35 | 0 | 35 | -- | 1966 | 2000 |
| 08121000 | Colorado R at Colorado City, TX | 32°23'33" | 100°52'42" | Mitchell | 1,590 | -- | 54 | 5 | 49 | 1924 | 1952 | 2000 |
| 08121500 | Morgan Cr nr Westbrook, TX | 32°23'42" | 101°01'32" | Mitchell | 230 | -- | 9 | 9 | 0 | 1955 | -- | 1963 |
| 08122000 | Graze Cr nr Westbrook, TX | 32°35'03" | 101°01'10" | Mitchell | 21.7 | -- | 5 | 5 | 0 | 1955 | -- | 1959 |
| 08122500 | Morgan Cr nr Colorado City, TX | 32°23'17" | 100°56'59" | Mitchell | 270 | -- | 1 | 1 | 0 | 1948 | -- | 1948 |
| 08123500 | Champion Cr nr Colorado City, TX | 32°19'01" | 100°49'28" | Mitchell | 177 | -- | 12 | 12 | 0 | 1948 | -- | 1959 |
| 08123650 | Beals Cr above Big Spring, TX | 32°15'01" | 101°29'26" | Howard | 1,510 | -- | 20 | 0 | 20 | -- | 1960 | 1979 |
| 08123700 | Beals Cr at Big Spring, TX | 32°15'45" | 101°26'30" | Howard | 1,530 | -- | 1 | 0 | 1 | -- | 1958 | 1958 |
| 08123720 | Beals Cr nr Coahoma, TX | 32°14'56" | 101°21'42" | Howard | 1,570 | -- | 4 | 0 | 4 | -- | 1984 | 1987 |
| 08123800 | Beals Cr nr Westbrook, TX | 32°11'57" | 101°00'49" | Mitchell | 1,990 | -- | 42 | 0 | 42 | 1959 | -- | 2000 |
| 08123850 | Colorado R above Silver, TX | 32°03'13" | 100°45'42" | Coke | 4,650 | -- | 33 | 0 | 33 | -- | 1968 | 2000 |
| 08123900 | Colorado R nr Silver, TX | 32°01'10" | 100°44'08" | Coke | 4,740 | -- | 14 | 0 | 14 | -- | 1957 | 1970 |
| 08124000 | Colorado R at Robert Lee, TX | 31°53'07" | 100°28'49" | Coke | 5,050 | -- | 51 | 17 | 34 | 1925 | 1953 | 2000 |
| 08126380 | Colorado R nr Ballinger, TX | 31°42'55" | 100°01'34" | Runnels | 6,110 | -- | 93 | 61 | 32 | 1908 | 1969 | 2000 |
| 08127000 | Elm Cr at Ballinger, TX | 31°44'57" | 99°56'51" | Runnels | 450 | -- | 68 | 49 | 19 | 1933 | 1982 | 2000 |
| 08128000 | South Concho R at Christoval, TX | 31°11'13" | 100°30'06" | Tom Green | 354 | -- | 65 | 65 | 0 | 1931 | -- | 1995 |
| 08128400 | Middle Concho R above Tankersley, TX | 31°25'38" | 100°42'39" | Irion | 1,610 | -- | 34 | 34 | 0 | 1962 | -- | 1995 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|-----------------------------------|-------------------------------------|-----------|------------|-----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Colorado R Basin—Continued | | | | | | | | | | | | |
| 08128500 | Middle Concho R nr Tankersley, TX | 31°22'35" | 100°36'50" | Tom Green | 1,690 | -- | 30 | 30 | 0 | 1931 | -- | 1960 |
| 08129300 | Spring Cr above Tankersley, TX | 31°19'48" | 100°38'24" | Tom Green | 405 | -- | 35 | 35 | 0 | 1961 | -- | 1995 |
| 08129500 | Dove Cr Spring nr Knickerbocker, TX | 31°11'06" | 100°43'51" | Irion | -- | -- | 15 | 15 | 0 | 1958 | -- | -- |
| 08130500 | Dove Cr at Knickerbocker, TX | 31°16'26" | 100°37'50" | Tom Green | 198 | -- | 35 | 35 | 0 | 1961 | -- | 1995 |
| 08131000 | Spring Cr nr Tankersley, TX | 31°21'30" | 100°32'05" | Tom Green | 671 | -- | 30 | 30 | 0 | 1931 | -- | 1960 |
| 08131400 | Pecan Cr nr San Angelo, TX | 31°18'32" | 100°26'44" | Tom Green | 81.1 | -- | 25 | 25 | 0 | 1962 | -- | 1986 |
| 08132500 | South Concho R at San Angelo, TX | 31°26'45" | 100°25'30" | Tom Green | 2,690 | -- | 22 | 0 | 22 | -- | 1932 | 1953 |
| 08133500 | North Concho R at Sterling City, TX | 31°49'48" | 100°59'36" | Sterling | 568 | -- | 46 | 46 | 0 | 1940 | -- | 1985 |
| 08134000 | North Concho R nr Carlsbad, TX | 31°35'33" | 100°38'12" | Tom Green | 1,190 | -- | 76 | 76 | 0 | 1925 | -- | 2000 |
| 08135000 | North Concho R at San Angelo, TX | 31°27'57" | 100°26'51" | Tom Green | 1,450 | -- | 55 | 16 | 39 | 1917 | 1952 | 1990 |
| 08136000 | Concho R at San Angelo, TX | 31°27'16" | 100°24'37" | Tom Green | 4,410 | -- | 85 | 15 | 70 | 1916 | 1931 | 2000 |
| 08136500 | Concho R at Painted Rock, TX | 31°30'57" | 99°55'09" | Concho | 5,440 | -- | 85 | 15 | 70 | 1916 | 1931 | 2000 |
| 08136700 | Colorado R nr Stacy, TX | 31°29'37" | 99°34'25" | McCulloch | 12,800 | -- | 32 | 0 | 32 | -- | 1969 | 2000 |
| 08137500 | Mukewater Cr at Trickham, TX | 31°35'24" | 99°13'36" | Coleman | 70.0 | -- | 22 | 9 | 13 | 1952 | 1961 | 1973 |
| 08138000 | Colorado R at Winchell, TX | 31°28'04" | 99°09'43" | Brown | 13,800 | -- | 67 | 22 | 45 | 1925 | 1952 | 2000 |
| 08139500 | Deep Cr nr Mercury, TX | 31°24'08" | 99°07'17" | McCulloch | 43.9 | -- | 20 | 0 | 20 | -- | 1954 | 1973 |
| 08140500 | Dry Prong Deep Cr nr Mercury, TX | 31°24'09" | 99°08'13" | McCulloch | 8.31 | -- | 20 | 0 | 20 | -- | 1952 | 1971 |
| 08140700 | Pecan Bayou nr Cross Cut, TX | 31°58'21" | 99°07'48" | Brown | 532 | -- | 10 | 0 | 10 | -- | 1969 | 1978 |
| 08140800 | Jim Ned Cr nr Coleman, TX | 31°58'59" | 99°24'52" | Coleman | 333 | -- | 15 | 0 | 15 | -- | 1966 | 1980 |
| 08141500 | Hords Cr nr Valera, TX | 31°50'03" | 99°32'04" | Coleman | 54.2 | -- | 43 | 0 | 43 | -- | 1948 | 1990 |
| 08142000 | Hords Cr nr Coleman, TX | 31°50'50" | 99°25'25" | Coleman | 107 | -- | 30 | 7 | 23 | 1941 | 1948 | 1970 |
| 08143500 | Pecan Bayou at Brownwood, TX | 31°43'54" | 98°58'25" | Brown | 1,660 | -- | 58 | 6 | 52 | 1925 | 1932 | 1983 |
| 08143600 | Pecan Bayou nr Mullin, TX | 31°31'02" | 98°44'25" | Mills | 2,070 | -- | 33 | 0 | 33 | -- | 1968 | 2000 |
| 08144500 | San Saba R at Menard, TX | 30°55'08" | 99°47'07" | Menard | 1,130 | -- | 81 | 81 | 0 | 1916 | -- | 2000 |
| 08144600 | San Saba R nr Brady, TX | 31°00'14" | 99°16'07" | McCulloch | 1,630 | -- | 17 | 17 | 0 | 1980 | -- | 2000 |
| 08144800 | Brady Cr nr Eden, TX | 31°11'03" | 99°50'27" | Concho | 101 | -- | 23 | 0 | 23 | -- | 1963 | 1985 |
| 08145000 | Brady Cr at Brady, TX | 31°08'17" | 99°20'05" | McCulloch | 588 | -- | 47 | 15 | 32 | 1940 | 1955 | 1986 |
| 08146000 | San Saba R at San Saba, TX | 31°12'47" | 98°43'09" | San Saba | 3,040 | -- | 81 | 47 | 34 | 1916 | 1963 | 2000 |
| 08147000 | Colorado R nr San Saba, TX | 31°13'04" | 98°33'51" | San Saba | 19,800 | -- | 82 | 12 | 70 | 1917 | 1931 | 2000 |
| 08148500 | North Llano R nr Junction, TX | 30°31'06" | 99°48'39" | Kimble | 914 | -- | 62 | 62 | 0 | 1916 | -- | 1977 |
| 08150000 | Llano R nr Junction, TX | 30°30'15" | 99°44'03" | Kimble | 1,850 | -- | 80 | 80 | 0 | 1916 | -- | 2000 |
| 08150700 | Llano R nr Mason, TX | 30°39'38" | 99°06'32" | Mason | 3,240 | -- | 27 | 27 | 0 | 1969 | -- | 2000 |
| 08150800 | Beaver Cr nr Mason, TX | 30°38'36" | 99°05'44" | Mason | 215 | -- | 37 | 37 | 0 | 1964 | -- | 2000 |
| 08151000 | Llano R nr Castell, TX | 30°43'00" | 98°53'00" | Llano | 3,740 | -- | 15 | 15 | 0 | 1925 | -- | 1939 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|-----------------------------------|--|-----------|-----------|-----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Colorado R Basin—Continued | | | | | | | | | | | | |
| 08151500 | Llano R at Llano, TX | 30°45'04" | 98°40'10" | Llano | 4,190 | -- | 61 | 61 | 0 | 1940 | -- | 2000 |
| 08152000 | Sandy Cr nr Kingsland, TX | 30°33'27" | 98°28'19" | Llano | 346 | -- | 29 | 29 | 0 | 1967 | -- | 2000 |
| 08152900 | Pedernales R nr Fredericksburg, TX | 30°13'13" | 98°52'10" | Gillespie | 369 | -- | 16 | 16 | 0 | 1980 | -- | 2000 |
| 08153000 | Pedernales R at Stonewall, TX | 30°15'00" | 98°40'00" | Gillespie | 647 | -- | 10 | 10 | 0 | 1925 | -- | 1934 |
| 08153500 | Pedernales R nr Johnson City, TX | 30°17'30" | 98°23'57" | Blanco | 901 | -- | 61 | 61 | 0 | 1940 | -- | 2000 |
| 08154000 | Pedernales R nr Spicewood, TX | 30°25'15" | 98°04'50" | Travis | 1,290 | -- | 14 | 14 | 0 | 1925 | -- | 1938 |
| 08154510 | Colorado R below Mansfield Dam, Austin, TX | 30°23'30" | 97°54'28" | Travis | 27,400 | -- | 16 | 0 | 16 | -- | 1975 | 1990 |
| 08154700 | Bull Cr at Loop 360 nr Austin, TX | 30°22'19" | 97°47'04" | Travis | 22.3 | -- | 22 | 22 | 0 | 1979 | -- | 2000 |
| 08155200 | Barton Cr at SH 71 nr Oak Hill, TX | 30°17'46" | 97°55'31" | Travis | 89.7 | -- | 15 | 15 | 0 | 1979 | -- | 2000 |
| 08155240 | Barton Cr at Lost Cr Blvd nr Austin, TX | 30°16'26" | 97°50'40" | Travis | 107 | -- | 11 | 11 | 0 | 1990 | -- | 2000 |
| 08155260 | Barton Cr nr Camp Craft Rd nr Austin, TX | 30°16'12" | 97°49'43" | Travis | 109 | -- | 6 | 6 | 0 | 1983 | -- | 1988 |
| 08155300 | Barton Cr at Loop 360, Austin, TX | 30°14'40" | 97°48'07" | Travis | 116 | -- | 23 | 23 | 0 | 1978 | -- | 2000 |
| 08155500 | Barton Springs at Austin, TX | 30°15'48" | 97°46'16" | Travis | -- | Yes | 23 | 23 | 0 | 1979 | -- | 2000 |
| 08156700 | Shoal Cr at Northwest Park at Austin, TX | 30°20'50" | 97°44'41" | Travis | 6.52 | Yes | 9 | 9 | 0 | 1976 | -- | 1984 |
| 08156800 | Shoal Cr at West 12th St, Austin, TX | 30°16'35" | 97°45'00" | Travis | 12.3 | Yes | 16 | 16 | 0 | 1985 | -- | 2000 |
| 08157000 | Waller Cr at 38th St, Austin, TX | 30°17'49" | 97°43'36" | Travis | 2.31 | Yes | 25 | 25 | 0 | 1956 | -- | 1980 |
| 08157500 | Waller Cr at 23d St, Austin, TX | 30°17'08" | 97°44'01" | Travis | 4.13 | Yes | 25 | 25 | 0 | 1956 | -- | 1980 |
| 08158000 | Colorado R at Austin, TX | 30°14'40" | 97°41'39" | Travis | 27,600 | -- | 102 | 38 | 64 | 1899 | 1937 | 2000 |
| 08158050 | Boggy Cr at US 183, Austin, TX | 30°15'47" | 97°40'20" | Travis | 13.1 | Yes | 15 | 15 | 0 | 1978 | -- | 2000 |
| 08158600 | Walnut Cr at Webberville Rd, Austin, TX | 30°16'59" | 97°39'17" | Travis | 51.3 | Yes | 34 | 34 | 0 | 1967 | -- | 2000 |
| 08158700 | Onion Cr nr Driftwood, TX | 30°04'58" | 98°00'27" | Hays | 124 | -- | 21 | 21 | 0 | 1980 | -- | 2000 |
| 08158800 | Onion Cr at Buda, TX | 30°05'09" | 97°50'52" | Hays | 166 | -- | 7 | 7 | 0 | 1980 | -- | 1995 |
| 08158810 | Bear Cr below FM 1826 nr Driftwood, TX | 30°09'19" | 97°56'23" | Hays | 12.2 | -- | 21 | 21 | 0 | 1980 | -- | 2000 |
| 08158840 | Slaughter Cr at FM 1826 nr Austin, TX | 30°12'32" | 97°54'11" | Travis | 8.24 | -- | 22 | 22 | 0 | 1979 | -- | 2000 |
| 08158920 | Williamson Cr at Oak Hill, TX | 30°14'06" | 97°51'36" | Travis | 6.30 | Yes | 14 | 14 | 0 | 1979 | -- | 1992 |
| 08158922 | Williamson Cr at Brushy Country Blvd, Oak Hill, TX | 30°13'34" | 97°50'28" | Travis | 6.79 | -- | 7 | 7 | 0 | 1994 | -- | 2000 |
| 08158970 | Williamson Cr at Jimmy Clay Rd, Austin, TX | 30°11'21" | 97°43'56" | Travis | 27.6 | Yes | 11 | 11 | 0 | 1976 | -- | 1986 |
| 08159000 | Onion Cr at US 183, Austin, TX | 30°10'40" | 97°41'18" | Travis | 321 | Yes | 29 | 29 | 0 | 1925 | -- | 2000 |
| 08159150 | Wilbarger Cr nr Pflugerville, TX | 30°27'16" | 97°36'02" | Travis | 4.61 | -- | 17 | 17 | 0 | 1964 | -- | 1980 |
| 08159165 | Big Sandy Cr nr McDade, TX | 30°18'18" | 97°17'48" | Bastrop | 38.7 | -- | 6 | 6 | 0 | 1980 | -- | 1985 |
| 08159170 | Big Sandy Cr nr Elgin, TX | 30°15'54" | 97°19'39" | Bastrop | 63.8 | -- | 6 | 6 | 0 | 1980 | -- | 1985 |
| 08159200 | Colorado R at Bastrop, TX | 30°06'16" | 97°19'09" | Bastrop | 28,600 | -- | 40 | 0 | 40 | -- | 1961 | 2000 |
| 08159500 | Colorado R at Smithville, TX | 30°00'45" | 97°09'42" | Bastrop | 29,100 | -- | 48 | 6 | 42 | 1931 | 1937 | 2000 |
| 08160000 | Dry Cr at Buescher Lake nr Smithville, TX | 30°02'32" | 97°09'34" | Bastrop | 1.48 | -- | 27 | 27 | 0 | 1940 | -- | 1966 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|--|--|-----------|-----------|-----------|---|--------------------------|------------------------------|--------------|-------------------------|---------------------------------|------------------|------------------------|
| | | | | | | | Total | Unregu-lated | Regu-lated ³ | First unregu-lated | First regu-lated | Last year ⁴ |
| Colorado R Basin—Continued | | | | | | | | | | | | |
| 08160400 | Colorado R above La Grange, TX | 29°54'44" | 96°54'13" | Fayette | 29,500 | -- | 12 | 0 | 12 | -- | 1989 | 2000 |
| 08160500 | Colorado R at La Grange, TX | 29°53'45" | 96°52'15" | Fayette | 29,700 | -- | 16 | 0 | 16 | -- | 1940 | 1955 |
| 08160700 | Colorado R above Columbus, TX | 29°43'09" | 96°34'16" | Colorado | 29,900 | -- | 2 | 0 | 2 | -- | 1984 | 1985 |
| 08160800 | Redgate Cr nr Columbus, TX | 29°47'56" | 96°31'55" | Colorado | 17.3 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08161000 | Colorado R at Columbus, TX | 29°42'22" | 96°32'12" | Colorado | 30,200 | -- | 84 | 20 | 64 | 1917 | 1937 | 2000 |
| 08162000 | Colorado R at Wharton, TX | 29°18'32" | 96°06'13" | Wharton | 30,600 | -- | 62 | 0 | 62 | -- | 1939 | 2000 |
| 08162500 | Colorado R nr Bay City, TX | 28°58'26" | 96°00'44" | Matagorda | 30,800 | -- | 52 | 0 | 52 | -- | -- | 2000 |
| Tres Palacios R Basin (Coastal Basin) | | | | | | | | | | | | |
| 08162600 | Tres Palacios R nr Midfield, TX | 28°55'40" | 96°10'15" | Matagorda | 145 | -- | 30 | 30 | 0 | 1971 | -- | 2000 |
| Lavaca R Basin | | | | | | | | | | | | |
| 08163500 | Lavaca R at Hallettsville, TX | 29°26'35" | 96°56'41" | Lavaca | 108 | -- | 53 | 53 | 0 | 1940 | -- | 1992 |
| 08164000 | Lavaca R nr Edna, TX | 28°57'35" | 96°41'10" | Jackson | 817 | -- | 62 | 62 | 0 | 1939 | -- | 2000 |
| 08164300 | Navidad R nr Hallettsville, TX | 29°28'00" | 96°48'45" | Lavaca | 332 | -- | 39 | 39 | 0 | 1962 | -- | 2000 |
| 08164350 | Navidad R nr Speaks, TX | 29°19'18" | 96°42'32" | Lavaca | 437 | -- | 12 | 12 | 0 | 1982 | -- | 2000 |
| 08164370 | Navidad R at Morales, TX | 29°08'07" | 96°44'39" | Jackson | 549 | -- | 4 | 4 | 0 | 1997 | -- | 2000 |
| 08164390 | Navidad R at Strane Park nr Edna, TX | 29°03'55" | 96°40'26" | Jackson | 549 | -- | 4 | 4 | 0 | 1997 | -- | 2000 |
| 08164450 | Sandy Cr nr Ganado, TX | 29°09'36" | 96°32'46" | Jackson | 289 | -- | 23 | 23 | 0 | 1978 | -- | 2000 |
| 08164500 | Navidad R nr Ganado, TX | 29°01'32" | 96°33'08" | Jackson | 826 | -- | 40 | 40 | 0 | 1940 | -- | 1979 |
| 08164503 | West Mustang Cr nr Ganado, TX | 29°04'17" | 96°28'01" | Jackson | 178 | -- | 22 | 22 | 0 | 1978 | -- | 2000 |
| 08164504 | East Mustang Cr nr Louise, TX | 29°04'14" | 96°25'01" | Wharton | 90.8 | -- | 4 | 4 | 0 | 1997 | -- | 2000 |
| Garcitas Cr Basin (Coastal Basin) | | | | | | | | | | | | |
| 08164600 | Garcitas Cr nr Inez, TX | 28°53'28" | 96°49'08" | Victoria | 91.7 | -- | 30 | 30 | 0 | 1971 | -- | 2000 |
| Placedo Cr Basin (Coastal Basin) | | | | | | | | | | | | |
| 08164800 | Placedo Cr nr Placedo, TX | 28°43'30" | 96°46'07" | Victoria | 68.3 | -- | 30 | 30 | 0 | 1971 | -- | 2000 |
| Guadalupe R Basin | | | | | | | | | | | | |
| 08165300 | North Fk Guadalupe R nr Hunt, TX | 30°03'50" | 99°23'12" | Kerr | 168 | -- | 33 | 33 | 0 | 1968 | -- | 2000 |
| 08165500 | Guadalupe R at Hunt, TX | 30°04'11" | 99°19'17" | Kerr | 288 | -- | 35 | 35 | 0 | 1966 | -- | 2000 |
| 08166000 | Johnson Cr nr Ingram, TX | 30°06'00" | 99°16'58" | Kerr | 114 | -- | 50 | 50 | 0 | 1942 | -- | 1993 |
| 08166140 | Guadalupe R above Bear Cr at Kerrville, TX | 30°04'10" | 99°11'42" | Kerr | 494 | -- | 7 | 7 | 0 | 1979 | -- | 1985 |
| 08166200 | Guadalupe R at Kerrville, TX | 30°03'11" | 99°09'47" | Kerr | 510 | -- | 14 | 14 | 0 | 1987 | -- | 2000 |
| 08166500 | Guadalupe R nr Comfort, TX | 29°56'57" | 98°53'32" | Kerr | 762 | -- | 13 | 13 | 0 | 1920 | -- | 1932 |
| 08167000 | Guadalupe R at Comfort, TX | 29°58'10" | 98°53'33" | Kendall | 839 | -- | 61 | 61 | 0 | 1940 | -- | 2000 |
| 08167500 | Guadalupe R nr Spring Branch, TX | 29°51'37" | 98°23'00" | Comal | 1,320 | -- | 78 | 78 | 0 | 1923 | -- | 2000 |

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|------------------------------------|--|-----------|-----------|----------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Guadalupe R Basin—Continued | | | | | | | | | | | | |
| 08167600 | Rebecca Cr nr Spring Branch, TX | 29°55'06" | 98°22'10" | Comal | 10.9 | -- | 18 | 13 | 5 | 1961 | 1974 | 1978 |
| 08167800 | Guadalupe R at Sattler, TX | 29°51'32" | 98°10'47" | Comal | 1,440 | -- | 40 | 2 | 38 | 1961 | 1963 | 2000 |
| 08168500 | Guadalupe R above Comal R at New Braunfels, TX | 29°42'53" | 98°06'35" | Comal | 1,520 | -- | 72 | 34 | 38 | 1929 | 1963 | 2000 |
| 08168710 | Comal Springs at New Braunfels, TX | 29°42'21" | 98°07'20" | Comal | -- | -- | 72 | 72 | 0 | 1929 | -- | 2000 |
| 08169000 | Comal R at New Braunfels, TX | 29°42'21" | 98°07'20" | Comal | 130 | Yes | 72 | 45 | 27 | 1929 | 1974 | 2000 |
| 08169500 | Guadalupe R at New Braunfels, TX | 29°41'52" | 98°06'23" | Comal | 1,650 | -- | 13 | 13 | 0 | 1916 | -- | 2000 |
| 08170000 | San Marcos R springflow at San Marcos, TX | 29°53'20" | 97°56'02" | Hays | -- | Yes | 44 | 44 | 0 | 1957 | -- | 2000 |
| 08170500 | San Marcos R at San Marcos, TX | 29°53'20" | 97°56'02" | Hays | 47 | Yes | 6 | 6 | 0 | 1995 | -- | 2000 |
| 08171000 | Blanco R at Wimberley, TX | 29°59'39" | 98°05'19" | Hays | 355 | -- | 73 | 73 | 0 | 1925 | -- | 2000 |
| 08171300 | Blanco R nr Kyle, TX | 29°58'45" | 97°54'35" | Hays | 412 | -- | 44 | 44 | 0 | 1957 | -- | 2000 |
| 08172000 | San Marcos R at Luling, TX | 29°39'58" | 97°39'02" | Caldwell | 838 | -- | 61 | 44 | 17 | 1940 | 1984 | 2000 |
| 08172400 | Plum Cr at Lockhart, TX | 29°55'22" | 97°40'44" | Caldwell | 112 | -- | 41 | 4 | 37 | 1960 | 1964 | 2000 |
| 08172500 | Plum Cr nr Lockhart, TX | 29°49'17" | 97°35'02" | Caldwell | 184 | -- | 4 | 4 | 0 | 1926 | -- | 1929 |
| 08173000 | Plum Cr nr Luling, TX | 29°41'58" | 97°36'12" | Caldwell | 309 | -- | 63 | 33 | 30 | 1931 | 1964 | 1993 |
| 08173500 | San Marcos R at Ottine, TX | 29°35'36" | 97°35'22" | Gonzales | 1,250 | -- | 27 | 27 | 0 | 1916 | -- | 1942 |
| 08173900 | Guadalupe R at Gonzales, TX | 29°29'03" | 97°27'00" | Gonzales | 3,490 | -- | 4 | 4 | 0 | 1997 | -- | 2000 |
| 08174600 | Peach Cr below Dilworth, TX | 29°28'26" | 97°18'59" | Gonzales | 460 | -- | 20 | 20 | 0 | 1960 | -- | 1979 |
| 08175000 | Sandies Cr nr Westhoff, TX | 29°12'54" | 97°26'57" | De Witt | 549 | -- | 45 | 45 | 0 | 1931 | -- | 2000 |
| 08175800 | Guadalupe R at Cuero, TX | 29°03'57" | 97°19'16" | De Witt | 4,930 | -- | 36 | 0 | 36 | -- | 1965 | 2000 |
| 08176000 | Guadalupe R below Cuero, TX | 29°03'05" | 97°15'52" | De Witt | 4,920 | -- | 18 | 18 | 0 | 1906 | -- | 1935 |
| 08176500 | Guadalupe R at Victoria, TX | 28°47'34" | 97°00'46" | Victoria | 5,200 | -- | 65 | 26 | 39 | 1936 | 1962 | 2000 |
| 08176550 | Fifteenmile Cr nr Weser, TX | 28°53'51" | 97°21'17" | De Witt | 167 | -- | 5 | 5 | 0 | 1985 | -- | 1989 |
| 08176900 | Coleto Cr at Arnold Rd nr Schroeder, TX | 28°51'41" | 97°13'34" | Goliad | 357 | -- | 18 | 18 | 0 | 1979 | -- | 1996 |
| 08176990 | Coleto Cr Reservoir inflow nr Schroeder, TX | 28°50'21" | 97°11'20" | Victoria | 354 | -- | 13 | 0 | 13 | -- | 1981 | 1993 |
| 08177000 | Coleto Cr nr Schroeder, TX | 28°49'53" | 97°11'10" | Victoria | 369 | -- | 30 | 30 | 0 | 1931 | -- | 1979 |
| 08177300 | Perdido Cr at FM 622 nr Fannin, TX | 28°45'05" | 97°19'01" | Goliad | 28.0 | -- | 13 | 13 | 0 | 1979 | -- | 1991 |
| 08177500 | Coleto Cr nr Victoria, TX | 28°43'51" | 97°08'18" | Victoria | 514 | -- | 37 | 17 | 20 | 1940 | 1981 | 2000 |
| 08177520 | Guadalupe R nr Bloomington, TX | 28°39'42" | 96°57'54" | Victoria | 5,816 | -- | 1 | 0 | 1 | -- | 2000 | 2000 |
| San Antonio R Basin | | | | | | | | | | | | |
| 08177700 | Olmos Cr at Desden Dr, San Antonio, TX | 29°29'56" | 98°30'36" | Bexar | 21.2 | Yes | 13 | 13 | 0 | 1969 | -- | 1981 |
| 08178000 | San Antonio R at San Antonio, TX | 29°24'34" | 98°29'41" | Bexar | 41.8 | Yes | 71 | 9 | 62 | 1916 | 1926 | 2000 |
| 08178050 | San Antonio R at Mitchell St, San Antonio, | 29°23'34" | 98°29'40" | Bexar | 42.4 | Yes | 8 | 0 | 8 | -- | 1993 | 2000 |
| 08178500 | San Pedro Cr at Furnish St, San Antonio, TX | 29°24'22" | 98°30'38" | Bexar | 2.64 | -- | 12 | 12 | 0 | 1917 | -- | 1929 |
| 08178565 | San Antonio R at Loop 410 at San Antonio, TX | 29°19'19" | 98°27'00" | Bexar | -- | Yes | 14 | 0 | 14 | -- | 1987 | 2000 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|--|---|-----------|-----------|---------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| San Antonio R Basin—Continued | | | | | | | | | | | | |
| 08178585 | Salado Cr at Wilderness Rd at San Antonio, TX | 29°37'50" | 98°33'55" | Bexar | 23 | -- | 3 | 0 | 3 | -- | 1998 | 2000 |
| 08178700 | Salado Cr (Upper Station) at San Antonio, TX | 29°30'57" | 98°25'51" | Bexar | 137 | Yes | 40 | 12 | 28 | 1961 | 1973 | 2000 |
| 08178800 | Salado Cr (Lower Station) at San Antonio, TX | 29°21'25" | 98°24'45" | Bexar | 189 | Yes | 40 | 12 | 28 | 1961 | 1973 | 2000 |
| 08178880 | Medina R at Bandera, TX | 29°43'25" | 99°04'11" | Bandera | 427 | -- | 18 | 18 | 0 | 1983 | -- | 2000 |
| 08179000 | Medina R nr Pipe Cr , TX | 29°40'31" | 98°58'33" | Bandera | 474 | -- | 41 | 41 | 0 | 1924 | -- | 1982 |
| 08179100 | Red Bluff Cr nr Pipe Cr , TX | 29°40'51" | 98°57'19" | Bandera | 56.3 | -- | 25 | 25 | 0 | 1957 | -- | 1981 |
| 08180500 | Medina R nr Riomedina, TX | 29°29'53" | 98°54'16" | Medina | 650 | -- | 32 | 0 | 32 | -- | 1923 | 1973 |
| 08180640 | Medina R at La Coste, TX | 29°19'26" | 98°48'46" | Medina | 805 | -- | 13 | 0 | 13 | -- | 1988 | 2000 |
| 08180700 | Medina R nr MacDona, TX | 29°20'05" | 98°41'22" | Bexar | 885 | -- | 17 | 0 | 17 | -- | 1982 | 2000 |
| 08180750 | Medio Cr at Pearsall Rd at San Antonio, TX | 29°19'40" | 98°38'19" | Bexar | 47.9 | -- | 8 | 8 | 0 | 1988 | -- | 1995 |
| 08180800 | Medina R nr Somerset, TX | 29°15'43" | 98°34'52" | Bexar | 967 | -- | 28 | 0 | 28 | -- | 1971 | 2000 |
| 08181400 | Helotes Cr at Helotes, TX | 29°34'42" | 98°41'29" | Bexar | 15.0 | -- | 32 | 32 | 0 | 1969 | -- | 2000 |
| 08181410 | Ranch Cr nr Helotes, TX | 29°36'06" | 98°43'26" | Bexar | .39 | -- | 1 | 1 | 0 | 1978 | -- | 1978 |
| 08181450 | Leon Cr trib at Kelly Air Force Base, TX | 29°23'12" | 98°36'00" | Bexar | 1.19 | Yes | 10 | 10 | 0 | 1970 | -- | 1979 |
| 08181480 | Leon Cr at IH-35 at San Antonio, TX | 29°19'47" | 98°35'02" | Bexar | 219 | Yes | 16 | 16 | 0 | 1985 | -- | 2000 |
| 08181500 | Medina R at San Antonio, TX | 29°15'14" | 98°28'20" | Bexar | 1,320 | -- | 61 | 0 | 61 | -- | 1940 | 2000 |
| 08181800 | San Antonio R nr Elmendorf, TX | 29°13'19" | 98°21'20" | Bexar | 1,740 | -- | 38 | 0 | 38 | -- | 1963 | 2000 |
| 08182500 | Calaveras Cr nr Elemendorf, TX | 29°15'38" | 98°17'34" | Bexar | 77.2 | -- | 17 | 0 | 17 | -- | 1955 | 1971 |
| 08183000 | San Antonio R at Calaveras, TX | 29°12'54" | 98°15'39" | Wilson | 1,790 | -- | 6 | 0 | 6 | -- | 1919 | 1924 |
| 08183500 | San Antonio R nr Falls City, TX | 28°57'05" | 98°03'50" | Karnes | 2,110 | -- | 75 | 0 | 75 | -- | 1926 | 2000 |
| 08183850 | Cibolo Cr at IH-10 above Boerne, TX | 29°48'52" | 98°45'12" | Kendall | 29 | -- | 5 | 0 | 5 | -- | 1996 | 2000 |
| 08183900 | Cibolo Cr nr Boerne, TX | 29°46'26" | 98°41'50" | Kendall | 68.4 | -- | 33 | 15 | 18 | 1963 | 1978 | 1995 |
| 08184000 | Cibolo Cr nr Bulverde, TX | 29°43'33" | 98°25'37" | Comal | 198 | -- | 19 | 19 | 0 | 1947 | -- | 1965 |
| 08185000 | Cibolo Cr at Selma, TX | 29°35'38" | 98°18'39" | Bexar | 274 | -- | 54 | 33 | 21 | 1947 | 1980 | 2000 |
| 08185500 | Cibolo Cr at Sutherland Springs, TX | 29°16'47" | 98°03'10" | Wilson | 665 | -- | 4 | 4 | 0 | 1925 | -- | 1928 |
| 08186000 | Cibolo Cr nr Falls City, TX | 29°00'50" | 97°55'48" | Karnes | 827 | -- | 70 | 70 | 0 | 1931 | -- | 2000 |
| 08186500 | Ecleto Cr nr Runge, TX | 28°55'12" | 97°46'19" | Karnes | 239 | -- | 27 | 27 | 0 | 1963 | -- | 1989 |
| 08187500 | Escondido Cr at Kenedy, TX | 28°49'11" | 97°51'32" | Karnes | 72.4 | -- | 19 | 0 | 19 | -- | 1955 | 1973 |
| 08188000 | Dry Escondido Cr nr Kenedy, TX | 28°51'41" | 97°50'14" | Karnes | 9.43 | -- | 5 | 0 | 5 | -- | 1955 | 1959 |
| 08188500 | San Antonio R at Goliad, TX | 28°38'58" | 97°23'04" | Goliad | 3,920 | -- | 65 | 0 | 65 | -- | 1925 | 2000 |
| Copano Cr Basin (Coastal Basin) | | | | | | | | | | | | |
| 08189200 | Copano Cr nr Refugio, TX | 28°18'12" | 97°06'44" | Refugio | 87.8 | -- | 30 | 30 | 0 | 1971 | -- | 2000 |

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|------------------------|---|-----------|------------|--------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Mission R Basin | | | | | | | | | | | | |
| 08189300 | Medio Cr nr Beeville, TX | 28°28'58" | 97°39'23" | Bee | 204 | -- | 15 | 15 | 0 | 1963 | -- | 1977 |
| 08189500 | Misson R at Refugio, TX | 28°17'30" | 97°16'44" | Refugio | 690 | -- | 61 | 61 | 0 | 1940 | -- | 2000 |
| Aransas R Basin | | | | | | | | | | | | |
| 08189700 | Aransas R nr Skidmore, TX | 28°28'58" | 97°39'23" | Bee | 247 | -- | 36 | 36 | 0 | 1965 | -- | 2000 |
| 08189800 | Chiltipin Cr at Sinton, TX | 28°17'30" | 97°16'44" | San Patricio | 128 | -- | 21 | 21 | 0 | 1971 | -- | 1991 |
| Nueces R Basin | | | | | | | | | | | | |
| 08190000 | Nueces R at Laguna, TX | 29°25'42" | 99°59'49" | Uvalde | 737 | -- | 77 | 77 | 0 | 1924 | -- | 2000 |
| 08190500 | West Nueces R nr Brackettville, TX | 29°28'21" | 100°14'10" | Kinney | 694 | -- | 55 | 55 | 0 | 1940 | -- | 2000 |
| 08192000 | Nueces R below Uvalde, TX | 29°07'25" | 99°53'40" | Uvalde | 1,860 | -- | 73 | 73 | 0 | 1928 | -- | 2000 |
| 08192500 | Nueces R nr Cinonia, TX | 28°47'00" | 99°50'00" | Zavala | 2,150 | -- | 7 | 7 | 0 | 1916 | -- | 1924 |
| 08193000 | Nueces R nr Asherton, TX | 28°30'00" | 99°40'54" | Dimmit | 4,080 | -- | 61 | 9 | 52 | 1940 | 1949 | 2000 |
| 08194000 | Nueces R at Cotulla, TX | 28°25'34" | 99°14'23" | La Salle | 5,170 | -- | 74 | 22 | 52 | 1927 | 1949 | 2000 |
| 08194200 | San Casimiro Cr nr Freer, TX | 27°57'53" | 98°58'00" | Webb | 469 | -- | 38 | 38 | 0 | 1963 | -- | 2000 |
| 08194500 | Nueces R nr Tilden, TX | 28°18'31" | 98°33'25" | McMullen | 8,090 | -- | 57 | 5 | 52 | 1944 | 1949 | 2000 |
| 08194600 | Nueces R at Simmons, TX | 28°25'16" | 98°17'03" | Live Oak | 8,560 | -- | 12 | 12 | 0 | 1966 | -- | 1977 |
| 08195000 | Frio R at Concan, TX | 29°29'18" | 99°42'16" | Uvalde | 389 | -- | 75 | 75 | 0 | 1925 | -- | 2000 |
| 08196000 | Dry Frio R nr Reagan Wells, TX | 29°30'16" | 99°46'52" | Uvalde | 126 | -- | 48 | 48 | 0 | 1953 | -- | 2000 |
| 08197500 | Frio R below Dry Frio R nr Uvalde, TX | 29°14'44" | 99°40'27" | Uvalde | 631 | -- | 48 | 48 | 0 | 1953 | -- | 2000 |
| 08198000 | Sabinal R nr Sabinal, TX | 29°29'27" | 99°29'33" | Uvalde | 206 | -- | 58 | 58 | 0 | 1943 | -- | 2000 |
| 08198500 | Sabinal R at Sabinal, TX | 29°18'05" | 99°28'46" | Uvalde | 241 | -- | 48 | 48 | 0 | 1953 | -- | 200 |
| 08200000 | Hondo Cr nr Tarpley, TX | 29°34'10" | 99°14'47" | Medina | 95.6 | -- | 48 | 48 | 0 | 1953 | -- | 2000 |
| 08200500 | Hondo Cr nr Hondo, TX | 29°27'05" | 99°11'07" | Medina | 132 | -- | 12 | 12 | 0 | 1953 | -- | 1964 |
| 08200700 | Hondo Cr at King Waterhole nr Hondo, TX | 29°23'26" | 99°09'04" | Medina | 149 | -- | 40 | 40 | 0 | 1961 | -- | 2000 |
| 08201500 | Seco Cr at Miller Ranch nr Utopia, TX | 29°34'23" | 99°24'10" | Medina | 45.0 | -- | 39 | 39 | 0 | 1962 | -- | 2000 |
| 08202000 | Seco Cr nr Utopia, TX | 29°33'01" | 99°24'22" | Medina | 53.2 | -- | 9 | 9 | 0 | 1953 | -- | 1961 |
| 08202450 | Seco Cr Reservoir inflow nr Utopia, TX | 29°31'34" | 99°23'42" | Medina | 59.5 | -- | 7 | 7 | 0 | 1992 | -- | 1998 |
| 08202490 | Seco Cr Reservoir outflow nr Utopia, TX | 29°30'58" | 99°23'51" | Medina | 60.5 | -- | 5 | 5 | 0 | 1992 | -- | 1996 |
| 08202500 | Seco Cr nr DiHanis, TX | 29°29'20" | 99°23'16" | Medina | 87.4 | -- | 12 | 12 | 0 | 1953 | -- | 1964 |
| 08202700 | Seco Cr at Rowe Ranch nr DiHanis, TX | 29°21'43" | 99°17'05" | Medina | 168 | -- | 39 | 39 | 0 | 1962 | -- | 2000 |
| 08202790 | Parkers Cr Reservoir inflow nr DiHanis, TX | 29°27'27" | 99°15'16" | Medina | 9.34 | -- | 5 | 5 | 0 | 1992 | -- | 1996 |
| 08202810 | Parkers Cr Reservoir outflow nr DiHanis, TX | 29°26'38" | 99°15'09" | Medina | 10.0 | -- | 5 | 0 | 5 | -- | 1992 | 1996 |
| 08202900 | Seco Cr nr Yancey, TX | 29°08'03" | 99°12'19" | Medina | 253 | -- | 5 | 5 | 0 | 1992 | -- | 1996 |
| 08204000 | Leona R springflow nr Uvalde, TX | 29°09'15" | 99°44'35" | Uvalde | -- | -- | 26 | 26 | 0 | 1940 | -- | 1965 |
| 08204500 | Leona R nr Divot, TX | 28°47'34" | 99°14'27" | Frio | 565 | -- | 3 | 3 | 0 | 1925 | -- | 1928 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|-------------------------------------|--|-----------|------------|--------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Nueces R Basin—Continued | | | | | | | | | | | | |
| 08205500 | Frio R nr Derby, TX | 28°44'11" | 99°08'40" | Frio | 3,430 | -- | 85 | 85 | 0 | 1916 | -- | 2000 |
| 08206600 | Frio R at Tilden, TX | 28°28'02" | 98°32'50" | McMullen | 4,490 | -- | 22 | 22 | 0 | 1979 | -- | 2000 |
| 08206700 | San Miguel Cr nr Tilden, TX | 28°35'14" | 98°32'44" | McMullen | 783 | -- | 36 | 36 | 0 | 1965 | -- | 2000 |
| 08207000 | Frio R at Calliham, TX | 28°29'31" | 98°20'47" | McMullen | 5,490 | -- | 49 | 49 | 0 | 1925 | -- | 1980 |
| 08208000 | Atascosa R at Whitsett, TX | 28°37'19" | 98°16'52" | Live Oak | 1,170 | -- | 68 | 68 | 0 | 1933 | -- | 2000 |
| 08210000 | Nueces R nr Three Rivers, TX | 28°25'38" | 98°10'40" | Live Oak | 15,400 | -- | 85 | 67 | 18 | 1916 | 1983 | 2000 |
| 08210300 | Ramirena Cr nr George West, TX | 28°08'30" | 98°06'11" | Live Oak | 84.4 | -- | 3 | 3 | 0 | 1969 | -- | 1971 |
| 08210400 | Lagarto Cr nr George West, TX | 28°03'34" | 98°05'48" | Live Oak | 155 | -- | 17 | 17 | 0 | 1973 | -- | 1989 |
| 08211000 | Nueces R nr Mathis, TX | 28°02'17" | 97°51'36" | San Patricio | 16,700 | -- | 61 | 0 | 61 | -- | 1940 | 2000 |
| Oso Cr Basin (Coastal Basin) | | | | | | | | | | | | |
| 08211520 | Oso Cr at Corpus Christi, TX | 27°42'40" | 97°30'06" | Nueces | 90.3 | -- | 28 | 28 | 0 | 1973 | -- | 2000 |
| San Fernando Cr Basin | | | | | | | | | | | | |
| 08211800 | San Diego Cr at Alice, TX | 27°45'59" | 98°04'31" | Jim Wells | 319 | -- | 26 | 0 | 26 | -- | 1964 | 1989 |
| 08211900 | San Fernando Cr at Alice, TX | 27°46'20" | 98°02'00" | Jim Wells | 507 | -- | 23 | 0 | 23 | -- | 1966 | 2000 |
| 08212000 | San Fernando Cr nr Alice, TX | 27°43'30" | 97°59'15" | Jim Wells | 518 | -- | 1 | 1 | 0 | 1963 | -- | 1963 |
| 08212400 | Los Olmos Cr nr Falfurrias, TX | 27°15'51" | 98°08'08" | Brooks | 476 | -- | 18 | 18 | 0 | 1968 | -- | 2000 |
| 08212500 | Upper Madero Canal nr Kingsville, TX | 27°33'28" | 97°43'25" | Kleberg | 40 | -- | 4 | 4 | 0 | 1996 | 0 | 1999 |
| 08212600 | Chiltipin Canal nr Kingsville, TX | 27°33'33" | 97°38'26" | Kleberg | 35 | -- | 4 | 4 | 0 | 1996 | 0 | 1999 |
| 08212700 | Pinto Cr Canal nr Kingsville, TX | 27°28'57" | 97°43'29" | Kleberg | 44 | -- | 4 | 4 | 0 | 1996 | 0 | 1999 |
| 08212800 | Lower Madero Canal nr Kingsville, TX | 27°27'55" | 97°40'02" | Kleberg | 38 | -- | 4 | 4 | 0 | 1996 | 0 | 1999 |
| 08212900 | Tunas Cr nr Kingsville, TX | 27°28'23" | 97°34'42" | Kleberg | 10 | -- | 4 | 4 | 0 | 1996 | 0 | 1999 |
| Rio Grande Basin | | | | | | | | | | | | |
| 08363840 | Rio Grande at Vinton Bridge nr Anthony, TX | 31°57'32" | 106°36'17" | El Paso | 28,700 | -- | 4 | 0 | 4 | -- | 1971 | 1974 |
| 08365600 | McKelligon Canyon at El Paso, TX | 31°49'20" | 106°28'09" | El Paso | 2.30 | -- | 20 | 0 | 20 | -- | 1958 | 1977 |
| 08365800 | Government Ditch at El Paso, TX | 31°47'02" | 106°26'41" | El Paso | 6.40 | Yes | 19 | 19 | 0 | 1959 | -- | 1977 |
| 08373200 | Cibolo Cr nr Presidio, TX | 29°34'50" | 104°21'55" | Presidio | 276 | -- | 6 | 6 | 0 | 1972 | -- | 1977 |
| 08376300 | Sanderson Canyon at Sanderson, TX | 30°07'46" | 102°23'06" | Terrell | 195 | -- | 12 | 12 | 0 | 1969 | -- | 1980 |
| 08407500 | Pecos R at Red Bluff, NM | 32°04'30" | 104°02'21" | Eddy | 19,500 | -- | 63 | 0 | 63 | -- | 1938 | 2000 |
| 08408500 | Delaware R nr Red Bluff, NM | 32°01'23" | 104°03'15" | Eddy | 689 | -- | 63 | 63 | 0 | 1938 | -- | 2000 |
| 08409500 | Pecos R nr Angeles, TX | 32°02'00" | 104°00'00" | Reeves | 20,500 | -- | 23 | 23 | 0 | -- | 1915 | 1937 |
| 08411500 | Salt Screwbean Draw nr Orla, TX | 31°52'40" | 103°56'50" | Reeves | 464 | -- | 15 | 15 | 0 | 1940 | -- | 1957 |
| 08412500 | Pecos R nr Orla, TX | 31°52'21" | 103°49'52" | Reeves | 21,200 | -- | 59 | 0 | 59 | -- | 1938 | 1996 |
| 08414000 | Pecos R nr Mentone, TX | 31°40'07" | 103°37'34" | Reeves | 21,700 | -- | 6 | 3 | 3 | 1923 | 1970 | 1972 |

Footnotes at end of table.

Table 2. Inventory of daily mean streamflows for active and discontinued streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | County | Contributing drainage area (mi ²) | Urban basin ¹ | Years of record ² | | | Begin and end year ² | | |
|-----------------------------------|--|-----------|------------|------------|---|--------------------------|------------------------------|-------------|------------------------|---------------------------------|-----------------|------------------------|
| | | | | | | | Total | Unregulated | Regulated ³ | First unregulated | First regulated | Last year ⁴ |
| Rio Grande Basin—Continued | | | | | | | | | | | | |
| 08416500 | Pecos R above Barstow, TX | 31°35'00" | 103°30'00" | Reeves | 21,600 | -- | 4 | 4 | 0 | 1917 | -- | 1920 |
| 08420500 | Pecos R at Pecos, TX | 31°26'11" | 103°28'01" | Reeves | 22,100 | -- | 21 | 0 | 21 | -- | 1900 | 1954 |
| 08424500 | Madera Canyon nr Toyahvale, TX | 30°52'04" | 103°58'09" | Jeff Davis | 53.8 | -- | 17 | 17 | 0 | 1933 | -- | 1949 |
| 08425500 | Phantom Lake Springs nr Toyahvale, TX | 30°56'01" | 103°50'43" | Jeff Davis | -- | -- | 25 | 25 | 0 | 1933 | -- | 1966 |
| 08427000 | Giffin Springs at Toyahvale, TX | 30°56'51" | 103°47'19" | Reeves | -- | -- | 2 | 2 | 0 | 1932 | -- | 1933 |
| 08427500 | San Solomon Springs at Toyahvale, TX | 30°56'34" | 103°47'16" | Reeves | -- | -- | 26 | 26 | 0 | 1932 | -- | 1965 |
| 08430000 | East Sandia Spring at Balmorhea, TX | 30°59'00" | 103°43'30" | Reeves | -- | -- | 1 | 1 | 0 | 1933 | -- | 1933 |
| 08431000 | Toyah Cr nr Pecos, TX | 31°16'50" | 103°27'31" | Reeves | 1,020 | -- | 3 | 0 | 3 | -- | 1940 | 1945 |
| 08431500 | Salt Draw nr Pecos, TX | 31°18'54" | 103°29'07" | Reeves | 1,880 | -- | 3 | 0 | 3 | -- | 1940 | 1945 |
| 08431700 | Limpia Cr above Fort Davis, TX | 30°36'48" | 104°00'04" | Jeff Davis | 52.4 | -- | 20 | 20 | 0 | 1967 | -- | 1986 |
| 08431800 | Limpia Cr below Fort Davis, TX | 30°40'52" | 103°47'30" | Jeff Davis | 227 | -- | 15 | 15 | 0 | 1963 | -- | 1977 |
| 08432000 | Limpia Cr nr Fort Davis, TX | 30°47'00" | 103°45'00" | Jeff Davis | 303 | -- | 5 | 5 | 0 | 1927 | -- | 1931 |
| 08433000 | Barrilla Draw nr Saragosa, TX | 30°57'28" | 103°27'33" | Reeves | 612 | -- | 8 | 8 | 0 | 1976 | -- | 1983 |
| 08434000 | Toyah Cr below Toyah Lake nr Pecos, TX | 31°21'00" | 103°24'00" | Reeves | 3,710 | -- | 12 | 0 | 12 | -- | 1940 | 1951 |
| 08435500 | Pecos R below Barstow, TX | 31°25'00" | 103°15'00" | Ward | 26,000 | -- | 1 | 0 | 1 | -- | 1940 | 1940 |
| 08435600 | Toronto Cr nr Alpine, TX | 30°21'30" | 103°42'48" | Brewster | 27.9 | -- | 5 | 5 | 0 | 1972 | -- | 1976 |
| 08435620 | Alpine Cr at Alpine, TX | 30°21'06" | 103°40'00" | Brewster | 18.1 | -- | 5 | 5 | 0 | 1972 | -- | 1976 |
| 08435660 | Moss Cr nr Alpine, TX | 30°20'10" | 103°38'24" | Brewster | 11.3 | -- | 5 | 5 | 0 | 1972 | -- | 1976 |
| 08435700 | Sunny Glen Canyon nr Alpine, TX | 30°22'52" | 103°44'08" | Brewster | 29.7 | -- | 9 | 9 | 0 | 1969 | -- | 1977 |
| 08435800 | Coyanosa Draw nr Fort Stockton, TX | 31°02'27" | 103°08'15" | Pecos | 1,180 | -- | 13 | 13 | 0 | 1965 | -- | 1977 |
| 08438100 | Pecos R nr Grandfalls, TX | 31°19'18" | 102°53'33" | Ward | 27,800 | -- | 6 | 0 | 6 | -- | 1917 | 1925 |
| 08441500 | Pecos R below Grandfalls, TX | 31°17'00" | 102°44'32" | Crane | 27,800 | -- | 20 | 0 | 20 | -- | 1923 | 1956 |
| 08444500 | Comanche Springs at Fort Stockton, TX | 30°53'20" | 102°51'59" | Pecos | -- | -- | 23 | 23 | 0 | 1942 | -- | 1964 |
| 08446500 | Pecos R nr Girvin, TX | 31°06'47" | 102°25'02" | Pecos | 29,600 | -- | 61 | 0 | 61 | -- | 1940 | 2000 |
| 08447000 | Pecos R nr Sheffield, TX | 30°39'34" | 101°46'11" | Pecos | 31,600 | -- | 13 | 0 | 13 | -- | 1922 | 1949 |
| 08447020 | Independence Cr nr Sheffield, TX | 30°27'07" | 101°43'58" | Terrell | 763 | -- | 11 | 11 | 0 | 1975 | -- | 1985 |
| 08449000 | Devils R nr Juno, TX | 29°57'48" | 101°08'42" | Val Verde | 2,730 | -- | 34 | 34 | 0 | 1926 | -- | 1973 |

¹ An urban basin has at least 10-percent impervious cover.² Record might not be continuous from begin year to end year. Partial-record data exist for some stations outside period of record indicated.³ A regulated basin has at least 10 percent of its contributing drainage area controlled by at least one reservoir.⁴ Inventory includes data through 2000 water year. Most stations with end year of 2000 are still in operation.

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas

[mi², square miles; ft³/s, cubic feet per second; ft, feet; ft², square feet; ft/s, feet per second; --, not available; FTW, Fort Worth]

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|---|-----------|------------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Stream-flow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 07227500 | Canadian R nr Amarillo, TX | 35°28'13" | 101°52'45" | 15,376 | 27 | 1.99 | 82.50 | 41.80 | 0.67 | 0.51 | 2,989.16 |
| 07228000 | Canadian R nr Canadian, TX | 35°56'06" | 100°22'13" | 18,178 | 40 | 2.67 | 78 | 34 | 1.17 | .44 | 2,301.5 |
| 07235000 | Wolf Cr at Lipscomb, TX | 36°14'19" | 100°16'31" | 475 | 2.6 | 3.24 | 22.5 | 8.11 | .31 | .36 | 2,371.29 |
| 07297910 | Prairie Dog Town Fk Red R nr Wayside, TX | 34°50'15" | 101°24'49" | 930 | 2.2 | 7.24 | 15.5 | 2.92 | .74 | .19 | 2,463.74 |
| 07299540 | Prairie Dog Town Fk Red R nr Childress, TX | 34°34'09" | 100°11'37" | 2,958 | 4.7 | 8.12 | 43.7 | 7.01 | .71 | .16 | 1,628.4 |
| 07299670 | Groesbeck Cr at SH 6 nr Quanah, TX | 34°21'16" | 99°44'24" | 303 | 7.1 | 6.31 | 14 | 9.96 | .76 | .71 | 1,425.69 |
| 07299890 | Lelia Lake Cr below Bell Cr nr Hedley, TX | 34°56'08" | 100°41'46" | 74 | 3.3 | 2.83 | 17.5 | 4.77 | .71 | .27 | 2,417 |
| 07300000 | Salt Fk Red R nr Wellington, TX | 34°57'27" | 100°13'14" | 1,013 | 17 | 3.09 | 66.6 | 18.1 | .95 | .27 | 1,941.41 |
| 07301200 | McClellan Cr nr McLean, TX | 35°19'45" | 100°36'32" | 460 | 6.4 | 4.21 | 10.5 | 6.54 | .94 | .62 | 2,545.99 |
| 07301300 | North Fk Red R nr Shamrock, TX | 35°15'51" | 100°14'29" | 703 | 57 | 2.59 | 65 | 36.2 | 1.53 | .56 | 2,165.55 |
| 07301410 | Sweetwater Cr nr Kelton, TX | 35°28'23" | 100°07'14" | 267 | 10 | 6.06 | 19.5 | 20 | .48 | 1.03 | 2,230 |
| 07307800 | Pease R nr Childress, TX | 34°13'39" | 100°04'24" | 2,195 | 9.2 | 7.12 | 29 | 13.8 | .69 | .48 | 1,492.98 |
| 07308200 | Pease R nr Vernon, TX | 34°10'45" | 99°16'40" | 2,929 | 16 | 7.58 | 41 | 19.2 | .88 | .47 | 1,166.03 |
| 07308500 | Red R nr Burkburnett, TX | 34°06'36" | 98°31'53" | 14,634 | 313 | 3.25 | 203 | 237 | 1.3 | 1.17 | 952.57 |
| 07311600 | North Wichita R nr Paducah, TX | 33°57'02" | 100°03'52" | 540 | 11 | 2.76 | 50 | 13.6 | .81 | .27 | 1,530 |
| 07311630 | Middle Wichita R nr Guthrie, TX | 33°47'45" | 100°04'29" | 50.3 | 6.1 | 7.91 | 8.7 | 9.04 | .70 | 1.04 | 1,583.9 |
| 07311700 | North Wichita R nr Truscott, TX | 33°49'14" | 99°47'10" | 937 | 20 | 4.56 | 25.5 | 18.2 | 1.08 | .71 | 1,351.78 |
| 07311783 | South Wichita R below low flow dam nr Guthrie, TX | 33°37'19" | 100°12'31" | 223 | .06 | 2.96 | 1.2 | .22 | .28 | .18 | 1,590 |
| 07311800 | South Wichita R nr Benjamin, TX | 33°38'39" | 99°48'02" | 584 | 6.9 | 5.25 | 11.9 | 9.33 | .75 | .78 | 1,334.23 |
| 07311900 | Wichita R nr Seymour, TX | 33°42'01" | 99°23'18" | 1,874 | 31 | 6.49 | 68 | 47.8 | .71 | .70 | 1,152.7 |
| 07312100 | Wichita R nr Mabelle, TX | 33°45'36" | 99°08'33" | 2,086 | 13 | 2.77 | 27 | 11.6 | 1.12 | .43 | 1,062.72 |
| 07312110 | South Side Canal nr Dundee, TX | 33°48'50" | 98°55'57" | 2,194 | 54 | 4.51 | 36 | 25.6 | 2.06 | .71 | 1,039.7 |
| 07312130 | Wichita R at SH 25 nr Kamay, TX | 33°52'09" | 98°50'20" | 2,246 | 9.0 | 8.27 | 14 | 7.99 | 1.08 | .57 | 923 |
| 07312200 | Beaver Cr nr Electra, TX | 33°54'21" | 98°54'17" | 652 | 5.6 | 8.71 | 10.7 | 6.06 | 1.0 | .57 | 991.3 |
| 07312500 | Wichita R at Wichita Falls, TX | 33°54'34" | 98°32'00" | 1,054 | 83 | 2.8 | 68.3 | 66.6 | 1.27 | .98 | 924.26 |
| 07312700 | Wichita R nr Charlie, TX | 34°03'11" | 98°17'47" | 3,439 | 140 | 5.36 | 62.5 | 83.3 | 1.67 | 1.33 | 872.71 |
| 07314500 | Little Wichita R nr Archer City, TX | 33°39'45" | 98°36'46" | 481 | .31 | 4.31 | 2.65 | .37 | .84 | .14 | 934.72 |
| 07314900 | Little Wichita R above Henrietta, TX | 33°49'36" | 98°14'23" | 1,037 | 0 | -- | -- | -- | -- | -- | 831.57 |
| 07315200 | East Fk Little Wichita R nr Henrietta, TX | 33°48'46" | 98°05'05" | 178 | .14 | 5.89 | 3.0 | .45 | .30 | .15 | 825.32 |
| 07331600 | Red River at Denison Dam nr Denison, TX | 33°49'08" | 96°33'47" | 39,720 | 2,790 | 6.96 | 333 | 1,589 | 1.48 | 4.77 | 495 |
| 07342465 | South Sulphur R at Commerce, TX | 33°12'42" | 95°54'50" | 150 | 2.9 | 4.06 | 9.25 | 3.85 | .80 | .42 | 460.74 |
| 07342480 | Middle Sulphur R at Commerce, TX | 33°15'59" | 95°54'55" | 44.1 | .52 | 3.1 | 3.8 | .74 | .69 | .19 | 470 |
| 07342500 | South Sulphur R nr Cooper, TX | 33°21'23" | 95°35'41" | 527 | 19 | 2.11 | 20 | 17.4 | 1.07 | .87 | 379.91 |
| 07343000 | North Sulphur R nr Cooper, TX | 33°28'29" | 95°35'15" | 276 | 11 | 4.74 | 36 | 28.7 | .38 | .80 | 372.42 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|---|-----------|-----------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 07343210 | Sulphur R below Talco, TX | 33°23'26" | 95°03'44" | 1,405 | 276 | 9.5 | 76 | 250 | 1.11 | 3.29 | 275.48 |
| 07343500 | White Oak Cr nr Talco, TX | 33°19'20" | 95°05'33" | 494 | 57 | 3.17 | 78 | 176 | .33 | 2.26 | 286.45 |
| 07344486 | Brushy Cr at Scroggins, TX | 32°58'32" | 95°11'03" | 23.4 | 7.2 | 8.22 | 16 | 14 | .52 | .88 | 343.9 |
| 07344500 | Big Cypress Cr nr Pittsburg, TX | 33°01'15" | 94°52'55" | 366 | 33 | 6.03 | 34.3 | 67.7 | .50 | 1.97 | 247.49 |
| 07346000 | Big Cypress Cr nr Jefferson, TX | 32°44'58" | 94°29'55" | 850 | 182 | 7.4 | 112 | 658.5 | .29 | 5.91 | 180 |
| 07346045 | Black Cypress Bayou at Jefferson, TX | 32°46'40" | 94°21'26" | 365 | 168 | 7.4 | 66.3 | 337 | .51 | 5.09 | 171.47 |
| 07346050 | Little Cypress Creek nr Ore City, TX | 32°40'21" | 94°45'03" | 383 | 73 | 4.63 | 70 | 204 | .37 | 2.91 | 232.67 |
| 07346070 | Little Cypress Creek nr Jefferson, TX | 32°42'46" | 94°20'45" | 675 | 182 | 5.34 | 81.5 | 403.5 | .42 | 4.95 | 174.6 |
| 08017200 | Cowleech Fk Sabine R at Greenville, TX | 33°07'58" | 96°04'36" | 77.7 | 1.4 | 2.78 | 9.0 | 6.21 | .22 | .69 | 485.07 |
| 08017300 | South Fk Sabine R nr Quinlan, TX | 32°53'52" | 96°15'11" | 78.7 | .46 | 3.89 | 5.15 | 1.11 | .45 | .21 | 461.4 |
| 08017410 | Sabine R nr Wills Point, TX | 32°48'22" | 95°55'09" | 756 | 22 | 1.95 | 28 | 18.7 | 1.29 | .67 | 370 |
| 08018500 | Sabine R nr Mineola, TX | 32°36'49" | 95°29'08" | 1,357 | 142 | 4.43 | 49 | 214 | .64 | 4.37 | 304.16 |
| 08019000 | Lake Fk Cr nr Quitman, TX | 32°45'47" | 95°27'46" | 585 | 43 | 4.21 | 26 | 66.6 | .71 | 2.56 | 317.42 |
| 08019200 | Sabine R nr Hawkins, TX | 32°33'35" | 95°12'23" | 2,259 | 468 | 7.44 | 85 | 628 | .82 | 7.39 | 279 |
| 08019500 | Big Sandy Cr nr Big Sandy, TX | 32°36'14" | 95°05'29" | 231 | 78 | 5.74 | 39.2 | 111 | .67 | 2.83 | 278.38 |
| 08020000 | Sabine R nr Gladewater, TX | 32°31'37" | 94°57'36" | 2,791 | 552 | 7.62 | 100 | 389 | 1.37 | 3.89 | 243.85 |
| 08020450 | Sabine R above Longview, TX | 32°28'47" | 94°48'15" | 2,943 | 161 | 4.63 | 58 | 111 | 1.42 | 1.91 | 230 |
| 08020900 | Sabine R below Longview, TX | 32°25'00" | 94°42'35" | 3,155 | 548 | 6.16 | 72 | 387 | 1.46 | 5.38 | 230 |
| 08022040 | Sabine R nr Beckville, TX | 32°19'38" | 94°21'12" | 3,589 | 896 | 8.24 | 150 | 840 | 1.02 | 5.6 | 190 |
| 08025360 | Sabine R at Toledo Bend Reservoir nr Burkeville, TX | 31°10'25" | 93°33'57" | 7,178 | 3,940 | 1.68 | 228 | 1,360 | 2.26 | 5.96 | 0 |
| 08026000 | Sabine R nr Burkeville, TX | 31°03'50" | 93°31'10" | 7,482 | 2,720 | 17.54 | 297 | 1,460 | 1.84 | 4.92 | 60.59 |
| 08028500 | Sabine R nr Bon Wier, TX | 30°44'49" | 93°36'30" | 8,229 | 3,590 | 17.21 | 220 | 2,280 | 1.56 | 10.36 | 33.42 |
| 08029500 | Big Cow Cr nr Newton, TX | 30°49'08" | 93°47'07" | 128 | 64 | 6.7 | 43 | 78.3 | .81 | 1.82 | 134.69 |
| 08030500 | Sabine R nr Ruliff, TX | 30°18'13" | 93°44'37" | 9,329 | 4,710 | 20.44 | 365 | 5,430 | .86 | 14.88 | -5.92 |
| 08032000 | Neches R nr Neches, TX | 31°53'32" | 95°25'50" | 1,145 | 263 | 6.19 | 740 | 364 | .74 | .49 | 264.06 |
| 08033000 | Neches R nr Diboll, TX | 31°07'58" | 94°48'35" | 2,724 | 625 | 5.33 | 104 | 1,020 | .62 | 9.81 | 136.46 |
| 08033500 | Neches R nr Rockland, TX | 31°01'29" | 94°23'55" | 3,636 | 935 | 5.3 | 147 | 686 | 1.38 | 4.67 | 88.41 |
| 08036500 | Angelina R nr Alto, TX | 31°40'10" | 94°57'24" | 1,726 | 345 | 4.43 | 93.5 | 318 | 1.09 | 3.4 | 204.3 |
| 08038000 | Attoyac Bayou nr Chireno, TX | 31°30'15" | 94°18'15" | 503 | 151 | 5.33 | 61 | 311 | .48 | 5.1 | 169.58 |
| 08039100 | Ayish Bayou nr San Augustine, TX | 31°23'46" | 94°09'03" | 89 | 18 | 2.34 | 21.5 | 24.4 | .76 | 1.13 | 190.22 |
| 08040600 | Neches R nr Town Bluff, TX | 30°47'27" | 94°09'03" | 7,574 | 2,980 | 51.05 | 177 | 2,415 | 1.24 | 13.61 | 0 |
| 08041500 | Village Cr nr Kountze, TX | 30°23'52" | 94°15'48" | 860 | 336 | 4.58 | 85 | 288 | 1.17 | 3.39 | 25.12 |
| 08041700 | Pine Island Bayou nr Sour Lake, TX | 30°06'21" | 94°20'04" | 336 | 84 | 14.36 | 61 | 132 | .64 | 2.16 | 0 |
| 08042800 | West Fk Trinity R nr Jacksboro, TX | 33°17'30" | 98°04'49" | 683 | .99 | 4.7 | 14.5 | 4.68 | .21 | .32 | 869.28 |
| 08043950 | Big Sandy Cr nr Chico, TX | 33°16'27" | 97°40'42" | 312 | 6.6 | 2.6 | 13 | 5.8 | 1.09 | .45 | 754 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|---|-----------|-----------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 08044500 | West Fk Trinity R nr Boyd, TX | 33°05'07" | 97°33'30" | 1,725 | 68 | 6.24 | 52 | 119 | 0.54 | 2.29 | 660.57 |
| 08044800 | Walnut Cr at Reno, TX | 32°56'44" | 97°34'58" | 75.6 | 3.7 | 3.45 | 14 | 6.49 | .51 | .46 | 681.11 |
| 08045850 | Clear Fk Trinity R nr Weatherford, TX | 32°44'25" | 97°39'06" | 121 | 3.2 | 8.33 | 12 | 11.2 | .29 | .93 | 810 |
| 08047000 | Clear Fk Trinity R nr Benbrook, TX | 32°39'54" | 97°26'30" | 431 | 6.7 | 2.9 | 22 | 12.4 | .50 | .56 | 604.22 |
| 08047050 | Marys Cr at Benbrook, TX | 32°41'42" | 97°26'49" | 54 | 2.3 | 1.2 | 18.3 | 2.8 | .74 | .15 | 635 |
| 08047500 | Clear Fk Trinity R at FTW, TX | 32°43'56" | 97°21'31" | 518 | 16 | 8.41 | 20 | 6.93 | 2.26 | .35 | 532.91 |
| 08048000 | West Fk Trinity R at FTW, TX | 32°45'39" | 97°19'56" | 2,615 | 40 | .79 | 29 | 15.7 | 2.54 | .54 | 519.24 |
| 08048543 | West Fk Trinity R at Beach St, FTW, TX | 32°45'06" | 97°17'21" | 2,685 | 52 | 3.45 | 38 | 38.3 | 1.36 | 1.01 | 478.7 |
| 08048970 | Village Cr at Everman, TX | 32°36'12" | 97°15'53" | 84.5 | 3.7 | 3.11 | 17 | 3.51 | 1.15 | .21 | 589.93 |
| 08049500 | West Fk Trinity R at Grand Prairie, TX | 32°45'46" | 96°59'42" | 3,065 | 178 | 3.05 | 89 | 171 | 1.04 | 1.92 | 405.42 |
| 08049580 | Mountain Cr nr Venus, TX | 32°29'27" | 97°07'22" | 25.5 | .01 | 4.26 | 1.0 | .12 | .08 | .12 | 445 |
| 08049700 | Walnut Cr nr Mansfield, TX | 32°34'51" | 97°06'06" | 62.8 | .26 | 5.07 | 4.2 | .39 | .69 | .09 | 531.08 |
| 08050100 | Mountain Cr at Grand Prairie, TX | 32°44'51" | 96°55'32" | 298 | 1.3 | 3.24 | 7.8 | 2.44 | .49 | .31 | 404.31 |
| 08050400 | Elm Fk Trinity R at Gainesville, TX | 33°37'27" | 97°09'22" | 174 | 12 | 1.64 | 30.8 | 23.6 | .52 | .77 | 700 |
| 08050800 | Timber Cr nr Collinsville, TX | 33°33'16" | 96°56'49" | 38.8 | 1.6 | 6.54 | 4.4 | 1.8 | .90 | .41 | 640 |
| 08050840 | Range Cr nr Collinsville, TX | 33°31'34" | 96°48'25" | 29.2 | .04 | 3.4 | 2.1 | .36 | .13 | .17 | 621.08 |
| 08051500 | Clear Cr nr Sanger, TX | 33°20'10" | 97°10'45" | 295 | 25 | 6.02 | 36.3 | 61.4 | .42 | 1.69 | 582.23 |
| 08052700 | Little Elm Cr nr Aubrey, TX | 33°17'00" | 96°53'33" | 75.5 | .95 | 4.8 | 5.8 | 5.83 | .15 | 1.01 | 534.76 |
| 08053000 | Elm Fk nr Trinity R nr Lewisville, TX | 33°02'44" | 96°57'39" | 1,673 | 220 | 4.68 | 48 | 218 | .99 | 4.54 | 432.39 |
| 08053500 | Denton Cr nr Justin, TX | 33°07'08" | 97°17'25" | 400 | 19 | 3.36 | 46.5 | 106 | .18 | 2.28 | 606.66 |
| 08055500 | Elm Fk Trinity R nr Carrollton, TX | 32°57'57" | 96°56'39" | 2,459 | 148 | 3.41 | 62.7 | 72.2 | 1.99 | 1.15 | 431.4 |
| 08057000 | Trinity R at Dallas, TX | 32°46'29" | 96°49'18" | 6,106 | 418 | 13.2 | 84 | 351 | 1.19 | 4.18 | 368.02 |
| 08057200 | White Rock Cr at Greenville Ave, Dallas, TX | 32°53'21" | 96°45'23" | 66.4 | 13 | 71.27 | 27 | 13.6 | .95 | .50 | 0 |
| 08057445 | Prairie Cr at US 175, Dallas, TX | 32°42'17" | 96°40'11" | 9.03 | .94 | 10.55 | 13 | 6.21 | .16 | .48 | 390 |
| 08058900 | East Fk Trinity R at McKinney, TX | 33°14'38" | 96°36'31" | 164 | 14 | 3.78 | 17 | 18.1 | .72 | 1.06 | 528.74 |
| 08059400 | Sister Grove Cr nr Blue Ridge, TX | 33°17'40" | 96°28'58" | 83.1 | 14 | 11.62 | 24 | 38.7 | .36 | 1.61 | 526.29 |
| 08061540 | Rowlett Cr nr Sachse, TX | 32°57'35" | 96°36'51" | 120 | 46 | 6.31 | 44 | 34.4 | 1.3 | .78 | 450 |
| 08061750 | East Fk Trinity R nr Forney, TX | 32°46'27" | 96°30'12" | 1,118 | 60 | 3.66 | 64 | 144 | .41 | 2.25 | 374.86 |
| 08062000 | East Fk Trinity R nr Crandall, TX | 32°38'19" | 96°29'06" | 1,256 | 94 | 2.69 | 46 | 170 | .55 | 3.7 | 338.69 |
| 08062500 | Trinity R nr Rosser, TX | 32°25'35" | 96°27'46" | 8,147 | 915 | 2.89 | 94 | 518 | 1.79 | 5.51 | 297.65 |
| 08062700 | Trinity R at Trinidad, TX | 32°08'05" | 96°06'20" | 8,538 | 1,290 | 4.63 | 81 | 476 | 2.5 | 5.88 | 239.21 |
| 08063100 | Richland Cr nr Dawson, TX | 31°56'18" | 96°40'52" | 333 | 2.0 | 2.52 | 13.5 | 10.6 | .17 | .79 | 367.52 |
| 08063800 | Waxahachie Cr nr Bardwell, TX | 32°14'36" | 96°38'24" | 178 | 1.2 | .56 | 1.5 | .44 | 2.77 | .29 | 370.18 |
| 08064100 | Chambers Cr nr Rice, TX | 32°11'54" | 96°31'12" | 807 | 50 | 6.38 | 40 | 88 | .52 | 2.2 | 340 |
| 08064700 | Tehuacana Cr nr Streetman, TX | 31°50'46" | 96°17'37" | 142 | 1.8 | 3.29 | 8.4 | 3.06 | .64 | .36 | 280.13 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|---|-----------|-----------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 08065000 | Trinity R nr Oakwood, TX | 31°38'54" | 95°47'21" | 12,833 | 1,490 | 8.36 | 100 | 958 | 1.45 | 9.58 | 175.06 |
| 08065200 | Upper Keechi Cr nr Oakwood, TX | 31°34'11" | 95°53'17" | 150 | 11 | 6.36 | 19.5 | 14.8 | .79 | .76 | 240.11 |
| 08065350 | Trinity R nr Crockett, TX | 31°20'18" | 95°39'22" | 13,911 | 2,400 | 11 | 182 | 1,270 | 1.86 | 6.98 | 141.15 |
| 08065800 | Bedias Cr nr Madisonville, TX | 30°53'03" | 95°46'39" | 321 | 9.0 | 4.66 | 12 | 5.65 | 1.6 | .47 | 150 |
| 08066170 | Kickapoo Cr nr Onalaska, TX | 30°54'25" | 95°05'18" | 57 | 3.6 | 3.61 | 22 | 11.3 | .32 | .51 | 139.85 |
| 08066200 | Long King Cr at Livingston, TX | 30°42'58" | 94°57'31" | 141 | 13 | 3.75 | 21 | 9.97 | 1.33 | .47 | 100.12 |
| 08066250 | Trinity R nr Goodrich, TX | 30°34'19" | 94°56'55" | 16,844 | 2,770 | 8.6 | 265 | 2,380 | 1.16 | 8.98 | 40 |
| 08066300 | Menard Cr nr Rye, TX | 30°28'52" | 94°46'46" | 152 | 50 | 9.26 | 34 | 63.4 | .79 | 1.86 | 62.32 |
| 08066500 | Trinity R at Romayor, TX | 30°25'30" | 94°51'02" | 17,186 | 2,710 | 13.38 | 260 | 6,170 | .45 | 23.73 | 25.92 |
| 08067000 | Trinity R at Liberty, TX | 30°03'27" | 94°49'05" | 17,468 | 20,400 | 25.51 | 455 | 10,200 | 1.98 | 22.42 | -2.22 |
| 08067500 | Cedar Bayou nr Crosby, TX | 29°58'20" | 94°59'10" | 64.9 | 14 | 7.88 | 25.2 | 14 | .99 | .56 | 31.31 |
| 08067650 | West Fk San Jacinto R below Lake Conroe nr Conroe, TX | 30°20'31" | 95°23'34" | 451 | 8.8 | 14.34 | 24.2 | 13.8 | .64 | .57 | 116.06 |
| 08068000 | West Fk San Jacinto R nr Conroe, TX | 30°14'40" | 95°27'25" | 828 | 95 | 3.66 | 62 | 71.05 | 1.35 | 1.15 | 95.03 |
| 08068090 | West Fk San Jacinto R above Lake Houston nr Porter, TX | 30°05'09" | 95°17'59" | 962 | 115 | 11.03 | 88 | 111 | 1.04 | 1.26 | 33 |
| 08068450 | Panther Branch nr Spring, TX | 30°07'51" | 95°28'52" | 34.5 | 1.4 | 4.68 | 7.1 | 1.64 | .83 | .23 | 0 |
| 08068500 | Spring Cr nr Spring, TX | 30°06'37" | 95°26'10" | 409 | 43 | 3.11 | 36 | 31.8 | 1.31 | .88 | 73.1 |
| 08068720 | Cypress Cr at Katy-Hockley Rd nr Hockley, TX | 29°57'00" | 95°48'29" | 110 | 3.0 | 47.36 | 9.4 | 5.33 | .60 | .57 | 100 |
| 08068740 | Cypress Cr at House-Hahl Rd nr Cypress, TX | 29°57'32" | 95°43'03" | 131 | 5.9 | 29.88 | 11 | 4.62 | 1.28 | .42 | 100 |
| 08068780 | Little Cypress Cr nr Cypress, TX | 30°00'57" | 95°41'50" | 41 | .73 | 64.87 | 3.0 | .87 | .92 | .29 | 80 |
| 08068800 | Cypress Cr at Grant Rd nr Cypress, TX | 29°58'24" | 95°35'54" | 214 | 9.9 | 25.02 | 24.7 | 13.9 | .69 | .56 | 80 |
| 08068900 | Cypress Cr at Stuebner-Airline Rd nr Westfield, TX | 30°00'23" | 95°30'42" | 248 | 43 | 14.78 | 29.5 | 28.9 | 1.47 | .98 | 70 |
| 08069000 | Cypress Cr nr Westfield, TX | 30°02'08" | 95°25'43" | 285 | 27 | 3.21 | 26.5 | 27.6 | 1.0 | 1.04 | 63.89 |
| 08070000 | East Fk San Jacinto R nr Cleveland, TX | 30°20'11" | 95°06'14" | 325 | 50 | 4.92 | 50 | 54.4 | .88 | 1.09 | 107.98 |
| 08070200 | East Fk San Jacinto R nr New Caney, TX | 30°08'43" | 95°07'27" | 388 | 87 | 4.96 | 40.5 | 75.6 | 1.18 | 1.87 | 43.98 |
| 08070500 | Caney Cr nr Splendora, TX | 30°15'34" | 95°18'08" | 105 | 28 | 3.22 | 33 | 28.7 | 1.01 | .87 | 118.44 |
| 08071000 | Peach Cr at Splendora, TX | 30°13'57" | 95°10'05" | 117 | 25 | 6.86 | 32 | 34.9 | .72 | 1.09 | 81.61 |
| 08071280 | Luce Bayou above Lake Houston nr Huffman, TX | 30°06'34" | 95°03'35" | 218 | 9.6 | 8.96 | 17 | 13.5 | .72 | .79 | 39.91 |
| 08072300 | Buffalo Bayou nr Katy, TX | 29°44'35" | 95°48'24" | 63.3 | 8.0 | 22.72 | 19.8 | 23.3 | .35 | 1.18 | 75.02 |
| 08072730 | Bear Cr nr Barker, TX | 29°49'50" | 95°41'12" | 21.5 | 1.9 | 2.75 | 7.7 | 2.14 | .91 | .28 | 100 |
| 08072760 | Langham Cr at West Little York Rd nr Addicks, TX (2 yrs. data) | 29°52'01" | 95°38'47" | 24.6 | 10 | 14.96 | 16.4 | 11.7 | .81 | .71 | 90 |
| 08073500 | Buffalo Bayou nr Addicks, TX | 29°45'42" | 95°36'20" | 293 | 49 | 50.19 | 40 | 43 | 1.15 | 1.08 | -1.4 |
| 08073600 | Buffalo Bayou at West Belt Dr at Houston, TX | 29°45'43" | 95°33'27" | 307 | 110 | 39.98 | 36.6 | 56.5 | 1.96 | 1.54 | -67 |
| 08073700 | Buffalo Bayou at Piney Point, TX | 29°44'48" | 95°31'24" | 317 | 108 | 33.24 | 39 | 91.8 | 1.15 | 2.35 | -1.35 |
| 08074150 | Cole Cr at Deihl Rd, Houston, TX | 29°51'04" | 95°29'16" | 7.5 | 1.6 | 67.6 | 14 | 4.4 | .36 | .31 | 0 |
| 08074250 | Brickhouse Gully at Costa Rica St, Houston, TX | 29°49'40" | 95°28'09" | 11.4 | 3.5 | 53.38 | 19.1 | 8.2 | .42 | .43 | 0 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|--|-----------|------------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 08074500 | Whiteoak Bayou at Houston, TX | 29°46'30" | 95°23'49" | 86.3 | 29 | 16.7 | 12.4 | 14.8 | 2.03 | 1.19 | -7.35 |
| 08074800 | Keegans Bayou at Roark Rd nr Houston, TX | 29°39'23" | 95°33'43" | 12.7 | 4.1 | 61.88 | 9.5 | 3.55 | 1.18 | .37 | 0 |
| 08074810 | Brays Bayou at Gessner Dr, Houston, TX | 29°40'21" | 95°31'41" | 52.5 | 72 | 43.17 | 51.4 | 44.3 | 1.63 | .86 | 0 |
| 08075000 | Brays Bayou at Houston, TX | 29°41'49" | 95°24'43" | 94.9 | 67 | 25.4 | 63 | 73.4 | .98 | 1.17 | -7.16 |
| 08075400 | Sims Bayou at Hiram Clarke St, Houston, TX | 29°37'07" | 95°26'45" | 20.16 | 12 | 35.41 | 19.6 | 15 | .84 | .77 | 0 |
| 08075500 | Sims Bayou at Houston, TX | 29°40'27" | 95°17'21" | 63 | 40 | 2.9 | 51 | 33.6 | 1.17 | .66 | -3.09 |
| 08075730 | Vince Bayou at Pasadena, TX | 29°41'40" | 95°12'58" | 8.26 | 2.2 | 8.27 | 26.4 | 2.98 | .72 | .11 | -2.54 |
| 08075770 | Hunting Bayou at IH-610, Houston, TX | 29°47'35" | 95°16'04" | 16.1 | 7.0 | 21.16 | 16.5 | 6.84 | 1.0 | .41 | 0 |
| 08075900 | Greens Bayou nr US 75 nr Houston, TX | 29°57'24" | 95°25'04" | 36.6 | 15 | 70.66 | 25 | 11.8 | 1.25 | .47 | 0 |
| 08076000 | Greens Bayou nr Houston, TX | 29°55'05" | 95°18'24" | 68.7 | 24 | 44.6 | 29.5 | 23.2 | 1.03 | .79 | -6.66 |
| 08076180 | Garners Bayou nr Humble, TX | 29°56'03" | 95°14'02" | 31 | 12 | 36.38 | 15 | 13 | .95 | .87 | 0 |
| 08076500 | Halls Bayou at Houston, TX | 29°51'42" | 95°20'05" | 28.7 | 9.0 | 45.9 | 31 | 22.8 | .39 | .74 | -6.66 |
| 08076700 | Greens Bayou at Ley Rd, Houston, TX | 29°50'13" | 95°13'59" | 182 | 322 | 4.96 | 57 | 237 | 1.31 | 4.16 | -2.13 |
| 08078000 | Chocolate Bayou nr Alvin, TX | 29°22'09" | 95°19'14" | 87.7 | 32 | 11.2 | 21.6 | 25.2 | 1.3 | 1.17 | .31 |
| 08079600 | Double Mountain Fk Brazos R at Justiceburg, TX | 33°02'18" | 101°11'50" | 244 | .02 | 5.5 | .89 | .03 | .70 | .03 | 2,222.47 |
| 08080500 | Double Mountain Fk Brazos R nr Aspermont, TX | 33°00'29" | 100°10'49" | 1,864 | 1.5 | 1.36 | 8.5 | 2.54 | .55 | .3 | 1,624.79 |
| 08082000 | Salt Fk Brazos R nr Aspermont, TX | 33°20'02" | 100°14'16" | 2,496 | 7.1 | 2.65 | 27.5 | 9.32 | .77 | .34 | 1,588.7 |
| 08082500 | Brazos R at Seymour, TX | 33°34'51" | 99°16'02" | 5,972 | 50 | 1.97 | 101 | 46 | 1.12 | .46 | 1,238.97 |
| 08082700 | Millers Cr nr Munday, TX | 33°19'45" | 99°27'53" | 104 | 0 | -- | -- | -- | -- | -- | 1,350 |
| 08083100 | Clear Fk Brazos R nr Roby, TX | 32°47'15" | 100°23'18" | 228 | 1.6 | 2.45 | 3.0 | 1.42 | 1.1 | .47 | 1,885.09 |
| 08083420 | Cat Claw Cr at Abilene, TX | 32°28'31" | 99°44'56" | 13 | 0 | -- | -- | -- | -- | -- | 1,682.32 |
| 08084000 | Clear Fk Brazos R at Nugent, TX | 32°41'24" | 99°40'09" | 2,199 | 12 | 1.95 | 48.5 | 18.8 | .65 | .39 | 1,531.91 |
| 08084800 | California Cr nr Stamford, TX | 32°55'51" | 99°38'32" | 478 | 2.6 | 6.49 | 8.2 | 2.12 | 1.18 | .26 | 1,470 |
| 08085500 | Clear Fk Brazos R at Fort Griffin, TX | 32°56'04" | 99°13'27" | 3,988 | 25 | 2.45 | 28 | 13 | 2.0 | .46 | 1,174.09 |
| 08086212 | Hubbard Cr below Albany, TX | 32°43'58" | 99°08'15" | 613 | 1.3 | 3.37 | 12 | 2.67 | .49 | .22 | 1,184.99 |
| 08086290 | Big Sandy Cr above Breckenridge, TX | 32°38'54" | 99°00'15" | 280 | .08 | .82 | 1.2 | .07 | 1.25 | .06 | 1,185.83 |
| 08088000 | Brazos R nr South Bend, TX | 33°01'27" | 98°38'37" | 22,673 | 131 | 4.06 | 112 | 106 | 1.16 | .94 | 1,002.98 |
| 08088610 | Brazos R nr Graford, TX | 32°51'29" | 98°14'41" | 14,030 | 264 | 66.92 | 100 | 243 | 1.19 | 2.43 | 800 |
| 08089000 | Brazos R nr Palo Pinto, TX | 32°51'45" | 98°18'08" | 14,245 | 216 | 2.68 | 108 | 110 | 2.03 | 1.02 | 834.23 |
| 08090800 | Brazos R nr Dennis, TX | 32°36'56" | 97°55'32" | 15,671 | 281 | 3.08 | 240 | 982 | .28 | 4.09 | 697.67 |
| 08091000 | Brazos R nr Glen Rose, TX | 32°16'18" | 97°39'48" | 16,252 | 353 | 5.71 | 218 | 281 | 1.17 | 1.29 | 567.82 |
| 08091500 | Paluxy R at Glen Rose, TX | 32°13'53" | 97°46'37" | 410 | 21 | 2.13 | 77 | 37.7 | .60 | .49 | 609.66 |
| 08091750 | Squaw Cr nr Glen Rose, TX | 32°16'12" | 97°43'56" | 70.3 | 4.0 | 2.2 | 20 | 6.2 | .63 | .31 | 599 |
| 08092000 | Nolan R at Blum, TX | 32°09'02" | 97°24'09" | 282 | 12 | 1.91 | 67 | 24.7 | .43 | .37 | 551.48 |
| 08093100 | Brazos R nr Aquilla, TX | 31°48'44" | 97°17'51" | 17,678 | 633 | 7.69 | 241 | 634 | 1.05 | 2.63 | 404.29 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|---|-----------|-----------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 08093500 | Aquilla Cr nr Aquilla, TX | 31°50'40" | 97°12'04" | 308 | 6.0 | 4.38 | 7.8 | 3.7 | 1.66 | 0.47 | 451.48 |
| 08094800 | North Bosque R at Hico, TX | 31°58'41" | 98°02'04" | 359 | 5.5 | .64 | 32.5 | 13.6 | .39 | .42 | 982.46 |
| 08095000 | North Bosque R nr Clifton, TX | 31°47'09" | 97°34'04" | 968 | 29 | 1.93 | 53 | 32.8 | .86 | .62 | 605.43 |
| 08095200 | North Bosque R at Valley Mills, TX | 31°40'10" | 97°28'09" | 1,146 | 43 | 3.66 | 57.5 | 40.1 | 1.07 | .70 | 524.55 |
| 08095300 | Middle Bosque R nr McGregor, TX | 31°30'33" | 97°21'56" | 182 | 20 | 2.8 | 31.8 | 15.8 | 1.27 | .50 | 530.51 |
| 08095400 | Hog Cr nr Crawford, TX | 31°33'20" | 97°21'22" | 78.2 | 4.3 | 2.14 | 30 | 15 | .30 | .50 | 560.54 |
| 08096500 | Brazos R at Waco, TX | 31°32'09" | 97°04'23" | 20,007 | 844 | 4.99 | 308 | 670 | 1.25 | 2.18 | 349.34 |
| 08098290 | Brazos R nr Highbank, TX | 31°08'02" | 96°49'29" | 20,870 | 1,040 | 3.84 | 345 | 564 | 1.88 | 1.63 | 249.29 |
| 08099100 | Leon R nr De Leon, TX | 32°10'25" | 98°31'58" | 479 | 1.0 | 1.5 | 12 | 2.81 | .32 | .23 | 1,209.93 |
| 08099300 | Sabana R nr De Leon, TX | 32°06'50" | 98°36'19" | 264 | 1.3 | 2.82 | 17.5 | 4.4 | .29 | .25 | 1,209.59 |
| 08100000 | Leon R nr Hamilton, TX | 31°47'19" | 98°07'16" | 1,891 | 18 | 5.83 | 24 | 18.3 | 1.03 | .76 | 955.38 |
| 08100500 | Leon R at Gatesville, TX | 31°25'58" | 97°45'42" | 2,342 | 48 | 2.64 | 38 | 40 | 1.24 | 1.05 | 723.85 |
| 08101000 | Cowhouse Cr at Pidcoke, TX | 31°17'05" | 97°53'05" | 455 | 6.5 | 3.48 | 18.9 | 8.74 | .70 | .46 | 736.71 |
| 08102500 | Leon R nr Belton, TX | 31°04'12" | 97°26'28" | 3,542 | 44 | 3.82 | 60 | 35.8 | 1.14 | .60 | 476.68 |
| 08103800 | Lampasas R nr Kempner, TX | 31°04'54" | 98°00'59" | 818 | 32 | 3.53 | 59 | 25.8 | 1.25 | .44 | 828.38 |
| 08103900 | South Fk Rocky Cr nr Briggs, TX | 30°54'41" | 98°02'12" | 33.3 | .71 | 1.18 | 5.0 | 1.01 | .66 | .20 | 955.8 |
| 08104100 | Lampasas R nr Belton, TX | 31°00'06" | 97°29'32" | 1,321 | 13 | 5.17 | 28 | 11.3 | 1.18 | .40 | 476.58 |
| 08104500 | Little R nr Little River, TX | 30°57'59" | 97°20'45" | 5,228 | 272 | 3.31 | 85 | 167 | 1.61 | 1.96 | 400.11 |
| 08104700 | North Fk San Gabriel R nr Georgetown, TX | 30°39'42" | 97°42'40" | 248 | 6.8 | 4.2 | 11.2 | 4.6 | 1.46 | .41 | 689.06 |
| 08104900 | South Fk San Gabriel R at Georgetown, TX | 30°37'32" | 97°41'27" | 133 | 13 | 2.12 | 21 | 11.6 | 1.06 | .55 | 687.72 |
| 08105100 | Berry Cr nr Georgetown, TX | 30°41'28" | 97°39'21" | 83.1 | 4.8 | 2.95 | 20 | 3.89 | 1.21 | .19 | 659.97 |
| 08105700 | San Gabriel R at Laneport, TX | 30°41'39" | 97°16'43" | 738 | 36 | 5.34 | 40 | 25.8 | 1.48 | .65 | 412.6 |
| 08106350 | Little R nr Rockdale, TX | 30°45'38" | 97°00'49" | 6,959 | 185 | 4.86 | 60.5 | 87.1 | 2.05 | 1.44 | 299.12 |
| 08106500 | Little R at Cameron, TX | 30°50'06" | 96°56'47" | 7,065 | 498 | 3.84 | 99 | 505 | .97 | 5.1 | 281.89 |
| 08108700 | Brazos R at SH 21 nr Bryan, TX | 30°37'36" | 96°32'38" | 29,483 | 1,540 | 10.33 | 215 | 1,400 | 1.04 | 6.51 | 188.65 |
| 08109700 | Middle Yegua Cr nr Dime Box, TX | 30°20'21" | 96°54'16" | 236 | 6.1 | 2.69 | 8.7 | 7.27 | .87 | .84 | 295.4 |
| 08109800 | East Yegua Cr nr Dime Box, TX | 30°24'26" | 96°49'02" | 244 | 11 | 1.91 | 18.3 | 23.5 | .51 | 1.28 | 284 |
| 08110100 | Davidson Cr nr Lyons, TX | 30°25'10" | 96°32'24" | 195 | 2.6 | 2.97 | 11.6 | 4.1 | .60 | .35 | 220.26 |
| 08110325 | Navasota R above Groesbeck, TX | 31°34'27" | 96°31'14" | 239 | 1.1 | 1.63 | 8.0 | 1.7 | .61 | .21 | 396.65 |
| 08110430 | Big Cr nr Freestone, TX | 31°30'24" | 96°19'28" | 97.2 | 3.3 | 3.65 | 10.8 | 5.4 | .62 | .50 | 362.94 |
| 08110500 | Navasota R nr Easterly, TX | 31°10'12" | 96°17'51" | 968 | 29 | 3.97 | 27 | 25.2 | 1.1 | .93 | 271.46 |
| 08110800 | Navasota R at Old Spanish Rd nr Bryan, TX | 30°58'25" | 96°14'29" | 1,287 | 84 | 3.41 | 44.5 | 91.7 | .93 | 2.06 | 245 |
| 08111500 | Brazos R nr Hempstead, TX | 30°07'44" | 96°11'15" | 34,314 | 2,530 | 14.74 | 280 | 2,940 | .87 | 10.5 | 107.9 |
| 08111700 | Mill Cr nr Bellville, TX | 29°52'51" | 96°12'18" | 376 | 36 | 4.83 | 25.5 | 24.8 | 1.42 | .97 | 122.82 |
| 08114000 | Brazos R at Richmond, TX | 29°34'56" | 95°45'27" | 35,441 | 2,950 | 12.96 | 242 | 2,580 | 1.15 | 10.66 | 27.94 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|--------------------------------------|------------|------------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 08115000 | Big Cr nr Needville, TX | 29°28'35" | 95°48'45" | 42.8 | 1.7 | 6.44 | 9.43 | 3.53 | 0.48 | 0.37 | 59.39 |
| 08116650 | Brazos R nr Rosharon, TX | 29°20'58" | 95°34'56" | 35,773 | 3,430 | 11.78 | 170 | 1,580 | 2.18 | 9.29 | 0 |
| 08117500 | San Bernard R nr Boling, TX | 29°18'48" | 95°53'37" | 727 | 126 | 4.4 | 57.5 | 117 | 1.04 | 2.03 | 30.81 |
| 08117995 | Colorado R nr Gail, TX | 32°37'43" | 101°17'06" | 498 | 0 | -- | -- | -- | -- | -- | 2,240 |
| 08120700 | Colorado R nr Cuthbert, TX | 32°28'38" | 100°56'58" | 1,531 | 4.0 | 2.13 | 11 | 4.58 | .82 | .42 | 2,073.49 |
| 08121000 | Colorado R at Colorado City, TX | 32°23'33" | 100°52'42" | 1,585 | .52 | 2.56 | 3.0 | .60 | .82 | .20 | 2,030.16 |
| 08123800 | Beals Cr nr Westbrook, TX | 32°11'57" | 101°00'49" | 1,988 | 2.1 | 1.94 | 10.4 | 3.82 | .58 | .37 | 2,048.74 |
| 08123850 | Colorado R above Silver, TX | 32°03'13" | 100°45'42" | 4,650 | 8.7 | 1.92 | 33 | 20.4 | .42 | .62 | 1,907.66 |
| 08124000 | Colorado R at Robert Lee, TX | 31°53'07" | 100°28'49" | 5,047 | .69 | 1.14 | 5.3 | 1.26 | .58 | .24 | 1,771.7 |
| 08126380 | Colorado R nr Ballinger, TX | 31°42'55" | 100°01'34" | 6,098 | 14 | 4.29 | 34 | 14.1 | 1.0 | .41 | 1,606.51 |
| 08127000 | Elm Cr at Ballinger, TX | 31°44'57" | 99°56'51" | 450 | 2.7 | 3.84 | 21 | 3.73 | .66 | .18 | 1,617.72 |
| 08128000 | South Concho R at Christoval, TX | 31°11'13" | 100°30'06" | 354 | 14 | 1.97 | 16.5 | 14.2 | .98 | .86 | 2,010.22 |
| 08128400 | Middle Concho R above Tankersley, TX | 31°25'38" | 100°42'39" | 1,116 | 1.5 | 6.44 | 5.7 | 1.5 | .99 | .26 | 1,986.47 |
| 08129300 | Spring Cr above Tankersley, TX | 31°19'48" | 100°38'14" | 405 | 5.8 | 4.04 | 15.5 | 6.14 | .94 | .40 | 1,964.72 |
| 08130500 | Dove Cr at Knickerbocker, TX | 31°16'26" | 100°37'50" | 218 | 10 | 3.13 | 17 | 14.4 | .69 | .85 | 2,001.45 |
| 08133500 | North Concho R at Sterling City, TX | 31°49'48" | 100°59'36" | 568 | 0 | -- | -- | -- | -- | -- | 2,242.36 |
| 08134000 | North Concho R nr Carlsbad, TX | 31°35'33" | 100°38'12" | 1,191 | 1.5 | 4.88 | 12 | 2.36 | .69 | .20 | 1,968.02 |
| 08136000 | Concho R at San Angelo, TX | 31°27' 16" | 100°24'37" | 4,411 | 7.3 | 1.6 | 7.0 | 3.9 | 1.91 | .56 | 1,776.79 |
| 08136500 | Concho R at Paint Rock, TX | 31°30'57" | 99°55'09" | 6,574 | 26 | 12.84 | 32 | 23.6 | 1.15 | .74 | 1,574.36 |
| 08136700 | Colorado R nr Stacy, TX | 31°29'37" | 99°34'25" | 12,802 | 46 | 4.47 | 51 | 28.2 | 1.73 | .55 | 1,394.66 |
| 08138000 | Colorado R at Winchell, TX | 31°28'04" | 99°09'43" | 25,179 | 60 | 2.91 | 131 | 81.3 | .74 | .62 | 1,264.86 |
| 08143600 | Pecan Bayou nr Mullin, TX | 31°31'02" | 98°44'25" | 2,073 | 15 | .92 | 29.2 | 20.7 | .73 | .71 | 1,202.93 |
| 08144500 | San Saba R at Menard, TX | 30°55'08" | 99°47'07" | 1,128 | 23 | 3.45 | 56 | 33.4 | .72 | .60 | 1,863.05 |
| 08144600 | San Saba R nr Brady, TX | 31°00'14" | 99°16'07" | 1,626 | 40 | 2.32 | 71 | 38.8 | 1.02 | .55 | 1,530.98 |
| 08146000 | San Saba R at San Saba, TX | 31°12'47" | 98°43'09" | 3,039 | 88 | 3.27 | 58 | 91.6 | .97 | 1.58 | 1,162.16 |
| 08147000 | Colorado R nr San Saba, TX | 31°13'04" | 98°33'51" | 19,819 | 225 | 2.65 | 136 | 88.1 | 2.46 | .65 | 1,096.22 |
| 08150000 | Llano R nr Junction, TX | 30°30'15" | 99°44'03" | 1,849 | 99 | .48 | 73 | 54.2 | 1.82 | .74 | 1,636.32 |
| 08150700 | Llano R nr Mason, TX | 30°39'38" | 99°06'32" | 3,242 | 179 | .82 | 65 | 158 | 1.13 | 2.43 | 1,230.36 |
| 08150800 | Beaver Cr nr Mason, TX | 30°38'36" | 99°05'44" | 215 | 3.2 | 1.24 | 19 | 7.35 | .45 | .39 | 1,253.24 |
| 08151500 | Llano R at Llano, TX | 30°45'04" | 98°40'10" | 4,192 | 157 | 1.42 | 174 | 195 | .81 | 1.12 | 970.01 |
| 08152000 | Sandy Cr nr Kingsland, TX | 30°33'27" | 98°18'19" | 346 | 12 | 5.16 | 32.8 | 8.74 | 1.4 | .27 | 862.31 |
| 08152900 | Pedernales R nr Fredericksburg, TX | 30°13'13" | 98°52'10" | 369 | 22 | 3.34 | 43 | 13 | 1.6 | .30 | 1,564.96 |
| 08153500 | Pedernales R nr Johnson City, TX | 30°17'30" | 98°13'57" | 901 | 51 | 10.47 | 34 | 38.3 | 1.28 | 1.13 | 1,096.7 |
| 08154700 | Bull Cr at Loop 360 nr Austin, TX | 30°22'19" | 97°47'04" | 22.3 | 4.2 | 2.69 | 8.5 | 4.16 | 1.08 | .49 | 534.08 |
| 08155200 | Barton Cr at SH 71 nr Oak Hill, TX | 30°17'46" | 97°55'31" | 89.7 | 4.6 | 2.6 | 20.8 | 7.47 | .65 | .36 | 737.04 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|---|-----------|-----------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 08155240 | Barton Cr at Lost Cr Blvd nr Austin, TX | 30°16'26" | 97°50'40" | 107 | 6.5 | 2.14 | 25 | 12.1 | 0.55 | 0.48 | 600 |
| 08155300 | Barton Cr at Loop 360, Austin, TX | 30°14'40" | 97°48'07" | 116 | 0 | -- | -- | -- | -- | -- | 510.32 |
| 08156800 | Shoal Cr at West 12th St, Austin, TX | 30°16'35" | 97°45'00" | 12.3 | .02 | 1.99 | 2.0 | .08 | .24 | .04 | 455.33 |
| 08157600 | East Bouldin Cr at South 1st St, Austin, TX | 30°15'07" | 97°45'14" | 2.4 | .3 | 1.14 | 3.4 | .29 | 1.0 | .09 | -- |
| 08157700 | Blunn Cr nr Little Stacy Park, Austin, TX | 30°14'50" | 97°44'37" | 1.2 | .21 | .81 | 2.08 | .29 | .73 | .14 | -- |
| 08158000 | Colorado R at Austin, TX | 30°14'40" | 97°41'39" | 27,606 | 1,140 | 3.74 | 305 | 1,150 | .97 | 3.77 | 402.27 |
| 08158050 | Boggy Cr at US 183, Austin, TX | 30°15'47" | 97°40'20" | 13.1 | .29 | 5.18 | 2.7 | .45 | .64 | .17 | 411.29 |
| 08158600 | Walnut Cr at Webberville Rd, Austin, TX | 30°16'59" | 97°39'17" | 51.3 | 7.5 | 4.39 | 10.5 | 5.1 | 1.57 | .49 | 425.96 |
| 08158700 | Onion Cr nr Driftwood, TX | 30°04'58" | 98°00'27" | 124 | 9.6 | .92 | 31.5 | 8.08 | 1.14 | .26 | 878.13 |
| 08158810 | Bear Cr below FM 1826 nr Driftwood, TX | 30°09'19" | 97°56'23" | 12.2 | 1.2 | 0 | 5.4 | 1.93 | .64 | .36 | 860 |
| 08158840 | Slaughter Cr at FM 1826 nr Austin, TX | 30°12'32" | 97°54'11" | 8.24 | .39 | 3.9 | 7.8 | 1.1 | .32 | .14 | 876.14 |
| 08158922 | Williamson Cr at Brush Country Blvd, Oak Hill, TX | 30°13'34" | 97°50'28" | 6.79 | 0 | -- | -- | -- | -- | -- | 740.25 |
| 08158930 | Williamson Cr at Manchaca Rd, Austin, TX | 30°13'16" | 97°47'36" | 19 | 0 | -- | -- | -- | -- | -- | 618.39 |
| 08159000 | Onion Cr at US 183, Austin, TX | 30°10'40" | 97°41'18" | 321 | 6.3 | 5.26 | 9.8 | 6.7 | .92 | .68 | 442.85 |
| 08159200 | Colorado R at Bastrop, TX | 30°06'16" | 97°19'09" | 28,576 | 1,570 | 4.31 | 270 | 1,340 | 1.17 | 4.96 | 307.38 |
| 08159500 | Colorado R at Smithville, TX | 30°00'45" | 97°09'42" | 27,000 | 1,640 | 3.9 | 240 | 1,186 | 1.44 | 4.94 | 270.14 |
| 08160400 | Colorado R above La Grange, TX | 29°54'44" | 96°54'13" | 29,471 | 1,520 | 5.78 | 229 | 815 | 1.84 | 3.57 | 210.04 |
| 08160800 | Redgate Cr nr Columbus, TX | 29°47'56" | 96°31'55" | 17.3 | .88 | 9.84 | 4.5 | 1.04 | .81 | .23 | 210.82 |
| 08161000 | Colorado R at Columbus, TX | 29°42'22" | 96°32'12" | 30,327 | 1,630 | 12.15 | 230 | 1,393 | 1.1 | 6.06 | 155.52 |
| 08162000 | Colorado R at Wharton, TX | 29°18'32" | 96°06'13" | 30,600 | 1,330 | 11.16 | 209 | 644 | 2.03 | 3.08 | 52.42 |
| 08162500 | Colorado R nr Bay City, TX | 28°58'26" | 96°00'44" | 30,837 | 909 | 5.52 | 150 | 747 | 1.24 | 4.98 | 0 |
| 08162600 | Tres Palacios R nr Midfield, TX | 28°55'40" | 96°10'15" | 145 | 23 | 3.67 | 19 | 13.8 | 1.7 | .73 | 5.38 |
| 08164000 | Lavaca R nr Edna, TX | 28°57'35" | 96°41'10" | 817 | 54 | 4.51 | 48 | 58.1 | .92 | 1.21 | 14.1 |
| 08164300 | Navidad R nr Hallettsville, TX | 29°28'00" | 96°48'45" | 332 | 22 | 5.15 | 39 | 22.2 | .98 | .57 | 159.28 |
| 08164350 | Navidad R nr Speaks, TX | 29°19'18" | 96°42'32" | 437 | 30 | 3.71 | 29 | 22.6 | 1.35 | .78 | 120 |
| 08164370 | Navidad R at Morales, TX | 29°08'07" | 96°44'39" | 549 | 58 | 7.69 | 40 | 94.5 | .61 | 2.36 | 65.44 |
| 08164390 | Navidad R at Strane Park nr Edna, TX | 29°03'55" | 96°40'26" | 579 | 66 | 5.49 | 42.5 | 52.6 | 1.24 | 1.24 | 42.53 |
| 08164450 | Sandy Cr nr Ganado, TX | 29°09'36" | 96°32'46" | 289 | 21 | 5.89 | 29 | 19 | 1.19 | .66 | 59.72 |
| 08164503 | West Mustang Cr nr Ganado, TX | 29°04'17" | 96°28'01" | 178 | 23 | 5.53 | 40 | 48.5 | .44 | 1.21 | 40.12 |
| 08164504 | East Mustang Cr nr Louise, TX | 29°04'14" | 96°25'01" | 90.8 | 3.6 | 4.46 | 7.0 | 2.15 | 1.64 | .31 | 43.02 |
| 08164600 | Garcitas Cr nr Inez, TX | 28°53'28" | 96°49'08" | 91.7 | 3.2 | 4.94 | 8.4 | 3.43 | .93 | .41 | 29.16 |
| 08164800 | Placedo Cr nr Placedo, TX | 28°43'30" | 96°46'07" | 68.3 | 1.6 | 5.18 | 9.4 | 3.0 | .51 | .32 | 5.58 |
| 08165300 | North Fk Guadalupe R nr Hunt, TX | 30°03'50" | 99°23'12" | 169 | 24 | 1.75 | 35 | 36.1 | .65 | 1.03 | 1,800.1 |
| 08165500 | Guadalupe R at Hunt, TX | 30°04'11" | 99°19'17" | 288 | 49 | 7.88 | 42 | 29.7 | 1.67 | .71 | 1,722.7 |
| 08166000 | Johnson Cr nr Ingram, TX | 30°06'00" | 99°16'58" | 114 | 14 | .53 | 38 | 32.1 | .45 | .84 | 1,721.3 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|--|-----------|-----------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 08166140 | Guadalupe R above Bear Cr at Kerrville, TX | 30°04'10" | 99°11'42" | 494 | 81 | 2.99 | 133 | 68.3 | 1.16 | 0.51 | 1,630 |
| 08166200 | Guadalupe R at Kerrville, TX | 30°03'11" | 99°09'47" | 510 | 96 | 1.8 | 143 | 63.6 | 1.44 | .44 | 1,601 |
| 08167000 | Guadalupe R at Comfort, TX | 29°58'10" | 98°53'33" | 839 | 131 | 2.47 | 35 | 43 | 3.16 | 1.23 | 1,369.83 |
| 08167500 | Guadalupe R nr Spring Branch, TX | 29°51'37" | 98°13'00" | 1,315 | 199 | 2.92 | 73 | 134 | 1.5 | 1.84 | 948.1 |
| 08167800 | Guadalupe R at Sattler, TX | 29°51'32" | 98°10'47" | 1,436 | 215 | 4.86 | 83 | 165 | 1.28 | 1.99 | 742.24 |
| 08168500 | Guadalupe R above Comal R at New Braunfels, TX | 29°42'53" | 98°06'35" | 1,518 | 287 | 2.34 | 104 | 253 | 1.13 | 2.43 | 586.65 |
| 08169000 | Comal R at New Braunfels, TX | 29°42'21" | 98°07'20" | 130 | 308 | 4.2 | 93 | 161 | 1.86 | 1.73 | 582.8 |
| 08170500 | San Marcos R at San Marcos, Tx | 29°53'20" | 97°56'02" | 93 | 162 | 5.21 | 79 | 73.4 | 2.22 | .93 | 557.67 |
| 08171000 | Blanco R at Wimberley, TX | 29°59'39" | 98°05'19" | 355 | 53 | 3.84 | 112 | 89.1 | .59 | .80 | 797.23 |
| 08171300 | Blanco R nr Kyle, TX | 29°58'45" | 97°54'35" | 412 | 52 | 4.88 | 40.2 | 22.3 | 2.39 | .55 | 620.12 |
| 08172000 | San Marcos R at Luling, TX | 29°39'58" | 97°39'02" | 838 | 234 | 6.88 | 66 | 103 | 2.23 | 1.56 | 322.05 |
| 08172400 | Plum Cr at Lockhart, TX | 29°55'22" | 97°40'44" | 112 | .35 | 1.31 | 3.0 | .42 | .81 | .14 | 431.19 |
| 08173900 | Guadalupe R at Gonzales, TX | 29°29'03" | 97°27'00" | 3,490 | 1,070 | 13.45 | 79 | 370 | 2.6 | 4.68 | 250 |
| 08175000 | Sandies Cr nr Westhoff, TX | 29°12'54" | 97°26'57" | 549 | 9.1 | 2.58 | 48.5 | 10.4 | .90 | .21 | 178.27 |
| 08175800 | Guadalupe R at Cuero, TX | 29°03'57" | 97°19'16" | 4,934 | 1,060 | 5.18 | 125 | 702 | 1.51 | 5.62 | 128.64 |
| 08176500 | Guadalupe R at Victoria, TX | 28°47'34" | 97°00'46" | 5,198 | 990 | 6.77 | 136 | 700 | 1.41 | 5.15 | 29.15 |
| 08176900 | Coleto Cr at Arnold Rd nr Schroeder, TX | 28°51'41" | 97°13'34" | 357 | 12 | 4.54 | 16.2 | 8.88 | 1.32 | .55 | 100.43 |
| 08177500 | Coleto Cr nr Victoria, TX | 28°43'51" | 97°08'18" | 514 | 5.0 | 2.79 | 17.7 | 5.92 | .90 | .33 | 44.18 |
| 08178050 | San Antonio R at Mitchell St, San Antonio, TX | 29°23'34" | 98°19'40" | 42.4 | 26 | .78 | 39 | 13.5 | 1.97 | .35 | 585.07 |
| 08178565 | San Antonio R at Loop 410 at San Antonio, TX | 29°19'19" | 98°17'00" | 125 | 43 | 6.14 | 33 | 21.4 | 2.08 | .65 | 488.11 |
| 08178700 | Salado Cr (Upper Station) at San Antonio, TX | 29°30'57" | 98°15'51" | 137 | .75 | 2.65 | 13 | 4.6 | .15 | .35 | 684.6 |
| 08178800 | Salado Cr (Lower Station) at San Antonio, TX | 29°21'25" | 98°14'45" | 189 | 22 | 6.89 | 18.5 | 17.9 | 1.28 | .97 | 526.95 |
| 08178880 | Medina R at Bandera, TX | 29°43'25" | 99°04'11" | 427 | 63 | 4.44 | 32 | 35.6 | 1.78 | 1.11 | 1,189.46 |
| 08180640 | Medina R at La Coste, TX | 29°19'26" | 98°48'46" | 805 | 43 | 5.81 | 36 | 70.1 | .65 | 1.95 | 667.15 |
| 08180700 | Medina R nr MacDona, TX | 29°20'05" | 98°41'22" | 885 | 54 | 2.89 | 47 | 23.4 | 2.38 | .50 | 589.86 |
| 08180800 | Medina R nr Somerset, TX | 29°15'43" | 98°34'52" | 967 | 77 | 5.08 | 34 | 71.1 | 1.09 | 2.09 | 493.56 |
| 08181400 | Helotes Cr at Helotes, TX | 29°34'42" | 98°41'29" | 15 | 0 | -- | -- | -- | -- | -- | 1,014.82 |
| 08181480 | Leon Cr at IH-35 at San Antonio, TX | 29°19'47" | 98°35'02" | 219 | 7.9 | 3.1 | 27 | 11.5 | .71 | .43 | 573.49 |
| 08181500 | Medina R at San Antonio, TX | 29°15'14" | 98°18'10" | 1,317 | 96 | 5.25 | 38 | 67.6 | 1.4 | 1.78 | 439 |
| 08181800 | San Antonio R nr Elmendorf, TX | 29°13'19" | 98°11'20" | 1,743 | 316 | 12.23 | 53 | 305 | 1.04 | 5.75 | 380 |
| 08183500 | San Antonio R nr Falls City, TX | 28°57'05" | 98°03'50" | 2,113 | 249 | 1.26 | 102 | 121 | 2.07 | 1.19 | 285.49 |
| 08183850 | Cibolo Cr at IH-10 above Boerne, TX | 29°48'52" | 98°45'12" | 29 | 3.5 | 1.28 | 32 | 9.11 | .39 | .28 | 1,428.5 |
| 08185000 | Cibolo Cr at Selma, TX | 29°35'38" | 98°18'39" | 274 | 0 | -- | -- | -- | -- | -- | 728.34 |
| 08186000 | Cibolo Cr nr Falls City, TX | 29°00'50" | 97°55'48" | 827 | 27 | 1.37 | 40 | 34 | .78 | .85 | 827 |
| 08188500 | San Antonio R at Goliad, TX | 28°38'58" | 97°23'04" | 3,921 | 331 | 4.56 | 82 | 216 | 1.54 | 2.63 | 91.08 |

Table 3. Median streamflow and associated hydraulic characteristics for streamflow-gaging stations in Texas—Continued

| Station no. | Station name | Latitude | Longitude | Contributing drainage area (mi ²) | Characteristics for median streamflow | | | | | | Elevation of datum of gage |
|-------------|--|-----------|------------|---|---------------------------------------|------------------|-------------------|---------------------------------------|---------------|------------|----------------------------|
| | | | | | Streamflow (ft ³ /s) | Gage height (ft) | Stream width (ft) | Cross section area (ft ²) | Mean velocity | Mean depth | |
| 08189200 | Copano Cr nr Refugio, TX | 28°18'12" | 97°06'44" | 87.8 | 0.07 | 2.89 | 1.0 | 0.18 | 0.39 | 0.18 | 17.25 |
| 08189500 | Mission R at Refugio, TX | 28°17'30" | 97°16'44" | 690 | 11 | 2.38 | 33.5 | 19.6 | .56 | .59 | 1.0 |
| 08189700 | Aransas R nr Skidmore, TX | 28°16'56" | 97°37'14" | 247 | 4.0 | .64 | 7.2 | 3.74 | 1.07 | .52 | 72.37 |
| 08190000 | Nueces R at Laguna, TX | 29°25'42" | 99°59'49" | 737 | 77 | 3.72 | 79.3 | 84.1 | .92 | 1.06 | 1,119.72 |
| 08190500 | West Nueces R nr Bracketville, TX | 29°28'21" | 100°14'10" | 694 | .03 | 1.08 | 1.0 | .08 | .45 | .08 | 1,326.79 |
| 08192000 | Nueces R below Uvalde, TX | 29°07'25" | 99°53'40" | 1,861 | 27 | 2.84 | 56.5 | 34.2 | .78 | .61 | 796.12 |
| 08193000 | Nueces R nr Asherton, TX | 28°30'00" | 99°40'54" | 4,082 | .26 | 1.52 | 6.0 | 1.12 | .24 | .19 | 470.92 |
| 08194000 | Nueces R at Cotulla, TX | 28°25'34" | 99°14'23" | 5,171 | .61 | 7.56 | 13 | 1.13 | .55 | .09 | 368.08 |
| 08194200 | San Casimiro Cr nr Freer, TX | 27°57'53" | 98°58'00" | 469 | 0 | -- | -- | -- | -- | -- | 298 |
| 08194500 | Nueces R nr Tilden, TX | 28°18'31" | 98°33'25" | 8,093 | 7.3 | 2.53 | 21 | 9.88 | .70 | .47 | 183.5 |
| 08195000 | Frio R at Concan, TX | 29°29'18" | 99°42'16" | 389 | 69 | 3.72 | 78 | 68.2 | 1.01 | .87 | 1,203.71 |
| 08196000 | Dry Frio R nr Reagan Wells, TX | 29°30'16" | 99°46'52" | 126 | 15 | 2.1 | 45 | 35.5 | .42 | .79 | 1,335.2 |
| 08197500 | Frio R below Dry Frio R nr Uvalde, Tx | 29°14'44" | 99°40'27" | 631 | 0 | -- | -- | -- | -- | -- | 882.47 |
| 08198000 | Sabinal R nr Sabinal, TX | 29°29'27" | 99°29'33" | 206 | 26 | 4.94 | 37.3 | 27.9 | .90 | .75 | 1,131.2 |
| 08198500 | Sabinal R at Sabinal, TX | 29°18'05" | 99°28'46" | 241 | 1.6 | 3.11 | 10.3 | 5.84 | .26 | .57 | 882.17 |
| 08200000 | Hondo Cr nr Tarpley, TX | 29°34'10" | 99°14'47" | 95.6 | 12 | .25 | 39 | 22.6 | .50 | .58 | 1,169.1 |
| 08200700 | Hondo Cr at King Waterhole nr Hondo, TX | 29°23'26" | 99°09'04" | 149 | 0 | -- | -- | -- | -- | -- | 897.87 |
| 08201500 | Seco Cr at Miller Ranch nr Utopia, TX | 29°34'23" | 99°24'10" | 45 | 5.6 | 1.58 | 36.6 | 12 | .46 | .33 | 1,265.8 |
| 08202700 | Seco Cr at Rowe Ranch nr D'Hanis, TX | 29°21'43" | 99°17'05" | 168 | 0 | -- | -- | -- | -- | -- | 900.88 |
| 08205500 | Frio R nr Derby, TX | 28°44'11" | 99°08'40" | 9,429 | 5.4 | .74 | 13.5 | 10.3 | .52 | .76 | 449.11 |
| 08206600 | Frio R at Tilden, TX | 28°28'02" | 98°32'50" | 4,493 | 28 | 2.72 | 26 | 20.8 | 1.34 | .80 | 216.04 |
| 08206700 | San Miguel Cr nr Tilden, TX | 28°35'14" | 98°32'44" | 783 | 2.0 | 2.13 | 9.5 | 2.58 | .71 | .27 | 242.95 |
| 08206910 | Choke Canyon Reservoir OWC nr Three Rivers, TX | 28°29'09" | 98°14'29" | 5,490 | 34 | 4.47 | 26 | 18.1 | 1.89 | .70 | 124.6 |
| 08208000 | Atascosa R at Whitsett, TX | 28°37'19" | 98°16'52" | 1,171 | 11 | 2.27 | 21 | 14.2 | .77 | .68 | 159.04 |
| 08210000 | Nueces R nr Three Rivers, TX | 28°25'38" | 97°10'40" | 15,427 | 92 | 2.11 | 43 | 55.5 | 1.66 | 1.29 | 99.26 |
| 08211000 | Nueces R nr Mathis, TX | 28°02'17" | 97°51'36" | 16,660 | 131 | 1.53 | 58 | 115 | 1.14 | 1.98 | 26.53 |
| 08211200 | Nueces R at Bluntzer, TX | 27°56'15" | 97°46'32" | 16,772 | 164 | 7.75 | 63 | 255 | .64 | 4.05 | 0 |
| 08211500 | Nueces R at Calallen, TX | 27°52'34" | 97°37'32" | 16,920 | 13 | 4.66 | 148.5 | 13.13 | 1.04 | .09 | .84 |
| 08211520 | Oso Cr at Corpus Christi, TX | 27°42'40" | 97°30'06" | 90.3 | 2.3 | 4.83 | 12.5 | 9.49 | .24 | .76 | -1.91 |
| 08211900 | San Fernando Cr at Alice, TX | 27°46'20" | 98°02'00" | 507 | 2.0 | 1.01 | 10 | 2.93 | .68 | .29 | 161.68 |
| 08212400 | Los Olmos Cr nr Falfurrias, TX | 27°15'51" | 98°08'08" | 476 | 0 | -- | -- | -- | -- | -- | 116.58 |
| 08446500 | Pecos R nr Girvin, TX | 31°06'47" | 102°25'02" | 29,560 | 28 | 1.51 | 30 | 32.5 | .85 | 1.08 | 2,269.65 |

Table 4. Gains and losses from gain-loss studies in Texas

[ft³/s, cubic feet per second; mi, miles; --, not applicable; SCS, Soil Conservation Service; ft, feet; IBWC, International Boundary and Water Commission]

Note: Eight digit streamflow-gaging stations used to identify some subreaches

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 1 | 30°52'47" | 97°55'11" | -- | -- | 0 | 4.9 | 30.5 | at US 183 bridge |
| 1 | 30°50'34" | 97°51'32" | -- | -- | 0 | 3.2 | 25.6 | |
| 1 | 30°48'37" | 97°49'32" | -- | -- | .05 | 3.0 | 22.4 | |
| 1 | 30°46'44" | 97°47'45" | -- | -- | -.05 | 2.5 | 19.4 | |
| 1 | 30°45'49" | 97°45'13" | Edwards | -- | -.12 | 2.5 | 16.9 | |
| 1 | 30°44'51" | 97°43'55" | Edwards | -- | -.02 | 1.6 | 14.4 | |
| 1 | 30°43'38" | 97°44'26" | Edwards | -- | 0 | 1.3 | 12.8 | |
| 1 | 30°43'05" | 97°43'43" | Edwards | -- | -.83 | 6.6 | 11.5 | |
| 1 | 30°42'11" | 97°39'58" | Edwards | -- | .18 | 1.3 | 4.9 | |
| 1 | 30°41'27" | 97°39'18" | -- | -- | 3.04 | 3.2 | 3.6 | |
| 2 | 30°52'47" | 97°55'11" | -- | -- | 0 | 4.9 | 30.5 | at US 183 bridge |
| 2 | 30°50'34" | 97°51'32" | -- | -- | 0 | 3.2 | 25.6 | |
| 2 | 30°48'37" | 97°49'32" | -- | -- | 0 | 3.0 | 22.4 | |
| 2 | 30°46'44" | 97°47'45" | -- | -- | 0 | 2.5 | 19.4 | |
| 2 | 30°45'49" | 97°45'13" | Edwards | -- | 0 | 2.5 | 16.9 | |
| 2 | 30°44'51" | 97°43'55" | Edwards | -- | 0 | 1.6 | 14.4 | |
| 2 | 30°43'38" | 97°44'26" | Edwards | -- | 0 | 1.3 | 12.8 | |
| 2 | 30°43'05" | 97°43'43" | Edwards | -- | -.21 | 6.6 | 11.5 | |
| 2 | 30°42'11" | 97°39'58" | Edwards | -- | 0 | 1.3 | 4.9 | |
| 2 | 30°41'27" | 97°39'18" | -- | -- | 0 | 3.2 | 3.6 | |
| 3 | 30°52'47" | 97°55'11" | -- | -- | 4.19 | 4.9 | 30.5 | at US 183 bridge |
| 3 | 30°50'34" | 97°51'32" | -- | -- | 5.34 | 3.2 | 25.6 | |
| 3 | 30°48'37" | 97°49'32" | -- | -- | 7.79 | 3.0 | 22.4 | |
| 3 | 30°46'44" | 97°47'45" | -- | -- | .8 | 2.5 | 19.4 | |
| 3 | 30°45'49" | 97°45'13" | Edwards | -- | .83 | 2.5 | 16.9 | |
| 3 | 30°44'51" | 97°43'55" | Edwards | -- | -9.26 | 1.6 | 14.4 | |
| 3 | 30°43'38" | 97°44'26" | Edwards | -- | -18.6 | 1.3 | 12.8 | |
| 3 | 30°43'05" | 97°43'43" | Edwards | -- | 20.5 | 6.6 | 11.5 | |
| 3 | 30°42'11" | 97°39'58" | Edwards | -- | 6.2 | 1.3 | 4.9 | |
| 3 | 30°41'27" | 97°39'18" | -- | -- | 13.5 | 3.2 | 3.6 | |
| 4 | 30°52'47" | 97°55'11" | -- | -- | .37 | 4.9 | 30.5 | at US 183 bridge |
| 4 | 30°50'34" | 97°51'32" | -- | -- | .77 | 3.2 | 25.6 | |
| 4 | 30°48'37" | 97°49'32" | -- | -- | .83 | 3.0 | 22.4 | |
| 4 | 30°46'44" | 97°47'45" | -- | -- | .56 | 2.5 | 19.4 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 4 | 30°45'49" | 97°45'13" | Edwards | -- | -2.87 | 2.5 | 16.9 | |
| 4 | 30°44'51" | 97°43'55" | Edwards | -- | -.54 | 1.6 | 14.4 | |
| 4 | 30°43'38" | 97°44'26" | Edwards | -- | 0 | 1.3 | 12.8 | |
| 4 | 30°43'05" | 97°43'43" | Edwards | -- | 4.69 | 6.6 | 11.5 | |
| 4 | 30°42'11" | 97°39'58" | Edwards | -- | 6.95 | 1.3 | 4.9 | |
| 4 | 30°41'27" | 97°39'18" | -- | -- | 10.99 | 3.2 | 3.6 | |
| 5 | 30°35'12" | 97°52'41" | -- | -- | .38 | 2.6 | 71.6 | 0.2 mi below SCS reservoir |
| 5 | 30°34'54" | 97°50'30" | Edwards | -- | .34 | 3.1 | 69 | |
| 5 | 30°34'25" | 97°47'22" | Edwards | -- | .2 | 3.2 | 65.9 | |
| 5 | 30°32'19" | 97°46'44" | Edwards | -- | 1.45 | 4.8 | 62.7 | |
| 5 | 30°31'19" | 97°42'44" | Edwards | -- | .72 | 2.1 | 57.9 | |
| 5 | 30°30'45" | 97°41'12" | -- | -- | -1.03 | 1.0 | 55.8 | |
| 5 | 30°30'59" | 97°39'43" | -- | -- | 3.99 | 4.0 | 54.8 | |
| 6 | 30°35'12" | 97°52'41" | -- | -- | 0 | 2.6 | 71.6 | 0.2 mi below SCS reservoir |
| 6 | 30°34'55" | 97°50'30" | Edwards | -- | -.08 | 3.1 | 69 | |
| 6 | 30°34'25" | 97°47'22" | Edwards | -- | 0 | 3.2 | 65.9 | |
| 6 | 30°32'19" | 97°46'44" | Edwards | -- | .02 | 4.8 | 62.7 | |
| 6 | 30°31'19" | 97°42'44" | Edwards | -- | -.02 | 2.1 | 57.9 | |
| 6 | 30°30'45" | 97°41'12" | -- | -- | 0 | 1.0 | 55.8 | |
| 6 | 30°30'57" | 97°40'18" | -- | -- | .15 | 4.0 | 54.8 | |
| 7 | 30°35'12" | 97°52'41" | -- | -- | 3.77 | 2.6 | 71.6 | 0.2 mi below SCS reservoir |
| 7 | 30°34'55" | 97°50'30" | Edwards | -- | 6.85 | 3.1 | 69 | |
| 7 | 30°34'25" | 97°47'22" | Edwards | -- | 3.34 | 3.2 | 65.9 | |
| 7 | 30°32'19" | 97°46'44" | Edwards | -- | 1.27 | 4.8 | 62.7 | |
| 7 | 30°31'19" | 97°42'44" | Edwards | -- | 18.6 | 2.1 | 57.9 | |
| 7 | 30°30'45" | 97°41'12" | -- | -- | -3.07 | 1.0 | 55.8 | |
| 7 | 30°30'57" | 97°40'18" | -- | -- | 17.29 | 4.0 | 54.8 | |
| 8 | 30°35'12" | 97°52'41" | -- | -- | .9 | 2.6 | 71.6 | 0.2 mi below SCS reservoir |
| 8 | 30°34'55" | 97°50'30" | Edwards | -- | .39 | 3.1 | 69 | |
| 8 | 30°34'25" | 97°47'22" | Edwards | -- | .25 | 3.2 | 65.9 | |
| 8 | 30°32'19" | 97°46'44" | Edwards | -- | .79 | 4.8 | 62.7 | |
| 8 | 30°31'19" | 97°42'44" | Edwards | -- | 1.46 | 2.1 | 57.9 | |
| 8 | 30°30'45" | 97°41'12" | -- | -- | 1.01 | 1.0 | 55.8 | |
| 8 | 30°30'57" | 97°40'18" | -- | -- | 1.77 | 4.0 | 54.8 | |
| 9 | 32°38'42" | 99°12'24" | -- | -- | .24 | 4.8 | 0 | county road crossing |
| 9 | 32°41'07" | 99°09'47" | -- | -- | -.27 | 3.5 | 4.8 | gaging station (08086100) |
| 9 | 32°43'55" | 99°08'25" | -- | -- | .2 | 3.4 | 8.3 | |
| 9 | 32°45'07" | 99°06'33" | -- | -- | -3.35 | 12.4 | 11.7 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 10 | 31°05'49" | 98°02'22" | Trinity | -- | -0.75 | 2.3 | 80.1 | 1 mi above mouth of Sulphur Creek |
| 10 | 31°04'37" | 98°00'45" | Trinity | -- | -1.38 | 12.9 | 77.8 | |
| 10 | 30°59'40" | 97°55'31" | Trinity | -- | .46 | 12.8 | 64.9 | |
| 10 | 30°58'39" | 97°47'51" | Trinity | -- | -.77 | 2.5 | 52.1 | |
| 10 | 30°58'19" | 97°46'37" | Trinity | -- | .34 | 8.0 | 49.6 | |
| 10 | 30°57'09" | 97°41'47" | Trinity | -- | -1.85 | 7.8 | 41.6 | |
| 10 | 30°59'08" | 97°39'06" | -- | -- | .76 | 11.8 | 33.8 | |
| 10 | 31°01'40" | 97°34'59" | -- | -- | -.46 | 2.8 | 22 | |
| 10 | 31°00'37" | 97°33'52" | Edwards | -- | .95 | 4.4 | 19.2 | |
| 10 | 31°01'14" | 97°30'43" | Edwards | -- | -1.99 | 2.2 | 14.8 | |
| 10 | 31°00'06" | 97°29'31" | Edwards | -- | -.81 | 12.3 | 12.6 | |
| 11 | 31°02'27" | 97°32'08" | Edwards | -- | 8.2 | 2.6 | 15.8 | 1,500 ft below Stillhouse Hollow Dam |
| 11 | 31°00'07" | 97°29'31" | Edwards | -- | 5.2 | 8.4 | 13.2 | gaging station (08001041) |
| 11 | 30°59'23" | 97°26'40" | Edwards | -- | 2.48 | 4.7 | 4.8 | |
| 12 | 31°06'19" | 97°28'21" | -- | -- | 3.36 | 4.4 | 16.7 | 300 ft below Belton Dam |
| 12 | 31°04'11" | 97°26'28" | -- | -- | -52.94 | 4.4 | 12.3 | |
| 12 | 31°02'02" | 97°26'11" | -- | -- | 52.06 | .2 | 7.9 | |
| 13 | 32°22'17" | 98°46'04" | -- | -- | -.26 | 5.2 | 0 | 300 ft below Olden Lake Dam |
| 13 | 32°21'52" | 98°42'56" | -- | -- | .01 | 1.4 | 5.2 | |
| 13 | 32°20'39" | 98°41'54" | -- | -- | -.22 | 5.4 | 6.6 | |
| 13 | 32°20'13" | 98°39'08" | -- | -- | 0 | 3.4 | 12 | |
| 13 | 32°17'53" | 98°38'31" | -- | -- | -.02 | 4.4 | 15.4 | |
| 13 | 32°15'17" | 98°36'11" | -- | -- | .32 | 3.8 | 19.8 | |
| 13 | 32°13'14" | 98°34'37" | Trinity | -- | -.11 | 9.0 | 23.6 | |
| 13 | 32°06'47" | 98°29'48" | Trinity | -- | .31 | 2.6 | 32.6 | |
| 13 | 32°04'34" | 98°29'30" | Trinity | -- | .29 | 5.8 | 35.2 | |
| 13 | 31°59'44" | 98°29'24" | Trinity | -- | -.06 | 4.5 | 41 | |
| 14 | 30°44'07" | 97°54'55" | Trinity | -- | .73 | 4.0 | 82.5 | 50 ft below county road crossing |
| 14 | 30°41'59" | 97°52'27" | Trinity | -- | .23 | 1.0 | 78.5 | |
| 14 | 30°41'56" | 97°51'32" | Trinity | -- | -.22 | .9 | 77.5 | |
| 14 | 30°41'51" | 97°50'43" | Trinity | -- | .34 | 2.5 | 76.6 | |
| 14 | 30°41'26" | 97°48'45" | Edwards | -- | 1.81 | 4.6 | 74.1 | |
| 14 | 30°40'19" | 97°45'01" | Edwards | -- | .6 | 2.6 | 69.5 | |
| 14 | 30°39'44" | 97°43'02" | Edwards | -- | .16 | 1.4 | 66.9 | |
| 15 | 30°44'07" | 97°54'55" | Trinity | -- | 0 | 4.0 | 82.5 | 50 ft below county road crossing |
| 15 | 30°42'10" | 97°52'36" | Trinity | -- | 0 | 1.0 | 78.5 | |
| 15 | 30°41'56" | 97°51'32" | Trinity | -- | 0 | .9 | 77.5 | |
| 15 | 30°41'51" | 97°50'43" | Trinity | -- | .03 | 2.5 | 76.6 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 15 | 30°41'26" | 97°48'45" | Edwards | -- | 0.3 | 4.6 | 74.1 | |
| 15 | 30°40'19" | 97°45'01" | Edwards | -- | -.12 | 2.6 | 69.5 | |
| 15 | 30°39'44" | 97°43'02" | Edwards | -- | -.14 | 1.4 | 66.9 | |
| 16 | 30°44'07" | 97°54'55" | Trinity | -- | .4 | 4.0 | 82.5 | 50 ft below county road crossing |
| 16 | 30°42'10" | 97°52'36" | Trinity | -- | 4.4 | 1.0 | 78.5 | |
| 16 | 30°41'56" | 97°51'32" | Trinity | -- | 7.0 | .9 | 77.5 | |
| 16 | 30°41'51" | 97°50'43" | Trinity | -- | 6.46 | 2.5 | 76.6 | |
| 16 | 30°41'26" | 97°48'45" | Edwards | -- | .42 | 4.6 | 74.1 | |
| 16 | 30°40'19" | 97°45'01" | Edwards | -- | 18.0 | 2.6 | 69.5 | |
| 16 | 30°39'44" | 97°43'02" | Edwards | -- | -2.94 | 1.4 | 66.9 | |
| 17 | 30°44'07" | 97°54'55" | Trinity | -- | 1.8 | 4.0 | 82.5 | 50 ft below county road crossing |
| 17 | 30°42'10" | 97°52'36" | Trinity | -- | 1.3 | 1.0 | 78.5 | |
| 17 | 30°41'56" | 97°51'32" | Trinity | -- | -3.6 | .9 | 77.5 | |
| 17 | 30°41'51" | 97°50'43" | Trinity | -- | 5.85 | 2.5 | 76.6 | |
| 17 | 30°41'26" | 97°48'45" | Edwards | -- | 1.42 | 4.6 | 74.1 | |
| 17 | 30°40'19" | 97°45'01" | Edwards | -- | 3.0 | 2.6 | 69.5 | |
| 17 | 30°39'44" | 97°43'02" | Edwards | -- | -.37 | 1.4 | 66.9 | |
| 18 | 30°42'11" | 97°52'37" | Trinity | -- | -.83 | 1.0 | 69 | at US 183 bridge |
| 18 | 30°41'56" | 97°51'32" | Trinity | -- | -.23 | .8 | 68 | |
| 18 | 30°41'51" | 97°50'43" | Trinity | -- | .71 | 2.8 | 67.2 | |
| 18 | 30°41'25" | 97°48'44" | Edwards | -- | 1.29 | 4.6 | 64.4 | |
| 18 | 30°40'43" | 97°46'29" | Edwards | -- | 1.04 | 5.2 | 59.8 | |
| 19 | 30°49'59" | 97°47'22" | Edwards | -- | 0 | 8.9 | 36 | at SH 195 |
| 19 | 30°49'36" | 97°41'38" | Edwards | -- | -.08 | 3.6 | 27.1 | |
| 19 | 30°49'35" | 97°38'36" | Edwards | -- | .47 | 3.0 | 23.5 | |
| 19 | 30°51'54" | 97°38'03" | Edwards | -- | 1.2 | 3.7 | 20.5 | |
| 19 | 30°53'49" | 97°36'52" | Edwards | -- | 2.53 | 6.6 | 16.8 | |
| 19 | 30°56'48" | 97°33'15" | Edwards | -- | 11.17 | .4 | 10.2 | |
| 20 | 30°51'05" | 97°48'18" | Edwards | -- | 0 | 8.9 | 36 | at SH 195 |
| 20 | 30°49'36" | 97°41'38" | Edwards | -- | 0 | 3.6 | 27.1 | |
| 20 | 30°49'35" | 97°38'36" | Edwards | -- | .11 | 3.0 | 23.5 | |
| 20 | 30°51'54" | 97°38'03" | Edwards | -- | .3 | 3.7 | 20.5 | |
| 20 | 30°53'49" | 97°36'52" | Edwards | -- | -.69 | 6.6 | 16.8 | |
| 20 | 30°56'48" | 97°33'15" | Edwards | -- | 9.24 | .4 | 10.2 | |
| 21 | 30°51'05" | 97°48'18" | Edwards | -- | 5.93 | 8.9 | 36 | at SH 195 |
| 21 | 30°49'36" | 97°41'38" | Edwards | -- | -7.61 | 3.6 | 27.1 | at County Road 232 |
| 21 | 30°49'35" | 97°38'36" | Edwards | -- | 2.24 | 3.0 | 23.5 | at County Road 309 |
| 21 | 30°51'54" | 97°38'03" | Edwards | -- | 13.64 | 3.7 | 20.5 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 21 | 30°53'49" | 97°36'52" | Edwards | -- | 23.8 | 6.6 | 16.8 | |
| 21 | 30°56'48" | 97°33'15" | Edwards | -- | 25.0 | .4 | 10.2 | |
| 22 | 30°51'05" | 97°48'18" | Edwards | -- | .41 | 8.9 | 36 | at SH 195 |
| 22 | 30°49'36" | 97°41'38" | Edwards | -- | -1.6 | 3.6 | 27.1 | at County Road 232 |
| 22 | 30°49'35" | 97°38'36" | Edwards | -- | 1.53 | 3.0 | 23.5 | at County Road 309 |
| 22 | 30°51'54" | 97°38'03" | Edwards | -- | 5.54 | 3.7 | 20.5 | |
| 22 | 30°53'49" | 97°36'52" | Edwards | -- | 7.11 | 6.6 | 16.8 | |
| 22 | 30°56'48" | 97°33'15" | Edwards | -- | 36.1 | .4 | 10.2 | |
| 23 | 32°40'39" | 99°16'49" | -- | -- | .88 | 4.1 | 8.3 | 8.3 mi above mouth |
| 23 | 32°41'00" | 99°16'05" | -- | -- | -.04 | 3.7 | 4.2 | gaging station (08086200) |
| 24 | 30°39'18" | 97°38'06" | -- | -- | -2.06 | 9.0 | 51.8 | gaging station (08105000) |
| 24 | 30°38'09" | 97°33'00" | -- | -- | 2.71 | 5.0 | 42.8 | |
| 24 | 30°37'52" | 97°28'13" | -- | -- | 1.7 | 2.2 | 37.8 | |
| 24 | 30°38'38" | 97°26'19" | -- | -- | 6.28 | 9.6 | 35.6 | SH 95 |
| 24 | 30°41'10" | 97°22'06" | -- | -- | 1.75 | 4.0 | 26 | |
| 24 | 30°41'39" | 97°16'42" | -- | -- | 2.7 | 6.0 | 22 | |
| 24 | 30°41'14" | 97°11'34" | -- | -- | -3.4 | 4.0 | 16 | FM 486 |
| 24 | 30°41'30" | 97°08'15" | -- | -- | -.84 | 2.4 | 12 | |
| 24 | 30°42'36" | 97°06'40" | -- | -- | 4.8 | 4.8 | 9.6 | |
| 24 | 30°43'38" | 97°02'18" | -- | -- | -3.1 | 2.0 | 4.8 | FM 487 |
| 25 | 30°37'14" | 97°51'38" | Edwards | -- | .4 | 5.4 | 12.8 | at US 183 |
| 25 | 30°36'56" | 97°47'01" | Edwards | -- | 1.21 | 4.4 | 7.4 | |
| 25 | 30°37'12" | 97°42'31" | Edwards | -- | -.23 | 3.0 | 3 | |
| 26 | 30°42'55" | 98°03'02" | Trinity | -- | .24 | 2.0 | 31.2 | at FM 1174 near Bertram |
| 26 | 30°42'09" | 98°01'52" | Trinity | -- | .11 | 3.1 | 29.2 | |
| 26 | 30°41'17" | 97°59'00" | Trinity | -- | .06 | 2.2 | 26.1 | |
| 26 | 30°40'31" | 97°57'45" | Trinity | -- | -.09 | 2.2 | 23.9 | |
| 26 | 30°39'32" | 97°56'13" | Trinity | -- | .25 | 2.3 | 21.7 | |
| 26 | 30°38'53" | 97°54'35" | Trinity | -- | .83 | 4.9 | 19.4 | |
| 26 | 30°37'14" | 97°51'38" | -- | -- | -.07 | 2.8 | 14.5 | |
| 26 | 30°36'42" | 97°49'07" | Edwards | -- | .25 | 3.0 | 11.7 | |
| 26 | 30°37'10" | 97°46'37" | Edwards | -- | -3.03 | 3.9 | 8.7 | |
| 26 | 30°37'13" | 97°43'38" | Edwards | -- | 1.78 | 1.0 | 4.8 | |
| 26 | 30°37'12" | 97°42'43" | Edwards | -- | 3.66 | 1.5 | 3.8 | |
| 26 | 30°37'34" | 97°41'35" | Edwards | -- | 1.1 | .8 | 2.3 | |
| 27 | 30°42'55" | 98°03'02" | Trinity | -- | 0 | 2.0 | 31.2 | at FM 1174 near Bertram |
| 27 | 30°42'09" | 98°01'52" | Trinity | -- | 0 | 3.1 | 29.2 | |
| 27 | 30°41'17" | 97°59'00" | Trinity | -- | .01 | 2.2 | 26.1 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 27 | 30°40'31" | 97°57'45" | Trinity | -- | -0.01 | 2.2 | 23.9 | |
| 27 | 30°39'32" | 97°56'13" | Trinity | -- | 0 | 2.3 | 21.7 | |
| 27 | 30°38'53" | 97°54'35" | Trinity | -- | 20.01 | 4.9 | 19.4 | |
| 27 | 30°37'14" | 97°51'38" | -- | -- | -20.01 | 2.8 | 14.5 | |
| 27 | 30°36'42" | 97°49'07" | Edwards | -- | 0 | 3.0 | 11.7 | |
| 27 | 30°37'10" | 97°46'37" | Edwards | -- | 0 | 3.9 | 8.7 | |
| 27 | 30°37'13" | 97°43'38" | Edwards | -- | .02 | 1.0 | 4.8 | |
| 27 | 30°37'12" | 97°42'43" | Edwards | -- | 0 | 1.5 | 3.8 | |
| 27 | 30°37'34" | 97°41'35" | Edwards | -- | -0.01 | .8 | 2.3 | |
| 28 | 30°42'55" | 98°03'02" | Trinity | -- | 1.38 | 2.0 | 31.2 | at FM 1174 near Bertram |
| 28 | 30°42'09" | 98°01'52" | Trinity | -- | 1.19 | 3.1 | 29.2 | |
| 28 | 30°41'17" | 97°59'00" | Trinity | -- | 1.0 | 2.2 | 26.1 | |
| 28 | 30°40'31" | 97°57'45" | Trinity | -- | -0.64 | 2.2 | 23.9 | |
| 28 | 30°39'32" | 97°56'13" | Trinity | -- | 9.0 | 2.3 | 21.7 | |
| 28 | 30°38'53" | 97°54'35" | Trinity | -- | 4.82 | 4.9 | 19.4 | |
| 28 | 30°37'14" | 97°51'38" | -- | -- | 6.0 | 2.8 | 14.5 | |
| 28 | 30°36'42" | 97°49'07" | Edwards | -- | 1.2 | 3.0 | 11.7 | |
| 28 | 30°37'10" | 97°46'37" | Edwards | -- | -46.93 | 3.9 | 8.7 | |
| 28 | 30°37'13" | 97°43'38" | Edwards | -- | 55.0 | 1.0 | 4.8 | |
| 28 | 30°37'12" | 97°42'43" | Edwards | -- | .1 | 1.5 | 3.8 | |
| 28 | 30°37'34" | 97°41'35" | Edwards | -- | 1.1 | .8 | 2.3 | |
| 29 | 30°42'55" | 98°03'02" | Trinity | -- | .23 | 2.0 | 31.2 | at FM 1174 near Bertram |
| 29 | 30°42'09" | 98°01'52" | Trinity | -- | .43 | 3.1 | 29.2 | |
| 29 | 30°41'17" | 97°59'00" | Trinity | -- | .33 | 2.2 | 26.1 | |
| 29 | 30°40'31" | 97°57'45" | Trinity | -- | -2.62 | .9 | 23.9 | |
| 29 | 30°40'44" | 97°57'00" | Trinity | -- | 3.71 | 1.3 | 23 | |
| 29 | 30°39'32" | 97°56'13" | Trinity | -- | -0.54 | 2.3 | 21.7 | |
| 29 | 30°38'53" | 97°54'35" | Trinity | -- | 2.27 | 4.9 | 19.4 | |
| 29 | 30°37'14" | 97°51'38" | -- | -- | 1.41 | 2.8 | 14.5 | |
| 29 | 30°36'42" | 97°49'07" | Edwards | -- | .33 | 3.0 | 11.7 | |
| 29 | 30°37'10" | 97°46'37" | Edwards | -- | -8.86 | 3.9 | 8.7 | |
| 29 | 30°37'13" | 97°43'38" | Edwards | -- | 11.7 | 1.0 | 4.8 | |
| 29 | 30°37'12" | 97°42'43" | Edwards | -- | .6 | 1.5 | 3.8 | |
| 29 | 30°37'34" | 97°41'35" | Edwards | -- | -0.4 | .8 | 2.3 | |
| 30 | 31°03'00" | 98°11'05" | Trinity | Marble Falls | 2.7 | .53 | 0 | just south of Hancock Park |
| 30 | 31°03'17" | 98°11'13" | Trinity | -- | .7 | .24 | .53 | |
| 30 | 31°03'17" | 98°10'59" | Trinity | -- | 3.1 | .1 | .77 | |
| 30 | 31°03'18" | 98°10'56" | Trinity | -- | 3.3 | .08 | .87 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 30 | 31°03'19" | 98°10'53" | Trinity | -- | 5.4 | 2.72 | 0.95 | |
| 31 | 31°03'00" | 98°11'05" | Trinity | Marble Falls | 1.8 | .53 | 0 | just south of Hancock Park |
| 31 | 31°03'17" | 98°11'13" | Trinity | -- | 3.5 | .24 | .53 | |
| 31 | 31°03'17" | 98°10'59" | Trinity | -- | 3.2 | .1 | .77 | |
| 31 | 31°03'18" | 98°10'56" | Trinity | -- | 1.9 | .08 | .87 | |
| 31 | 31°03'19" | 98°10'53" | Trinity | -- | 1.3 | 2.72 | .95 | |
| 32 | 30°14'40" | 97°48'07" | Edwards | -- | -14.04 | 1.1 | 4.6 | at Loop 360, gaging station (08155300) |
| 32 | 30°14'41" | 97°47'19" | Edwards | -- | -2.74 | .9 | 3.5 | |
| 32 | 30°15'08" | 97°47'44" | Edwards | -- | -.22 | .9 | 2.6 | |
| 32 | 30°15'31" | 97°47'02" | Edwards | -- | 0 | .6 | 1.7 | |
| 33 | 30°14'40" | 97°48'07" | Edwards | -- | -4.07 | 1.1 | 4.6 | at Loop 360, gaging station (08155300) |
| 33 | 30°14'41" | 97°47'19" | Edwards | -- | -1.41 | .9 | 3.5 | |
| 33 | 30°15'08" | 97°47'44" | Edwards | -- | .14 | .9 | 2.6 | |
| 33 | 30°15'31" | 97°47'02" | Edwards | -- | -.09 | .6 | 1.7 | |
| 34 | 30°13'32" | 98°09'51" | Trinity | -- | .08 | .6 | 50 | 2 mi northeast of Henly at county road crossing |
| 34 | 30°13'36" | 98°09'12" | Trinity | -- | .11 | .4 | 49.4 | |
| 34 | 30°13'52" | 98°09'03" | Trinity | -- | .09 | 1.8 | 49 | |
| 34 | 30°14'36" | 98°08'08" | Trinity | -- | .78 | 4.1 | 47.2 | |
| 34 | 30°14'39" | 98°07'18" | Trinity | -- | 1.79 | 3.7 | 43.1 | |
| 34 | 30°14'15" | 98°03'58" | Trinity | -- | 1.89 | 5.3 | 39.4 | |
| 34 | 30°14'31" | 98°00'38" | Trinity | -- | 3.09 | 13.1 | 34.1 | |
| 34 | 30°17'45" | 97°55'33" | Trinity | -- | -9.64 | 4.1 | 21 | |
| 34 | 30°17'32" | 97°53'13" | Trinity | -- | 0 | 3.3 | 16.9 | |
| 34 | 30°18'13" | 97°51'52" | Trinity | -- | 0 | 2.2 | 13.6 | |
| 34 | 30°17'26" | 97°50'48" | Trinity | -- | 0 | .8 | 11.4 | |
| 34 | 30°17'17" | 97°50'46" | Trinity | -- | 10.78 | 1.5 | 10.6 | |
| 34 | 30°16'30" | 97°50'42" | Trinity | -- | -10.9 | .3 | 9.1 | |
| 34 | 30°16'25" | 97°50'29" | Trinity | -- | 0 | .4 | 8.8 | |
| 34 | 30°16'16" | 97°49'53" | Trinity | -- | 9.1 | .4 | 8.4 | |
| 34 | 30°16'09" | 97°49'28" | Edwards, Trinity | -- | -3.36 | 1.2 | 8 | |
| 34 | 30°15'14" | 97°49'03" | Edwards | -- | -5.74 | 1.0 | 6.8 | |
| 34 | 30°14'24" | 97°48'37" | Edwards | -- | 0 | 1.3 | 5.8 | |
| 34 | 30°14'40" | 97°48'07" | Edwards | -- | 0 | 2.2 | 4.5 | |
| 34 | 30°15'17" | 97°47'26" | Edwards | -- | .04 | .3 | 2.3 | |
| 34 | 30°15'24" | 97°47'11" | Edwards | -- | -.04 | 1.0 | 2 | |
| 34 | 30°15'48" | 97°46'26" | Edwards | -- | 1.49 | .2 | 1 | |
| 34 | 30°15'48" | 97°46'20" | -- | -- | 99.51 | .3 | .8 | |
| 35 | 30°13'32" | 98°09'51" | Trinity | -- | 0 | .6 | 50 | 2 mi northeast of Henly at county road crossing |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 35 | 30°13'36" | 98°09'12" | Trinity | -- | 0 | 0.4 | 49.4 | |
| 35 | 30°13'51" | 98°09'05" | Trinity | -- | .01 | 1.8 | 49 | |
| 35 | 30°14'36" | 98°08'08" | Trinity | -- | .15 | 4.1 | 47.2 | |
| 35 | 30°14'39" | 98°07'18" | Trinity | -- | .15 | 3.7 | 43.1 | |
| 35 | 30°14'15" | 98°03'58" | Trinity | -- | .28 | 5.3 | 39.4 | |
| 35 | 30°14'31" | 98°00'38" | Trinity | -- | .64 | 13.1 | 34.1 | |
| 35 | 30°17'45" | 97°55'33" | Trinity | -- | -1.29 | 4.1 | 21 | |
| 35 | 30°17'32" | 97°53'13" | Trinity | -- | .11 | 3.3 | 16.9 | |
| 35 | 30°18'13" | 97°51'52" | Trinity | -- | -.11 | 2.2 | 13.6 | |
| 35 | 30°17'26" | 97°50'48" | Trinity | -- | .02 | .8 | 11.4 | |
| 35 | 30°17'17" | 97°50'46" | Trinity | -- | -.02 | 1.5 | 10.6 | |
| 35 | 30°16'30" | 97°50'42" | Trinity | -- | .01 | .3 | 9.1 | |
| 35 | 30°16'31" | 97°50'16" | Trinity | -- | -.01 | .4 | 8.8 | |
| 35 | 30°16'16" | 97°49'53" | Trinity | -- | 0 | .4 | 8.4 | |
| 35 | 30°16'09" | 97°49'28" | Edwards, Trinity | -- | 0 | 1.2 | 8 | |
| 35 | 30°15'14" | 97°49'03" | Edwards | -- | 0 | 1.0 | 6.8 | |
| 35 | 30°14'24" | 97°48'37" | Edwards | -- | 0 | 1.3 | 5.8 | |
| 35 | 30°14'40" | 97°48'07" | Edwards | -- | 0 | 2.2 | 4.5 | |
| 35 | 30°15'17" | 97°47'26" | Edwards | -- | 0 | .3 | 2.3 | |
| 35 | 30°15'24" | 97°47'11" | Edwards | -- | 0 | 1.0 | 2 | |
| 35 | 30°15'48" | 97°46'26" | Edwards | -- | .36 | .2 | 1 | |
| 35 | 30°15'48" | 97°46'20" | -- | -- | 82.14 | .3 | .8 | includes flow from spring at SH 71, gaging station (08155200) |
| 36 | 30°17'45" | 97°55'31" | Trinity | -- | 1.0 | 3.1 | 21 | |
| 36 | 30°18'01" | 97°54'01" | Trinity | -- | 6.0 | 3.6 | 17.9 | |
| 36 | 30°17'53" | 97°52'40" | Trinity | -- | 5.0 | 3.4 | 14.3 | |
| 36 | 30°17'46" | 97°51'05" | Trinity | -- | -.1 | .9 | 10.9 | |
| 36 | 30°16'57" | 97°51'07" | Trinity | -- | .72 | .9 | 10 | |
| 36 | 30°16'26" | 97°50'38" | Trinity | -- | -.7 | 1.3 | 9.1 | |
| 36 | 30°16'10" | 97°49'39" | Edwards, Trinity | -- | -2.3 | .5 | 7.8 | |
| 36 | 30°15'54" | 97°49'22" | Edwards | -- | -1.2 | .5 | 7.3 | |
| 36 | 30°15'30" | 97°49'21" | Edwards | -- | -7.1 | .7 | 6.8 | |
| 36 | 30°15'09" | 97°48'54" | Edwards | -- | -14.3 | 1.5 | 6.1 | |
| 36 | 30°14'40" | 97°48'07" | Edwards | -- | -8.1 | 1.1 | 4.6 | gaging station (08155300) |
| 36 | 30°14'41" | 97°47'19" | Edwards | -- | -2.1 | .9 | 3.5 | |
| 36 | 30°15'08" | 97°47'44" | Edwards | -- | 2.4 | .9 | 2.6 | |
| 36 | 30°15'31" | 97°47'02" | Edwards | -- | 2.0 | .6 | 1.7 | |
| 36 | 30°15'45" | 97°46'45" | Edwards | -- | 29.8 | 1.1 | 1.1 | |
| 37 | 32°15'14" | 101°28'48" | Ogallala | -- | -.04 | 4.2 | 59.2 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 37 | 32°15'25" | 101°28'22" | Ogallala | -- | 5.15 | 6.2 | 55 | discontinued gaging station (08123650) |
| 37 | 32°15'27" | 101°25'48" | Ogallala | -- | -5.14 | 2.2 | 48.8 | |
| 37 | 32°15'01" | 101°23'52" | Ogallala | Dockum | .07 | 6.7 | 46.6 | discontinued gaging station (08123720) |
| 37 | 32°15'14" | 101°19'26" | -- | Dockum | .26 | 7.1 | 39.9 | |
| 37 | 32°13'26" | 101°15'57" | -- | Dockum | -.23 | 17.6 | 32.8 | |
| 37 | 32°11'56" | 101°00'46" | -- | Dockum | -.11 | 14.7 | 15.2 | gaging station (08123800) |
| 38 | 32°15'14" | 101°28'48" | Ogallala | -- | 7.52 | 4.2 | 59.2 | |
| 38 | 32°15'25" | 101°28'22" | Ogallala | -- | 5.5 | 6.2 | 55 | discontinued gaging station (08123650) |
| 38 | 32°15'27" | 101°25'48" | Ogallala | -- | -16.55 | 2.2 | 48.8 | |
| 38 | 32°15'01" | 101°23'52" | Ogallala | Dockum | -.23 | 6.7 | 46.6 | discontinued gaging station (08123720) |
| 38 | 32°15'14" | 101°19'26" | -- | Dockum | 1.32 | 7.1 | 39.9 | |
| 38 | 32°13'26" | 101°15'57" | -- | Dockum | 3.36 | 17.6 | 32.8 | |
| 38 | 32°11'56" | 101°00'46" | -- | Dockum | 1.93 | 14.7 | 15.2 | gaging station (08123800) |
| 39 | 32°15'34" | 101°28'04" | Ogallala | -- | 5.46 | 4.2 | 59.2 | discontinued gaging station (08123650) |
| 39 | 32°15'21" | 101°25'48" | Ogallala | -- | -5.34 | 6.2 | 55 | |
| 39 | 32°14'49" | 101°23'45" | Ogallala | Dockum | 2.15 | 2.2 | 48.8 | discontinued gaging station (08123720) |
| 39 | 32°14'57" | 101°19'26" | -- | Dockum | .1 | 6.7 | 46.6 | |
| 39 | 32°13'14" | 101°15'57" | -- | Dockum | .17 | 24.7 | 39.9 | |
| 39 | 32°12'05" | 101°00'46" | -- | Dockum | 1.34 | 14.7 | 15.2 | gaging station (08123800) |
| 40 | 30°09'21" | 97°56'32" | Trinity | -- | 17.66 | 2.0 | 11 | gaging station (08158810) |
| 40 | 30°10'06" | 97°55'31" | Edwards, Trinity | -- | 12.1 | 1.4 | 9 | |
| 40 | 30°09'45" | 97°54'32" | Edwards | -- | -10.7 | 1.6 | 7.6 | |
| 40 | 30°09'31" | 97°53'41" | Edwards | -- | -3.6 | 1.1 | 6 | |
| 40 | 30°09'20" | 97°52'57" | Edwards | -- | -9.0 | 1.1 | 4.9 | |
| 40 | 30°08'54" | 97°51'55" | Edwards | -- | -3.4 | 1.2 | 3.8 | |
| 40 | 30°08'24" | 97°50'49" | -- | -- | -6.86 | 1.7 | 2.6 | gaging station (08158820) |
| 41 | 31°08'16" | 99°20'06" | -- | Ellenburger-San Saba | 1.0 | 13.0 | 28 | at Brady |
| 41 | 31°06'00" | 99°12'21" | -- | Ellenburger-San Saba, Marble Falls | .7 | 15.0 | 15 | |
| 42 | 32°35'03" | 101°07'48" | -- | Dockum | .01 | 11.7 | 239.1 | |
| 42 | 32°32'20" | 101°03'14" | -- | Dockum | -.36 | 9.3 | 227.4 | discontinued gaging station (08119500) |
| 42 | 32°32'39" | 100°58'04" | -- | Dockum | .93 | 9.3 | 218.1 | |
| 42 | 32°28'41" | 100°56'52" | -- | Dockum | -4.65 | 9.5 | 208.8 | |
| 42 | 32°27'28" | 100°57'36" | -- | Dockum | 7.95 | 2.0 | 199.3 | |
| 42 | 32°25'25" | 100°53'49" | -- | Dockum | -8.2 | .9 | 197.3 | |
| 42 | 32°24'51" | 100°54'25" | -- | Dockum | .28 | 2.6 | 196.4 | |
| 42 | 32°23'33" | 100°52'40" | -- | Dockum | .5 | 2.5 | 193.8 | |
| 42 | 32°22'35" | 100°51'39" | -- | Dockum | .87 | 7.0 | 191.3 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 42 | 32°19'44" | 100°54'21" | -- | Dockum | -0.25 | 7.7 | 184.3 | |
| 42 | 32°16'40" | 100°52'55" | -- | -- | -2.85 | 3.8 | 176.6 | |
| 42 | 32°15'08" | 100°52'04" | -- | -- | 2.18 | 4.0 | 172.8 | |
| 42 | 32°12'33" | 100°52'19" | -- | -- | -2.18 | 5.8 | 168.8 | |
| 42 | 32°09'59" | 100°50'06" | -- | -- | 2.67 | 13.4 | 163 | |
| 42 | 32°03'37" | 100°45'54" | -- | -- | -3.3 | 43.6 | 149.6 | gaging station (08123850) |
| 42 | 31°53'07" | 100°28'48" | -- | -- | -0.05 | 6.2 | 106 | |
| 42 | 31°51'03" | 100°25'30" | -- | -- | .08 | 5.6 | 99.8 | |
| 42 | 31°51'24" | 100°21'57" | -- | -- | .51 | 5.6 | 94.2 | |
| 42 | 31°50'51" | 100°17'27" | -- | -- | 1.1 | 6.7 | 88.6 | |
| 42 | 31°48'33" | 100°12'57" | -- | -- | -1.73 | 4.6 | 81.9 | |
| 42 | 31°47'31" | 100°11'02" | -- | -- | 2.09 | 6.1 | 77.3 | |
| 42 | 31°45'14" | 100°08'20" | -- | -- | .2 | 11.1 | 71.2 | |
| 42 | 31°42'52" | 100°01'33" | -- | -- | .85 | 6.0 | 60.1 | gaging station (08126380) |
| 42 | 31°43'47" | 99°56'27" | -- | -- | .63 | 6.5 | 54.1 | |
| 42 | 31°41'13" | 99°54'02" | -- | -- | -49 | 10.0 | 47.6 | |
| 42 | 31°38'09" | 99°49'54" | -- | -- | 5.0 | 19.3 | 37.6 | |
| 42 | 31°33'22" | 99°40'39" | -- | -- | .1 | 18.3 | 18.3 | |
| 43 | 32°35'03" | 101°07'48" | -- | Dockum | .86 | 11.7 | 239.1 | |
| 43 | 32°32'20" | 101°03'14" | -- | Dockum | 1.11 | 9.3 | 227.4 | discontinued gaging station (08119500) |
| 43 | 32°32'39" | 100°58'04" | -- | Dockum | 2.11 | 9.3 | 218.1 | |
| 43 | 32°28'41" | 100°56'52" | -- | Dockum | 4.64 | 9.5 | 208.8 | gaging station (08120700) |
| 43 | 32°27'28" | 100°57'36" | -- | Dockum | -24.35 | 2.0 | 199.3 | |
| 43 | 32°25'25" | 100°53'49" | -- | Dockum | 24.8 | .9 | 197.3 | |
| 43 | 32°24'51" | 100°54'25" | -- | Dockum | -8 | 2.6 | 196.4 | |
| 43 | 32°23'33" | 100°52'40" | -- | Dockum | 2.15 | 2.5 | 193.8 | gaging station (08121000) |
| 43 | 32°22'35" | 100°51'39" | -- | Dockum | 6.0 | 7.0 | 191.3 | |
| 43 | 32°19'44" | 100°54'21" | -- | Dockum | -37.2 | 7.7 | 184.3 | |
| 43 | 32°16'40" | 100°52'55" | -- | -- | 35.51 | 3.8 | 176.6 | |
| 43 | 32°15'08" | 100°52'04" | -- | -- | 0 | 4.0 | 172.8 | |
| 43 | 32°12'33" | 100°52'19" | -- | -- | .5 | 5.8 | 168.8 | |
| 43 | 32°09'59" | 100°50'06" | -- | -- | 1.32 | 13.4 | 163 | |
| 43 | 32°03'37" | 100°45'54" | -- | -- | -92.54 | 43.6 | 149.6 | gaging station (08123850) |
| 43 | 31°53'07" | 100°28'48" | -- | -- | 2.27 | 6.2 | 106 | |
| 43 | 31°51'03" | 100°25'30" | -- | -- | 3.41 | 5.6 | 99.8 | |
| 43 | 31°51'24" | 100°21'57" | -- | -- | 3.23 | 5.6 | 94.2 | |
| 43 | 31°50'51" | 100°17'27" | -- | -- | 7.69 | 6.7 | 88.6 | |
| 43 | 31°48'33" | 100°12'57" | -- | -- | -4.11 | 4.6 | 81.9 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 43 | 31°47'31" | 100°11'02" | -- | -- | 7.7 | 6.1 | 77.3 | |
| 43 | 31°45'14" | 100°08'20" | -- | -- | -1.75 | 11.1 | 71.2 | |
| 43 | 31°43'04" | 100°01'55" | -- | -- | 4.0 | 6.0 | 60.1 | gaging station (08126380) |
| 43 | 31°43'04" | 100°01'55" | -- | -- | -150.4 | 6.5 | 54.1 | |
| 43 | 31°41'13" | 99°54'02" | -- | -- | 151.0 | 10.0 | 47.6 | |
| 43 | 31°38'09" | 99°49'54" | -- | -- | 19.1 | 19.3 | 37.6 | |
| 43 | 31°33'22" | 99°40'39" | -- | -- | 10.11 | 18.3 | 18.3 | |
| 44 | 32°35'03" | 101°07'48" | -- | Dockum | .78 | 11.7 | 239.1 | |
| 44 | 32°32'20" | 100°03'14" | -- | Dockum | .69 | 9.3 | 227.4 | discontinued gaging station (08119500) |
| 44 | 32°32'39" | 100°58'04" | -- | Dockum | 4.56 | 9.3 | 218.1 | |
| 44 | 32°28'41" | 100°56'52" | -- | Dockum | -.1 | 9.5 | 208.8 | gaging station (08120700) |
| 44 | 32°27'28" | 100°57'36" | -- | Dockum | 8.12 | 2.0 | 199.3 | |
| 44 | 32°25'25" | 100°53'49" | -- | Dockum | -22.64 | .9 | 197.3 | |
| 44 | 32°24'51" | 100°54'25" | -- | Dockum | 1.75 | 2.6 | 196.4 | |
| 44 | 32°23'33" | 100°52'40" | -- | Dockum | .72 | 2.5 | 193.8 | gaging station (08121000) |
| 44 | 32°22'35" | 100°51'39" | -- | Dockum | 4.44 | 7.0 | 191.3 | |
| 44 | 32°19'44" | 100°54'21" | -- | Dockum | -9.38 | 7.7 | 184.3 | |
| 44 | 32°16'40" | 100°52'55" | -- | -- | -.05 | 3.8 | 176.6 | |
| 44 | 32°15'08" | 100°52'04" | -- | -- | 24.3 | 4.0 | 172.8 | |
| 44 | 32°12'33" | 100°52'19" | -- | -- | -7.76 | 5.8 | 168.8 | |
| 44 | 32°09'59" | 100°50'06" | -- | -- | 3.15 | 13.4 | 163 | |
| 44 | 32°03'37" | 100°45'54" | -- | -- | -27.66 | 43.6 | 149.6 | gaging station (08123850) |
| 44 | 31°53'07" | 100°28'48" | -- | -- | .22 | 6.2 | 106 | gaging station (08124000) |
| 44 | 31°51'03" | 100°25'30" | -- | -- | -.52 | 5.6 | 99.8 | |
| 44 | 31°51'24" | 100°21'57" | -- | -- | 1.67 | 5.6 | 94.2 | |
| 44 | 31°50'51" | 100°17'27" | -- | -- | 3.28 | 6.7 | 88.6 | |
| 44 | 31°48'33" | 100°12'57" | -- | -- | -.05 | 4.6 | 81.9 | |
| 44 | 31°47'31" | 100°11'02" | -- | -- | 1.08 | 6.1 | 77.3 | |
| 44 | 31°45'14" | 100°08'20" | -- | -- | 2.63 | 11.1 | 71.2 | |
| 44 | 31°43'04" | 100°01'55" | -- | -- | 6.0 | 6.0 | 60.1 | |
| 44 | 31°43'04" | 100°01'55" | -- | -- | .36 | 6.5 | 54.1 | |
| 44 | 31°41'13" | 99°54'02" | -- | -- | -2.6 | 10.0 | 47.6 | |
| 44 | 31°38'09" | 99°49'54" | -- | -- | .8 | 19.3 | 37.6 | |
| 44 | 31°33'22" | 99°40'39" | -- | -- | .8 | 18.3 | 18.3 | |
| 45 | 32°34'58" | 101°05'42" | -- | Dockum | .15 | .1 | 831.8 | 50 ft above Bull Creek |
| 45 | 32°34'54" | 101°05'42" | -- | Dockum | -.04 | 2.9 | 831.7 | |
| 45 | 32°34'17" | 101°03'18" | -- | Dockum | .16 | 2.5 | 828.8 | |
| 45 | 32°32'17" | 101°03'10" | -- | Dockum | .18 | 2.3 | 826.3 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 45 | 32°30'42" | 101°01'40" | -- | Dockum | -0.17 | 6.2 | 824 | |
| 45 | 32°32'25" | 100°56'52" | -- | Dockum | .24 | 3.5 | 817.8 | |
| 45 | 32°30'51" | 100°54'43" | -- | Dockum | 3.52 | 3.7 | 814.3 | |
| 45 | 32°28'41" | 100°56'52" | -- | Dockum | -.78 | 6.2 | 810.6 | |
| 45 | 32°26'35" | 100°56'42" | -- | Dockum | .56 | 2.3 | 804.4 | |
| 45 | 32°25'50" | 100°54'57" | -- | Dockum | 2.05 | 3.2 | 802.1 | |
| 45 | 32°24'51" | 100°54'25" | -- | Dockum | 2.11 | 2.6 | 798.9 | |
| 46 | 32°34'58" | 101°05'42" | -- | Dockum | .05 | .1 | 831.8 | 50 ft above Bull Creek |
| 46 | 32°34'54" | 101°05'42" | -- | Dockum | -.01 | 2.9 | 831.7 | |
| 46 | 32°34'17" | 101°03'18" | -- | Dockum | .08 | 2.5 | 828.8 | |
| 46 | 32°32'17" | 101°03'10" | -- | Dockum | .18 | 2.3 | 826.3 | |
| 46 | 32°30'42" | 101°01'40" | -- | Dockum | -.04 | 6.2 | 824 | |
| 46 | 32°32'25" | 100°56'52" | -- | Dockum | .09 | 3.5 | 817.8 | |
| 46 | 32°30'51" | 100°54'43" | -- | Dockum | .82 | 3.7 | 814.3 | |
| 46 | 32°28'41" | 100°56'52" | -- | Dockum | .63 | 6.2 | 810.6 | |
| 46 | 32°26'35" | 100°56'42" | -- | Dockum | .1 | 2.3 | 804.4 | |
| 46 | 32°25'50" | 100°54'57" | -- | Dockum | 2.71 | 3.2 | 802.1 | |
| 46 | 32°24'51" | 100°54'25" | -- | Dockum | .35 | 2.6 | 798.9 | |
| 47 | 32°34'58" | 101°05'42" | -- | Dockum | .12 | .1 | 831.8 | 50 ft above Bull Creek |
| 47 | 32°34'54" | 101°05'42" | -- | Dockum | .06 | 2.9 | 831.7 | |
| 47 | 32°34'17" | 101°03'18" | -- | Dockum | .01 | 2.5 | 828.8 | |
| 47 | 32°32'17" | 101°03'10" | -- | Dockum | .34 | 2.3 | 826.3 | |
| 47 | 32°30'42" | 100°01'40" | -- | Dockum | -.1 | 6.2 | 824 | |
| 47 | 32°32'25" | 100°56'52" | -- | Dockum | -.01 | 3.5 | 817.8 | |
| 47 | 32°30'51" | 100°54'43" | -- | Dockum | 1.02 | 3.7 | 814.3 | |
| 47 | 32°28'41" | 100°56'52" | -- | Dockum | .57 | 6.2 | 810.6 | |
| 47 | 32°26'35" | 100°56'42" | -- | Dockum | .07 | 2.3 | 804.4 | |
| 47 | 32°25'50" | 100°54'57" | -- | Dockum | -4.4 | 3.2 | 802.1 | |
| 47 | 32°24'51" | 100°54'25" | -- | Dockum | .08 | 2.6 | 798.9 | |
| 48 | 32°34'58" | 101°05'42" | -- | Dockum | .1 | .1 | 831.8 | 50 ft above Bull Creek |
| 48 | 32°34'54" | 100°05'42" | -- | Dockum | -.01 | 2.9 | 831.7 | |
| 48 | 32°34'17" | 101°03'18" | -- | Dockum | .08 | 2.5 | 828.8 | |
| 48 | 32°32'17" | 101°03'10" | -- | Dockum | .17 | 2.3 | 826.3 | |
| 48 | 32°30'42" | 101°01'40" | -- | Dockum | -.24 | 6.2 | 824 | |
| 48 | 32°32'25" | 100°56'52" | -- | Dockum | .28 | 3.5 | 817.8 | |
| 48 | 32°30'51" | 100°54'43" | -- | Dockum | 1.63 | 3.7 | 814.3 | |
| 48 | 32°28'41" | 100°56'52" | -- | Dockum | .53 | 6.2 | 810.6 | |
| 48 | 32°26'35" | 100°56'42" | -- | Dockum | -.24 | 2.3 | 804.4 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 48 | 32°25'50" | 100°54'57" | -- | Dockum | -4.74 | 3.2 | 802.1 | |
| 48 | 32°24'51" | 100°54'25" | -- | Dockum | .19 | 2.6 | 798.9 | |
| 49 | 30°14'42" | 97°41'27" | Carrizo-Wilcox | -- | -257.95 | 68.5 | 290.1 | gaging station (08158000) |
| 49 | 30°10'02" | 97°24'09" | Carrizo-Wilcox | -- | 70.0 | 15.1 | 221.6 | at FM 969 |
| 49 | 30°07'05" | 97°19'54" | Carrizo-Wilcox | Sparta | -91.1 | 26.7 | 236.7 | gaging station (08159200) |
| 49 | 30°00'55" | 97°08'46" | -- | Sparta | 0 | 35.5 | 210 | |
| 49 | 29°54'46" | 96°53'44" | Gulf Coast | -- | -40.15 | 30.9 | 174.5 | discontinued partial-record station (08160500) |
| 49 | 29°42'55" | 96°32'31" | Gulf Coast | -- | 158.23 | 8.5 | 143.6 | gaging station (08160700) |
| 49 | 29°42'17" | 96°32'12" | Gulf Coast | -- | -20.0 | 21.7 | 135.1 | gaging station (08161000) |
| 49 | 29°34'47" | 96°25'02" | Gulf Coast | -- | -770.0 | 10.5 | 113.4 | |
| 49 | 29°27'11" | 96°23'46" | Gulf Coast | -- | -90.0 | 27.0 | 102.9 | |
| 49 | 29°20'09" | 96°11'52" | Gulf Coast | -- | -119.0 | 9.3 | 75.9 | |
| 49 | 29°18'20" | 96°06'34" | Gulf Coast | -- | -474.27 | 34.1 | 66.6 | gaging station (08162000) |
| 50 | 32°01'09" | 100°44'06" | -- | -- | -45 | 14.4 | 0 | gaging station near Silver (08123900) |
| 50 | 31°58'51" | 100°36'21" | -- | -- | -6 | 1.0 | 14.4 | |
| 50 | 31°58'21" | 100°35'31" | -- | -- | -1.92 | 19.3 | 15.4 | |
| 51 | 32°01'09" | 100°44'06" | -- | -- | -84 | 1.2 | 0 | gaging station near Silver (08123900) |
| 51 | 32°00'39" | 100°43'08" | -- | -- | .54 | 6.3 | 1.2 | |
| 51 | 31°58'31" | 100°39'43" | -- | -- | .03 | 3.0 | 7.5 | |
| 51 | 31°58'24" | 100°38'27" | -- | -- | -83 | 3.9 | 10.5 | |
| 51 | 31°58'51" | 100°36'21" | -- | -- | -19 | 1.0 | 14.4 | |
| 51 | 31°58'21" | 100°35'31" | -- | -- | -1 | 1.7 | 15.4 | |
| 51 | 31°57'16" | 100°35'13" | -- | -- | .17 | 3.1 | 17.1 | |
| 51 | 31°56'07" | 100°34'01" | -- | -- | .02 | 2.8 | 20.2 | |
| 51 | 31°54'46" | 100°34'01" | -- | -- | -1.49 | 11.7 | 23 | |
| 52 | 32°35'03" | 101°07'48" | -- | Dockum | .45 | 10.3 | 836.6 | below Lake J.B. Thomas near Vincent (08118000) |
| 52 | 32°32'17" | 101°03'10" | -- | Dockum | -05 | 2.3 | 826.3 | |
| 52 | 32°30'42" | 101°01'40" | -- | Dockum | -2 | 5.0 | 824 | |
| 52 | 32°32'39" | 100°58'04" | -- | Dockum | -02 | 5.6 | 819 | |
| 52 | 32°30'27" | 100°55'04" | -- | Dockum | .38 | 2.8 | 813.4 | |
| 52 | 32°28'41" | 100°56'52" | -- | Dockum | .71 | 2.8 | 810.6 | |
| 52 | 32°27'21" | 100°57'07" | -- | Dockum | -77 | 3.4 | 807.8 | |
| 52 | 32°26'34" | 100°56'45" | -- | Dockum | .33 | 4.3 | 804.4 | |
| 52 | 32°25'36" | 100°53'49" | -- | Dockum | .18 | 3.8 | 800.1 | |
| 52 | 32°23'33" | 100°52'40" | -- | Dockum | 1.36 | 8.0 | 796.3 | |
| 52 | 32°19'41" | 100°54'28" | -- | Dockum | -07 | 7.5 | 788.3 | |
| 52 | 32°16'41" | 100°52'19" | -- | -- | -31 | 10.4 | 780.8 | |
| 52 | 32°11'03" | 100°51'00" | -- | -- | 0 | .9 | 770.4 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 52 | 32°10'45" | 100°51'18" | -- | -- | -1.74 | 9.2 | 769.5 | |
| 52 | 32°05'13" | 100°47'24" | -- | -- | -.21 | 3.7 | 760.3 | |
| 52 | 32°03'12" | 100°45'39" | -- | -- | .67 | 8.8 | 756.6 | |
| 52 | 32°01'09" | 100°44'06" | -- | -- | .63 | 1.2 | 747.8 | |
| 52 | 32°00'39" | 100°43'08" | -- | -- | -.01 | 6.3 | 746.6 | |
| 52 | 31°58'31" | 100°39'43" | -- | -- | -.72 | 3.0 | 740.3 | |
| 52 | 31°58'24" | 100°38'27" | -- | -- | -.79 | 2.8 | 737.3 | |
| 52 | 31°58'01" | 100°36'36" | -- | -- | -.1 | 1.1 | 734.5 | |
| 53 | 31°52'51" | 100°29'16" | -- | -- | 0 | 9.0 | 0 | at Robert Lee |
| 53 | 31°51'25" | 100°22'58" | -- | -- | .1 | 7.0 | 9 | near Robert Lee gaging station (08124000) |
| 53 | 31°50'34" | 100°18'57" | -- | -- | -.1 | 14.0 | 16 | |
| 53 | 31°48'26" | 100°13'37" | -- | -- | .2 | 20.0 | 30 | |
| 53 | 31°43'55" | 99°56'59" | -- | -- | .3 | 7.0 | 50 | |
| 53 | 31°41'15" | 99°54'05" | -- | -- | 0 | 2.0 | 57 | |
| 53 | 31°40'55" | 99°52'08" | -- | -- | 1.1 | 4.0 | 59 | |
| 53 | 31°35'52" | 99°46'42" | -- | -- | 3.9 | 6.0 | 63 | |
| 53 | 31°34'14" | 99°43'28" | -- | -- | 2.5 | 3.0 | 69 | |
| 53 | 31°31'54" | 99°41'17" | -- | -- | 2.5 | 3.0 | 72 | |
| 53 | 31°30'10" | 99°40'34" | -- | -- | -.4 | 1.0 | 75 | |
| 53 | 31°29'51" | 99°39'49" | -- | -- | -.2 | 8.0 | 76 | |
| 53 | 31°25'28" | 99°30'46" | -- | -- | 1.2 | 12.0 | 84 | |
| 53 | 31°29'51" | 99°36'31" | -- | -- | 1.9 | 8.0 | 96 | |
| 53 | 31°26'41" | 99°29'39" | -- | -- | -.4 | 14.0 | 104 | |
| 53 | 31°25'52" | 99°21'27" | -- | -- | 4.7 | 16.0 | 118 | |
| 53 | 31°27'12" | 99°06'14" | -- | -- | -.9 | 10.0 | 134 | |
| 53 | 31°28'48" | 99°00'07" | -- | -- | -1.0 | 15.0 | 144 | |
| 53 | 31°25'03" | 98°51'10" | -- | -- | 2.4 | 15.0 | 159 | |
| 53 | 31°24'39" | 98°43'40" | -- | -- | 4.2 | 11.0 | 174 | |
| 53 | 31°21'10" | 98°40'17" | -- | -- | 1.2 | 10.0 | 185 | |
| 53 | 31°18'45" | 98°36'14" | -- | -- | -3.5 | 3.0 | 195 | |
| 53 | 31°17'50" | 98°35'49" | -- | -- | -.1 | 4.0 | 198 | |
| 53 | 31°13'24" | 98°33'46" | -- | -- | 8.43 | 16.0 | 202 | |
| 53 | 31°05'59" | 98°30'50" | -- | Ellenburger-San Saba | 20.9 | 25.0 | 218 | |
| 53 | 30°51'12" | 98°25'09" | -- | -- | -11.7 | 8.0 | 243 | |
| 53 | 30°50'39" | 98°22'36" | -- | Hickory | -29.9 | 11.0 | 251 | |
| 53 | 30°45'22" | 98°22'31" | -- | -- | 50.7 | 13.0 | 262 | |
| 53 | 30°38'29" | 98°24'59" | -- | -- | -17.0 | 5.0 | 275 | |
| 53 | 30°34'05" | 98°24'26" | -- | -- | -16.2 | 5.0 | 280 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 53 | 30°33'13" | 98°20'34" | -- | Ellenburger-San Saba, Marble Falls | 9.3 | 5.0 | 285 | |
| 53 | 30°33'45" | 98°15'36" | Trinity | Ellenburger-San Saba | 53.1 | 26.0 | 290 | |
| 53 | 30°25'53" | 98°03'28" | Trinity | -- | -13.4 | 6.0 | 316 | |
| 53 | 30°24'49" | 98°00'47" | Trinity | -- | 11.8 | 3.0 | 322 | |
| 53 | 30°23'56" | 97°57'45" | Trinity | -- | 9.9 | 9.0 | 325 | |
| 53 | 30°27'52" | 97°54'43" | Edwards, Trinity | -- | 1.0 | 31.0 | 334 | |
| 54 | 31°52'51" | 100°29'16" | -- | -- | 0 | 14.0 | 0 | at Robert Lee |
| 54 | 31°50'52" | 100°17'45" | -- | -- | 0 | 6.0 | 14 | |
| 54 | 31°48'26" | 100°13'37" | -- | -- | 0 | 22.0 | 20 | |
| 54 | 31°43'47" | 99°56'27" | -- | -- | 0 | 19.0 | 42 | gaging station at Ballinger (08126380) |
| 54 | 31°34'15" | 99°43'28" | -- | -- | 0 | 19.0 | 61 | |
| 54 | 31°29'29" | 99°34'43" | -- | -- | 0 | 16.0 | 80 | |
| 54 | 31°28'10" | 99°26'57" | -- | -- | 0 | 14.0 | 96 | |
| 54 | 31°25'53" | 99°17'58" | -- | -- | 0 | 16.0 | 110 | |
| 54 | 31°27'44" | 99°07'49" | -- | -- | 0 | 8.0 | 126 | |
| 54 | 31°28'48" | 99°00'16" | -- | -- | 3.8 | 30.0 | 134 | |
| 54 | 31°25'36" | 98°43'26" | -- | -- | 7.7 | 26.0 | 164 | |
| 54 | 31°15'14" | 98°35'37" | -- | -- | -1.2 | 3.0 | 190 | |
| 54 | 31°15'12" | 98°34'28" | -- | -- | -1 | 15.0 | 193 | |
| 54 | 31°05'19" | 98°31'26" | -- | Ellenburger-San Saba | 3.5 | 24.0 | 208 | |
| 54 | 30°55'40" | 98°24'59" | -- | Ellenburger-San Saba | 0 | 9.0 | 232 | |
| 54 | 30°48'51" | 98°28'30" | -- | -- | -9 | 7.0 | 241 | |
| 54 | 30°44'53" | 98°23'50" | -- | -- | .9 | 15.0 | 248 | |
| 54 | 30°37'47" | 98°25'12" | -- | -- | -1 | 5.0 | 263 | |
| 54 | 30°33'32" | 98°25'33" | -- | -- | -6 | 8.0 | 268 | |
| 54 | 30°33'21" | 98°20'12" | Trinity | Ellenburger-San Saba | 6.0 | 28.0 | 276 | |
| 54 | 30°25'59" | 98°03'32" | Trinity | -- | .3 | 6.0 | 304 | |
| 54 | 30°25'14" | 98°02'03" | Trinity | -- | -1.7 | 4.0 | 310 | |
| 54 | 30°22'37" | 97°59'43" | Trinity | -- | -9 | 9.0 | 314 | |
| 54 | 30°27'15" | 97°55'25" | Trinity | -- | 1.4 | 13.0 | 323 | |
| 54 | 30°20'53" | 97°52'13" | Edwards, Trinity | -- | 11.5 | 12.0 | 336 | |
| 54 | 30°17'36" | 97°47'10" | Edwards | -- | 3.7 | 1.0 | 348 | |
| 54 | 30°16'54" | 97°46'54" | Edwards | -- | .4 | 2.0 | 349 | |
| 54 | 30°15'38" | 97°44'43" | -- | -- | 27.4 | 16.0 | 351 | |
| 54 | 30°15'43" | 97°39'09" | -- | -- | -3 | 2.0 | 367 | |
| 54 | 30°12'33" | 97°35'43" | -- | -- | 15.1 | 14.0 | 369 | |
| 54 | 30°12'18" | 97°28'59" | Carrizo-Wilcox | -- | 20.2 | 20.0 | 383 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 54 | 30°05'34" | 97°20'22" | Carrizo-Wilcox | -- | 17.3 | 23.0 | 403 | |
| 54 | 30°00'45" | 97°09'39" | -- | -- | 1.0 | 12.0 | 426 | |
| 54 | 29°58'59" | 97°01'59" | -- | -- | 21.0 | 15.0 | 438 | |
| 54 | 29°56'27" | 96°54'31" | Gulf Coast | -- | 9.0 | 17.0 | 453 | |
| 54 | 29°46'44" | 96°42'06" | Gulf Coast | -- | 12.0 | 17.0 | 470 | |
| 54 | 29°42'55" | 96°32'30" | Gulf Coast | -- | 27.2 | 24.0 | 487 | |
| 54 | 29°34'24" | 96°24'22" | Gulf Coast | -- | 6.2 | 9.0 | 511 | |
| 54 | 29°28'28" | 96°23'07" | Gulf Coast | -- | 50.0 | 21.0 | 520 | |
| 54 | 29°20'50" | 96°13'12" | Gulf Coast | -- | 14.8 | 6.0 | 541 | |
| 54 | 29°18'44" | 96°06'59" | Gulf Coast | -- | 85.2 | 28.0 | 547 | |
| 54 | 28°56'18" | 96°00'35" | Gulf Coast | -- | .8 | 18.0 | 575 | |
| 55 | 31°27'32" | 100°25'15" | -- | Lipan | 7.25 | 15.5 | 58.2 | gaging station (08136000) |
| 55 | 31°32'01" | 100°14'38" | -- | Lipan | -6.42 | 11.5 | 42.7 | |
| 55 | 31°31'12" | 100°05'34" | -- | Lipan | 4.09 | 12.9 | 31.2 | |
| 55 | 31°30'56" | 99°55'09" | -- | -- | -5.78 | 8.3 | 18.3 | gaging station (08136500) |
| 55 | 31°32'14" | 99°48'50" | -- | -- | 8.11 | 6.5 | 10 | |
| 56 | 31°27'11" | 100°24'36" | -- | Lipan | 25.8 | 15.5 | 58.2 | gaging station (08136000) |
| 56 | 31°32'01" | 100°14'38" | -- | Lipan | 6.6 | 11.5 | 42.7 | |
| 56 | 31°31'12" | 100°05'34" | -- | Lipan | 2.96 | 12.9 | 31.2 | |
| 56 | 31°30'56" | 99°55'09" | -- | -- | 3.57 | 8.3 | 18.3 | gaging station (08136500) |
| 56 | 31°32'14" | 99°48'50" | -- | -- | -2.7 | 6.5 | 10 | |
| 57 | 31°27'11" | 100°24'36" | -- | Lipan | 17.84 | 15.5 | 58.2 | gaging station (08136000) |
| 57 | 31°32'01" | 100°14'38" | -- | Lipan | 14.5 | 11.5 | 42.7 | |
| 57 | 31°32'01" | 100°14'38" | -- | Lipan | -3.44 | 12.9 | 31.2 | |
| 57 | 31°30'56" | 99°55'09" | -- | -- | 5.7 | 8.3 | 18.3 | gaging station (08136500) |
| 57 | 31°32'14" | 99°48'50" | -- | -- | 3.2 | 6.5 | 10 | |
| 58 | 31°27'15" | 100°24'57" | -- | Lipan | 1.3 | .2 | 0 | at confluence of North and South Concho Rivers |
| 58 | 31°27'11" | 100°24'36" | -- | Lipan | -9 | 13.8 | .2 | |
| 58 | 31°31'54" | 100°15'14" | -- | Lipan | 2.0 | 3.0 | 14 | |
| 58 | 31°32'08" | 100°13'04" | -- | Lipan | 3.7 | 1.0 | 17 | |
| 58 | 31°31'35" | 100°12'39" | -- | Lipan | -8 | 14.0 | 18 | |
| 58 | 31°30'56" | 99°55'09" | -- | -- | -7 | 19.5 | 32 | |
| 59 | 31°27'11" | 100°24'36" | -- | Lipan | -3 | 8.0 | 0 | at gaging station near San Angelo (08136000) |
| 59 | 31°27'00" | 100°22'55" | -- | Lipan | -3.1 | 6.0 | 8 | |
| 59 | 31°29'03" | 100°18'43" | -- | Lipan | .3 | 2.0 | 14 | |
| 59 | 31°30'09" | 100°18'18" | -- | Lipan | 2.9 | 1.0 | 16 | |
| 59 | 31°30'05" | 100°18'00" | -- | Lipan | 6.7 | 1.0 | 17 | |
| 59 | 31°30'22" | 100°17'16" | -- | Lipan | -1.5 | .5 | 18 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 59 | 31°30'42" | 100°17'24" | -- | Lipan | 0 | 1.9 | 18.5 | |
| 59 | 31°31'01" | 100°16'51" | -- | Lipan | 0 | 5.3 | 20.4 | |
| 59 | 31°31'20" | 100°15'43" | -- | Lipan | .2 | 8.3 | 25.7 | |
| 59 | 31°31'00" | 99°58'40" | -- | -- | .5 | 3.0 | 34 | |
| 59 | 31°30'56" | 99°55'08" | -- | -- | .9 | 17.5 | 37 | |
| 60 | 31°19'49" | 100°36'00" | -- | -- | -6 | 1.1 | 0 | just below spring source |
| 60 | 31°19'22" | 100°36'18" | -- | -- | 11.0 | 3.3 | 1.1 | |
| 60 | 31°18'41" | 100°37'15" | -- | -- | 5.8 | 4.3 | 4.4 | |
| 60 | 31°15'51" | 100°38'20" | Edwards-Trinity Plateau | -- | -5 | 3.1 | 8.7 | |
| 61 | 31°58'45" | 99°51'59" | -- | -- | .04 | 3.0 | 21.2 | FM 1770 |
| 61 | 31°56'03" | 99°52'04" | -- | -- | -0.04 | 6.0 | 18.2 | FM 53 |
| 61 | 31°51'47" | 99°53'52" | -- | -- | .09 | .7 | 12.2 | FM 2647 |
| 61 | 31°51'27" | 99°54'12" | -- | -- | -88 | 5.1 | 11.5 | |
| 61 | 31°47'49" | 99°56'00" | -- | -- | .79 | 1.5 | 6.4 | US 83 |
| 61 | 31°47'29" | 99°56'33" | -- | -- | -53 | 2.1 | 4.9 | |
| 62 | 31°58'45" | 99°51'59" | -- | -- | 3.06 | 3.0 | 21.2 | FM 1770 |
| 62 | 31°56'03" | 99°52'04" | -- | -- | 3.81 | 6.0 | 18.2 | FM 53 |
| 62 | 31°51'47" | 99°53'52" | -- | -- | -6.87 | .7 | 12.2 | FM 2647 |
| 62 | 31°51'27" | 99°54'12" | -- | -- | 9.5 | 5.1 | 11.5 | |
| 62 | 31°47'49" | 99°56'00" | -- | -- | -36.2 | 1.5 | 6.4 | US 83 |
| 62 | 31°47'29" | 99°56'33" | -- | -- | 39.4 | 2.1 | 4.9 | |
| 63 | 31°58'45" | 99°51'59" | -- | -- | .01 | 3.0 | 21.2 | FM 1770 |
| 63 | 31°56'03" | 99°52'04" | -- | -- | -0.01 | 6.0 | 18.2 | FM 53 |
| 63 | 31°51'47" | 99°53'52" | -- | -- | 0 | .7 | 12.2 | FM 2647 |
| 63 | 31°51'27" | 99°54'12" | -- | -- | -1.58 | 5.1 | 11.5 | |
| 63 | 31°47'49" | 99°56'00" | -- | -- | 2.04 | 1.5 | 6.4 | US 83 |
| 63 | 31°47'29" | 99°56'33" | -- | -- | .22 | 2.1 | 4.9 | |
| 64 | 30°30'23" | 99°40'47" | Edwards-Trinity Plateau | -- | 7.0 | .9 | 0 | at springs 8.3 mi above Segovia |
| 64 | 30°29'42" | 99°40'19" | Edwards-Trinity Plateau | -- | 3.5 | 3.1 | .9 | |
| 64 | 30°27'40" | 99°40'28" | Edwards-Trinity Plateau | -- | .8 | 1.3 | 4 | |
| 64 | 30°27'04" | 99°40'27" | Edwards-Trinity Plateau | -- | .2 | 1.4 | 5.3 | |
| 64 | 30°26'04" | 99°40'26" | Edwards-Trinity Plateau | -- | -1.0 | 3.3 | 6.7 | |
| 64 | 30°23'51" | 99°39'28" | Edwards-Trinity Plateau | -- | -8 | 2.1 | 10 | |
| 64 | 30°22'10" | 99°38'30" | Edwards-Trinity Plateau | -- | -8 | 4.7 | 12.1 | |
| 65 | 30°29'21" | 99°45'32" | Edwards-Trinity Plateau | -- | 0 | 3.1 | 0 | 0.2 mi above confluence with North Llano River |
| 65 | 30°30'26" | 99°44'09" | Edwards-Trinity Plateau | -- | -4.0 | .9 | 3.1 | |
| 65 | 30°29'45" | 99°43'19" | Edwards-Trinity Plateau | -- | 6.0 | 2.3 | 4 | gaging station (08150000) |
| 65 | 30°30'52" | 99°42'00" | Edwards-Trinity Plateau | -- | 4.2 | 3.8 | 6.3 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 65 | 30°31'07" | 99°40'14" | Edwards-Trinity Plateau | -- | -6.0 | 1.9 | 10.1 | |
| 65 | 30°31'37" | 99°38'37" | Edwards-Trinity Plateau | -- | 1.65 | 3.8 | 12 | |
| 65 | 30°33'09" | 99°36'02" | Edwards-Trinity Plateau | -- | 4.0 | 2.7 | 15.8 | |
| 65 | 30°34'44" | 99°35'48" | Edwards-Trinity Plateau | -- | .98 | 3.5 | 18.5 | |
| 65 | 30°35'08" | 99°33'35" | -- | Ellenburger-San Saba, Marble Falls | 2.95 | 3.1 | 22 | |
| 65 | 30°37'42" | 99°30'55" | -- | Ellenburger-San Saba | -7.61 | 8.5 | 25.1 | |
| 65 | 30°41'03" | 99°23'47" | -- | Ellenburger-San Saba | 10.0 | 6.4 | 33.6 | |
| 65 | 30°39'28" | 99°19'26" | -- | Ellenburger-San Saba | -4.11 | 4.6 | 40 | |
| 65 | 30°38'58" | 99°14'31" | -- | Hickory | -8.7 | 5.4 | 44.6 | |
| 65 | 30°38'10" | 99°10'31" | -- | Hickory | -1.0 | 5.1 | 50 | |
| 65 | 30°39'42" | 99°05'24" | -- | -- | 7.5 | 5.8 | 55.1 | |
| 65 | 30°42'01" | 99°01'27" | -- | -- | -2.0 | 6.5 | 60.9 | |
| 65 | 30°42'20" | 98°55'40" | -- | -- | -3.22 | 6.9 | 67.4 | |
| 65 | 30°43'34" | 98°48'41" | -- | -- | 3.7 | 6.8 | 74.3 | |
| 65 | 30°45'09" | 98°40'24" | -- | -- | 3.5 | 2.4 | 81.1 | |
| 66 | 30°29'31" | 99°45'20" | Edwards-Trinity Plateau | -- | -3.03 | 10.0 | 0 | near Junction gaging station (08150000) |
| 66 | 30°32'13" | 99°37'34" | Edwards-Trinity Plateau | -- | -2.2 | 6.0 | 10 | |
| 66 | 30°35'19" | 99°35'50" | Edwards-Trinity Plateau | Ellenburger-San Saba | -7.93 | 19.0 | 16 | |
| 66 | 30°38'52" | 99°18'07" | -- | Ellenburger-San Saba | -3.1 | 4.0 | 35 | |
| 66 | 30°38'16" | 99°13'28" | -- | -- | -1.84 | 8.0 | 39 | |
| 66 | 30°39'38" | 99°06'33" | -- | -- | -72 | 12.0 | 47 | |
| 66 | 30°42'12" | 98°57'30" | -- | -- | -01 | 5.0 | 59 | |
| 66 | 30°42'41" | 98°53'03" | -- | -- | 0 | 12.0 | 64 | |
| 66 | 30°45'05" | 98°42'22" | -- | -- | 0 | 3.0 | 76 | |
| 67 | 30°29'27" | 99°45'29" | Edwards-Trinity Plateau | -- | 11.6 | 3.0 | 0 | just above Llano River |
| 67 | 30°29'45" | 99°43'19" | Edwards-Trinity Plateau | -- | -9 | 4.0 | 3 | |
| 67 | 30°30'30" | 99°40'55" | Edwards-Trinity Plateau | -- | -3.6 | 13.0 | 7 | |
| 67 | 30°34'55" | 99°34'19" | Edwards-Trinity Plateau | Ellenburger-San Saba | -2.3 | 15.0 | 20 | |
| 67 | 30°40'56" | 99°23'53" | -- | Ellenburger-San Saba | 1.6 | 8.0 | 35 | |
| 67 | 30°38'53" | 99°15'07" | -- | -- | -4.9 | 11.0 | 43 | |
| 67 | 30°39'41" | 99°06'18" | -- | -- | 7.4 | 10.0 | 54 | |
| 67 | 30°42'11" | 98°57'25" | -- | -- | 5.5 | 9.5 | 64 | |
| 67 | 30°43'50" | 98°48'01" | -- | -- | 5.6 | 8.5 | 73.5 | |
| 67 | 30°45'05" | 98°40'06" | -- | -- | 9.3 | 1.0 | 82 | |
| 67 | 30°45'03" | 98°39'53" | -- | -- | 0 | 9.0 | 83 | |
| 67 | 30°45'56" | 98°32'49" | -- | -- | -7.0 | 14.0 | 92 | |
| 68 | 30°29'31" | 99°45'20" | Edwards-Trinity Plateau | -- | 3.3 | .2 | 0 | 6.8 mi below Junction |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 68 | 30°29'34" | 99°45'14" | Edwards-Trinity Plateau | -- | 0 | 2.8 | 0.2 | |
| 68 | 30°29'45" | 99°43'19" | Edwards-Trinity Plateau | -- | -2.2 | 3.8 | 3 | |
| 68 | 30°30'28" | 99°40'55" | Edwards-Trinity Plateau | -- | -4.0 | 8.2 | 6.8 | |
| 68 | 30°33'10" | 99°36'02" | Edwards-Trinity Plateau | Ellenburger-San Saba | 6.3 | 22.0 | 15 | |
| 68 | 30°41'14" | 99°21'25" | -- | Ellenburger-San Saba | -3.8 | 7.0 | 37 | |
| 68 | 30°38'57" | 99°14'48" | -- | -- | 4.0 | 10.2 | 44 | |
| 68 | 30°39'41" | 99°06'18" | -- | -- | -7 | 10.7 | 54.2 | |
| 68 | 30°42'34" | 98°58'40" | -- | -- | 4.0 | 4.8 | 64.9 | |
| 68 | 30°42'20" | 98°55'40" | -- | -- | -8.0 | 5.0 | 69.7 | Castell gaging station (08151000) |
| 68 | 30°42'58" | 98°50'51" | -- | -- | 5.0 | 7.6 | 74.7 | |
| 68 | 30°45'00" | 98°42'42" | -- | -- | -1.0 | .7 | 82.3 | |
| 68 | 30°45'10" | 98°40'30" | -- | -- | -3.1 | 10.0 | 83 | |
| 68 | 30°46'07" | 98°33'05" | -- | -- | 4.9 | 1.2 | 93 | |
| 68 | 30°44'38" | 98°32'58" | -- | -- | -1.0 | 4.5 | 94.2 | |
| 68 | 30°42'06" | 98°29'39" | -- | -- | 2.0 | 6.3 | 98.7 | |
| 69 | 31°26'43" | 101°08'09" | -- | -- | -1 | 6.8 | 0 | mouth of Kiowa Creek |
| 69 | 31°24'34" | 101°03'57" | -- | -- | 0 | 1.0 | 6.8 | |
| 69 | 31°24'27" | 101°03'03" | -- | -- | .3 | .7 | 7.8 | |
| 69 | 31°24'23" | 100°02'24" | -- | -- | -3 | 3.1 | 8.5 | |
| 69 | 31°23'07" | 101°00'46" | -- | -- | .9 | 1.5 | 11.6 | |
| 69 | 31°22'21" | 101°00'00" | -- | -- | .1 | 10.6 | 13.1 | |
| 69 | 31°25'06" | 100°47'34" | -- | -- | -5 | 6.0 | 23.7 | |
| 69 | 31°25'15" | 100°43'08" | -- | -- | -1.1 | 6.8 | 29.7 | |
| 69 | 31°24'40" | 100°37'44" | -- | -- | -1 | 1.7 | 36.5 | |
| 69 | 31°23'50" | 100°37'01" | -- | -- | 2.1 | 7.0 | 38.2 | |
| 69 | 31°22'04" | 100°33'54" | -- | -- | 5.2 | .5 | 45.2 | |
| 69 | 31°20'42" | 100°32'49" | -- | -- | -7.3 | 2.0 | 45.7 | |
| 70 | 31°24'05" | 100°50'34" | -- | -- | 3.9 | 22.0 | 0 | at San Angelo - Mertzon Rd crossing |
| 71 | 31°52'14" | 100°04'12" | -- | -- | 1.0 | .75 | 0 | at McIntyres Dam - 13 mi above Sterling, estimate |
| 71 | 31°52'04" | 100°04'12" | -- | -- | 1.4 | 2.25 | .75 | |
| 71 | 31°51'03" | 100°03'21" | -- | -- | -2 | 1.0 | 3 | |
| 71 | 31°50'27" | 100°02'56" | -- | -- | .3 | .5 | 4 | |
| 71 | 31°50'24" | 100°02'42" | -- | -- | -2 | 2.0 | 4.5 | |
| 71 | 31°50'02" | 100°01'22" | -- | -- | 1.9 | 1.0 | 6.5 | |
| 71 | 31°50'01" | 100°00'32" | -- | -- | .2 | 1.5 | 7.5 | estimate |
| 71 | 31°50'03" | 100°01'15" | -- | -- | .6 | .5 | 9 | |
| 71 | 31°50'03" | 100°01'01" | -- | -- | 0 | 1.5 | 9.5 | estimate |
| 71 | 31°49'59" | 100°00'36" | -- | -- | -1 | 2.0 | 11 | estimate |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 71 | 31°50'06" | 100°00'14" | -- | -- | -0.1 | 1.0 | 13 | |
| 71 | 31°49'47" | 100°59'31" | -- | -- | 0 | 6.0 | 14 | |
| 71 | 31°47'52" | 100°56'13" | -- | -- | 0 | 3.0 | 20 | |
| 71 | 31°46'51" | 100°54'32" | -- | -- | .3 | 1.0 | 23 | |
| 71 | 31°46'31" | 100°53'56" | -- | -- | -.3 | 8.0 | 24 | |
| 71 | 31°43'59" | 100°50'06" | -- | -- | 0 | 7.0 | 32 | |
| 71 | 31°42'13" | 100°48'18" | -- | -- | .9 | 5.0 | 39 | |
| 71 | 31°40'01" | 100°45'10" | -- | -- | .9 | 1.0 | 44 | |
| 71 | 31°39'37" | 100°44'13" | -- | -- | .9 | .5 | 45 | |
| 71 | 31°39'31" | 100°43'51" | -- | -- | -1.0 | 6.0 | 45.5 | |
| 71 | 31°36'59" | 100°40'26" | -- | -- | -.1 | 4.5 | 51.5 | |
| 71 | 31°35'42" | 100°38'49" | -- | -- | 0 | .5 | 56 | |
| 71 | 31°35'32" | 100°38'27" | -- | -- | -.2 | 4.0 | 56.5 | |
| 71 | 31°34'00" | 100°36'14" | -- | -- | -1.3 | 4.5 | 60.5 | |
| 71 | 31°32'30" | 100°33'14" | -- | -- | .2 | 1.0 | 65 | |
| 71 | 31°32'17" | 100°32'42" | -- | -- | -.1 | 5.0 | 66 | estimate |
| 71 | 31°29'42" | 100°29'38" | -- | Lipan | .1 | 6.0 | 71 | estimate |
| 71 | 31°27'56" | 100°26'49" | -- | Lipan | 0 | 1.0 | 77 | |
| 72 | 31°53'18" | 100°04'51" | -- | -- | .2 | 2.0 | 0 | 2 mi above McIntyres Dam |
| 72 | 31°52'14" | 100°04'12" | -- | -- | 1.0 | 1.5 | 2 | estimate |
| 72 | 31°51'31" | 100°03'14" | -- | -- | .2 | 8.1 | 3.5 | |
| 72 | 31°49'59" | 100°59'38" | -- | -- | 0 | .5 | 11.6 | |
| 72 | 31°49'44" | 100°59'24" | -- | -- | -.4 | 11.4 | 12.1 | |
| 72 | 31°46'03" | 100°52'22" | -- | -- | .9 | 3.4 | 23.5 | |
| 72 | 31°44'33" | 100°50'20" | -- | -- | 1.3 | 4.4 | 26.9 | |
| 72 | 31°39'53" | 100°45'03" | -- | -- | .7 | 5.7 | 31.3 | |
| 72 | 31°35'33" | 100°38'09" | -- | -- | -.8 | 8.6 | 37 | |
| 72 | 31°32'25" | 100°32'52" | -- | Lipan | -.6 | 8.8 | 45.6 | |
| 72 | 31°27'57" | 100°26'49" | -- | Lipan | -.2 | .9 | 54.4 | gaging station (08133500) |
| 73 | 31°49'41" | 100°58'37" | -- | -- | -.1 | 3.0 | 0 | at Sterling City |
| 73 | 31°48'30" | 100°57'07" | -- | -- | -1.0 | 6.0 | 3 | estimate |
| 73 | 31°46'17" | 100°53'20" | -- | -- | 1.3 | 11.0 | 9 | |
| 73 | 31°39'37" | 100°43'04" | -- | -- | .7 | 7.0 | 20 | |
| 73 | 31°35'57" | 100°39'03" | -- | -- | -2.0 | 3.0 | 27 | estimate |
| 73 | 31°34'54" | 100°37'04" | -- | Lipan | 0 | 18.0 | 30 | |
| 74 | 30°27'30" | 100°11'20" | Edwards-Trinity Plateau | -- | 12.7 | 2.1 | 0 | at road crossing 10.2 mi above Roosevelt |
| 74 | 30°28'33" | 100°09'50" | Edwards-Trinity Plateau | -- | 2.8 | 8.1 | 2.1 | |
| 74 | 30°29'29" | 100°03'03" | Edwards-Trinity Plateau | -- | -.2 | 1.9 | 10.2 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 74 | 30°29'00" | 100°01'51" | Edwards-Trinity Plateau | -- | 0.2 | 3.9 | 12.1 | |
| 74 | 30°29'23" | 99°58'39" | Edwards-Trinity Plateau | -- | -.3 | .7 | 16 | |
| 74 | 30°29'25" | 99°57'52" | Edwards-Trinity Plateau | -- | 0 | 4.3 | 16.7 | |
| 74 | 30°30'07" | 99°54'15" | Edwards-Trinity Plateau | -- | .9 | 4.0 | 21 | |
| 74 | 30°30'52" | 99°52'03" | Edwards-Trinity Plateau | -- | -.5 | 2.3 | 25 | |
| 74 | 30°31'05" | 99°48'42" | Edwards-Trinity Plateau | -- | -8.7 | 4.5 | 27.3 | |
| 75 | 30°09'38" | 98°05'27" | Trinity | -- | 33.0 | 10.0 | 0 | at FM 12, estimate |
| 75 | 30°07'39" | 98°00'36" | Trinity | -- | 2.2 | 4.0 | 10 | |
| 75 | 30°05'00" | 98°00'25" | Edwards, Trinity | -- | 2.9 | 6.0 | 14 | |
| 75 | 30°03'06" | 97°57'36" | Edwards | -- | -6.7 | 5.6 | 20 | |
| 75 | 30°04'11" | 97°53'10" | Edwards | -- | -3.0 | 3.4 | 25.6 | |
| 75 | 30°05'07" | 97°50'53" | -- | -- | 13.6 | 12.1 | 29 | |
| 75 | 30°09'32" | 97°46'07" | -- | -- | 14.5 | 14.0 | 41.1 | |
| 75 | 30°11'19" | 97°37'09" | -- | -- | -81.4 | 4.1 | 55.1 | |
| 76 | 30°04'59" | 98°00'28" | Trinity | -- | 7.6 | 1.8 | 46 | at FM 150 |
| 76 | 30°05'15" | 97°59'06" | Edwards, Trinity | -- | -5.8 | 1.5 | 44.2 | |
| 76 | 30°04'37" | 97°58'43" | Edwards | -- | -2.0 | 1.4 | 42.7 | |
| 76 | 30°03'37" | 97°58'39" | Edwards | -- | -1.0 | 1.4 | 41.3 | |
| 76 | 30°03'06" | 97°57'34" | Edwards | -- | -34.5 | 1.4 | 39.9 | |
| 76 | 30°03'00" | 97°56'15" | Edwards | -- | -21.3 | 1.1 | 38.5 | |
| 76 | 30°03'41" | 97°55'34" | Edwards | -- | -35.7 | 3.4 | 37.4 | |
| 76 | 30°04'12" | 97°53'09" | Edwards | -- | .06 | 1.3 | 34 | |
| 76 | 30°04'24" | 97°52'07" | -- | -- | .97 | 1.2 | 32.7 | |
| 76 | 30°04'35" | 97°51'05" | -- | -- | .29 | .7 | 31.5 | |
| 76 | 30°05'08" | 97°50'51" | -- | -- | 3.5 | 7.1 | 30.8 | |
| 76 | 30°08'06" | 97°47'51" | -- | -- | 5.9 | 7.8 | 23.7 | |
| 76 | 30°10'40" | 97°44'40" | -- | -- | -72 | 5.3 | 15.9 | |
| 77 | 30°17'04" | 99°13'41" | Edwards-Trinity Plateau | -- | .3 | .5 | 0 | 2 mi below Harper |
| 77 | 30°16'43" | 99°13'24" | Edwards-Trinity Plateau, Trinity | -- | 0 | 1.8 | .5 | |
| 77 | 30°15'56" | 99°12'00" | Trinity | -- | 0 | 1.7 | 2.3 | |
| 77 | 30°15'54" | 99°10'28" | Trinity | -- | -.05 | 1.7 | 4 | |
| 77 | 30°14'59" | 99°10'00" | Trinity | -- | -.55 | 2.6 | 5.7 | |
| 77 | 30°14'29" | 99°07'59" | Trinity | -- | .2 | .9 | 8.3 | |
| 77 | 30°14'24" | 99°07'14" | Trinity | -- | -.1 | 2.2 | 9.2 | |
| 77 | 30°14'15" | 99°06'04" | Trinity | -- | -.1 | 1.9 | 11.4 | |
| 77 | 30°14'27" | 99°04'43" | Trinity | -- | 0 | 1.4 | 13.3 | |
| 77 | 30°13'54" | 99°03'37" | Trinity | -- | 0 | 1.8 | 14.7 | |
| 77 | 30°13'24" | 99°02'18" | Trinity | -- | .05 | 1.5 | 16.5 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 77 | 30°12'52" | 99°01'19" | Trinity | -- | 0.05 | 1.5 | 18 | |
| 77 | 30°12'33" | 99°00'17" | Trinity | -- | .3 | 1.1 | 19.5 | |
| 77 | 30°12'32" | 98°59'26" | Trinity | -- | .7 | .8 | 20.6 | |
| 77 | 30°12'26" | 98°58'45" | Trinity | -- | -.1 | .1 | 21.4 | |
| 77 | 30°12'21" | 98°58'41" | Trinity | -- | .2 | 2.0 | 21.5 | |
| 77 | 30°12'29" | 98°57'00" | Trinity | -- | .08 | 1.6 | 23.5 | |
| 77 | 30°13'28" | 98°55'49" | Trinity | -- | .29 | .9 | 25.1 | |
| 77 | 30°13'14" | 98°55'09" | Trinity | -- | -.06 | 1.1 | 26 | |
| 77 | 30°13'21" | 98°54'20" | Trinity | -- | .14 | 1.7 | 27.1 | |
| 77 | 30°13'11" | 98°52'33" | Trinity | -- | -.24 | 2.2 | 28.8 | |
| 77 | 30°13'23" | 98°51'18" | Trinity | -- | -.09 | 1.3 | 31 | |
| 77 | 30°13'07" | 98°49'45" | Trinity | -- | -.06 | 2.1 | 32.3 | |
| 77 | 30°13'28" | 98°49'04" | Trinity | -- | .41 | 2.2 | 34.4 | |
| 77 | 30°13'28" | 98°49'04" | Trinity | -- | .05 | 1.8 | 36.6 | |
| 77 | 30°13'52" | 98°48'24" | Trinity | -- | 1.6 | 1.6 | 38.4 | |
| 77 | 30°13'46" | 98°44'57" | Trinity | -- | 1.16 | 1.5 | 40 | |
| 77 | 30°13'48" | 98°43'56" | Trinity | -- | -.05 | 3.1 | 41.5 | |
| 77 | 30°13'43" | 98°42'09" | Trinity | -- | -.27 | 2.1 | 44.6 | |
| 77 | 30°13'55" | 98°41'16" | Trinity | -- | 1.13 | 2.1 | 46.7 | |
| 77 | 30°14'31" | 98°39'17" | Trinity | -- | -.86 | 1.2 | 48.8 | |
| 77 | 30°14'16" | 98°37'13" | Trinity | -- | 1.4 | 2.2 | 50 | |
| 77 | 30°15'43" | 98°34'32" | -- | -- | -.12 | 4.3 | 52.2 | |
| 77 | 30°16'19" | 98°32'58" | -- | -- | -.45 | 1.7 | 56.5 | |
| 77 | 30°16'06" | 98°31'34" | -- | -- | -.32 | 1.6 | 58.2 | |
| 77 | 30°16'10" | 98°31'13" | -- | -- | -.03 | 2.2 | 59.8 | |
| 77 | 30°18'11" | 98°30'24" | -- | -- | .51 | 1.3 | 62 | |
| 77 | 30°19'10" | 98°29'20" | -- | Ellenburger-San Saba | -.36 | 6.7 | 63.3 | |
| 78 | 30°17'04" | 99°13'41" | Edwards-Trinity Plateau | -- | .5 | .5 | 0 | 2 mi below Harper |
| 78 | 30°16'43" | 99°13'23" | Edwards-Trinity Plateau, Trinity | -- | .62 | 1.9 | .5 | |
| 78 | 30°15'56" | 99°12'00" | Trinity | -- | -.28 | 2.8 | 2.4 | |
| 78 | 30°15'27" | 99°10'06" | Trinity | -- | .61 | 3.1 | 5.2 | |
| 78 | 30°14'29" | 99°07'59" | Trinity | -- | -.22 | 2.1 | 8.3 | |
| 78 | 30°14'48" | 99°06'25" | Trinity | -- | -.18 | 3.9 | 10.4 | |
| 78 | 30°14'05" | 99°03'52" | Trinity | -- | -.59 | 3.7 | 14.3 | |
| 79 | 30°14'05" | 99°03'52" | Trinity | -- | .36 | 3.7 | 14.3 | county road crossing |
| 79 | 30°14'05" | 99°03'52" | Trinity | -- | -.37 | 2.6 | 18 | |
| 79 | 30°12'32" | 98°59'27" | Trinity | -- | .39 | 2.4 | 20.6 | 1 mi above SH 16 |
| 79 | 30°12'28" | 98°57'22" | Trinity | -- | 1.23 | 4.7 | 23 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 79 | 30°13'07" | 98°53'47" | Trinity | -- | 0.12 | 3.7 | 27.7 | |
| 79 | 30°13'24" | 98°50'26" | Trinity | -- | -.51 | 3.0 | 31.4 | |
| 79 | 30°13'37" | 98°49'05" | Trinity | -- | 1.52 | 4.0 | 34.4 | US 290 |
| 79 | 30°14'17" | 98°47'01" | Trinity | -- | .72 | 4.7 | 38.4 | |
| 79 | 30°14'04" | 98°45'21" | Trinity | -- | 2.68 | 2.6 | 43.1 | |
| 79 | 30°14'03" | 98°41'29" | Trinity | -- | 2.3 | 3.7 | 45.7 | |
| 79 | 30°14'22" | 98°39'07" | Trinity | -- | -.9 | 3.8 | 49.4 | |
| 79 | 30°14'42" | 98°35'43" | Trinity | -- | .7 | 3.8 | 53.2 | |
| 79 | 30°16'19" | 98°32'42" | -- | -- | -1.17 | 3.0 | 57 | FM 1320 |
| 79 | 30°17'05" | 98°30'04" | -- | -- | .42 | 3.1 | 60 | |
| 79 | 30°19'13" | 98°29'25" | -- | -- | -1.4 | 2.1 | 63.1 | |
| 79 | 30°19'24" | 98°27'52" | -- | Ellenburger-San Saba | .3 | 2.6 | 65.2 | |
| 79 | 30°18'16" | 98°25'18" | -- | Ellenburger-San Saba | -1.87 | 2.2 | 67.8 | |
| 79 | 30°17'27" | 98°24'00" | Trinity | Ellenburger-San Saba | .3 | 3.7 | 70 | gaging station (08153500) |
| 79 | 30°17'54" | 98°21'46" | Trinity | Ellenburger-San Saba | 1.3 | 9.4 | 73.7 | |
| 79 | 30°18'10" | 98°18'34" | Trinity | Ellenburger-San Saba, Marble Falls | 4.15 | 7.6 | 83.1 | |
| 79 | 30°18'42" | 98°14'13" | Trinity | -- | 1.2 | 5.8 | 90.7 | |
| 79 | 30°20'12" | 98°11'45" | Trinity | -- | .84 | 6.5 | 96.5 | |
| 80 | 30°49'57" | 100°06'50" | Edwards-Trinity Plateau | -- | 2.5 | 1.0 | 0 | 0.5 mi above Fort McKavett |
| 80 | 30°50'03" | 100°05'34" | Edwards-Trinity Plateau | -- | .5 | 7.0 | 1 | |
| 80 | 30°52'13" | 100°00'10" | Edwards-Trinity Plateau | -- | -.3 | 5.5 | 8 | |
| 80 | 30°54'00" | 99°54'43" | Edwards-Trinity Plateau | -- | -.7 | 3.5 | 13.5 | |
| 80 | 30°54'27" | 99°52'03" | Edwards-Trinity Plateau | -- | -1.6 | 4.0 | 17 | |
| 80 | 30°55'07" | 99°47'06" | Edwards-Trinity Plateau | -- | 1.1 | 5.0 | 21 | |
| 80 | 30°55'12" | 99°43'20" | Edwards-Trinity Plateau | -- | -4.0 | 5.0 | 26 | |
| 80 | 30°53'24" | 99°41'22" | Edwards-Trinity Plateau | -- | -2.6 | 4.0 | 31 | |
| 80 | 30°52'35" | 99°39'11" | Edwards-Trinity Plateau | -- | -3.1 | 6.0 | 35 | |
| 80 | 30°52'47" | 99°35'31" | -- | Ellenburger-San Saba | -.8 | 9.0 | 41 | |
| 80 | 30°55'01" | 99°27'20" | -- | Ellenburger-San Saba | .1 | 10.0 | 50 | |
| 80 | 31°00'06" | 99°15'13" | -- | -- | .6 | 4.0 | 60 | |
| 80 | 31°00'53" | 99°11'54" | -- | Hickory | -.1 | 5.0 | 64 | |
| 80 | 31°02'01" | 99°08'11" | -- | Ellenburger-San Saba, Hickory | -.9 | 3.0 | 69 | |
| 80 | 31°03'27" | 99°05'10" | -- | Ellenburger-San Saba | -1.3 | 1.0 | 72 | |
| 80 | 31°02'56" | 99°03'55" | -- | Ellenburger-San Saba, Marble Falls | 18.3 | 7.0 | 73 | |
| 80 | 31°07'38" | 98°59'13" | -- | Marble Falls | 0 | .1 | 80 | |
| 81 | 30°50'03" | 100°05'34" | Edwards-Trinity Plateau | -- | -3.0 | 5.7 | 1 | at first McKavett - Menard crossing |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 81 | 30°52'02" | 100°01'15" | Edwards-Trinity Plateau | -- | 4.6 | 6.0 | 6.7 | |
| 81 | 30°54'04" | 99°55'02" | Edwards-Trinity Plateau | -- | -2 | 2.7 | 12.7 | |
| 81 | 30°54'37" | 99°51'34" | Edwards-Trinity Plateau | -- | -1.8 | 1.6 | 15.4 | |
| 81 | 30°55'27" | 99°50'43" | Edwards-Trinity Plateau | -- | 4.4 | 4.9 | 17 | |
| 82 | 31°12'06" | 98°52'52" | -- | -- | -9 | 14.0 | 0 | damsite at Dorans Ranch 20 mi above San Saba |
| 83 | 30°50'10" | 100°04'55" | Edwards-Trinity Plateau | -- | 5.7 | 13.8 | 0 | 1 mi below Fort McKavett Springs |
| 83 | 30°53'56" | 99°54'36" | Edwards-Trinity Plateau | -- | 2.0 | 7.2 | 13.8 | |
| 83 | 30°55'07" | 99°47'06" | Edwards-Trinity Plateau | -- | 16.0 | 20.0 | 21 | |
| 83 | 30°52'47" | 99°35'31" | -- | Ellenburger-San Saba | -2.9 | 15.0 | 41 | |
| 83 | 30°55'13" | 99°26'49" | -- | Ellenburger-San Saba, Marble Falls | 6.9 | 20.0 | 56 | |
| 83 | 31°07'38" | 98°59'13" | -- | Marble Falls | -2.6 | 5.0 | 76 | |
| 83 | 31°09'22" | 98°55'26" | -- | Marble Falls | 1.0 | 14.0 | 81 | |
| 83 | 31°12'46" | 98°43'05" | -- | -- | 2.0 | 2.6 | 95 | |
| 83 | 31°12'05" | 98°42'44" | -- | -- | 0 | 1.2 | 97.6 | |
| 83 | 31°12'10" | 98°41'44" | -- | -- | -30.6 | 6.2 | 98.8 | |
| 84 | 30°12'32" | 97°54'10" | Edwards, Trinity | -- | -47.3 | 5.2 | 12.9 | at FM 1826 |
| 84 | 30°10'08" | 97°51'32" | Edwards | -- | -3.9 | .9 | 7.7 | |
| 84 | 30°10'03" | 97°50'51" | -- | -- | -7.7 | .3 | 6.8 | |
| 84 | 30°09'48" | 97°50'40" | -- | -- | -2.73 | .2 | 6.5 | |
| 84 | 30°09'42" | 97°50'33" | -- | -- | 0 | .8 | 6.3 | |
| 85 | 30°12'32" | 97°54'10" | Edwards, Trinity | -- | -1.7 | 1.5 | 12.9 | at FM 1826 |
| 85 | 30°11'53" | 97°52'53" | Edwards | -- | -5.56 | 1.3 | 11.4 | |
| 85 | 30°11'34" | 97°51'55" | Edwards | -- | -2.18 | .2 | 10.1 | |
| 85 | 30°11'24" | 97°51'54" | Edwards | -- | -2.36 | .2 | 9.9 | |
| 85 | 30°11'24" | 97°51'43" | Edwards | -- | 0 | 1.2 | 9.7 | |
| 85 | 30°10'32" | 97°51'29" | Edwards | -- | 0 | .8 | 8.5 | |
| 85 | 30°10'08" | 97°51'32" | Edwards | -- | 0 | .9 | 7.7 | |
| 85 | 30°10'03" | 97°50'51" | -- | -- | .02 | 1.3 | 6.8 | |
| 85 | 30°09'42" | 97°49'54" | -- | -- | 1.33 | 1.4 | 5.5 | |
| 86 | 31°07'38" | 100°29'49" | Edwards-Trinity Plateau | -- | 16.5 | 5.0 | 0 | at Main Springs - 5 mi above Christoval, site now inundated by Lake Nasworthy |
| 86 | 31°11'13" | 100°29'56" | Edwards-Trinity Plateau | -- | 4.6 | 9.4 | 5 | site now inundated by Lake Nasworthy |
| 86 | 31°20'21" | 100°28'37" | -- | Lipan | -1.3 | 6.4 | 14.4 | site now inundated by Lake Nasworthy |
| 86 | 31°23'59" | 100°26'34" | -- | Lipan | -2 | 4.0 | 20.8 | site now inundated by Lake Nasworthy |
| 87 | 31°20'12" | 100°28'48" | -- | -- | 2.2 | 1.0 | 11.8 | just above Middle Concho River, site now inundated by Lake Nasworthy |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 88 | 31°11'13" | 100°30'00" | Edwards-Trinity Plateau | -- | 2.6 | 11.8 | 0 | 300 ft below Christoval Canal, site now inundated by Lake Nasworthy |
| 88 | 31°22'29" | 100°28'51" | -- | -- | 10.6 | .7 | 11.8 | site now inundated by Lake Nasworthy |
| 88 | 31°22'50" | 100°29'24" | -- | Lipan | -5.8 | 3.0 | 12.5 | site now inundated by Lake Nasworthy |
| 88 | 31°24'02" | 100°26'38" | -- | Lipan | .4 | 1.0 | 15.5 | site now inundated by Lake Nasworthy |
| 88 | 31°24'27" | 100°26'52" | -- | Lipan | 2.7 | 2.8 | 16.5 | site now inundated by Lake Nasworthy |
| 88 | 31°26'05" | 100°25'40" | -- | Lipan | 2.8 | .5 | 19.3 | site now inundated by Lake Nasworthy |
| 89 | 31°09'49" | 100°30'07" | Edwards-Trinity Plateau | -- | -1.52 | 2.0 | 0 | 2.1 mi south of Christoval |
| 89 | 31°11'14" | 100°30'03" | Edwards-Trinity Plateau | -- | .27 | 2.8 | 2 | |
| 89 | 31°13'20" | 100°30'10" | -- | -- | -1.47 | 4.2 | 4.8 | |
| 89 | 31°16'29" | 100°30'14" | -- | -- | -1.92 | 3.0 | 9 | |
| 90 | 30°18'38" | 99°54'34" | Edwards-Trinity Plateau | -- | 2.3 | 18.5 | .5 | 0.5 mi below Paint Creek |
| 91 | 30°14'14" | 99°58'15" | Edwards-Trinity Plateau | -- | 1.5 | 1.7 | 0 | just below confluence of West and South Forks, estimate |
| 91 | 30°15'13" | 99°57'10" | Edwards-Trinity Plateau | -- | 4.8 | 1.0 | 1.7 | estimate |
| 91 | 30°15'46" | 99°55'59" | Edwards-Trinity Plateau | -- | 16.9 | 1.1 | 2.7 | |
| 91 | 30°16'19" | 99°55'13" | Edwards-Trinity Plateau | -- | .1 | 2.9 | 3.8 | |
| 91 | 30°18'14" | 99°54'16" | Edwards-Trinity Plateau | -- | -1.4 | .3 | 6.7 | |
| 91 | 30°18'27" | 99°54'27" | Edwards-Trinity Plateau | -- | -1.4 | 1.6 | 7 | |
| 91 | 30°19'36" | 99°54'09" | Edwards-Trinity Plateau | -- | 5.9 | 7.8 | 8.6 | |
| 91 | 30°24'18" | 99°50'27" | Edwards-Trinity Plateau | -- | .3 | 9.5 | 16.4 | |
| 92 | 31°13'24" | 100°48'50" | Edwards-Trinity Plateau | -- | 11.5 | .1 | 0 | just below Seven Springs, estimate |
| 92 | 31°13'26" | 100°48'46" | Edwards-Trinity Plateau | -- | 1.0 | 2.9 | .1 | |
| 92 | 31°15'33" | 100°48'36" | Edwards-Trinity Plateau | -- | 4.8 | 3.7 | 3 | |
| 92 | 31°18'06" | 100°47'09" | -- | -- | .5 | 3.9 | 6.7 | |
| 92 | 31°19'37" | 100°44'42" | -- | -- | -3.6 | 3.7 | 10.6 | |
| 92 | 31°20'15" | 100°41'34" | -- | -- | .4 | 2.2 | 14.3 | |
| 92 | 31°20'26" | 100°39'36" | -- | -- | -4.8 | 1.2 | 16.5 | |
| 92 | 31°19'55" | 100°38'31" | -- | -- | .8 | 1.0 | 17.7 | |
| 92 | 31°19'42" | 100°37'37" | -- | -- | 10.6 | 1.2 | 18.7 | |
| 92 | 31°19'45" | 100°36'25" | -- | -- | 2.2 | 2.8 | 19.9 | |
| 92 | 31°20'00" | 100°34'01" | -- | -- | 2.2 | 3.8 | 22.7 | |
| 93 | 31°13'24" | 100°48'50" | Edwards-Trinity Plateau | -- | 8.0 | .1 | 0 | just above Seven Springs |
| 93 | 31°13'26" | 100°48'46" | Edwards-Trinity Plateau | -- | -6 | 2.9 | .1 | |
| 93 | 31°15'53" | 100°48'36" | Edwards-Trinity Plateau | -- | 0 | .4 | 3 | |
| 93 | 31°16'09" | 100°48'36" | Edwards-Trinity Plateau | -- | .3 | 3.6 | 3.4 | estimate |
| 93 | 31°18'23" | 100°46'48" | -- | -- | 1.1 | 4.0 | 7 | estimate |
| 93 | 31°19'37" | 100°44'42" | -- | -- | 1.1 | 5.0 | 11 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 93 | 31°20'16" | 100°40'37" | -- | -- | 0.2 | 4.0 | 16 | |
| 93 | 31°19'51" | 100°36'03" | -- | -- | .4 | 5.0 | 20 | |
| 93 | 31°19'52" | 100°34'30" | -- | -- | 0 | 2.0 | 25 | estimate |
| 94 | 30°14'06" | 97°51'36" | -- | -- | -8.2 | 3.7 | 14 | 0.8 mi east of intersection of US 290 and SH 71 |
| 94 | 30°13'10" | 97°48'47" | -- | -- | -3.5 | .5 | 10.3 | |
| 94 | 30°13'17" | 97°48'18" | -- | -- | -.9 | .4 | 9.8 | |
| 94 | 30°13'23" | 97°47'52" | -- | -- | .37 | .8 | 9.4 | |
| 95 | 30°14'12" | 97°52'25" | Trinity | -- | 3.35 | .8 | 14.8 | 1,300 ft above Old Oak Hill - Bee Cave Rd |
| 95 | 30°14'06" | 97°51'36" | Edwards | -- | -4.07 | .5 | 14 | |
| 95 | 30°13'45" | 97°51'11" | Edwards | -- | -1.27 | .9 | 13.5 | |
| 95 | 30°13'30" | 97°50'35" | Edwards | -- | -3.6 | .8 | 12.6 | |
| 95 | 30°13'26" | 97°49'59" | Edwards | -- | -.49 | .6 | 11.8 | |
| 95 | 30°13'22" | 97°49'26" | Edwards | -- | -1.87 | 1.0 | 11.2 | |
| 95 | 30°12'55" | 97°48'58" | -- | -- | .83 | .1 | 10.2 | |
| 95 | 30°13'10" | 97°48'47" | -- | -- | -.83 | .5 | 10.3 | |
| 95 | 30°13'17" | 97°48'18" | -- | -- | 6.4 | .4 | 9.8 | |
| 95 | 30°13'23" | 97°47'52" | -- | -- | -5.78 | .8 | 9.4 | |
| 95 | 30°13'15" | 97°47'35" | -- | -- | -.13 | .5 | 8.6 | |
| 95 | 30°12'59" | 97°47'18" | -- | -- | -.15 | .7 | 8.1 | |
| 95 | 30°12'42" | 97°46'44" | -- | -- | 2.73 | 6.1 | 7.4 | |
| 96 | 30°10'26" | 99°00'41" | Trinity | -- | .37 | 2.3 | 12.1 | 12.1 mi above mouth |
| 96 | 30°10'40" | 99°00'11" | Trinity | -- | -.01 | 1.5 | 9.8 | |
| 96 | 30°11'02" | 98°59'46" | Trinity | -- | 1.64 | 4.7 | 8.3 | |
| 96 | 30°11'57" | 98°59'08" | Trinity | -- | -.1 | 3.6 | 3.6 | |
| 97 | 29°59'39" | 98°11'45" | Trinity | -- | -.2 | 11.3 | 16.3 | at Fishers Store road crossing |
| 97 | 29°59'36" | 98°05'18" | Edwards, Trinity | -- | .3 | 11.0 | 27.6 | gaging station at Wimberley (08171000) |
| 97 | 30°00'24" | 97°57'24" | Edwards | -- | -10.1 | 1.8 | 38.6 | |
| 97 | 30°00'09" | 97°55'57" | Edwards | -- | -.3 | .1 | 40.4 | |
| 97 | 30°00'08" | 97°55'57" | Edwards | -- | 0 | 9.1 | 40.5 | |
| 98 | 30°05'56" | 98°20'29" | Trinity | -- | -1.51 | 5.3 | 0 | at east crossing of Chimney Valley Rd |
| 98 | 30°03'53" | 98°18'36" | Trinity | -- | 0 | 1.6 | 5.3 | |
| 98 | 30°03'04" | 98°18'46" | Trinity | -- | 0 | 2.7 | 6.9 | |
| 98 | 30°02'37" | 98°14'59" | Trinity | -- | 0 | 1.1 | 9.6 | |
| 98 | 30°03'03" | 98°14'03" | Trinity | -- | -.94 | .7 | 10.7 | |
| 98 | 30°02'40" | 98°13'42" | Trinity | -- | .08 | .8 | 11.4 | |
| 98 | 30°01'56" | 98°13'15" | Trinity | -- | 4.08 | .2 | 12.2 | |
| 98 | 30°01'49" | 98°13'07" | Trinity | -- | 2.92 | .9 | 12.4 | |
| 98 | 30°01'24" | 98°13'04" | Trinity | -- | -1.46 | .1 | 13.3 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 98 | 30°01'16" | 98°13'10" | Trinity | -- | -2.44 | 0.2 | 13.4 | |
| 98 | 30°01'09" | 98°13'07" | Trinity | -- | .47 | .3 | 13.6 | |
| 98 | 30°01'00" | 98°13'08" | Trinity | -- | -.34 | .3 | 13.9 | |
| 98 | 30°00'53" | 98°12'55" | Trinity | -- | .02 | .6 | 14.2 | |
| 98 | 30°00'51" | 98°12'24" | Trinity | -- | 13.94 | .6 | 14.8 | |
| 98 | 30°00'21" | 98°12'18" | Trinity | -- | .49 | 3.1 | 15.4 | |
| 98 | 29°58'28" | 98°11'58" | Trinity | -- | -1.4 | 1.9 | 18.5 | |
| 98 | 29°57'18" | 98°10'07" | Trinity | -- | 3.0 | 2.8 | 20.4 | |
| 98 | 29°58'07" | 98°08'07" | Trinity | -- | 2.7 | 1.6 | 23.2 | |
| 98 | 29°58'34" | 98°06'51" | Trinity | -- | 6.29 | 2.3 | 24.8 | |
| 99 | 30°00'23" | 97°57'23" | Edwards | -- | -4.6 | 2.0 | 11.4 | 1 mi above Halifax Creek |
| 99 | 30°00'20" | 97°56'03" | Edwards | -- | -8.5 | 2.2 | 13.4 | 0.75 mi below Halifax Creek |
| 100 | 30°05'56" | 98°20'29" | Trinity | -- | 0 | 4.8 | 0 | at east crossing of Chimney Valley Rd |
| 100 | 30°03'54" | 98°18'20" | Trinity | -- | 0 | 3.3 | 4.8 | |
| 100 | 30°03'05" | 98°17'32" | Trinity | -- | 0 | .9 | 8.1 | |
| 100 | 30°03'18" | 98°16'49" | Trinity | -- | 0 | .5 | 9 | |
| 100 | 30°03'09" | 98°16'10" | Trinity | -- | -.1 | .2 | 9.5 | |
| 100 | 30°02'43" | 98°14'56" | Trinity | -- | 0 | 2.8 | 9.7 | |
| 100 | 30°01'54" | 98°13'12" | Trinity | -- | 0 | 1.1 | 12.5 | |
| 100 | 30°01'37" | 98°12'46" | Trinity | -- | 2.68 | .1 | 13.6 | |
| 100 | 30°01'21" | 98°13'11" | Trinity | -- | -2.32 | .2 | 13.7 | |
| 100 | 30°01'09" | 98°13'07" | Trinity | -- | -.34 | .2 | 13.9 | |
| 100 | 30°00'55" | 98°13'08" | Trinity | -- | .09 | .2 | 14.1 | |
| 100 | 30°00'57" | 98°12'49" | Trinity | -- | -.11 | .6 | 14.3 | |
| 100 | 30°00'45" | 98°12'19" | Trinity | -- | 7.5 | 1.4 | 14.9 | |
| 100 | 29°59'39" | 98°11'45" | Trinity | -- | -.25 | 1.9 | 16.3 | |
| 100 | 29°58'31" | 98°12'05" | Trinity | -- | .05 | 2.2 | 18.2 | |
| 100 | 29°57'26" | 98°10'17" | Trinity | -- | -.17 | 2.8 | 20.4 | |
| 100 | 29°58'02" | 98°08'20" | Trinity | -- | .71 | 2.1 | 23.2 | |
| 100 | 29°58'55" | 98°06'54" | Trinity | -- | .11 | 2.3 | 25.3 | |
| 100 | 29°59'36" | 98°05'18" | Trinity | -- | .5 | 2.5 | 27.6 | gaging station at Wimberley (08171000) |
| 100 | 29°59'07" | 98°03'56" | Trinity | -- | .1 | 2.6 | 30.1 | |
| 100 | 29°59'01" | 98°03'09" | Trinity | -- | -.5 | 2.2 | 32.7 | |
| 100 | 29°58'47" | 98°01'44" | Edwards, Trinity | -- | 0 | 3.7 | 34.9 | |
| 100 | 30°00'24" | 97°57'24" | Edwards | -- | -9.24 | 1.3 | 38.6 | |
| 100 | 30°00'33" | 97°56'09" | Edwards | -- | -1.22 | .5 | 39.9 | |
| 100 | 30°00'09" | 97°55'57" | Edwards | -- | -.14 | .5 | 40.4 | |
| 100 | 29°59'39" | 97°55'42" | -- | -- | 0 | 1.0 | 40.9 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 100 | 29°59'20" | 97°55'20" | -- | -- | 0 | 4.0 | 41.9 | |
| 100 | 29°58'57" | 97°55'03" | -- | -- | 0 | 1.7 | 45.9 | |
| 100 | 29°58'27" | 97°55'08" | -- | -- | 0 | 2.0 | 47.6 | |
| 101 | 29°59'36" | 98°05'16" | Trinity | -- | 5.0 | 2.6 | .5 | gaging station at Wimberley (08171000) |
| 101 | 29°59'00" | 98°03'09" | Trinity | -- | 1.6 | 2.6 | 3.1 | |
| 101 | 29°59'04" | 98°01'20" | Trinity | -- | -1 | 2.2 | 5.7 | |
| 101 | 29°59'50" | 98°00'02" | Edwards, Trinity | -- | -4.8 | 3.7 | 7.9 | |
| 101 | 30°00'15" | 97°57'19" | Edwards | -- | -6.7 | 1.3 | 11.6 | |
| 101 | 30°00'33" | 97°56'09" | Edwards | -- | -8.9 | 3.8 | 12.9 | |
| 102 | 29°59'37" | 98°05'15" | Edwards, Trinity | -- | 29.0 | 11.4 | 0 | road crossing at Wimberley |
| 102 | 30°00'23" | 97°57'23" | Edwards | -- | -15.0 | 8.0 | 11.4 | |
| 103 | 29°59'37" | 98°05'15" | Trinity | -- | -1.5 | 3.7 | 0 | at Falls about 1 mi above Halifax Creek |
| 103 | 29°59'06" | 98°02'20" | Edwards, Trinity | -- | 4.5 | 7.7 | 3.7 | |
| 103 | 30°00'23" | 97°57'23" | Edwards | -- | -15.8 | 8.0 | 11.4 | |
| 104 | 29°33'02" | 98°16'22" | -- | -- | 1.56 | 10.0 | 0 | at FM 78 at Schertz |
| 104 | 29°30'16" | 98°11'21" | Carrizo-Wilcox | -- | .23 | 19.0 | 10 | |
| 104 | 29°22'11" | 98°06'52" | Carrizo-Wilcox | -- | 2.11 | 4.6 | 29 | |
| 104 | 29°19'17" | 98°04'30" | Carrizo-Wilcox | -- | 6.85 | 2.4 | 33.6 | |
| 104 | 29°17'19" | 98°03'36" | -- | -- | .8 | 2.0 | 36 | |
| 104 | 29°16'30" | 98°02'22" | -- | -- | 2.4 | 24.0 | 38 | |
| 105 | 30°02'39" | 99°00'21" | Trinity | -- | 2.51 | .5 | 10.4 | at bridge on FM 1341 |
| 105 | 30°02'22" | 99°00'06" | Trinity | -- | .31 | 5.5 | 9.9 | |
| 105 | 30°01'00" | 98°58'35" | Trinity | -- | .53 | 4.0 | 4.4 | |
| 106 | 29°41'47" | 98°06'24" | Trinity | -- | 60.0 | 1.8 | 8.2 | |
| 106 | 29°40'58" | 98°05'25" | Trinity | -- | 3.5 | 14.7 | 10 | at cave about 2.5 mi below gaging station (08167500) |
| 107 | 29°48'30" | 98°10'23" | Trinity | -- | -4.41 | .2 | .1 | below outlet pipe at Canyon Dam |
| 107 | 29°48'15" | 98°10'24" | Trinity | -- | 17.99 | 1.3 | .3 | |
| 107 | 29°48'23" | 98°09'29" | Trinity | -- | -23.0 | .3 | 1.6 | |
| 107 | 29°48'22" | 98°09'10" | Trinity | -- | 19.0 | 1.0 | 1.9 | |
| 107 | 29°47'44" | 98°08'54" | Trinity | -- | -20.15 | .7 | 2.9 | |
| 108 | 29°48'30" | 98°10'23" | Trinity | -- | .13 | .2 | .1 | below outlet pipe at Canyon Dam |
| 108 | 29°48'15" | 98°10'24" | Trinity | -- | .48 | 1.3 | .3 | |
| 108 | 29°48'23" | 98°09'29" | Trinity | -- | 1.6 | 1.3 | 1.6 | |
| 108 | 29°47'44" | 98°08'54" | Trinity | -- | -1.91 | .7 | 2.9 | |
| 109 | 29°48'30" | 98°10'23" | Trinity | -- | -64 | .2 | .1 | below outlet pipe at Canyon Dam |
| 109 | 29°48'15" | 98°10'24" | Trinity | -- | 2.68 | 1.3 | .3 | |
| 109 | 29°48'23" | 98°09'29" | Trinity | -- | -2.4 | 1.3 | 1.6 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 109 | 29°47'44" | 98°08'54" | Trinity | -- | 3.17 | 0.7 | 2.9 | |
| 110 | 29°57'12" | 98°55'08" | Trinity | -- | 4.8 | 6.4 | 0 | 2 mi above Comfort gaging station (08167000) |
| 110 | 29°58'10" | 98°51'45" | Trinity | -- | .1 | 5.8 | 6.4 | |
| 110 | 29°57'17" | 98°48'03" | Trinity | -- | 4.7 | 7.5 | 12.2 | |
| 110 | 29°57'24" | 98°42'58" | Trinity | -- | 4.8 | 11.5 | 19.7 | |
| 110 | 29°53'39" | 98°40'14" | Trinity | -- | -2.6 | 14.4 | 31.2 | |
| 110 | 29°53'30" | 98°33'31" | Trinity | -- | 1.0 | 11.9 | 45.6 | |
| 110 | 29°52'48" | 98°26'52" | Trinity | -- | .1 | 4.2 | 57.5 | |
| 110 | 29°51'36" | 98°24'45" | Trinity | -- | -5.1 | 16.8 | 61.7 | |
| 110 | 29°54'15" | 98°16'51" | Trinity | -- | 16.6 | 14.2 | 78.5 | |
| 110 | 29°52'22" | 98°11'43" | Trinity | -- | -5.7 | 4.7 | 92.7 | |
| 110 | 29°48'45" | 98°10'47" | Edwards, Trinity | -- | -1.6 | 6.5 | 97.4 | |
| 110 | 29°45'47" | 98°08'22" | Edwards | -- | -3.9 | 4.8 | 103.9 | |
| 111 | 29°57'12" | 98°55'08" | Trinity | -- | 1.2 | 6.4 | 0 | 2 mi above Comfort gaging station (08167000) |
| 111 | 29°58'10" | 98°51'45" | Trinity | -- | -6.1 | 5.8 | 6.4 | |
| 111 | 29°57'17" | 98°48'03" | Trinity | -- | 7.9 | 7.5 | 12.2 | |
| 111 | 29°57'24" | 98°42'58" | Trinity | -- | -4.5 | 11.5 | 19.7 | |
| 111 | 29°53'39" | 98°40'16" | Trinity | -- | -2.8 | 3.0 | 31.2 | |
| 111 | 29°54'02" | 98°37'24" | Trinity | -- | 4.8 | 11.4 | 34.2 | |
| 111 | 29°53'30" | 98°33'31" | Trinity | -- | 3.7 | 11.9 | 45.6 | |
| 111 | 29°52'48" | 98°26'52" | Trinity | -- | -1.2 | 4.2 | 57.5 | |
| 111 | 29°51'36" | 98°24'45" | Trinity | -- | -13.1 | 11.6 | 61.7 | |
| 111 | 29°55'03" | 98°19'40" | Trinity | -- | 2.0 | 5.2 | 73.3 | |
| 111 | 29°54'15" | 98°16'52" | Trinity | -- | 9.6 | 7.7 | 78.5 | |
| 111 | 29°53'46" | 98°13'49" | Trinity | -- | -6 | 7.8 | 86.2 | |
| 111 | 29°52'17" | 98°13'21" | Trinity | -- | 4.8 | 3.4 | 94 | |
| 111 | 29°48'45" | 98°10'47" | Edwards, Trinity | -- | 9.2 | 6.7 | 97.4 | |
| 111 | 29°45'45" | 98°08'21" | Edwards | -- | -4.0 | 4.6 | 104.1 | |
| 112 | 30°04'17" | 99°20'07" | Trinity | -- | -6.5 | .3 | 34 | 0.3 mi above confluence with South Fork Guadalupe River |
| 112 | 30°02'31" | 99°21'24" | Trinity | -- | 30.8 | .3 | 33.7 | |
| 112 | 30°04'18" | 99°19'48" | Trinity | -- | -2.1 | .2 | 33.4 | |
| 113 | 30°04'17" | 99°20'07" | Trinity | -- | 4.3 | .3 | 34 | 0.3 mi above confluence with South Fork Guadalupe River |
| 113 | 30°04'08" | 99°19'58" | Trinity | -- | 20.0 | .3 | 33.7 | |
| 113 | 30°04'18" | 99°19'48" | Trinity | -- | 1.8 | .2 | 33.4 | |
| 113 | 30°04'08" | 99°19'19" | Trinity | -- | 3.87 | 4.4 | 33.2 | |
| 113 | 30°04'13" | 99°15'13" | Trinity | -- | -41.7 | .4 | 28.8 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 113 | 30°04'34" | 99°14'50" | Trinity | -- | 48.84 | 3.4 | 28.4 | |
| 113 | 30°03'59" | 99°11'27" | Trinity | -- | -8.3 | 4.0 | 25 | |
| 113 | 30°01'50" | 99°08'13" | Trinity | -- | 13.79 | 6.95 | 21 | |
| 113 | 29°57'22" | 99°04'50" | Trinity | -- | 8.9 | 3.25 | 14.05 | |
| 113 | 29°56'46" | 99°02'14" | Trinity | -- | -12.05 | 6.6 | 10.8 | |
| 113 | 29°56'22" | 98°56'52" | Trinity | -- | 7.97 | 4.2 | 4.2 | |
| 114 | 29°53'12" | 98°27'10" | Trinity | -- | -2.5 | 2.4 | 0 | at county road crossing above US 281 |
| 114 | 29°52'05" | 98°25'54" | Trinity | -- | -3.9 | .9 | 2.4 | |
| 114 | 29°51'54" | 98°24'53" | Trinity | -- | -1.6 | 1.4 | 3.3 | |
| 114 | 29°51'22" | 98°23'49" | Trinity | -- | 4.5 | 1.0 | 4.7 | |
| 114 | 29°51'42" | 98°22'51" | Trinity | -- | -4.7 | 1.3 | 5.7 | |
| 114 | 29°51'53" | 98°22'19" | Trinity | -- | -16.3 | 3.0 | 7 | |
| 114 | 29°53'15" | 98°22'04" | Trinity | -- | -6.0 | 2.5 | 10 | |
| 114 | 29°53'13" | 98°20'40" | Trinity | -- | -8.8 | 2.6 | 12.5 | |
| 114 | 29°54'12" | 98°19'54" | Trinity | -- | -1.8 | 1.3 | 15.1 | |
| 114 | 29°54'48" | 98°20'06" | Trinity | -- | -2.2 | 1.6 | 16.4 | |
| 114 | 29°54'50" | 98°19'05" | Trinity | -- | 1.9 | 2.5 | 18 | |
| 114 | 29°54'08" | 98°18'39" | Trinity | -- | -5.9 | 1.8 | 20.5 | |
| 114 | 29°53'32" | 98°18'18" | Trinity | -- | -2.2 | 2.2 | 22.3 | |
| 114 | 29°54'12" | 98°17'48" | Trinity | -- | 0 | .2 | 24.5 | |
| 114 | 29°54'18" | 98°17'48" | Trinity | -- | -1.1 | 2.5 | 24.7 | |
| 114 | 29°53'47" | 98°16'11" | Trinity | -- | 3.9 | 1.8 | 27.2 | |
| 114 | 29°53'10" | 98°14'58" | Trinity | -- | 3.3 | 1.4 | 29 | |
| 114 | 29°53'26" | 98°13'45" | Trinity | -- | 2.8 | 1.9 | 30.4 | |
| 114 | 29°51'49" | 98°13'04" | Trinity | -- | -4.1 | .6 | 32.3 | |
| 114 | 29°51'26" | 98°12'43" | Trinity | -- | 4.0 | 1.4 | 32.9 | |
| 114 | 29°51'40" | 98°12'00" | Trinity | -- | -1.0 | 3.0 | 34.3 | |
| 114 | 29°52'08" | 98°11'20" | Trinity | -- | -2.9 | .8 | 37.3 | |
| 114 | 29°51'31" | 98°10'45" | Trinity | -- | 2.9 | 1.8 | 38.1 | |
| 114 | 29°52'03" | 98°09'34" | Trinity | -- | -2.7 | 1.8 | 39.9 | |
| 114 | 29°50'38" | 98°09'47" | Trinity | -- | -2.7 | 1.1 | 41.7 | |
| 114 | 29°49'57" | 98°10'19" | Trinity | -- | 7.6 | .9 | 42.8 | |
| 114 | 29°49'06" | 98°10'23" | Trinity | -- | -1.4 | 1.8 | 43.7 | |
| 114 | 29°48'06" | 98°10'21" | Trinity | -- | -.9 | 2.5 | 45.5 | |
| 114 | 29°47'40" | 98°08'58" | Edwards, Trinity | -- | -5.0 | 3.5 | 48 | |
| 114 | 29°45'51" | 98°08'25" | Edwards | -- | 3.7 | 1.8 | 51.5 | |
| 114 | 29°45'10" | 98°07'58" | Edwards | -- | -3.5 | 1.8 | 53.3 | |
| 114 | 29°44'44" | 98°06'38" | Edwards | -- | 2.9 | 1.9 | 55.1 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 115 | 29°53'12" | 98°27'10" | Trinity | -- | -1.6 | 5.7 | 0 | at county road crossing above US 281 |
| 115 | 29°51'42" | 98°22'51" | Trinity | -- | -24.54 | 12.3 | 5.7 | |
| 115 | 29°54'02" | 98°37'24" | Trinity | -- | 15.24 | 6.5 | 18 | |
| 115 | 29°54'12" | 98°17'48" | Trinity | -- | 0 | .2 | 24.5 | |
| 115 | 29°54'18" | 98°17'48" | Trinity | -- | 2.9 | 4.3 | 24.7 | |
| 115 | 29°53'10" | 98°14'58" | Trinity | -- | 7.8 | 3.3 | 29 | |
| 115 | 29°51'49" | 98°13'04" | Trinity | -- | -2.2 | 5.0 | 32.3 | |
| 115 | 29°52'02" | 98°11'00" | Trinity | -- | 1.0 | 5.5 | 37.3 | |
| 115 | 29°49'57" | 98°10'19" | Trinity | -- | -1.8 | .9 | 42.8 | |
| 115 | 29°49'06" | 98°10'23" | Trinity | -- | 4.1 | 4.3 | 43.7 | |
| 115 | 29°47'40" | 98°08'58" | Edwards, Trinity | -- | -.8 | 3.5 | 48 | |
| 115 | 29°45'51" | 98°08'25" | Edwards | -- | -1.1 | 5.5 | 51.5 | |
| 116 | 29°53'12" | 98°27'10" | Trinity | -- | -2.7 | 5.7 | 0 | at county road crossing above US 281 |
| 116 | 29°51'42" | 98°22'51" | Trinity | -- | -22.16 | 12.3 | 5.7 | |
| 116 | 29°54'02" | 98°37'24" | Trinity | -- | 23.66 | 6.7 | 18 | |
| 116 | 29°54'18" | 98°17'48" | Trinity | -- | 8.5 | 7.6 | 24.7 | |
| 116 | 29°51'49" | 98°13'04" | Trinity | -- | 3.0 | 15.7 | 32.3 | |
| 116 | 29°47'40" | 98°08'58" | Edwards, Trinity | -- | -3.2 | 3.5 | 48 | |
| 116 | 29°45'51" | 98°08'25" | Edwards | -- | 3.9 | 5.5 | 51.5 | |
| 117 | 29°54'22" | 98°32'37" | Trinity | -- | 2.6 | 10.3 | -10.3 | 300 ft below Bergheim-Kendalia Rd |
| 117 | 29°53'12" | 98°27'10" | Trinity | -- | -3.4 | 5.7 | 0 | at county road crossing above US 281 |
| 117 | 29°51'42" | 98°22'51" | Trinity | -- | -26.6 | 12.3 | 5.7 | |
| 117 | 29°54'02" | 98°37'24" | Trinity | -- | 18.6 | 6.7 | 18 | |
| 117 | 29°54'18" | 98°17'48" | Trinity | -- | 7.4 | 7.6 | 24.7 | |
| 117 | 29°51'49" | 98°13'04" | Trinity | -- | -.1 | 15.7 | 32.3 | |
| 117 | 29°47'40" | 98°08'58" | Edwards, Trinity | -- | -2.1 | 3.5 | 48 | |
| 117 | 29°45'51" | 98°08'25" | Edwards | -- | 2.2 | 5.5 | 51.5 | |
| 118 | 29°53'12" | 98°27'10" | Trinity | -- | -3.5 | 5.7 | 0 | at county road crossing above US 281 |
| 118 | 29°51'42" | 98°22'51" | Trinity | -- | -19.7 | 12.3 | 5.7 | |
| 118 | 29°54'02" | 98°37'24" | Trinity | -- | 15.3 | 6.7 | 18 | |
| 118 | 29°54'18" | 98°17'48" | Trinity | -- | 6.8 | 7.6 | 24.7 | |
| 118 | 29°51'49" | 98°13'04" | Trinity | -- | .3 | 15.7 | 32.3 | |
| 118 | 29°47'40" | 98°08'58" | Edwards, Trinity | -- | -.4 | 3.5 | 48 | |
| 118 | 29°45'51" | 98°08'25" | Edwards | -- | .9 | 5.5 | 51.5 | |
| 119 | 29°53'12" | 98°27'10" | Trinity | -- | -1.9 | 5.7 | 0 | at county road crossing above US 281 |
| 119 | 29°51'42" | 98°22'51" | Trinity | -- | -8.2 | 12.3 | 5.7 | |
| 119 | 29°54'02" | 98°37'24" | Trinity | -- | 6.29 | 6.7 | 18 | |
| 119 | 29°54'18" | 98°17'48" | Trinity | -- | 5.91 | 7.6 | 24.7 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 119 | 29°51'49" | 98°13'04" | Trinity | -- | 0.6 | 15.7 | 32.3 | |
| 119 | 29°47'40" | 98°08'58" | Edwards, Trinity | -- | -.8 | 3.5 | 48 | |
| 119 | 29°45'51" | 98°08'25" | Edwards | -- | -1.1 | 5.5 | 51.5 | |
| 120 | 29°53'12" | 98°27'10" | Trinity | -- | -381.0 | .1 | 5.7 | gaging station near Spring Branch (08167500) |
| 120 | 29°53'12" | 98°27'10" | Trinity | -- | -44.0 | 4.2 | 5.8 | |
| 120 | 29°53'15" | 98°22'04" | Trinity | -- | -32.5 | 8.0 | 10 | |
| 120 | 29°54'02" | 98°37'24" | Edwards, Trinity | -- | -41.54 | 39.0 | 18 | estimate (35-50). |
| 121 | 29°53'12" | 98°27'10" | Trinity | -- | 7.4 | 5.7 | 0 | county road crossing 3.8 mi above bridge on US 281 |
| 121 | 29°51'42" | 98°22'51" | Trinity | -- | -26.0 | 12.3 | 5.7 | |
| 121 | 29°54'50" | 98°19'05" | Trinity | -- | 4.2 | 6.7 | 18 | |
| 121 | 29°54'18" | 98°17'48" | Trinity | -- | 5.4 | 4.3 | 24.7 | |
| 121 | 29°53'10" | 98°14'58" | Trinity | -- | 11.8 | 3.3 | 29 | |
| 121 | 29°51'49" | 98°13'04" | Trinity | -- | 6.0 | 5.0 | 32.3 | |
| 121 | 29°52'02" | 98°11'00" | Trinity | -- | -4.0 | 1.4 | 37.3 | |
| 121 | 29°51'29" | 98°10'25" | Trinity | -- | 1.0 | 4.1 | 38.7 | |
| 121 | 29°49'57" | 98°10'19" | Trinity | -- | -1.0 | 5.2 | 42.8 | |
| 121 | 29°47'40" | 98°08'58" | Edwards, Trinity | -- | 9.0 | 3.5 | 48 | |
| 121 | 29°45'51" | 98°08'25" | Edwards | -- | 9.3 | 5.5 | 51.5 | |
| 122 | 29°53'12" | 98°27'10" | Trinity | -- | -4.3 | 2.4 | 0 | at county road crossing above US 281 |
| 122 | 29°52'05" | 98°25'54" | Trinity | -- | -.6 | .9 | 2.4 | |
| 122 | 30°03'18" | 98°16'49" | Trinity | -- | -4.7 | 1.4 | 3.3 | |
| 122 | 29°51'22" | 98°23'49" | Trinity | -- | 2.2 | 1.0 | 4.7 | |
| 122 | 29°51'42" | 98°22'51" | Trinity | -- | -32.0 | 9.4 | 5.7 | |
| 123 | 30°11'25" | 99°26'49" | Edwards-Trinity Plateau | -- | .07 | 5.8 | 19.4 | at Sproul Ranch road crossing |
| 123 | 30°10'42" | 99°22'42" | Edwards-Trinity Plateau, Trinity | -- | .44 | 2.0 | 13.6 | at bridge on old SH 41 |
| 123 | 30°09'43" | 99°21'16" | Trinity | -- | 6.19 | 1.1 | 11.6 | |
| 123 | 30°09'11" | 99°20'27" | Trinity | -- | 1.17 | 6.7 | 10.5 | |
| 123 | 30°06'00" | 99°16'57" | Trinity | -- | 1.46 | 3.4 | 3.8 | gaging station (08166000) |
| 124 | 29°30'19" | 98°54'10" | Edwards | -- | 0 | 4.4 | .4 | gaging station near Riomedina (08180000) |
| 124 | 29°27'18" | 98°54'15" | -- | -- | -3.0 | 1.5 | 4.8 | |
| 124 | 29°26'35" | 98°55'22" | -- | -- | 1.0 | 10.0 | 6.3 | |
| 124 | 29°20'57" | 98°53'29" | -- | -- | -2.0 | 7.7 | 16.3 | |
| 125 | 29°51'14" | 99°16'45" | Trinity | -- | 4.7 | 5.8 | 2.5 | |
| 125 | 29°47'53" | 99°15'24" | Trinity | -- | -2.0 | 14.2 | 8.3 | |
| 125 | 29°44'08" | 99°07'17" | Trinity | -- | -.2 | 5.3 | 22.5 | |
| 125 | 29°43'06" | 99°04'25" | Trinity | -- | -.24 | 1.6 | 27.8 | |
| 125 | 29°43'28" | 99°02'49" | Trinity | -- | -1.56 | 1.7 | 29.4 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 125 | 29°43'18" | 99°02'20" | Trinity | -- | -0.6 | 0.1 | 31.1 | |
| 125 | 29°43'08" | 99°02'17" | Trinity | -- | -.3 | 1.2 | 31.2 | |
| 125 | 29°42'57" | 99°00'44" | Trinity | -- | -.1 | 1.5 | 32.4 | |
| 125 | 29°43'27" | 98°59'47" | Trinity | -- | -.01 | 1.8 | 33.9 | |
| 125 | 29°42'35" | 98°59'08" | Trinity | -- | -.01 | .9 | 35.7 | |
| 125 | 29°42'28" | 98°58'21" | Trinity | -- | .46 | .7 | 36.6 | |
| 125 | 29°42'00" | 98°58'24" | Trinity | -- | -.59 | 1.7 | 37.3 | |
| 125 | 29°42'00" | 98°58'24" | Trinity | -- | -1.58 | 4.0 | 39 | |
| 125 | 29°42'00" | 98°58'24" | Trinity | -- | -2.19 | 3.1 | 43 | |
| 125 | 29°42'00" | 98°58'24" | Trinity | -- | -.62 | 2.1 | 46.1 | |
| 126 | 29°51'36" | 99°24'14" | Trinity | -- | 2.4 | 2.0 | 0 | 5.3 mi northwest of Lima |
| 126 | 29°52'28" | 99°23'27" | Trinity | -- | 2.0 | 2.5 | 2 | |
| 126 | 29°51'33" | 99°22'06" | Trinity | -- | -2.0 | 6.6 | 4.5 | |
| 126 | 29°50'41" | 99°17'45" | Trinity | -- | -1.2 | 1.8 | 11.1 | |
| 126 | 29°51'14" | 99°16'44" | Trinity | -- | 4.8 | 3.2 | 12.9 | |
| 126 | 29°49'30" | 99°15'36" | Trinity | -- | .2 | 6.7 | 16.1 | |
| 126 | 29°46'31" | 99°12'12" | Trinity | -- | 1.7 | 3.1 | 22.8 | |
| 126 | 29°45'33" | 99°10'47" | Trinity | -- | -1.1 | 8.3 | 25.9 | |
| 126 | 29°43'12" | 99°05'25" | Trinity | -- | -.5 | 4.4 | 34.2 | |
| 126 | 29°43'10" | 99°01'23" | Trinity | -- | -2.1 | 3.1 | 38.6 | |
| 126 | 29°40'32" | 98°58'33" | Trinity | -- | -2.0 | 2.1 | 41.7 | gaging station (08179000) |
| 127 | 29°51'21" | 99°18'45" | Trinity | -- | 0 | 2.5 | 0 | 0.5 mi below Rocky Creek |
| 127 | 29°51'14" | 99°16'44" | Trinity | -- | 1.5 | 5.8 | 2.5 | |
| 127 | 29°47'53" | 99°15'24" | Trinity | -- | -1.35 | 14.2 | 8.3 | |
| 127 | 29°44'08" | 99°07'17" | Trinity | -- | -.14 | 5.3 | 22.5 | |
| 127 | 29°43'06" | 99°04'25" | Trinity | -- | -.01 | 1.7 | 27.8 | |
| 127 | 29°43'34" | 99°02'44" | Trinity | -- | 0 | 2.9 | 29.5 | |
| 127 | 29°42'57" | 99°00'44" | Trinity | -- | 0 | 1.5 | 32.4 | |
| 127 | 29°43'27" | 98°59'47" | Trinity | -- | -.01 | 1.8 | 33.9 | |
| 127 | 29°42'35" | 98°59'08" | Trinity | -- | 0 | .9 | 35.7 | |
| 127 | 29°42'28" | 98°58'21" | Trinity | -- | .24 | .7 | 36.6 | |
| 127 | 29°40'23" | 98°58'23" | Trinity | -- | .1 | 1.7 | 37.3 | |
| 127 | 29°40'51" | 98°57'18" | Trinity | -- | 0 | .8 | 39 | gaging station (08179000) near Pipe Creek |
| 127 | 29°40'03" | 98°58'15" | Trinity | -- | -.3 | 3.2 | 39.8 | |
| 127 | 29°38'17" | 98°58'04" | Trinity | -- | -.7 | .5 | 43 | |
| 127 | 29°37'41" | 98°58'00" | Trinity | -- | 0 | .6 | 43.5 | |
| 127 | 29°37'39" | 98°58'34" | Trinity | -- | 0 | .7 | 44.1 | |
| 127 | 29°37'29" | 98°58'53" | Trinity | -- | 0 | 1.3 | 44.8 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 127 | 29°35'29" | 98°58'46" | Trinity | -- | 0 | 1.0 | 46.1 | |
| 128 | 29°43'06" | 99°04'25" | Trinity | -- | -6.34 | 6.2 | 27.8 | FM 689 at Bandera |
| 128 | 29°43'26" | 98°59'44" | Trinity | -- | -3.06 | 2.6 | 34 | |
| 128 | 29°42'29" | 98°58'25" | Trinity | -- | 7.65 | .6 | 36.6 | |
| 128 | 29°40'32" | 98°58'33" | Trinity | -- | 1.1 | 1.8 | 37.2 | |
| 128 | 29°39'27" | 98°59'00" | Trinity | -- | -3.58 | 7.1 | 39 | |
| 128 | 29°37'15" | 98°58'50" | Trinity | -- | -3.39 | 2.1 | 46.1 | |
| 129 | 29°37'47" | 98°58'40" | Trinity | -- | 1.5 | 3.3 | 0 | at road crossing 0.5 mi below dam |
| 129 | 29°33'17" | 98°58'41" | Trinity | -- | 2.3 | .8 | 3.3 | |
| 129 | 29°34'08" | 98°54'55" | Edwards, Trinity | -- | 1.5 | 4.0 | 4.1 | |
| 129 | 29°31'33" | 98°55'09" | Edwards | -- | 1.3 | 2.8 | 8.1 | |
| 130 | 29°30'35" | 98°54'01" | Edwards | -- | 4.1 | .8 | 0 | just below diversion dam |
| 130 | 29°29'51" | 98°54'18" | -- | -- | 2.4 | 4.0 | .8 | |
| 130 | 29°28'13" | 98°53'22" | -- | -- | 2.8 | 2.8 | 4.8 | |
| 130 | 29°26'27" | 98°53'46" | -- | -- | -7.1 | 9.6 | 7.6 | |
| 130 | 29°21'17" | 98°52'22" | -- | -- | 3.5 | 2.3 | 17.2 | |
| 130 | 29°19'28" | 98°51'53" | -- | -- | -4.1 | 6.8 | 19.5 | |
| 130 | 29°19'47" | 98°46'15" | -- | -- | -5.4 | 5.5 | 26.3 | |
| 130 | 29°20'47" | 98°42'19" | -- | -- | 1.0 | 5.3 | 31.8 | |
| 130 | 29°18'21" | 98°39'43" | -- | -- | 1.5 | 4.7 | 37.1 | |
| 130 | 29°16'57" | 98°37'10" | Carrizo-Wilcox | -- | -2.5 | 3.4 | 41.8 | |
| 130 | 29°15'42" | 98°35'34" | Carrizo-Wilcox | -- | 1.8 | 2.1 | 45.2 | |
| 130 | 29°14'46" | 98°32'53" | Carrizo-Wilcox | -- | -2.4 | 4.0 | 47.3 | |
| 130 | 29°15'50" | 98°29'25" | Carrizo-Wilcox | -- | 1.2 | 3.8 | 51.3 | |
| 131 | 30°04'16" | 99°34'25" | Edwards-Trinity Plateau | -- | .01 | 4.0 | 54 | county road low-water crossing |
| 131 | 30°03'11" | 99°32'00" | Edwards-Trinity Plateau | -- | .13 | 1.0 | 50 | |
| 131 | 30°03'22" | 99°31'16" | Edwards-Trinity Plateau | -- | 10.07 | 1.0 | 49 | |
| 131 | 30°03'35" | 99°30'12" | Edwards-Trinity Plateau | -- | -2.3 | 1.0 | 48 | at FM 1340 low-water crossing |
| 131 | 30°03'36" | 99°29'17" | Edwards-Trinity Plateau | -- | 2.5 | 4.6 | 47 | |
| 131 | 30°03'39" | 99°26'42" | Edwards-Trinity Plateau | -- | .7 | 1.8 | 42.4 | |
| 131 | 30°03'21" | 99°25'08" | Trinity | -- | -1.12 | .8 | 40.6 | |
| 131 | 30°03'38" | 99°24'39" | Trinity | -- | 1.56 | 2.4 | 39.8 | |
| 131 | 30°04'06" | 99°22'48" | Trinity | -- | 3.77 | 3.4 | 37.4 | |
| 132 | 29°57'16" | 99°27'33" | Edwards-Trinity Plateau | -- | .15 | .7 | 14.9 | 0.4 mi above Mullen Creek |
| 132 | 29°57'32" | 99°27'11" | Edwards-Trinity Plateau | -- | -.02 | .2 | 14.2 | |
| 132 | 29°57'50" | 99°27'10" | Edwards-Trinity Plateau | -- | -.73 | 1.4 | 14 | at SH 39 low-water crossing |
| 132 | 29°58'25" | 99°26'48" | Edwards-Trinity Plateau | -- | 10.1 | 1.0 | 12.6 | |
| 132 | 29°58'47" | 99°26'30" | Edwards-Trinity Plateau | -- | .19 | 2.9 | 11.6 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 132 | 30°00'19" | 99°24'16" | Edwards-Trinity Plateau | -- | 0.65 | 1.1 | 8.7 | |
| 132 | 30°00'15" | 99°23'42" | Edwards-Trinity Plateau | -- | .19 | 1.9 | 7.6 | |
| 132 | 30°00'42" | 99°22'24" | Edwards-Trinity Plateau, Trinity | -- | 1.33 | 3.0 | 5.7 | |
| 133 | 29°58'37" | 99°13'24" | Trinity | -- | 9.14 | 3.5 | 11.2 | at bridge on FM 1273 |
| 133 | 29°57'47" | 99°10'54" | Trinity | -- | 2.82 | 5.7 | 7.7 | |
| 134 | 29°53'03" | 99°08'53" | Trinity | -- | 5.63 | 4.2 | 11.2 | at low-water crossing on county road |
| 134 | 29°53'46" | 99°05'36" | Trinity | -- | 1.3 | 1.3 | 7 | |
| 135 | 29°26'29" | 96°56'40" | Gulf Coast | -- | .96 | 5.9 | 77.7 | 200 ft below gaging station (08163500) |
| 135 | 29°22'52" | 96°54'36" | Gulf Coast | -- | .87 | 4.1 | 71.8 | |
| 135 | 29°20'56" | 96°54'55" | Gulf Coast | -- | .13 | 1.7 | 67.7 | |
| 135 | 29°20'14" | 96°54'26" | Gulf Coast | -- | 1.2 | 3.7 | 66 | |
| 135 | 29°18'38" | 96°54'18" | Gulf Coast | -- | 2.1 | 4.8 | 62.3 | |
| 135 | 29°18'57" | 96°51'14" | Gulf Coast | -- | -.4 | 8.2 | 57.5 | |
| 135 | 29°14'54" | 96°51'11" | Gulf Coast | -- | 2.9 | 8.7 | 49.3 | |
| 135 | 29°09'28" | 96°52'27" | Gulf Coast | -- | 1.47 | 7.3 | 40.6 | |
| 135 | 29°05'05" | 96°49'01" | Gulf Coast | -- | 3.2 | 4.1 | 33.3 | |
| 135 | 29°03'32" | 96°46'39" | Gulf Coast | -- | 1.2 | 3.9 | 29.2 | |
| 135 | 29°02'29" | 96°43'47" | Gulf Coast | -- | 1.7 | 3.1 | 25.3 | |
| 135 | 29°00'40" | 96°42'29" | Gulf Coast | -- | .5 | 5.4 | 22.2 | |
| 135 | 28°57'38" | 96°41'12" | Gulf Coast | -- | 2.4 | 4.5 | 16.8 | |
| 136 | 28°59'50" | 96°42'30" | Gulf Coast | -- | 2.0 | 3.0 | 0 | |
| 136 | 28°57'32" | 96°41'10" | Gulf Coast | -- | -.2 | 1.1 | 3 | at US 59 gaging station (08164000) |
| 136 | 28°56'34" | 96°41'18" | Gulf Coast | -- | 2.0 | 2.4 | 4.1 | |
| 136 | 28°55'08" | 96°39'43" | Gulf Coast | -- | 1.9 | 3.0 | 6.5 | |
| 137 | 28°59'49" | 96°42'30" | Gulf Coast | -- | 1.48 | 3.0 | 0 | |
| 137 | 28°57'30" | 96°41'10" | Gulf Coast | -- | .4 | 1.1 | 3 | at US 59 gaging station (08164000) |
| 137 | 28°56'34" | 96°41'17" | Gulf Coast | -- | 1.74 | 2.4 | 4.1 | |
| 137 | 28°55'08" | 96°39'43" | Gulf Coast | -- | .86 | 3.0 | 6.5 | |
| 138 | 29°27'57" | 96°48'38" | Gulf Coast | -- | -.26 | 2.8 | 78.2 | 400 ft below gaging station (08164300) |
| 138 | 29°25'54" | 96°48'02" | Gulf Coast | -- | 1.7 | 5.4 | 75.4 | |
| 138 | 29°22'55" | 96°46'44" | Gulf Coast | -- | -6.39 | 8.2 | 70 | |
| 138 | 29°19'16" | 96°42'29" | Gulf Coast | -- | 7.1 | 4.4 | 61.8 | |
| 138 | 29°16'21" | 96°42'59" | Gulf Coast | -- | 3.33 | 8.7 | 57.4 | |
| 138 | 29°11'50" | 96°44'24" | Gulf Coast | -- | 2.7 | 4.8 | 48.7 | |
| 138 | 29°08'08" | 96°44'39" | Gulf Coast | -- | -1.0 | 4.9 | 43.9 | |
| 138 | 29°05'47" | 96°43'07" | Gulf Coast | -- | 1.9 | 5.9 | 39 | |
| 138 | 29°03'55" | 96°40'24" | Gulf Coast | -- | 1.1 | 5.3 | 33.1 | |
| 138 | 29°01'52" | 96°37'18" | Gulf Coast | -- | -.53 | 5.8 | 27.8 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 138 | 29°01'34" | 96°33'09" | Gulf Coast | -- | 1.45 | 8.2 | 22 | |
| 139 | 32°15'21" | 94°59'43" | -- | Queen City | .4 | .5 | 0 | at county road crossing 0.25 mi above mouth |
| 139 | 32°15'19" | 94°59'20" | -- | Queen City | -.1 | .8 | .5 | |
| 139 | 32°13'08" | 94°58'21" | Carrizo-Wilcox | Queen City | -.5 | 2.4 | 1.3 | |
| 139 | 32°11'19" | 94°58'33" | Carrizo-Wilcox | -- | 3.1 | 1.9 | 3.7 | |
| 139 | 32°09'21" | 94°59'07" | Carrizo-Wilcox | -- | .1 | .9 | 5.6 | |
| 140 | 29°01'13" | 98°36'56" | -- | Queen City | .96 | 2.9 | 0 | 3 mi southwest of Poteet |
| 140 | 29°00'59" | 98°34'42" | -- | Queen City | 1.77 | 2.2 | 2.9 | |
| 140 | 29°00'39" | 98°33'02" | -- | Queen City | -.43 | 3.9 | 5.1 | |
| 140 | 28°59'43" | 98°31'24" | -- | Queen City, Sparta | 1.05 | 6.0 | 9 | |
| 140 | 28°58'10" | 98°28'51" | -- | Sparta | .45 | 6.0 | 15 | |
| 140 | 28°56'43" | 98°24'33" | -- | -- | .02 | 14.1 | 21 | |
| 140 | 28°51'49" | 98°20'09" | -- | -- | .28 | 12.0 | 35.1 | |
| 140 | 28°37'12" | 98°17'07" | -- | -- | -.51 | 12.6 | 47.1 | |
| 140 | 28°37'19" | 98°17'07" | Gulf Coast | -- | -.53 | 11.7 | 59.7 | |
| 140 | 28°31'35" | 98°12'14" | Gulf Coast | -- | .06 | 9.1 | 71.4 | |
| 140 | 28°26'10" | 98°11'06" | Gulf Coast | -- | .76 | 6.9 | 80.5 | |
| 140 | 28°26'14" | 98°06'51" | Gulf Coast | -- | 1.15 | 9.0 | 87.4 | |
| 140 | 28°21'20" | 98°05'45" | Gulf Coast | -- | -.2 | 7.4 | 96.4 | |
| 141 | 28°44'56" | 98°18'16" | -- | -- | 2.29 | .5 | 47.1 | hwy bridge at Campbellton |
| 141 | 28°44'39" | 98°18'29" | -- | -- | .25 | 4.8 | 47.6 | |
| 141 | 28°41'34" | 98°18'45" | -- | -- | -.96 | 3.4 | 52.4 | |
| 141 | 28°39'24" | 98°18'20" | -- | -- | .14 | 3.9 | 55.8 | |
| 141 | 28°37'17" | 98°17'07" | -- | -- | -.82 | 1.4 | 59.7 | |
| 141 | 28°37'03" | 98°15'44" | Gulf Coast | -- | .05 | 7.9 | 61.1 | |
| 141 | 28°32'56" | 98°12'27" | Gulf Coast | -- | -.18 | 2.4 | 69 | |
| 141 | 28°31'35" | 98°12'12" | Gulf Coast | -- | -.55 | 2.5 | 71.4 | |
| 141 | 28°29'29" | 98°11'53" | Gulf Coast | -- | -.02 | 6.6 | 73.9 | |
| 141 | 28°26'09" | 98°11'06" | Gulf Coast | -- | .27 | 6.9 | 80.5 | |
| 141 | 28°26'15" | 98°06'51" | Gulf Coast | -- | .21 | 2.3 | 87.4 | |
| 141 | 28°24'17" | 98°06'32" | Gulf Coast | -- | 1.13 | 6.7 | 89.7 | |
| 141 | 28°21'20" | 98°05'45" | Gulf Coast | -- | -2.1 | 7.4 | 96.4 | |
| 141 | 28°17'50" | 98°03'01" | Gulf Coast | -- | 1.42 | 3.5 | 103.8 | |
| 142 | 28°44'39" | 98°18'29" | -- | -- | -.53 | 8.2 | 47.6 | at Campbellton |
| 142 | 28°39'24" | 98°18'21" | -- | -- | -.44 | 2.5 | 55.8 | |
| 142 | 28°37'47" | 98°18'15" | -- | -- | -.11 | 1.4 | 58.3 | |
| 142 | 28°37'17" | 98°17'07" | -- | -- | .01 | 1.3 | 59.7 | |
| 142 | 28°37'05" | 98°15'48" | Gulf Coast | -- | -.37 | 8.0 | 61 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 142 | 28°32'56" | 98°12'27" | Gulf Coast | -- | 0.09 | 2.4 | 69 | |
| 142 | 28°31'35" | 98°12'12" | Gulf Coast | -- | -.5 | 9.1 | 71.4 | |
| 142 | 28°26'09" | 98°11'06" | Gulf Coast | -- | .79 | 6.9 | 80.5 | |
| 142 | 28°26'14" | 98°06'51" | Gulf Coast | -- | .55 | 2.3 | 87.4 | |
| 142 | 28°24'17" | 98°06'32" | Gulf Coast | -- | .72 | 6.7 | 89.7 | |
| 142 | 28°21'19" | 98°05'45" | Gulf Coast | -- | .5 | 7.4 | 96.4 | |
| 142 | 28°17'50" | 98°03'00" | Gulf Coast | -- | -.93 | 2.1 | 103.8 | |
| 143 | 29°38'38" | 99°52'12" | Edwards-Trinity Plateau | -- | .2 | .7 | 8.2 | |
| 143 | 29°38'17" | 99°51'23" | Edwards-Trinity Plateau | -- | -.2 | 2.2 | 8.9 | |
| 143 | 29°36'39" | 99°51'08" | Edwards-Trinity Plateau | -- | 1.0 | 1.1 | 11.1 | |
| 143 | 29°35'55" | 99°51'03" | Edwards-Trinity Plateau | -- | -1.0 | .9 | 12.2 | |
| 143 | 29°35'13" | 99°50'45" | Edwards-Trinity Plateau | -- | .4 | .2 | 13.1 | |
| 143 | 29°35'02" | 99°50'44" | Edwards-Trinity Plateau | -- | -.4 | .6 | 13.3 | |
| 143 | 29°34'27" | 99°50'24" | Edwards-Trinity Plateau | -- | .1 | .3 | 13.9 | |
| 143 | 29°34'20" | 99°50'43" | Edwards-Trinity Plateau | -- | .9 | 1.1 | 14.2 | |
| 143 | 29°33'40" | 99°50'54" | Edwards-Trinity Plateau | -- | .29 | 1.1 | 15.3 | |
| 143 | 29°32'45" | 99°50'58" | Edwards-Trinity Plateau | -- | -.05 | 2.3 | 16.4 | |
| 143 | 29°32'27" | 99°50'51" | Edwards, Edwards-Trinity Plateau | -- | -.42 | 3.9 | 18.7 | |
| 143 | 29°30'49" | 99°48'40" | Edwards, Edwards-Trinity Plateau | -- | .66 | 1.5 | 22.6 | |
| 143 | 29°30'01" | 99°48'39" | Edwards | -- | -.24 | 2.0 | 24.1 | |
| 143 | 29°30'15" | 99°46'51" | Edwards | -- | -1.99 | 2.1 | 26.1 | gaging station (08196000) at river mile 26.2 |
| 144 | 29°42'50" | 99°53'11" | Edwards-Trinity Plateau | -- | .56 | .8 | 0 | |
| 144 | 29°42'02" | 99°53'29" | Edwards-Trinity Plateau | -- | -.32 | 1.7 | .8 | |
| 144 | 29°41'18" | 99°53'17" | Edwards-Trinity Plateau | -- | -2.24 | 3.7 | 2.5 | |
| 144 | 29°40'10" | 99°52'01" | Edwards-Trinity Plateau | -- | .8 | 1.2 | 6.2 | |
| 144 | 29°39'14" | 99°52'08" | Edwards-Trinity Plateau | -- | -.6 | .3 | 7.4 | |
| 144 | 29°39'00" | 99°52'19" | Edwards-Trinity Plateau | -- | -.2 | .5 | 7.7 | |
| 144 | 29°38'38" | 99°52'12" | Edwards-Trinity Plateau | -- | 1.0 | .7 | 8.2 | |
| 144 | 29°38'17" | 99°51'24" | Edwards-Trinity Plateau | -- | -1.0 | 2.2 | 8.9 | |
| 144 | 29°36'39" | 99°51'09" | Edwards-Trinity Plateau | -- | 1.0 | 1.1 | 11.1 | |
| 144 | 29°35'55" | 99°51'03" | Edwards-Trinity Plateau | -- | -.8 | .8 | 12.2 | |
| 144 | 29°35'26" | 99°50'45" | Edwards-Trinity Plateau | -- | 1.3 | .2 | 13 | |
| 144 | 29°35'07" | 99°50'46" | Edwards-Trinity Plateau | -- | -1.0 | .3 | 13.2 | |
| 144 | 29°34'48" | 99°50'38" | Edwards-Trinity Plateau | -- | -.5 | .2 | 13.5 | |
| 144 | 29°34'38" | 99°50'27" | Edwards-Trinity Plateau | -- | 1.0 | .8 | 13.7 | |
| 144 | 29°34'10" | 99°50'53" | Edwards-Trinity Plateau | -- | 1.82 | .8 | 14.5 | |
| 144 | 29°33'35" | 99°50'58" | Edwards-Trinity Plateau | -- | -1.14 | 3.4 | 15.3 | |
| 144 | 29°32'16" | 99°49'59" | Edwards, Edwards-Trinity Plateau | -- | -.98 | 5.4 | 18.7 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 144 | 29°30'01" | 99°48'39" | Edwards | -- | 0.36 | 2.0 | 24.1 | |
| 144 | 29°30'15" | 99°46'51" | Edwards | -- | -1.24 | 1.9 | 26.1 | gaging station (08196000) at river mile 26.2 |
| 145 | 29°42'50" | 99°53'11" | Edwards-Trinity Plateau | -- | .91 | .8 | 0 | |
| 145 | 29°42'02" | 99°53'29" | Edwards-Trinity Plateau | -- | -1.01 | 1.7 | .8 | |
| 145 | 29°41'10" | 99°53'34" | Edwards-Trinity Plateau | -- | .15 | 2.3 | 2.5 | |
| 145 | 29°40'53" | 99°52'27" | Edwards-Trinity Plateau | -- | -3.74 | 1.9 | 4.8 | |
| 145 | 29°39'35" | 99°51'45" | Edwards-Trinity Plateau | -- | 4.33 | 1.0 | 6.7 | |
| 145 | 29°39'00" | 99°52'19" | Edwards-Trinity Plateau | -- | 1.1 | 4.3 | 7.7 | |
| 145 | 29°36'12" | 99°50'45" | Edwards-Trinity Plateau | -- | 5.01 | 3.3 | 12 | |
| 145 | 29°33'35" | 99°50'58" | Edwards-Trinity Plateau | -- | 4.08 | 3.4 | 15.3 | |
| 145 | 29°32'16" | 99°49'59" | Edwards, Edwards-Trinity Plateau | -- | .1 | 2.4 | 18.7 | |
| 145 | 29°30'35" | 99°49'47" | Edwards | -- | .4 | 3.0 | 21.1 | |
| 145 | 29°29'58" | 99°48'38" | Edwards | -- | -.32 | 1.9 | 24.1 | |
| 145 | 29°30'15" | 99°46'51" | Edwards | -- | -1.0 | .1 | 26 | gaging station (08196000) at river mile 26.2 |
| 146 | 29°35'32" | 99°50'46" | Edwards-Trinity Plateau | -- | 1.15 | 2.4 | 0 | at Clark Ranch house 6 mi above Reagan Wells |
| 146 | 29°34'04" | 99°50'49" | Edwards-Trinity Plateau | -- | 3.01 | 4.1 | 2.4 | |
| 146 | 29°32'06" | 99°49'41" | Edwards, Edwards-Trinity Plateau | -- | 1.58 | 4.0 | 6.5 | |
| 146 | 29°30'28" | 99°48'31" | Edwards | -- | 2.92 | 3.5 | 10.5 | |
| 146 | 29°29'51" | 99°46'46" | Edwards | -- | -9.66 | 1.5 | 14 | |
| 147 | 29°30'15" | 99°46'51" | Edwards | -- | -54.0 | 4.0 | 0 | gaging station (08196000) |
| 147 | 29°27'25" | 99°45'30" | Edwards | -- | -255.0 | 12.8 | 4 | |
| 147 | 29°22'26" | 99°42'11" | -- | -- | -83.8 | 1.4 | 16.8 | |
| 147 | 29°21'29" | 99°41'39" | -- | -- | -17.4 | 3.1 | 18.2 | |
| 147 | 29°19'48" | 99°40'44" | -- | -- | -15.41 | 3.3 | 21.3 | |
| 148 | 29°48'22" | 99°39'28" | Edwards-Trinity Plateau | -- | -.11 | 4.1 | 11 | 11 mi above mouth |
| 148 | 29°50'31" | 99°39'52" | Edwards-Trinity Plateau | -- | -.61 | .8 | 6.9 | |
| 148 | 29°50'03" | 99°39'41" | Edwards-Trinity Plateau | -- | 1.23 | .9 | 6.1 | |
| 148 | 29°48'31" | 99°40'43" | Edwards-Trinity Plateau | -- | -4.91 | 2.6 | 5.2 | |
| 148 | 29°45'38" | 99°42'59" | Edwards-Trinity Plateau | -- | -2.61 | .6 | 2.6 | |
| 148 | 29°45'35" | 99°43'28" | Edwards-Trinity Plateau | -- | 0 | 1.0 | 2 | |
| 148 | 29°45'00" | 99°43'44" | Edwards-Trinity Plateau | -- | 1.94 | .1 | 1 | |
| 148 | 29°44'57" | 99°43'53" | Edwards-Trinity Plateau | -- | -1.94 | .9 | .9 | |
| 149 | 29°48'22" | 99°39'28" | Edwards-Trinity Plateau | -- | .83 | 2.1 | 11 | 11 mi above mouth |
| 149 | 29°51'36" | 99°39'27" | Edwards-Trinity Plateau | -- | 1.72 | 2.1 | 8.9 | |
| 149 | 29°50'30" | 99°40'00" | Edwards-Trinity Plateau | -- | -.1 | 1.0 | 6.8 | |
| 149 | 29°49'45" | 99°39'50" | Edwards-Trinity Plateau | -- | -.9 | .7 | 5.8 | |
| 149 | 29°48'30" | 99°40'44" | Edwards-Trinity Plateau | -- | -5.3 | 3.1 | 5.1 | |
| 149 | 29°45'35" | 99°43'28" | Edwards-Trinity Plateau | -- | -.36 | 1.0 | 2 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 149 | 29°45'00" | 99°43'44" | Edwards-Trinity Plateau | -- | 0.76 | 0.1 | 1 | |
| 149 | 29°44'57" | 99°43'53" | Edwards-Trinity Plateau | -- | -.76 | .9 | .9 | |
| 150 | 29°48'31" | 99°40'44" | Edwards-Trinity Plateau | -- | -6.95 | 4.2 | 5.2 | road above Cypress Creek |
| 150 | 29°44'58" | 99°43'51" | Edwards-Trinity Plateau | -- | 3.53 | .5 | 1 | |
| 150 | 29°44'56" | 99°43'54" | Edwards-Trinity Plateau | -- | -3.53 | .5 | .5 | |
| 151 | 29°48'32" | 99°40'44" | Edwards-Trinity Plateau | -- | -9.52 | 4.2 | 5.2 | 5.2 mi above Frio River |
| 151 | 29°44'58" | 99°43'52" | Edwards-Trinity Plateau | -- | 3.19 | .5 | 1 | |
| 151 | 29°44'56" | 99°43'54" | Edwards-Trinity Plateau | -- | -2.16 | .5 | .5 | |
| 152 | 29°50'31" | 99°39'50" | Edwards-Trinity Plateau | -- | -1.11 | .1 | 0 | just above Big Spring Creek |
| 152 | 29°50'31" | 99°39'44" | Edwards-Trinity Plateau | -- | 2.64 | 3.2 | .1 | |
| 152 | 29°48'57" | 99°40'32" | Edwards-Trinity Plateau | -- | -2.53 | 5.5 | 3.3 | |
| 152 | 29°45'34" | 99°43'00" | Edwards-Trinity Plateau | -- | -8.91 | 2.0 | 8.8 | |
| 152 | 29°44'03" | 99°44'57" | Edwards-Trinity Plateau | -- | 4.53 | 1.0 | 10.8 | |
| 152 | 29°42'56" | 99°45'22" | Edwards-Trinity Plateau | -- | 6.57 | .5 | 11.8 | |
| 152 | 29°42'18" | 99°45'11" | Edwards-Trinity Plateau | -- | 2.0 | 2.5 | 12.3 | |
| 152 | 29°40'57" | 99°44'45" | Edwards-Trinity Plateau | -- | 5.5 | 8.5 | 14.8 | |
| 152 | 29°36'15" | 99°44'15" | Edwards-Trinity Plateau | -- | 13.1 | 3.5 | 23.3 | |
| 152 | 29°34'36" | 99°43'29" | Edwards, Edwards-Trinity Plateau | -- | 1.0 | 4.5 | 26.8 | |
| 152 | 29°29'17" | 99°42'15" | Edwards | -- | -8.0 | 1.0 | 31.3 | |
| 152 | 29°28'41" | 99°41'50" | Edwards | -- | -12.4 | 3.0 | 32.3 | |
| 152 | 29°26'44" | 99°41'11" | Edwards | -- | -13.8 | 2.5 | 35.3 | |
| 152 | 29°26'47" | 99°39'50" | Edwards | -- | -3.8 | .3 | 37.8 | |
| 152 | 29°26'33" | 99°39'40" | Edwards | -- | -2.5 | .2 | 38.1 | |
| 153 | 29°52'03" | 99°39'47" | Edwards-Trinity Plateau | -- | .52 | 4.1 | 0 | on Wolf Ranch 3,300 ft above dam |
| 153 | 29°50'30" | 99°39'52" | Edwards-Trinity Plateau | -- | 13.85 | 16.7 | 4.1 | |
| 153 | 29°37'22" | 99°45'00" | Edwards-Trinity Plateau | -- | -12.8 | 1.7 | 20.8 | |
| 153 | 29°36'14" | 99°44'15" | Edwards-Trinity Plateau | -- | 19.3 | 2.1 | 22.5 | |
| 153 | 29°35'06" | 99°43'56" | Edwards-Trinity Plateau | -- | .2 | 1.9 | 24.6 | |
| 153 | 29°34'25" | 99°42'57" | Edwards-Trinity Plateau | -- | .9 | 3.5 | 26.5 | |
| 153 | 29°32'10" | 99°42'47" | Edwards, Edwards-Trinity Plateau | -- | -2.0 | 4.8 | 30 | |
| 153 | 29°29'17" | 99°42'15" | Edwards | -- | -8.96 | 1.0 | 34.8 | |
| 153 | 29°28'40" | 99°41'50" | Edwards | -- | -5.72 | .7 | 35.8 | |
| 153 | 29°28'11" | 99°42'01" | Edwards | -- | -3.72 | .1 | 36.5 | |
| 153 | 29°28'08" | 99°42'01" | Edwards | -- | 2.71 | .8 | 36.6 | |
| 153 | 29°27'59" | 99°42'06" | Edwards | -- | -1.99 | .7 | 37.4 | |
| 153 | 29°27'44" | 99°42'12" | Edwards | -- | -.72 | .4 | 38.1 | |
| 154 | 28°29'32" | 98°15'05" | Gulf Coast | -- | 1.2 | 1.65 | 0 | at Choke Canyon Reservoir |
| 154 | 28°29'09" | 98°14'21" | Gulf Coast | -- | -1.68 | 5.08 | 1.65 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 154 | 28°28'01" | 98°11'20" | Gulf Coast | -- | 0.6 | 1.86 | 6.73 | |
| 155 | 29°29'17" | 99°42'15" | Edwards | -- | -41.0 | 5.6 | 0 | gaging station (08195000) |
| 155 | 29°26'46" | 99°39'57" | Edwards | -- | -66.3 | 6.1 | 5.6 | |
| 155 | 29°23'47" | 99°38'54" | -- | -- | -21.0 | 2.9 | 11.7 | |
| 155 | 29°19'48" | 99°39'14" | -- | -- | -29.9 | 2.2 | 14.6 | |
| 155 | 29°19'48" | 99°39'14" | -- | -- | -32.2 | 5.4 | 16.8 | |
| 155 | 29°17'31" | 99°38'54" | -- | -- | -9.74 | 6.2 | 22.2 | |
| 156 | 29°29'17" | 99°42'15" | Edwards | -- | -7.0 | 1.2 | 0 | gaging station at Concan (08195000) |
| 156 | 29°28'36" | 99°41'55" | Edwards | -- | 27.0 | 1.8 | 1.2 | |
| 156 | 29°27'34" | 99°41'40" | Edwards | -- | -33.0 | 2.0 | 3 | |
| 156 | 29°26'44" | 99°40'06" | Edwards | -- | -220.0 | 13.5 | 5 | |
| 157 | 29°29'17" | 99°42'15" | Edwards | -- | -16.0 | 1.2 | 0 | gaging station at Concan (08195000) |
| 157 | 29°28'36" | 99°41'55" | Edwards | -- | 15.0 | 1.8 | 1.2 | |
| 157 | 29°27'34" | 99°41'40" | Edwards | -- | -24.2 | 2.0 | 3 | |
| 157 | 29°26'44" | 99°40'06" | Edwards | -- | -98.8 | 13.5 | 5 | |
| 158 | 29°29'41" | 99°42'40" | Edwards | -- | 2.0 | 1.0 | 0 | at Concan-Leakey road crossing |
| 158 | 29°29'17" | 99°42'15" | Edwards | -- | 2.0 | 1.5 | 1 | |
| 158 | 29°28'25" | 99°42'01" | Edwards | -- | -9.0 | 2.0 | 2.5 | |
| 158 | 29°27'11" | 99°41'34" | Edwards | -- | -20.7 | 1.5 | 4.5 | |
| 159 | 28°28'18" | 98°48'14" | -- | -- | .7 | 9.1 | 62.9 | at SH 97 crossing |
| 159 | 28°25'49" | 98°41'17" | -- | -- | 3.51 | 24.7 | 53.8 | |
| 159 | 28°31'03" | 98°26'35" | -- | -- | 5.46 | 10.1 | 29.1 | |
| 159 | 28°31'24" | 98°23'22" | Gulf Coast | -- | -1.0 | 9.6 | 19 | |
| 159 | 28°29'04" | 98°14'37" | Gulf Coast | -- | 1.96 | 9.4 | 9.4 | |
| 160 | 29°29'17" | 99°42'15" | Edwards | -- | -51.0 | 5.6 | 0 | gaging station (08196000) |
| 160 | 29°26'47" | 99°39'55" | Edwards | -- | -61.0 | 6.1 | 5.6 | |
| 160 | 29°23'22" | 99°38'57" | -- | -- | -41.0 | 2.9 | 11.7 | |
| 160 | 29°21'02" | 99°39'32" | -- | -- | -35.7 | 2.2 | 14.6 | |
| 160 | 29°16'45" | 99°39'12" | -- | -- | -45.0 | 5.4 | 16.8 | |
| 160 | 29°17'30" | 99°38'43" | -- | -- | -25.48 | 6.2 | 22.2 | |
| 161 | 29°29'17" | 99°42'15" | Edwards | -- | 23.0 | 5.6 | 0 | gaging station (08196000) |
| 161 | 29°26'47" | 99°39'55" | Edwards | -- | -48.0 | 6.1 | 5.6 | |
| 161 | 29°23'21" | 99°38'56" | -- | -- | -30.0 | 2.9 | 11.7 | |
| 161 | 29°21'02" | 99°39'32" | -- | -- | -59.0 | 2.2 | 14.6 | |
| 161 | 29°16'45" | 99°39'12" | -- | -- | -75.0 | 5.4 | 16.8 | |
| 161 | 29°17'30" | 99°38'43" | -- | -- | -40.0 | 6.2 | 22.2 | |
| 162 | 29°40'30" | 99°20'08" | Trinity | -- | 2.23 | 3.2 | 0 | |
| 162 | 29°38'45" | 99°18'17" | Trinity | -- | 4.1 | 2.9 | 3.2 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 162 | 29°38'37" | 99°16'21" | Trinity | -- | 0 | 0.1 | 6.1 | |
| 162 | 29°38'35" | 99°16'14" | Trinity | -- | 6.2 | 2.1 | 6.2 | |
| 162 | 29°37'01" | 99°15'32" | Trinity | -- | 4.04 | 1.7 | 8.3 | |
| 162 | 29°35'43" | 99°15'15" | Edwards, Trinity | -- | 3.85 | 2.2 | 10 | |
| 162 | 29°34'09" | 99°14'47" | Edwards | -- | -9.7 | 2.7 | 12.2 | gaging station near Tarpley (08200000) |
| 162 | 29°32'36" | 99°14'03" | Edwards | -- | -5.2 | 3.9 | 14.9 | |
| 162 | 29°30'14" | 99°12'42" | Edwards | -- | -8.3 | 2.6 | 18.8 | |
| 162 | 29°28'22" | 99°12'21" | Edwards | -- | -5.5 | 2.7 | 21.4 | |
| 162 | 29°27'04" | 99°11'12" | -- | -- | -16.5 | 3.5 | 24.1 | |
| 162 | 29°24'21" | 99°10'22" | -- | -- | -2.6 | 3.5 | 27.6 | |
| 162 | 29°22'54" | 99°08'22" | -- | -- | -1.24 | 3.6 | 31.1 | |
| 162 | 29°22'02" | 99°05'12" | -- | -- | .84 | 2.5 | 34.7 | |
| 163 | 29°34'59" | 99°15'00" | Edwards, Trinity | -- | 7.0 | 1.7 | 10.5 | 50 ft below Bandera Creek |
| 163 | 29°34'00" | 99°15'00" | Edwards | -- | -24.0 | 2.7 | 12.2 | |
| 163 | 29°31'59" | 99°13'59" | Edwards | -- | -25.0 | 3.9 | 14.9 | |
| 163 | 29°30'00" | 99°12'59" | Edwards | -- | -11.0 | 2.6 | 18.8 | |
| 163 | 29°28'00" | 99°12'59" | Edwards | -- | -17.0 | 2.7 | 21.4 | |
| 163 | 29°27'00" | 99°10'59" | -- | -- | -28.0 | 3.5 | 24.1 | |
| 163 | 29°24'00" | 99°09'59" | -- | -- | -3.0 | 2.5 | 27.6 | |
| 163 | 29°23'16" | 99°08'49" | -- | -- | 1.0 | 1.9 | 30.1 | |
| 163 | 29°22'59" | 99°06'59" | -- | -- | 0 | 2.6 | 32 | |
| 163 | 29°22'00" | 99°04'59" | -- | -- | 1.0 | 2.6 | 34.6 | |
| 163 | 29°21'00" | 99°03'00" | -- | -- | 1.0 | 2.8 | 37.2 | |
| 164 | 29°34'09" | 99°14'47" | Edwards | -- | -78.0 | 5.7 | 0 | gaging station (08200000) |
| 164 | 29°31'17" | 99°13'12" | Edwards | -- | -41.7 | 4.0 | 5.7 | |
| 164 | 29°28'23" | 99°12'15" | Edwards | -- | -20.3 | 2.7 | 9.7 | |
| 164 | 29°27'06" | 99°11'12" | -- | -- | -19.4 | 4.4 | 12.4 | |
| 164 | 29°24'16" | 99°10'22" | -- | -- | 1.3 | 2.1 | 16.8 | |
| 165 | 29°11'19" | 99°46'14" | -- | -- | 4.7 | 1.9 | 0 | at old hwy bridge 1.7 mi southeast of Uvalde |
| 165 | 29°10'27" | 99°45'47" | -- | -- | 0 | 1.9 | 1.9 | |
| 165 | 29°09'15" | 99°44'35" | Carrizo-Wilcox | -- | 5.1 | 2.5 | 3.8 | |
| 165 | 29°07'54" | 99°42'27" | Carrizo-Wilcox | -- | -1.8 | 3.0 | 6.3 | |
| 165 | 29°06'49" | 99°41'07" | Carrizo-Wilcox | -- | 5.4 | .5 | 9.3 | |
| 165 | 29°06'35" | 99°40'50" | Carrizo-Wilcox | -- | .2 | .3 | 9.8 | |
| 165 | 29°06'22" | 99°40'40" | Carrizo-Wilcox | -- | 1.0 | .9 | 10.1 | |
| 165 | 29°05'48" | 99°40'06" | Carrizo-Wilcox | -- | -.5 | .3 | 11 | |
| 165 | 29°05'42" | 99°40'00" | Carrizo-Wilcox | -- | -.3 | .3 | 11.3 | |
| 165 | 29°05'31" | 99°39'45" | Carrizo-Wilcox | -- | .2 | .2 | 11.6 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 165 | 29°05'25" | 99°39'28" | Carrizo-Wilcox | -- | 1.5 | 0.5 | 11.8 | |
| 165 | 29°05'23" | 99°39'24" | Carrizo-Wilcox | -- | -3.3 | .6 | 12.3 | |
| 165 | 29°05'10" | 99°39'19" | Carrizo-Wilcox | -- | .6 | .6 | 12.9 | |
| 165 | 29°05'06" | 99°39'29" | Carrizo-Wilcox | -- | -.5 | 2.4 | 13.5 | |
| 165 | 29°04'02" | 99°38'46" | Carrizo-Wilcox | -- | .5 | 1.3 | 15.9 | |
| 165 | 29°02'39" | 99°37'45" | -- | -- | -2.0 | 2.1 | 17.2 | |
| 165 | 29°01'40" | 99°37'26" | -- | -- | -.8 | 1.5 | 19.3 | |
| 165 | 29°00'37" | 99°37'15" | -- | -- | .6 | .5 | 20.8 | |
| 165 | 29°00'24" | 99°37'06" | -- | -- | -2.8 | 1.9 | 21.3 | |
| 165 | 28°58'57" | 99°37'06" | -- | -- | .3 | 1.3 | 23.2 | |
| 165 | 28°58'03" | 99°36'55" | -- | -- | -.7 | .9 | 24.5 | |
| 165 | 28°57'47" | 99°36'49" | -- | -- | -.2 | .8 | 25.4 | |
| 165 | 28°57'14" | 99°36'32" | -- | -- | -1.0 | 2.2 | 26.2 | |
| 165 | 28°56'13" | 99°35'41" | -- | -- | -.5 | 2.0 | 28.4 | |
| 165 | 28°54'59" | 99°34'57" | -- | -- | -.4 | 1.1 | 30.4 | |
| 165 | 28°54'57" | 99°34'58" | -- | -- | -1.2 | 2.5 | 31.5 | |
| 165 | 28°53'25" | 99°34'05" | -- | -- | .1 | 2.3 | 34 | |
| 165 | 28°52'10" | 99°33'34" | -- | -- | -.4 | 2.0 | 36.3 | |
| 165 | 28°51'49" | 99°32'14" | -- | -- | -.8 | 3.8 | 38.3 | |
| 165 | 28°50'56" | 99°29'30" | -- | -- | -.7 | 4.1 | 42.1 | |
| 165 | 28°50'16" | 99°27'11" | -- | -- | -.3 | 3.2 | 46.2 | |
| 166 | 29°11'19" | 99°46'15" | -- | -- | 4.9 | 2.1 | 0 | at hwy bridge 1.7 mi southeast of Uvalde |
| 166 | 29°10'09" | 99°45'47" | -- | -- | 8.4 | 4.5 | 2.1 | |
| 166 | 29°09'15" | 99°44'35" | Carrizo-Wilcox | -- | -9.2 | 1.5 | 6.6 | |
| 166 | 29°07'03" | 99°41'25" | Carrizo-Wilcox | -- | 11.9 | 2.9 | 8.1 | |
| 166 | 29°05'32" | 99°39'45" | Carrizo-Wilcox | -- | -9.6 | 6.0 | 11 | |
| 166 | 29°00'38" | 99°37'16" | -- | -- | -2.6 | 3.1 | 17 | |
| 166 | 28°58'58" | 99°37'06" | -- | -- | -2.2 | 2.0 | 20.1 | |
| 166 | 28°57'47" | 99°36'49" | -- | -- | -1.1 | 1.2 | 22.1 | |
| 166 | 28°54'19" | 99°34'37" | -- | -- | -1.4 | 3.1 | 23.3 | |
| 166 | 28°53'25" | 99°34'05" | -- | -- | -1.7 | 7.1 | 26.4 | |
| 166 | 28°50'56" | 99°29'30" | -- | -- | -.5 | 4.0 | 33.5 | |
| 167 | 29°11'18" | 99°46'14" | -- | -- | .6 | 1.9 | 0 | at hwy bridge 1.7 mi southeast of Uvalde |
| 167 | 29°10'26" | 99°45'47" | -- | -- | -.1 | 1.9 | 1.9 | |
| 167 | 29°09'14" | 99°44'35" | Carrizo-Wilcox | -- | 2.5 | .8 | 3.8 | |
| 167 | 29°08'47" | 99°43'46" | Carrizo-Wilcox | -- | -.4 | .9 | 4.6 | |
| 167 | 29°08'48" | 99°43'46" | Carrizo-Wilcox | -- | -.5 | .8 | 5.5 | |
| 167 | 29°08'32" | 99°43'04" | Carrizo-Wilcox | -- | -1.4 | 3.0 | 6.3 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 167 | 29°06'50" | 99°41'08" | Carrizo-Wilcox | -- | 1.0 | 0.1 | 9.3 | |
| 167 | 29°06'48" | 99°41'06" | Carrizo-Wilcox | -- | 2.7 | .4 | 9.4 | |
| 167 | 29°06'40" | 99°40'57" | Carrizo-Wilcox | -- | .3 | 1.2 | 9.8 | |
| 167 | 29°05'48" | 99°40'06" | Carrizo-Wilcox | -- | -1 | .6 | 11 | |
| 167 | 29°05'32" | 99°39'44" | Carrizo-Wilcox | -- | -1.0 | 1.3 | 11.6 | |
| 167 | 29°05'09" | 99°39'18" | Carrizo-Wilcox | -- | -1.4 | 3.0 | 12.9 | |
| 167 | 29°04'01" | 99°38'46" | Carrizo-Wilcox | -- | -5 | 1.3 | 15.9 | |
| 167 | 29°02'39" | 99°37'46" | -- | -- | -1.4 | 2.1 | 17.2 | |
| 167 | 29°01'40" | 99°37'26" | -- | -- | 0 | 1.5 | 19.3 | |
| 167 | 29°00'27" | 99°36'59" | -- | -- | 0 | 2.4 | 20.8 | |
| 167 | 28°58'58" | 99°37'06" | -- | -- | 0 | 2.2 | 23.2 | |
| 167 | 28°57'47" | 99°36'49" | -- | -- | 0 | .8 | 25.4 | |
| 167 | 28°57'14" | 99°36'32" | -- | -- | 0 | 4.2 | 26.2 | |
| 167 | 28°55'38" | 99°35'10" | -- | -- | 0 | 5.9 | 30.4 | |
| 168 | 29°11'19" | 99°46'15" | -- | -- | 6.51 | 3.8 | 0 | at hwy bridge 1.7 mi southeast of Uvalde |
| 168 | 29°09'14" | 99°44'34" | Carrizo-Wilcox | -- | 7.0 | .8 | 3.8 | |
| 168 | 29°07'54" | 99°42'27" | Carrizo-Wilcox | -- | -4.1 | 4.7 | 4.6 | |
| 168 | 29°06'50" | 99°41'08" | Carrizo-Wilcox | -- | 5.5 | .5 | 9.3 | |
| 169 | 29°11'18" | 99°46'15" | -- | -- | 7.6 | 2.1 | 0 | at hwy bridge 1.7 mi southeast of Uvalde |
| 169 | 29°10'09" | 99°45'47" | -- | -- | 4.4 | 4.5 | 2.1 | |
| 169 | 29°09'14" | 99°44'35" | Carrizo-Wilcox | -- | -7.4 | 2.0 | 6.6 | |
| 169 | 29°06'49" | 99°41'06" | Carrizo-Wilcox | -- | 5.2 | 4.4 | 8.6 | |
| 169 | 29°04'02" | 99°38'46" | Carrizo-Wilcox | -- | -4.0 | 4.0 | 13 | |
| 169 | 29°00'37" | 99°37'15" | -- | -- | -3.6 | 3.1 | 17 | |
| 169 | 28°58'58" | 99°37'06" | -- | -- | -2.9 | 3.2 | 20.1 | |
| 169 | 28°54'19" | 99°34'37" | -- | -- | -8 | 3.1 | 23.3 | |
| 169 | 28°53'25" | 99°34'05" | -- | -- | -1.6 | 8.2 | 26.4 | Ottenhouse Ranch |
| 170 | 29°11'19" | 99°46'14" | -- | -- | 5.2 | 2.1 | 0 | at hwy bridge 1.7 mi southeast of Uvalde |
| 170 | 29°10'08" | 99°45'47" | -- | -- | 4.8 | 3.7 | 2.1 | |
| 170 | 29°09'24" | 99°44'42" | Carrizo-Wilcox | -- | -4.3 | 2.3 | 5.8 | |
| 170 | 29°07'03" | 99°41'25" | Carrizo-Wilcox | -- | 5.6 | 1.0 | 8.1 | |
| 170 | 29°06'35" | 99°40'50" | Carrizo-Wilcox | -- | -1.2 | 3.9 | 9.1 | |
| 170 | 29°04'02" | 99°38'46" | Carrizo-Wilcox | -- | -2.5 | 4.0 | 13 | |
| 170 | 29°00'37" | 99°37'15" | -- | -- | -1.6 | 3.1 | 17 | |
| 170 | 28°58'58" | 99°37'06" | -- | -- | -1.0 | 3.2 | 20.1 | |
| 170 | 28°54'19" | 99°34'37" | -- | -- | -1.8 | 3.1 | 23.3 | |
| 170 | 28°53'24" | 99°34'05" | -- | -- | -8 | 8.2 | 26.4 | |
| 171 | 29°11'19" | 99°46'14" | -- | -- | 6.9 | 4.8 | 0 | at hwy bridge 1.7 mi southeast of Uvalde |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 171 | 29°09'15" | 99°44'34" | Carrizo-Wilcox | -- | 0.2 | 3.3 | 4.8 | |
| 171 | 29°07'04" | 99°41'25" | Carrizo-Wilcox | -- | 5.9 | 1.0 | 8.1 | |
| 171 | 29°06'35" | 99°40'50" | Carrizo-Wilcox | -- | -10.2 | 1.0 | 9.1 | |
| 171 | 29°05'53" | 99°40'16" | Carrizo-Wilcox | -- | 8.0 | 2.9 | 10.1 | |
| 171 | 29°04'02" | 99°38'46" | Carrizo-Wilcox | -- | -3.1 | 4.0 | 13 | |
| 171 | 29°00'37" | 99°37'16" | -- | -- | -2.5 | 3.1 | 17 | |
| 171 | 28°58'57" | 99°37'06" | -- | -- | -.6 | .9 | 20.1 | |
| 171 | 28°58'03" | 99°36'55" | -- | -- | -.2 | 1.0 | 21 | |
| 171 | 28°57'14" | 99°36'32" | -- | -- | -.1 | 1.0 | 22 | |
| 172 | 29°11'19" | 99°46'15" | -- | -- | 22.2 | 5.5 | 0 | at hwy bridge 1.7 mi southeast of Uvalde |
| 172 | 29°09'24" | 99°44'42" | Carrizo-Wilcox | -- | -.7 | 2.6 | 5.5 | |
| 172 | 29°07'03" | 99°41'25" | Carrizo-Wilcox | -- | -.3 | 8.9 | 8.1 | |
| 173 | 29°06'49" | 99°41'07" | Carrizo-Wilcox | -- | 6.8 | .5 | .5 | 200 ft below headgate |
| 173 | 29°06'35" | 99°40'50" | Carrizo-Wilcox | -- | -4.8 | 7.9 | 1 | 0.5 mi below Kincaid Dam |
| 173 | 29°00'36" | 99°37'14" | -- | -- | 0 | 3.1 | 8.9 | |
| 173 | 28°58'57" | 99°37'08" | -- | -- | -2.0 | 1.7 | 12 | |
| 173 | 28°58'03" | 99°36'55" | Carrizo-Wilcox | -- | 3.4 | 1.5 | 13.7 | |
| 173 | 29°05'31" | 99°39'45" | Carrizo-Wilcox | -- | -5.5 | 3.1 | 15.2 | |
| 173 | 28°53'25" | 99°34'05" | -- | -- | -1.7 | 8.2 | 18.3 | |
| 174 | 29°09'15" | 99°44'35" | -- | -- | .3 | .9 | 4.6 | on W.E. Lee Ranch 5.2 mi southeast of Uvalde |
| 174 | 29°08'57" | 99°44'02" | Carrizo-Wilcox | -- | -9.0 | 3.3 | 5.5 | |
| 174 | 29°07'03" | 99°41'25" | Carrizo-Wilcox | -- | 3.4 | .5 | 8.8 | not measured |
| 174 | 29°06'49" | 99°41'07" | Carrizo-Wilcox | -- | 2.2 | .1 | 9.3 | |
| 174 | 29°06'46" | 99°41'03" | Carrizo-Wilcox | -- | 2.6 | .1 | 9.4 | |
| 174 | 29°06'47" | 99°41'03" | Carrizo-Wilcox | -- | 1.2 | .3 | 9.5 | |
| 175 | 29°11'19" | 99°46'15" | -- | -- | 5.42 | 2.1 | 0 | at Uvalde-Friertown Hwy crossing |
| 175 | 29°10'09" | 99°45'47" | -- | -- | 1.42 | 4.0 | 2.1 | |
| 175 | 29°09'15" | 99°44'34" | Carrizo-Wilcox | -- | 4.28 | 2.0 | 6.1 | |
| 175 | 29°07'03" | 99°41'25" | Carrizo-Wilcox | -- | 12.0 | 2.9 | 8.1 | |
| 175 | 29°05'32" | 99°39'44" | Carrizo-Wilcox | -- | -3.99 | 6.0 | 11 | |
| 175 | 29°00'38" | 99°37'16" | -- | -- | -2.16 | 3.1 | 17 | |
| 175 | 28°58'58" | 99°37'06" | -- | -- | -.68 | 2.0 | 20.1 | |
| 175 | 28°57'47" | 99°36'49" | -- | -- | .1 | 1.2 | 22.1 | estimate |
| 175 | 28°54'19" | 99°34'37" | -- | -- | -.2 | 3.1 | 23.3 | estimate |
| 175 | 28°53'26" | 99°34'06" | -- | -- | -.3 | 7.1 | 26.4 | estimate |
| 176 | 29°29'26" | 99°23'25" | Trinity | -- | .1 | 1.9 | 9 | 9 mi above mouth |
| 176 | 29°29'26" | 99°23'25" | Trinity | -- | 1.4 | 1.4 | 7.1 | |
| 176 | 29°29'26" | 99°23'25" | Trinity | -- | 0 | .9 | 5.7 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 176 | 29°29'26" | 99°23'25" | Trinity | -- | -1.5 | 0.2 | 4.8 | |
| 176 | 29°29'26" | 99°23'25" | Trinity | -- | 0 | 1.2 | 4.6 | |
| 176 | 29°29'25" | 99°23'25" | Edwards, Trinity | -- | 0 | 3.4 | 3.4 | |
| 177 | 29°31'17" | 99°05'03" | Edwards | -- | -65.0 | 3.7 | 0 | on SH 173 |
| 177 | 29°30'11" | 99°06'02" | Edwards, Trinity | -- | -17.0 | 1.4 | 3.7 | |
| 177 | 29°30'05" | 99°06'30" | Edwards | -- | 111.0 | 2.3 | 5.1 | |
| 177 | 29°34'08" | 99°05'54" | Edwards | -- | -43.0 | .7 | 7.4 | |
| 177 | 29°32'17" | 99°05'53" | Edwards | -- | -80.0 | 1.9 | 8.1 | |
| 177 | 29°29'00" | 99°07'31" | Edwards, Trinity | -- | -14.0 | 2.6 | 10 | |
| 177 | 29°27'00" | 99°07'30" | Trinity | -- | -8.0 | 3.9 | 12.6 | |
| 178 | 29°34'08" | 99°05'54" | Edwards | -- | -3.0 | 3.7 | 0 | on SH 173 |
| 178 | 29°32'17" | 99°05'03" | Edwards, Trinity | -- | -208.0 | .7 | 3.7 | |
| 178 | 29°34'41" | 99°04'48" | Edwards, Trinity | -- | 275.0 | 2.1 | 3 | |
| 178 | 29°31'17" | 99°05'03" | Edwards | -- | -366.0 | 2.3 | 5.1 | |
| 178 | 29°30'11" | 99°06'02" | Edwards | -- | 252.0 | .7 | 7.4 | |
| 178 | 29°30'05" | 99°06'30" | Edwards | -- | -48.0 | 1.9 | 8.1 | |
| 178 | 29°29'00" | 99°07'31" | Edwards | -- | -14.0 | 2.6 | 10 | |
| 178 | 29°27'00" | 99°07'30" | Edwards | -- | -49.0 | 3.9 | 12.6 | |
| 179 | 29°34'08" | 99°05'54" | Edwards | -- | -24.0 | 3.7 | 0 | on SH 173 |
| 179 | 29°32'17" | 99°05'03" | Edwards, Trinity | -- | -33.0 | 1.4 | 3.7 | |
| 179 | 29°31'17" | 99°05'03" | Edwards | -- | -21.0 | 2.3 | 5.1 | |
| 179 | 29°30'11" | 99°06'02" | Edwards | -- | 0 | .7 | 7.4 | |
| 179 | 29°30'05" | 99°06'30" | Edwards | -- | -5.0 | 1.9 | 8.1 | |
| 179 | 29°29'00" | 99°07'31" | Edwards | -- | -3.0 | 6.5 | 10 | |
| 180 | 29°35'15" | 99°06'32" | Trinity | -- | -48.4 | 11.2 | 0 | 1.3 mi below West Verde Creek |
| 180 | 29°28'55" | 99°07'18" | Edwards, Trinity | -- | -5.0 | 5.2 | 11.2 | |
| 180 | 29°24'23" | 99°07'12" | Edwards | -- | -5.0 | 1.3 | 16.4 | |
| 180 | 29°24'25" | 99°07'24" | -- | -- | .1 | .5 | 17.7 | |
| 180 | 29°24'16" | 99°06'58" | -- | -- | 0 | 1.3 | 18.2 | |
| 181 | 29°34'32" | 99°05'54" | Edwards | -- | -24.0 | 3.7 | 24 | 700 ft above bridge on SH 173 |
| 181 | 29°32'34" | 99°04'46" | Edwards, Trinity | -- | -33.0 | 1.4 | 20.3 | |
| 181 | 29°31'30" | 99°05'03" | Edwards | -- | -21.0 | 2.3 | 18.9 | |
| 181 | 29°30'29" | 99°06'01" | Edwards | -- | 0 | .7 | 16.6 | |
| 181 | 29°30'29" | 99°06'30" | Edwards | -- | -5.0 | 1.9 | 15.9 | |
| 181 | 29°29'30" | 99°07'17" | Edwards | -- | -4.0 | 3.0 | 14 | |
| 181 | 29°27'24" | 99°07'30" | Edwards | -- | 1.0 | 3.5 | 11 | |
| 182 | 29°25'41" | 99°59'48" | Edwards | -- | -17.5 | 8.0 | -4 | 0.4 mi above gaging station at Laguna (08190000) |
| 182 | 29°20'50" | 99°57'24" | Edwards | -- | -40.5 | 1.2 | 7.6 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 182 | 29°20'10" | 99°56'46" | Edwards | -- | -18.4 | 3.2 | 8.8 | |
| 182 | 29°16'47" | 99°56'52" | -- | -- | 0 | 7.6 | 12 | |
| 182 | 29°12'19" | 99°54'05" | -- | -- | 8.6 | 2.0 | 19.6 | |
| 182 | 29°10'51" | 99°53'44" | Carrizo-Wilcox | -- | 6.4 | 6.0 | 21.6 | |
| 182 | 29°07'24" | 99°53'38" | Carrizo-Wilcox | -- | -5.7 | 2.8 | 27.6 | |
| 182 | 29°04'03" | 99°51'00" | Carrizo-Wilcox | -- | -3.3 | 5.3 | 30.4 | |
| 182 | 29°01'19" | 99°48'52" | Carrizo-Wilcox | -- | -6.0 | 2.1 | 35.7 | |
| 182 | 29°00'38" | 99°48'20" | Carrizo-Wilcox | -- | 4.6 | .1 | 37.8 | |
| 182 | 29°00'35" | 99°48'16" | Carrizo-Wilcox | -- | -2.4 | 5.5 | 37.9 | |
| 182 | 28°55'58" | 99°47'48" | -- | -- | 10.4 | 3.1 | 43.4 | |
| 183 | 29°25'48" | 99°59'40" | Edwards | -- | -10.5 | 7.9 | -4 | 0.4 mi above gaging station at Laguna (08190000) |
| 183 | 29°20'50" | 99°57'24" | Edwards | -- | -46.0 | 1.3 | 7.5 | |
| 183 | 29°20'10" | 99°56'46" | Edwards | -- | -21.2 | 3.2 | 8.8 | |
| 183 | 29°16'47" | 99°56'52" | -- | -- | 0 | 7.6 | 12 | |
| 183 | 29°12'19" | 99°54'05" | -- | -- | 10.8 | 2.0 | 19.6 | |
| 183 | 29°10'51" | 99°53'44" | Carrizo-Wilcox | -- | 7.6 | 6.0 | 21.6 | |
| 183 | 29°06'52" | 99°52'54" | Carrizo-Wilcox | -- | -7.1 | 2.8 | 27.6 | |
| 183 | 29°04'03" | 99°51'00" | Carrizo-Wilcox | -- | -2.5 | 5.3 | 30.4 | |
| 183 | 29°01'19" | 99°48'52" | Carrizo-Wilcox | -- | -8.8 | 2.1 | 35.7 | |
| 183 | 29°00'40" | 99°48'23" | Carrizo-Wilcox | -- | 5.2 | .1 | 37.8 | |
| 183 | 29°00'35" | 99°48'16" | Carrizo-Wilcox | -- | -3.8 | 5.5 | 37.9 | |
| 183 | 28°55'58" | 99°47'49" | -- | -- | 9.6 | 3.1 | 43.4 | |
| 184 | 29°25'48" | 99°59'40" | Edwards | -- | -10.8 | 7.9 | -4 | 0.4 mi above gaging station at Laguna (08190000) |
| 184 | 29°20'50" | 99°57'24" | Edwards | -- | -44.1 | 1.3 | 7.5 | |
| 184 | 29°20'10" | 99°56'46" | Edwards | -- | -5.4 | 3.2 | 8.8 | |
| 184 | 29°16'47" | 99°56'52" | -- | -- | 0 | 7.6 | 12 | |
| 184 | 29°12'19" | 99°54'05" | -- | -- | 8.2 | 2.0 | 19.6 | |
| 184 | 29°10'51" | 99°53'44" | Carrizo-Wilcox | -- | 5.5 | 6.0 | 21.6 | |
| 184 | 29°06'52" | 99°52'54" | Carrizo-Wilcox | -- | -6.9 | 3.0 | 27.6 | |
| 184 | 29°03'55" | 99°50'56" | Carrizo-Wilcox | -- | -1.5 | 5.1 | 30.6 | |
| 184 | 29°01'19" | 99°48'52" | Carrizo-Wilcox | -- | -5.3 | 2.1 | 35.7 | |
| 184 | 29°00'40" | 99°48'23" | Carrizo-Wilcox | -- | .2 | .1 | 37.8 | |
| 184 | 29°00'35" | 99°48'16" | Carrizo-Wilcox | -- | .1 | 5.5 | 37.9 | |
| 184 | 28°55'50" | 99°47'43" | -- | -- | 7.7 | 3.0 | 43.4 | |
| 185 | 29°25'48" | 99°59'40" | Edwards | -- | -11.6 | 7.9 | -4 | 0.4 mi above gaging station at Laguna (08190000) |
| 185 | 29°20'50" | 99°57'24" | Edwards | -- | -29.1 | 1.3 | 7.5 | |
| 185 | 29°20'10" | 99°56'46" | Edwards | -- | 0 | 3.2 | 8.8 | |
| 185 | 29°16'47" | 99°56'52" | -- | -- | 0 | 7.6 | 12 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 185 | 29°12'19" | 99°54'05" | -- | -- | 7.0 | 2.0 | 19.6 | |
| 185 | 29°10'51" | 99°53'44" | Carrizo-Wilcox | -- | 5.1 | 6.0 | 21.6 | |
| 185 | 29°06'52" | 99°52'54" | Carrizo-Wilcox | -- | -5.6 | 3.0 | 27.6 | |
| 185 | 29°03'55" | 99°50'56" | Carrizo-Wilcox | -- | -1.4 | 5.1 | 30.6 | |
| 185 | 29°01'19" | 99°48'52" | Carrizo-Wilcox | -- | 0 | 2.2 | 35.7 | |
| 185 | 29°00'35" | 99°48'16" | Carrizo-Wilcox | -- | 0 | 5.3 | 37.9 | |
| 185 | 28°55'58" | 99°47'49" | -- | -- | 7.7 | 3.3 | 43.2 | |
| 186 | 29°25'42" | 99°59'47" | Edwards | -- | -47.0 | 7.8 | 0 | gaging station (08190000) |
| 186 | 29°19'41" | 99°56'51" | Edwards | -- | -4.0 | 9.4 | 7.8 | |
| 186 | 29°14'38" | 99°54'24" | -- | -- | -48.0 | 3.3 | 17.2 | |
| 186 | 29°12'19" | 99°54'06" | -- | -- | 11.0 | 2.7 | 20.5 | |
| 186 | 29°10'51" | 99°53'39" | -- | -- | 64.0 | 6.2 | 23.2 | |
| 187 | 29°43'14" | 100°02'02" | Edwards-Trinity Plateau | -- | -3.31 | 1.9 | 0 | Barksdale - 100 ft below hwy |
| 187 | 29°41'54" | 100°01'48" | Edwards-Trinity Plateau | -- | 10.5 | 1.8 | 1.9 | |
| 187 | 29°40'20" | 100°01'04" | Edwards-Trinity Plateau | -- | -1.9 | 2.7 | 3.7 | |
| 187 | 29°38'38" | 100°00'50" | Edwards-Trinity Plateau | -- | 0 | 2.0 | 6.4 | |
| 187 | 29°37'20" | 100°00'46" | Edwards-Trinity Plateau | -- | -4.3 | 3.9 | 8.4 | |
| 187 | 29°34'35" | 99°59'52" | Edwards-Trinity Plateau | -- | -6.4 | 1.5 | 12.3 | |
| 187 | 29°32'53" | 99°59'38" | Edwards-Trinity Plateau | -- | -15.7 | .3 | 13.8 | |
| 187 | 29°32'47" | 99°59'54" | Edwards-Trinity Plateau | -- | 1.5 | .4 | 14.1 | |
| 187 | 29°32'22" | 99°59'51" | Edwards-Trinity Plateau | -- | -.5 | .7 | 14.5 | |
| 187 | 29°32'04" | 100°00'10" | Edwards-Trinity Plateau | -- | 9.0 | .5 | 15.2 | |
| 187 | 29°31'56" | 100°00'43" | Edwards-Trinity Plateau | -- | -10.0 | .5 | 15.7 | |
| 187 | 29°30'57" | 100°01'26" | Edwards-Trinity Plateau | -- | .8 | .9 | 16.2 | |
| 187 | 29°31'12" | 100°01'08" | Edwards-Trinity Plateau | -- | 6.7 | 1.4 | 17.1 | |
| 187 | 29°29'09" | 100°01'04" | Edwards-Trinity Plateau | -- | 3.4 | 2.3 | 18.5 | |
| 187 | 29°28'40" | 100°01'33" | Edwards-Trinity Plateau | -- | 7.4 | 2.5 | 20.8 | |
| 187 | 29°27'37" | 99°59'52" | Edwards-Trinity Plateau | -- | 1.8 | 1.9 | 23.3 | |
| 188 | 29°43'14" | 100°01'58" | Edwards-Trinity Plateau | -- | 3.68 | 1.9 | 0 | Barksdale - 50 ft below hwy |
| 188 | 29°41'54" | 100°01'48" | Edwards-Trinity Plateau | -- | 14.1 | 1.8 | 1.9 | |
| 188 | 29°40'00" | 100°01'44" | Edwards-Trinity Plateau | -- | -.2 | 2.7 | 3.7 | |
| 188 | 29°38'38" | 100°00'50" | Edwards-Trinity Plateau | -- | 2.5 | 2.0 | 6.4 | |
| 188 | 29°37'19" | 100°00'46" | Edwards-Trinity Plateau | -- | -7.0 | 3.9 | 8.4 | |
| 188 | 29°34'35" | 99°59'52" | Edwards-Trinity Plateau | -- | -8.0 | 1.5 | 12.3 | |
| 188 | 29°32'55" | 99°59'39" | Edwards-Trinity Plateau | -- | -19.3 | .3 | 13.8 | |
| 188 | 29°32'47" | 99°59'54" | Edwards-Trinity Plateau | -- | 1.5 | .4 | 14.1 | |
| 188 | 29°32'22" | 99°59'51" | Edwards-Trinity Plateau | -- | 1.5 | .7 | 14.5 | |
| 188 | 29°32'04" | 100°00'10" | Edwards-Trinity Plateau | -- | 12.0 | .5 | 15.2 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 188 | 29°31'58" | 100°00'39" | Edwards-Trinity Plateau | -- | -15.0 | 0.5 | 15.7 | |
| 188 | 29°31'48" | 100°00'57" | Edwards-Trinity Plateau | -- | 1.5 | .9 | 16.2 | |
| 188 | 29°31'12" | 100°01'08" | Edwards-Trinity Plateau | -- | 2.5 | .2 | 17.1 | |
| 188 | 29°31'04" | 100°01'22" | Edwards-Trinity Plateau | -- | 16.0 | .3 | 17.3 | |
| 188 | 29°30'52" | 100°01'30" | Edwards-Trinity Plateau | -- | -8.0 | .9 | 17.6 | |
| 188 | 29°29'09" | 100°01'04" | Edwards-Trinity Plateau | -- | 6.7 | 2.3 | 18.5 | |
| 188 | 29°28'40" | 100°01'30" | Edwards-Trinity Plateau | -- | 8.9 | 2.5 | 20.8 | |
| 188 | 29°27'37" | 99°59'52" | Edwards-Trinity Plateau | -- | 2.4 | 1.9 | 23.3 | |
| 189 | 29°43'14" | 100°01'58" | Edwards-Trinity Plateau | -- | -.5 | 1.8 | 0 | Barksdale - 600 ft below hwy |
| 189 | 29°42'02" | 100°01'44" | Edwards-Trinity Plateau | -- | 19.2 | 1.9 | 1.8 | |
| 189 | 29°40'19" | 100°01'04" | Edwards-Trinity Plateau | -- | 12.2 | 3.0 | 3.7 | |
| 189 | 29°38'38" | 100°00'50" | Edwards-Trinity Plateau | -- | 4.1 | 2.5 | 6.7 | |
| 189 | 29°37'19" | 100°00'46" | Edwards-Trinity Plateau | -- | -3.6 | 2.9 | 9.2 | |
| 189 | 29°34'35" | 99°59'52" | Edwards-Trinity Plateau | -- | -15.1 | 1.7 | 12.1 | |
| 189 | 29°32'55" | 99°59'39" | Edwards-Trinity Plateau | -- | -30.3 | .3 | 13.8 | |
| 189 | 29°32'47" | 99°59'54" | Edwards-Trinity Plateau | -- | -10.7 | .6 | 14.1 | |
| 189 | 29°32'22" | 99°59'51" | Edwards-Trinity Plateau | -- | 10.0 | .8 | 14.7 | |
| 189 | 29°32'04" | 100°00'10" | Edwards-Trinity Plateau | -- | 10.0 | 1.0 | 15.5 | |
| 189 | 29°31'48" | 100°00'57" | Edwards-Trinity Plateau | -- | -25.0 | .4 | 16.5 | |
| 189 | 29°31'16" | 100°01'04" | Edwards-Trinity Plateau | -- | -5.0 | .3 | 16.9 | |
| 189 | 29°31'07" | 100°01'19" | Edwards-Trinity Plateau | -- | 35.8 | .2 | 17.2 | |
| 189 | 29°30'52" | 100°01'30" | Edwards-Trinity Plateau | -- | -8.7 | 3.4 | 17.4 | |
| 189 | 29°28'40" | 100°01'30" | Edwards-Trinity Plateau | -- | 15.5 | 2.5 | 20.8 | |
| 189 | 29°27'37" | 99°59'52" | Edwards-Trinity Plateau | -- | 10.3 | 1.9 | 23.3 | |
| 190 | 27°59'12" | 97°48'00" | Gulf Coast | -- | -9 | 1.9 | 9.8 | gaging station (08211100) |
| 190 | 27°58'23" | 97°48'54" | Gulf Coast | -- | 2.4 | 1.0 | 11.7 | |
| 190 | 27°57'25" | 97°48'33" | Gulf Coast | -- | -.5 | 1.5 | 12.7 | |
| 190 | 27°56'29" | 97°48'20" | Gulf Coast | -- | 2.0 | 4.0 | 14.2 | |
| 191 | 29°55'40" | 100°00'25" | Edwards-Trinity Plateau | -- | -.1 | 1.5 | 0 | just below Odley Creek near Vance |
| 191 | 29°53'10" | 100°01'08" | Edwards-Trinity Plateau | -- | 43.0 | 6.8 | 1.5 | |
| 191 | 29°48'37" | 100°00'57" | Edwards-Trinity Plateau | -- | -15.9 | 5.9 | 8.3 | |
| 191 | 29°43'14" | 100°01'58" | Edwards-Trinity Plateau | -- | 86.8 | 3.9 | 14.2 | |
| 191 | 29°40'40" | 100°01'08" | Edwards-Trinity Plateau | -- | -47.3 | 11.3 | 18.1 | |
| 191 | 29°31'16" | 100°01'04" | Edwards-Trinity Plateau | -- | 63.1 | 7.8 | 29.4 | |
| 191 | 29°27'39" | 99°59'54" | Edwards-Trinity Plateau | -- | 7.0 | 3.0 | 37.2 | |
| 191 | 29°25'41" | 99°59'48" | Edwards, Edwards-Trinity Plateau | -- | -34.0 | 5.1 | 40.2 | |
| 191 | 29°22'32" | 99°59'54" | Edwards | -- | 8.0 | 4.0 | 45.3 | |
| 191 | 29°20'50" | 99°57'24" | Edwards | -- | -58.3 | 2.5 | 49.3 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 191 | 29°17'00" | 99°56'53" | -- | -- | -30.1 | 4.5 | 51.8 | |
| 191 | 29°14'37" | 99°54'24" | -- | -- | -33.4 | 2.8 | 56.3 | |
| 191 | 29°11'52" | 99°54'17" | -- | -- | 21.6 | 2.0 | 59.1 | |
| 191 | 29°10'51" | 99°53'44" | -- | -- | .9 | 1.6 | 61.1 | |
| 191 | 29°09'05" | 99°54'59" | Carrizo-Wilcox | -- | 13.9 | 3.9 | 62.7 | |
| 191 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | -8.4 | 3.0 | 66.6 | |
| 191 | 29°04'44" | 99°52'17" | Carrizo-Wilcox | -- | 3.0 | 4.8 | 69.6 | |
| 192 | 28°25'33" | 99°14'22" | -- | -- | 0 | 7.4 | 221.8 | gaging station (08194000) at Cotulla |
| 192 | 28°22'18" | 99°11'40" | -- | -- | -19.7 | 8.8 | 214.4 | |
| 192 | 28°18'02" | 99°08'20" | -- | -- | 7.5 | 11.2 | 205.6 | |
| 192 | 28°14'06" | 99°04'05" | -- | -- | 2.8 | 3.7 | 194.4 | |
| 192 | 28°12'02" | 99°03'20" | -- | -- | 2.4 | 4.3 | 190.7 | |
| 192 | 28°09'36" | 99°02'04" | -- | -- | -1.3 | 33.0 | 186.4 | |
| 192 | 28°11'57" | 98°41'48" | -- | -- | 7.9 | 15.0 | 153.4 | |
| 192 | 28°18'30" | 98°33'24" | -- | -- | 3.0 | 9.3 | 138.4 | |
| 192 | 28°20'12" | 98°26'24" | Gulf Coast | -- | 5.0 | 15.4 | 129.1 | |
| 193 | 28°25'33" | 99°14'22" | -- | -- | -5 | 7.4 | 221.8 | gaging station (08194000) |
| 193 | 28°22'18" | 99°11'40" | -- | -- | -7.0 | 8.8 | 214.4 | |
| 193 | 28°18'02" | 99°08'20" | -- | -- | 1.2 | 11.2 | 205.6 | |
| 193 | 28°14'06" | 99°04'05" | -- | -- | 4.6 | 8.0 | 194.4 | |
| 193 | 28°09'36" | 99°02'04" | -- | -- | .09 | 17.1 | 186.4 | |
| 193 | 28°05'47" | 98°51'00" | -- | -- | 3.1 | 15.9 | 169.3 | |
| 193 | 28°11'57" | 98°41'48" | -- | -- | 2.3 | 15.0 | 153.4 | |
| 193 | 28°18'30" | 98°33'24" | -- | -- | 6.5 | 9.3 | 138.4 | gaging station (08194500) |
| 193 | 28°20'12" | 98°26'24" | Gulf Coast | -- | -1.0 | 15.4 | 129.1 | |
| 194 | 29°25'48" | 99°59'40" | Edwards | -- | -9 | .4 | -2 | 1,200 ft above gaging station at Laguna (08190000) |
| 194 | 29°25'29" | 99°59'50" | Edwards | -- | -4.1 | 1.6 | .2 | |
| 194 | 29°23'52" | 99°59'58" | Edwards | -- | -3.8 | 1.8 | 1.8 | |
| 194 | 29°23'06" | 100°00'21" | Edwards | -- | -12.2 | 3.0 | 3.6 | |
| 194 | 29°21'34" | 99°58'13" | Edwards | -- | 4.5 | 1.0 | 6.6 | |
| 194 | 29°20'50" | 99°57'17" | Edwards | -- | -10.1 | .6 | 7.6 | |
| 194 | 29°20'10" | 99°56'46" | Edwards | -- | 0 | 3.8 | 8.2 | |
| 194 | 29°17'18" | 99°56'56" | -- | -- | 0 | 4.9 | 12 | |
| 194 | 29°14'38" | 99°54'25" | -- | -- | 0 | 2.7 | 16.9 | |
| 194 | 29°12'19" | 99°54'05" | -- | -- | 0 | 1.0 | 19.6 | |
| 194 | 29°11'38" | 99°54'19" | -- | -- | 8.9 | 1.0 | 20.6 | |
| 194 | 29°10'51" | 99°53'44" | -- | -- | 1.1 | 1.0 | 21.6 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 194 | 29°09'05" | 99°54'59" | -- | -- | -3.0 | 2.0 | 22.6 | |
| 194 | 29°08'53" | 99°53'52" | Carrizo-Wilcox | -- | 4.3 | 2.0 | 24.6 | |
| 194 | 29°07'24" | 99°53'38" | Carrizo-Wilcox | -- | -1.6 | 1.0 | 26.6 | |
| 194 | 29°06'52" | 99°52'54" | Carrizo-Wilcox | -- | -4.7 | 3.0 | 27.6 | |
| 194 | 29°03'55" | 99°50'56" | Carrizo-Wilcox | -- | -2 | 5.1 | 30.6 | |
| 194 | 29°01'56" | 99°49'46" | Carrizo-Wilcox | -- | -4.2 | 2.3 | 35.7 | |
| 194 | 29°00'31" | 99°48'12" | Carrizo-Wilcox | -- | -1.1 | 5.2 | 38 | |
| 194 | 28°55'58" | 99°47'49" | -- | -- | 7.0 | 3.3 | 43.2 | |
| 194 | 28°53'40" | 99°47'15" | -- | -- | -2.2 | 3.5 | 46.5 | |
| 194 | 28°51'57" | 99°46'57" | -- | -- | 0 | 3.6 | 50 | |
| 194 | 28°50'35" | 99°47'34" | -- | -- | -1 | 3.3 | 53.6 | |
| 194 | 28°49'27" | 99°47'12" | -- | -- | -1.3 | 4.5 | 56.9 | |
| 195 | 29°25'41" | 99°59'48" | Edwards | -- | -21.2 | 6.2 | 0 | gaging station at Laguna (08190000) |
| 195 | 29°21'37" | 99°58'59" | Edwards | -- | -28.1 | 4.2 | 6.2 | |
| 195 | 29°19'17" | 99°57'03" | Edwards | -- | -14.9 | 2.6 | 10.4 | |
| 195 | 29°17'18" | 99°56'55" | -- | -- | 0 | 5.0 | 13 | |
| 195 | 29°14'37" | 99°54'24" | -- | -- | 0 | 2.6 | 18 | |
| 195 | 29°12'19" | 99°54'05" | -- | -- | 9.0 | 2.1 | 20.6 | |
| 195 | 29°07'24" | 99°53'38" | -- | -- | 7.8 | 5.5 | 22.7 | |
| 195 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | -4.1 | 3.4 | 28.2 | |
| 195 | 29°04'42" | 99°52'18" | Carrizo-Wilcox | -- | -8.7 | 8.0 | 31.6 | |
| 196 | 29°25'41" | 99°59'48" | Edwards | -- | -17.8 | 6.2 | 0 | gaging station at Laguna (08190000) |
| 196 | 29°21'35" | 99°58'57" | Edwards | -- | -23.3 | 4.2 | 6.2 | |
| 196 | 29°19'17" | 99°57'03" | Edwards | -- | -22.9 | 2.6 | 10.4 | |
| 196 | 29°17'18" | 99°56'56" | -- | -- | 0 | 5.0 | 13 | |
| 196 | 29°14'37" | 99°54'24" | -- | -- | 0 | 2.6 | 18 | |
| 196 | 29°12'19" | 99°54'05" | -- | -- | 8.1 | 2.1 | 20.6 | |
| 196 | 29°07'24" | 99°53'38" | -- | -- | 6.3 | 5.5 | 22.7 | |
| 196 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | -1.6 | 3.4 | 28.2 | |
| 196 | 29°04'44" | 99°52'17" | Carrizo-Wilcox | -- | -4.5 | 4.7 | 31.6 | |
| 196 | 29°01'55" | 99°49'48" | Carrizo-Wilcox | -- | -3.8 | 3.3 | 36.3 | |
| 197 | 29°25'42" | 99°59'47" | Edwards | -- | -21.8 | 5.1 | 0 | gaging station at Laguna (08190000) |
| 197 | 29°22'33" | 99°59'57" | Edwards | -- | -13.5 | 13.8 | 5.1 | |
| 197 | 29°15'08" | 99°55'55" | -- | -- | 4.3 | 2.0 | 18.9 | |
| 197 | 29°12'19" | 99°54'05" | -- | -- | -2.8 | 1.9 | 20.9 | |
| 197 | 29°09'05" | 99°54'59" | -- | -- | 7.5 | 4.0 | 22.8 | |
| 197 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | -6.2 | 3.0 | 26.8 | |
| 197 | 29°04'43" | 99°52'17" | Carrizo-Wilcox | -- | -2.8 | 1.8 | 29.8 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 197 | 29°03'56" | 99°50'57" | Carrizo-Wilcox | -- | 0.5 | 2.9 | 31.6 | |
| 197 | 29°02'43" | 99°50'03" | Carrizo-Wilcox | -- | 0 | .1 | 34.5 | |
| 197 | 29°01'57" | 99°49'46" | Carrizo-Wilcox | -- | -.5 | 6.1 | 34.6 | |
| 197 | 28°57'57" | 99°47'48" | -- | -- | 0 | 2.5 | 40.7 | |
| 197 | 28°54'59" | 99°47'28" | -- | -- | 8.0 | 4.2 | 43.2 | |
| 197 | 28°53'40" | 99°47'15" | -- | -- | -2.6 | 7.5 | 47.4 | |
| 198 | 29°25'41" | 99°59'47" | Edwards | -- | -57.0 | 13.0 | 0 | gaging station at Laguna (08190000) |
| 198 | 29°17'19" | 99°56'56" | -- | -- | -37.0 | 5.0 | 13 | |
| 198 | 29°14'38" | 99°54'24" | -- | -- | -23.0 | 2.6 | 18 | |
| 198 | 29°12'20" | 99°54'07" | -- | -- | 20.0 | 2.1 | 20.6 | |
| 198 | 29°07'24" | 99°53'37" | -- | -- | 10.0 | 5.5 | 22.7 | |
| 198 | 29°07'15" | 99°53'28" | Carrizo-Wilcox | -- | -2.0 | 3.4 | 28.2 | |
| 198 | 29°04'43" | 99°52'17" | Carrizo-Wilcox | -- | -6.0 | 4.7 | 31.6 | |
| 198 | 29°03'55" | 99°50'57" | Carrizo-Wilcox | -- | -2.0 | 3.3 | 36.3 | |
| 198 | 29°02'29" | 99°50'07" | Carrizo-Wilcox | -- | -11.0 | 5.2 | 39.6 | |
| 198 | 28°55'58" | 99°47'48" | -- | -- | 32.0 | 11.7 | 44.8 | |
| 199 | 29°25'38" | 99°59'43" | Edwards | -- | -5.0 | 10.4 | 0 | gaging station at Laguna (08190000) |
| 199 | 29°19'11" | 99°56'59" | Edwards | -- | -30.0 | 2.6 | 10.4 | |
| 199 | 29°17'10" | 99°56'52" | -- | -- | -41.0 | 5.0 | 13 | |
| 199 | 29°14'36" | 99°54'16" | -- | -- | -31.4 | 2.6 | 18 | |
| 199 | 29°12'11" | 99°54'04" | -- | -- | 29.4 | 2.1 | 20.6 | |
| 199 | 29°07'05" | 99°53'39" | Carrizo-Wilcox | -- | 4.0 | 8.9 | 22.7 | |
| 199 | 29°04'50" | 99°52'21" | Carrizo-Wilcox | -- | -7.0 | 8.0 | 31.6 | |
| 199 | 29°02'26" | 99°50'07" | Carrizo-Wilcox | -- | -4.0 | 5.2 | 39.6 | |
| 199 | 28°55'54" | 99°47'46" | -- | -- | 1.0 | 8.2 | 44.8 | |
| 200 | 29°25'41" | 99°59'42" | Edwards | -- | -16.0 | 10.4 | 0 | gaging station at Laguna (08190000) |
| 200 | 29°19'09" | 99°57'08" | Edwards | -- | -34.0 | 2.6 | 10.4 | |
| 200 | 29°17'05" | 99°56'54" | -- | -- | -36.3 | 5.0 | 13 | |
| 200 | 29°14'39" | 99°54'22" | -- | -- | -23.1 | 2.6 | 18 | |
| 200 | 29°12'05" | 99°54'12" | -- | -- | 17.1 | 2.1 | 20.6 | |
| 200 | 29°07'07" | 99°53'35" | -- | -- | 17.5 | 5.5 | 22.7 | |
| 200 | 29°07'15" | 99°53'24" | Carrizo-Wilcox | -- | -5.5 | 3.4 | 28.2 | |
| 200 | 29°04'43" | 99°52'17" | Carrizo-Wilcox | -- | -10.6 | 8.0 | 31.6 | |
| 200 | 29°02'27" | 99°50'07" | Carrizo-Wilcox | -- | -4.7 | 5.2 | 39.6 | |
| 200 | 28°55'58" | 99°47'49" | -- | -- | 8.6 | 8.2 | 44.8 | |
| 200 | 28°51'56" | 99°46'56" | -- | -- | 13.4 | 3.5 | 53 | |
| 201 | 29°25'40" | 99°59'48" | Edwards | -- | -14.0 | 10.4 | 0 | gaging station at Laguna (08190000) |
| 201 | 29°19'15" | 99°57'04" | Edwards | -- | -39.9 | 2.6 | 10.4 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 201 | 29°17'18" | 99°56'56" | -- | -- | -40.7 | 5.0 | 13 | |
| 201 | 29°14'37" | 99°54'24" | -- | -- | -21.9 | 2.6 | 18 | |
| 201 | 29°12'19" | 99°54'05" | -- | -- | 18.7 | 2.1 | 20.6 | |
| 201 | 29°07'24" | 99°53'38" | -- | -- | 17.0 | 5.5 | 22.7 | |
| 201 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | -7.1 | 3.4 | 28.2 | |
| 201 | 29°04'43" | 99°52'18" | Carrizo-Wilcox | -- | -9.2 | 8.0 | 31.6 | |
| 201 | 29°00'30" | 99°48'12" | Carrizo-Wilcox | -- | -7.7 | 5.2 | 39.6 | |
| 201 | 28°55'59" | 99°47'48" | -- | -- | 12.1 | 8.2 | 44.8 | |
| 201 | 28°51'57" | 99°46'57" | -- | -- | .8 | 3.5 | 53 | |
| 202 | 29°25'41" | 99°59'48" | Edwards | -- | -17.0 | 10.4 | 0 | gaging station at Laguna (08190000) |
| 202 | 29°19'20" | 99°57'02" | Edwards | -- | -37.2 | 2.6 | 10.4 | |
| 202 | 29°17'18" | 99°56'53" | -- | -- | -36.3 | 5.0 | 13 | |
| 202 | 29°14'41" | 99°54'22" | -- | -- | -21.2 | 2.6 | 18 | |
| 202 | 29°12'20" | 99°54'05" | -- | -- | 20.6 | 2.1 | 20.6 | |
| 202 | 29°07'24" | 99°53'38" | -- | -- | 17.0 | 5.5 | 22.7 | |
| 202 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | -4.3 | 3.4 | 28.2 | |
| 202 | 29°04'43" | 99°52'18" | Carrizo-Wilcox | -- | -10.0 | 8.0 | 31.6 | |
| 202 | 29°00'30" | 99°48'12" | Carrizo-Wilcox | -- | -5.4 | 5.2 | 39.6 | |
| 202 | 28°55'58" | 99°47'48" | -- | -- | 11.6 | 8.2 | 44.8 | |
| 202 | 28°51'56" | 99°46'57" | -- | -- | -.3 | 3.5 | 53 | |
| 203 | 29°25'40" | 99°59'48" | Edwards | -- | 4.0 | 6.2 | 0 | gaging station at Laguna (08190000) |
| 203 | 29°21'39" | 99°58'57" | Edwards | -- | -5.0 | 4.2 | 6.2 | |
| 203 | 29°19'18" | 99°57'04" | Edwards | -- | -78.0 | 12.3 | 10.4 | |
| 204 | 29°25'36" | 99°59'44" | Edwards | -- | -29.5 | 10.4 | 0 | gaging station at Laguna (08190000) |
| 204 | 29°19'17" | 99°57'06" | Edwards | -- | -32.9 | 2.6 | 10.4 | |
| 204 | 29°17'18" | 99°56'52" | -- | -- | -31.9 | 5.0 | 13 | |
| 204 | 29°14'36" | 99°54'23" | -- | -- | -3.1 | 2.6 | 18 | |
| 204 | 29°12'15" | 99°54'06" | -- | -- | 20.1 | 2.1 | 20.6 | |
| 205 | 29°25'39" | 99°59'49" | Edwards | -- | -11.9 | 6.2 | 0 | gaging station at Laguna (08190000) |
| 205 | 29°21'37" | 99°58'59" | Edwards | -- | -16.1 | 4.2 | 6.2 | |
| 205 | 29°19'13" | 99°57'04" | Edwards | -- | -38.7 | 2.6 | 10.4 | |
| 205 | 29°17'16" | 99°56'51" | -- | -- | -25.1 | 7.6 | 13 | |
| 205 | 29°12'17" | 99°54'07" | -- | -- | 18.8 | 2.1 | 20.6 | |
| 206 | 29°25'41" | 99°59'48" | Edwards | -- | 3.0 | 6.2 | 0 | gaging station at Laguna (08190000) |
| 206 | 29°21'37" | 99°58'59" | Edwards | -- | 51.0 | 4.2 | 6.2 | |
| 206 | 29°19'17" | 99°57'03" | Edwards | -- | -58.0 | 2.6 | 10.4 | |
| 206 | 29°17'18" | 99°56'55" | -- | -- | -22.0 | 5.0 | 13 | |
| 206 | 29°14'37" | 99°54'24" | -- | -- | 0 | 2.6 | 18 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 206 | 29°12'19" | 99°54'05" | -- | -- | 33.0 | 2.1 | 20.6 | |
| 206 | 29°07'24" | 99°53'38" | -- | -- | 11.0 | 5.5 | 22.7 | |
| 206 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | -13.0 | 3.4 | 28.2 | |
| 206 | 29°04'44" | 99°52'17" | Carrizo-Wilcox | -- | 7.0 | 4.7 | 31.6 | |
| 206 | 29°01'57" | 99°49'46" | Carrizo-Wilcox | -- | -10.0 | 3.3 | 36.3 | |
| 206 | 29°00'31" | 99°48'12" | Carrizo-Wilcox | -- | -2.0 | 5.2 | 39.6 | |
| 206 | 28°55'58" | 99°47'49" | -- | -- | 11.0 | 8.2 | 44.8 | |
| 206 | 28°51'57" | 99°46'57" | -- | -- | 17.0 | 3.5 | 53 | |
| 207 | 29°25'41" | 99°59'48" | Edwards | -- | -.2 | 7.8 | 0 | gaging station at Laguna (08190000) |
| 207 | 29°21'29" | 99°58'03" | Edwards | -- | -22.9 | 2.6 | 7.8 | |
| 207 | 29°19'17" | 99°57'03" | Edwards | -- | 0 | 2.6 | 10.4 | |
| 207 | 29°17'18" | 99°56'55" | -- | -- | 0 | 5.0 | 13 | |
| 207 | 29°14'37" | 99°54'24" | -- | -- | 0 | 2.6 | 18 | |
| 207 | 29°12'19" | 99°54'05" | -- | -- | 16.3 | 2.1 | 20.6 | |
| 207 | 29°07'24" | 99°53'38" | -- | -- | 4.3 | 5.5 | 22.7 | |
| 207 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | -4.3 | 3.4 | 28.2 | |
| 207 | 29°04'44" | 99°52'17" | Carrizo-Wilcox | -- | -5.0 | 4.7 | 31.6 | |
| 207 | 29°01'57" | 99°49'46" | Carrizo-Wilcox | -- | -4.1 | 3.3 | 36.3 | |
| 207 | 29°00'31" | 99°48'12" | Carrizo-Wilcox | -- | -3.1 | 5.2 | 39.6 | |
| 207 | 28°55'58" | 99°47'49" | -- | -- | 9.8 | 8.2 | 44.8 | |
| 207 | 28°51'57" | 99°46'57" | -- | -- | .5 | 3.5 | 53 | |
| 208 | 29°25'41" | 99°59'48" | Edwards | -- | -62.2 | 10.4 | 0 | gaging station at Laguna (08190000) |
| 208 | 29°19'17" | 99°57'03" | Edwards | -- | -16.6 | 2.6 | 10.4 | |
| 208 | 29°17'18" | 99°56'55" | -- | -- | -25.0 | 5.0 | 13 | |
| 208 | 29°14'37" | 99°54'25" | -- | -- | -7.4 | 2.6 | 18 | |
| 208 | 29°12'19" | 99°54'05" | -- | -- | 19.1 | 2.1 | 20.6 | |
| 208 | 29°07'24" | 99°53'38" | -- | -- | 9.4 | 5.5 | 22.7 | |
| 208 | 29°07'09" | 99°53'15" | Carrizo-Wilcox | -- | 2.5 | 3.4 | 28.2 | |
| 209 | 28°02'16" | 97°51'36" | Gulf Coast | -- | -4.7 | 1.0 | 0 | gaging station near Mathis (08211000) |
| 209 | 28°02'10" | 97°50'45" | Gulf Coast | -- | 4.4 | 1.6 | 1 | |
| 209 | 28°02'21" | 97°49'09" | Gulf Coast | -- | -1.8 | 2.4 | 2.6 | |
| 209 | 28°02'14" | 97°48'02" | Gulf Coast | -- | -.2 | 2.0 | 5 | |
| 209 | 28°00'52" | 97°47'22" | Gulf Coast | -- | .4 | 1.9 | 7 | |
| 209 | 27°59'43" | 97°47'53" | Gulf Coast | -- | 2.4 | 2.0 | 8.9 | |
| 209 | 27°58'18" | 97°48'31" | Gulf Coast | -- | -1.8 | 2.5 | 10.9 | |
| 209 | 27°56'32" | 97°48'20" | Gulf Coast | -- | 1.9 | 2.3 | 13.4 | |
| 209 | 27°56'25" | 97°47'44" | Gulf Coast | -- | .6 | 2.4 | 15.7 | |
| 209 | 27°56'33" | 97°47'36" | Gulf Coast | -- | 1.5 | 1.8 | 18.1 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 209 | 27°56'14" | 97°46'19" | Gulf Coast | -- | -2.4 | 3.7 | 19.9 | |
| 209 | 27°54'46" | 97°43'40" | Gulf Coast | -- | -1.0 | 1.9 | 23.6 | |
| 210 | 29°07'18" | 99°53'44" | Carrizo-Wilcox | -- | 16.1 | 5.5 | 0 | gaging station at Laguna (08190000) |
| 210 | 29°07'07" | 99°53'10" | Carrizo-Wilcox | -- | -4.6 | 3.4 | 5.5 | |
| 210 | 29°04'44" | 99°52'17" | Carrizo-Wilcox | -- | -11.1 | 8.0 | 8.9 | |
| 210 | 29°00'31" | 99°48'11" | Carrizo-Wilcox | -- | -6.4 | 5.2 | 16.9 | |
| 210 | 28°55'58" | 99°47'50" | -- | -- | 11.9 | 8.2 | 22.1 | |
| 210 | 28°51'50" | 99°46'55" | -- | -- | -1.9 | 3.5 | 30.3 | |
| 211 | 28°26'13" | 98°11'19" | Gulf Coast | -- | 33.4 | .67 | 9.25 | at Miller's Ranch |
| 211 | 28°26'09" | 98°11'06" | Gulf Coast | -- | 3.7 | .78 | 9.92 | |
| 211 | 28°25'39" | 98°10'44" | Gulf Coast | -- | -3.4 | 6.1 | 10.7 | |
| 211 | 28°24'53" | 98°06'12" | Gulf Coast | -- | -1.3 | 5.7 | 16.8 | |
| 211 | 28°21'58" | 98°06'50" | Gulf Coast | -- | 33.49 | 3.2 | 22.5 | |
| 212 | 28°02'12" | 97°51'05" | Gulf Coast | -- | -8.0 | 2.8 | 0 | gaging station (08211000) |
| 212 | 28°02'25" | 97°49'08" | Gulf Coast | -- | 1.0 | 1.7 | 2.8 | |
| 212 | 28°01'56" | 97°47'57" | Gulf Coast | -- | 0 | 2.1 | 4.5 | |
| 212 | 28°00'50" | 97°47'28" | Gulf Coast | -- | 2.0 | 2.1 | 6.6 | |
| 212 | 27°59'11" | 97°48'00" | Gulf Coast | -- | 0 | 2.1 | 8.7 | |
| 212 | 27°58'10" | 97°49'01" | Gulf Coast | -- | -7.0 | 2.6 | 10.8 | |
| 212 | 27°56'29" | 97°48'29" | Gulf Coast | -- | -2.0 | 1.0 | 13.4 | |
| 212 | 27°56'07" | 97°47'55" | Gulf Coast | -- | 0 | 2.2 | 14.4 | |
| 212 | 27°56'35" | 97°46'39" | Gulf Coast | -- | 1.0 | 1.6 | 16.6 | |
| 212 | 27°56'02" | 97°45'44" | Gulf Coast | -- | -3.0 | 2.0 | 18.2 | |
| 212 | 27°55'00" | 97°45'03" | Gulf Coast | -- | 2.0 | 2.8 | 20.2 | |
| 212 | 27°54'40" | 97°44'07" | Gulf Coast | -- | -1.0 | 2.8 | 23 | |
| 213 | 28°02'16" | 97°51'36" | Gulf Coast | -- | -6.0 | 1.2 | 0 | gaging station (08211000) |
| 213 | 28°02'09" | 97°50'38" | Gulf Coast | -- | 5.0 | .8 | 1.2 | |
| 213 | 28°02'10" | 97°49'44" | Gulf Coast | -- | 0 | .8 | 2 | |
| 213 | 28°02'17" | 97°49'29" | Gulf Coast | -- | 2.0 | 7.7 | 2.8 | |
| 213 | 27°58'24" | 97°48'48" | Gulf Coast | -- | -6.0 | 1.2 | 10.5 | |
| 213 | 27°57'32" | 97°48'37" | Gulf Coast | -- | 0 | 2.5 | 11.7 | |
| 214 | 28°02'16" | 97°51'36" | Gulf Coast | -- | -8.0 | 1.7 | 0 | gaging station (08211000) |
| 214 | 28°02'08" | 97°50'05" | Gulf Coast | -- | 3.7 | 2.3 | 1.7 | |
| 214 | 28°02'25" | 97°48'42" | Gulf Coast | -- | -2.01 | 2.6 | 4 | |
| 214 | 28°01'08" | 97°47'23" | Gulf Coast | -- | -3.0 | 2.5 | 6.6 | |
| 214 | 27°59'36" | 97°47'56" | Gulf Coast | -- | 8.0 | .7 | 9.1 | |
| 214 | 27°58'52" | 97°48'06" | Gulf Coast | -- | 0 | 1.0 | 9.8 | gaging station (08211100) |
| 214 | 27°58'21" | 97°48'35" | Gulf Coast | -- | -7.0 | 1.9 | 10.8 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 214 | 27°57'21" | 97°48'34" | Gulf Coast | -- | 2.0 | 1.8 | 12.7 | |
| 214 | 27°56'28" | 97°48'33" | Gulf Coast | -- | 4.0 | 2.0 | 14.5 | |
| 214 | 27°56'29" | 97°47'43" | Gulf Coast | -- | -6.0 | 1.7 | 16.5 | |
| 214 | 27°56'33" | 97°46'37" | Gulf Coast | -- | 0 | 2.3 | 18.2 | |
| 215 | 28°02'16" | 97°51'36" | Gulf Coast | -- | 1.92 | 1.7 | 0 | gaging station (08211000) |
| 215 | 28°02'08" | 97°50'04" | Gulf Coast | -- | 2.0 | 2.3 | 1.7 | |
| 215 | 28°02'16" | 97°49'30" | Gulf Coast | -- | -1.04 | 2.6 | 4 | |
| 215 | 28°01'06" | 97°47'24" | Gulf Coast | -- | 3.0 | 2.5 | 6.6 | |
| 215 | 27°59'35" | 97°47'57" | Gulf Coast | -- | -2.0 | .7 | 9.1 | |
| 215 | 27°58'50" | 97°48'06" | Gulf Coast | -- | 0 | 1.0 | 9.8 | gaging station (08211100) |
| 215 | 27°58'20" | 97°48'34" | Gulf Coast | -- | -3.0 | 1.9 | 10.8 | |
| 215 | 27°57'21" | 97°48'34" | Gulf Coast | -- | 2.0 | 1.8 | 12.7 | |
| 215 | 27°56'29" | 97°48'33" | Gulf Coast | -- | 4.0 | 2.0 | 14.5 | |
| 215 | 27°56'29" | 97°47'44" | Gulf Coast | -- | -3.0 | 1.7 | 16.5 | |
| 215 | 27°56'32" | 97°46'36" | Gulf Coast | -- | -8.0 | 2.3 | 18.2 | |
| 216 | 29°48'37" | 100°00'57" | Edwards-Trinity Plateau | -- | 0 | 5.9 | 8.3 | near Vance |
| 216 | 29°43'14" | 100°02'02" | Edwards-Trinity Plateau | -- | 20.0 | 3.9 | 14.2 | |
| 216 | 29°40'40" | 100°01'08" | Edwards-Trinity Plateau | -- | -20.0 | 11.3 | 18.1 | |
| 216 | 29°31'16" | 100°01'04" | Edwards-Trinity Plateau | -- | 24.0 | 7.8 | 29.4 | |
| 216 | 29°27'39" | 99°59'54" | Edwards-Trinity Plateau | -- | -6.9 | 3.0 | 37.2 | |
| 216 | 29°25'41" | 99°59'48" | Edwards, Edwards-Trinity Plateau | -- | -17.1 | 5.1 | 40.2 | gaging station at Laguna (08190000) |
| 216 | 29°22'32" | 99°59'54" | Edwards | -- | 0 | 6.5 | 45.3 | |
| 216 | 29°20'51" | 99°57'20" | Edwards | -- | 0 | 4.5 | 51.8 | |
| 216 | 29°14'37" | 99°54'25" | -- | -- | 0 | 2.8 | 56.3 | |
| 216 | 29°11'52" | 99°54'17" | -- | -- | 27.0 | 2.0 | 59.1 | |
| 216 | 29°10'51" | 99°53'45" | Carrizo-Wilcox | -- | -6.0 | 13.3 | 61.1 | |
| 217 | 29°14'37" | 99°54'25" | -- | -- | 25.2 | 2.0 | 59.1 | at Old Spanish Trail crossing |
| 217 | 29°10'51" | 99°53'44" | -- | -- | 1.6 | 1.6 | 61.1 | |
| 218 | 29°43'14" | 100°02'02" | Edwards-Trinity Plateau | -- | -31.1 | 5.7 | 8.4 | 500 ft below county line |
| 218 | 29°32'53" | 99°59'39" | Edwards-Trinity Plateau | -- | 17.8 | 6.7 | 14.1 | |
| 218 | 29°28'40" | 100°01'30" | Edwards-Trinity Plateau | -- | 11.7 | 4.4 | 20.8 | |
| 219 | 29°12'21" | 99°54'07" | -- | -- | 16.6 | 2.8 | 0 | at US 90 |
| 219 | 29°10'51" | 99°53'44" | Carrizo-Wilcox | -- | 19.6 | 6.6 | 2.8 | |
| 219 | 29°07'08" | 99°53'13" | Carrizo-Wilcox | -- | -4.5 | 3.4 | 9.4 | |
| 219 | 29°04'43" | 99°52'22" | Carrizo-Wilcox | -- | .8 | 5.6 | 12.8 | |
| 219 | 29°02'05" | 99°50'06" | Carrizo-Wilcox | -- | 1.1 | .6 | 18.4 | |
| 219 | 29°01'43" | 99°49'26" | Carrizo-Wilcox | -- | -21.9 | 2.8 | 19 | |
| 219 | 29°00'08" | 99°47'56" | Carrizo-Wilcox | -- | -11.7 | 2.9 | 21.8 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of subreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|---|---|
| 219 | 28°56'55" | 99°47'20" | -- | -- | 7.9 | 5.2 | 24.7 | |
| 219 | 28°54'00" | 99°47'14" | -- | -- | 5.5 | 22.3 | 29.9 | |
| 220 | 29°36'03" | 99°31'41" | Trinity | -- | 4.3 | 3.0 | 0 | 1 mi south of Utopia |
| 220 | 29°34'03" | 99°31'10" | Trinity | -- | 8.5 | 5.0 | 3 | |
| 220 | 29°30'44" | 99°30'43" | Trinity | -- | -4 | 2.0 | 8 | just below mouth of Onion Creek |
| 220 | 29°29'54" | 99°29'47" | Edwards, Trinity | -- | -10.0 | 2.0 | 10 | |
| 220 | 29°28'16" | 99°29'34" | Edwards | -- | -35.1 | 5.5 | 12 | |
| 221 | 29°49'49" | 99°34'06" | Edwards-Trinity Plateau | -- | .3 | 1.3 | 0 | 8.2 mi above Vanderpool |
| 221 | 29°49'07" | 99°34'13" | Edwards-Trinity Plateau, Trinity | -- | 2.24 | 2.9 | 1.3 | |
| 221 | 29°47'36" | 99°34'35" | Trinity | -- | 2.99 | 4.7 | 4.2 | |
| 221 | 29°43'39" | 99°32'48" | Trinity | -- | 12.17 | .6 | 8.9 | |
| 221 | 29°41'38" | 99°33'09" | Trinity | -- | -2 | 2.5 | 9.5 | |
| 221 | 29°39'48" | 99°32'32" | Trinity | -- | -44.7 | 2.6 | 12 | |
| 221 | 29°37'55" | 99°32'10" | Trinity | -- | 39.4 | 3.3 | 14.6 | |
| 221 | 29°37'55" | 99°32'10" | Trinity | -- | 0 | .3 | 17.9 | |
| 221 | 29°37'40" | 99°32'02" | Trinity | -- | 3.3 | 3.4 | 18.2 | |
| 221 | 29°35'49" | 99°31'50" | Trinity | -- | 2.9 | 3.0 | 21.6 | |
| 221 | 29°33'56" | 99°30'17" | Trinity | -- | 8.9 | 4.5 | 24.6 | |
| 221 | 29°30'50" | 99°30'37" | Trinity | -- | 2.1 | 2.3 | 29.1 | |
| 221 | 29°29'26" | 99°29'32" | Edwards | -- | -12.7 | 1.8 | 31.4 | near Sabinal gaging station (08198500) |
| 221 | 29°28'16" | 99°29'34" | Edwards | -- | -12.3 | 2.2 | 33.2 | |
| 221 | 29°27'05" | 99°30'55" | Edwards | -- | -29.8 | 3.6 | 35.4 | |
| 221 | 29°24'40" | 99°29'38" | -- | -- | -3.2 | 3.4 | 39 | |
| 221 | 29°22'53" | 99°29'17" | -- | -- | -1.6 | 3.4 | 42.4 | |
| 221 | 29°20'25" | 99°28'48" | -- | -- | -1.4 | 3.2 | 45.8 | |
| 222 | 29°49'49" | 99°34'06" | Edwards-Trinity Plateau, Trinity | -- | .2 | 1.2 | 0 | 8.2 mi above Vanderpool |
| 222 | 29°48'54" | 99°34'18" | Trinity | -- | .76 | 3.0 | 1.2 | |
| 222 | 29°47'36" | 99°34'35" | Trinity | -- | -0.9 | 4.0 | 4.2 | |
| 222 | 29°44'39" | 99°33'14" | Trinity | -- | -0.6 | 1.2 | 8.2 | |
| 222 | 29°43'44" | 99°32'52" | Trinity | -- | -1.84 | .9 | 9.4 | |
| 222 | 29°43'07" | 99°32'53" | Trinity | -- | .5 | 1.3 | 10.3 | |
| 222 | 29°41'59" | 99°33'02" | Trinity | -- | .25 | .9 | 11.6 | |
| 222 | 29°41'20" | 99°32'59" | Trinity | -- | -0.75 | .7 | 12.5 | |
| 222 | 29°40'47" | 99°32'50" | Trinity | -- | .5 | 1.2 | 13.2 | |
| 222 | 29°39'48" | 99°32'32" | Trinity | -- | -0.5 | .4 | 14.4 | |
| 222 | 29°39'49" | 99°32'08" | Trinity | -- | 0 | .9 | 14.8 | |
| 222 | 29°39'16" | 99°32'00" | Trinity | -- | 0 | 2.2 | 15.7 | |
| 222 | 29°37'47" | 99°32'03" | Trinity | -- | -0.5 | 1.1 | 17.9 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 222 | 29°36'43" | 99°31'44" | Trinity | -- | 0.5 | 5.5 | 19 | |
| 222 | 29°33'56" | 99°30'17" | Trinity | -- | -.5 | 1.0 | 24.5 | |
| 222 | 29°33'08" | 99°30'06" | Trinity | -- | .5 | 3.3 | 25.5 | |
| 222 | 29°31'04" | 99°30'25" | Trinity | -- | -.5 | 2.6 | 28.8 | |
| 223 | 29°49'49" | 99°34'06" | Edwards-Trinity Plateau, Trinity | -- | 0 | 1.2 | 0 | 8.2 mi above Vanderpool |
| 223 | 29°48'54" | 99°34'18" | Trinity | -- | .26 | 3.0 | 1.2 | |
| 223 | 29°47'36" | 99°34'35" | Trinity | -- | -.08 | 4.0 | 4.2 | |
| 223 | 29°44'39" | 99°33'14" | Trinity | -- | -.05 | 1.2 | 8.2 | |
| 223 | 29°43'44" | 99°32'52" | Trinity | -- | -.4 | .9 | 9.4 | |
| 223 | 29°43'07" | 99°32'53" | Trinity | -- | .1 | 1.3 | 10.3 | |
| 223 | 29°41'59" | 99°33'02" | Trinity | -- | .05 | .9 | 11.6 | |
| 223 | 29°41'20" | 99°32'59" | Trinity | -- | -.15 | .7 | 12.5 | |
| 223 | 29°40'47" | 99°32'50" | Trinity | -- | .3 | 1.2 | 13.2 | |
| 223 | 29°39'48" | 99°32'32" | Trinity | -- | -.2 | .4 | 14.4 | |
| 223 | 29°39'49" | 99°32'08" | Trinity | -- | -.1 | .9 | 14.8 | |
| 223 | 29°39'16" | 99°32'00" | Trinity | -- | 0 | 2.2 | 15.7 | |
| 223 | 29°37'55" | 99°32'10" | Trinity | -- | -.81 | 1.1 | 17.9 | |
| 223 | 29°36'43" | 99°31'44" | Trinity | -- | .3 | 5.5 | 19 | |
| 223 | 29°33'56" | 99°30'17" | Trinity | -- | -.3 | 1.0 | 24.5 | |
| 223 | 29°33'08" | 99°30'06" | Trinity | -- | .1 | 3.3 | 25.5 | |
| 223 | 29°31'04" | 99°30'25" | Trinity | -- | -.1 | 2.6 | 28.8 | |
| 224 | 29°36'12" | 99°31'33" | Trinity | -- | 2.84 | 7.0 | 0 | 0.8 mi below Utopia |
| 224 | 29°30'21" | 99°30'51" | Trinity | -- | -1.36 | 10.5 | 7 | |
| 224 | 29°21'00" | 99°28'50" | -- | -- | -.56 | .5 | 17.5 | |
| 225 | 29°30'46" | 99°30'43" | Trinity | -- | -.5 | 2.0 | 0 | just below Onion Creek |
| 225 | 29°29'38" | 99°29'47" | Edwards, Trinity | -- | -8.8 | 2.0 | 2 | |
| 225 | 29°28'16" | 99°29'34" | Edwards | -- | -23.0 | 5.5 | 4 | |
| 226 | 29°30'45" | 99°30'43" | Trinity | -- | -3.52 | 2.0 | 0 | just below Onion Creek |
| 226 | 29°29'38" | 99°29'47" | Edwards, Trinity | -- | -3.03 | 2.0 | 2 | |
| 226 | 29°28'16" | 99°29'34" | Edwards | -- | 0 | 5.5 | 4 | |
| 227 | 29°29'35" | 99°29'48" | -- | -- | -51.9 | 5.3 | 0 | gaging station (08190000) |
| 227 | 29°25'57" | 99°31'01" | -- | -- | -30.3 | 6.0 | 5.3 | |
| 227 | 29°22'49" | 99°29'04" | -- | -- | 0 | 7.8 | 11.3 | |
| 228 | 29°29'35" | 99°29'48" | -- | -- | -40.1 | 5.3 | 0 | gaging station (90819000) |
| 228 | 29°25'57" | 99°31'01" | -- | -- | -49.4 | 6.0 | 5.3 | |
| 228 | 29°22'49" | 99°29'04" | -- | -- | -1.7 | 7.8 | 11.3 | |
| 229 | 29°34'23" | 99°24'10" | Trinity | -- | -19.0 | 1.3 | 0 | gaging station (08201500) |
| 229 | 29°33'25" | 99°24'18" | Trinity | -- | 42.0 | 2.5 | 1.3 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 229 | 29°31'42" | 99°23'44" | Edwards, Trinity | -- | -56.0 | 1.1 | 3.8 | |
| 229 | 29°30'57" | 99°23'04" | Edwards | -- | -108.35 | 11.4 | 4.9 | |
| 229 | 29°26'21" | 99°17'04" | -- | -- | -23.0 | 3.2 | 16.3 | |
| 229 | 29°24'03" | 99°16'57" | -- | -- | -3.0 | 3.4 | 19.5 | |
| 230 | 29°34'23" | 99°24'10" | Trinity | -- | -21.0 | 1.3 | 0 | gaging station (08201500) |
| 230 | 29°33'25" | 99°24'18" | Trinity | -- | 34.0 | 2.5 | 1.3 | |
| 230 | 29°31'42" | 99°23'44" | Edwards, Trinity | -- | 18.0 | 1.1 | 3.8 | |
| 230 | 29°30'57" | 99°23'04" | Edwards | -- | -134.2 | 11.4 | 4.9 | |
| 230 | 29°26'21" | 99°17'04" | -- | -- | -34.0 | 3.2 | 16.3 | |
| 230 | 29°24'03" | 99°16'57" | -- | -- | -22.0 | 3.4 | 19.5 | |
| 231 | 29°34'23" | 99°24'10" | Trinity | -- | -9.0 | 1.3 | 0 | gaging station (08201500) |
| 231 | 29°33'25" | 99°24'18" | Trinity | -- | 18.0 | 2.5 | 1.3 | |
| 231 | 29°31'42" | 99°23'44" | Edwards, Trinity | -- | -9.0 | 1.1 | 3.8 | |
| 231 | 29°30'57" | 99°23'04" | Edwards | -- | -139.2 | 11.4 | 4.9 | |
| 231 | 29°26'21" | 99°17'04" | -- | -- | -24.0 | 3.2 | 16.3 | |
| 231 | 29°24'03" | 99°16'57" | -- | -- | -7.0 | 3.4 | 19.5 | |
| 232 | 29°22'12" | 99°17'17" | -- | -- | -35.0 | 2.1 | 19.7 | gaging station (08202500) |
| 232 | 29°21'54" | 99°17'18" | -- | -- | -65.0 | .5 | 21.8 | estimate |
| 232 | 29°21'58" | 99°17'08" | -- | -- | 45.0 | 1.9 | 22.3 | |
| 232 | 29°21'51" | 99°16'52" | -- | -- | -15.0 | .7 | 24.2 | estimate |
| 232 | 29°21'41" | 99°16'58" | -- | -- | 0 | 1.3 | 24.9 | estimate |
| 232 | 29°21'24" | 99°16'49" | -- | -- | -30.0 | .8 | 26.2 | estimate |
| 232 | 29°21'12" | 99°16'53" | -- | -- | 0 | 1.2 | 27 | |
| 232 | 29°21'14" | 99°17'15" | -- | -- | 0 | 4.6 | 28.2 | |
| 232 | 29°20'19" | 99°17'48" | -- | -- | 1.5 | 3.2 | 32.8 | |
| 232 | 29°19'55" | 99°17'33" | -- | -- | 0 | 3.0 | 36 | estimate |
| 232 | 29°19'32" | 99°17'40" | -- | -- | 0 | 10.0 | 39 | estimate |
| 232 | 29°15'10" | 99°16'47" | -- | -- | 1.5 | 7.0 | 49 | estimate |
| 233 | 29°54'53" | 99°47'17" | Edwards-Trinity Plateau | -- | -.1 | .5 | 0 | at Prade Ranch |
| 233 | 29°54'51" | 99°47'00" | Edwards-Trinity Plateau | -- | 0 | .3 | .5 | |
| 233 | 29°54'36" | 99°46'37" | Edwards-Trinity Plateau | -- | 1.67 | .6 | .8 | |
| 233 | 29°54'13" | 99°46'33" | Edwards-Trinity Plateau | -- | .25 | .8 | 1.4 | |
| 233 | 29°53'58" | 99°46'14" | Edwards-Trinity Plateau | -- | .38 | .8 | 2.2 | |
| 233 | 29°53'25" | 99°46'10" | Edwards-Trinity Plateau | -- | .55 | 1.5 | 3 | |
| 233 | 29°52'24" | 99°45'59" | Edwards-Trinity Plateau | -- | 1.54 | 3.3 | 4.5 | |
| 233 | 29°50'09" | 99°46'50" | Edwards-Trinity Plateau | -- | -2.15 | 2.1 | 7.8 | |
| 233 | 29°48'41" | 99°46'20" | Edwards-Trinity Plateau | -- | -5.09 | 1.7 | 9.9 | |
| 233 | 29°47'32" | 99°46'46" | Edwards-Trinity Plateau | -- | 0 | 2.9 | 11.6 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 233 | 29°45'42" | 99°45'47" | Edwards-Trinity Plateau | -- | 0 | 1.6 | 14.5 | |
| 233 | 29°44'27" | 99°44'58" | Edwards-Trinity Plateau | -- | 0 | .9 | 16.1 | |
| 233 | 29°43'50" | 99°44'49" | Edwards-Trinity Plateau | -- | 4.56 | .1 | 17 | |
| 233 | 29°43'46" | 99°44'44" | Edwards-Trinity Plateau | -- | 6.04 | 2.6 | 17.1 | |
| 233 | 29°41'38" | 99°45'14" | Edwards-Trinity Plateau | -- | 1.78 | 2.6 | 19.7 | at Ranch Rd 1120 |
| 233 | 29°39'53" | 99°44'37" | Edwards-Trinity Plateau | -- | -.15 | 4.2 | 22.3 | |
| 233 | 29°36'49" | 99°44'25" | Edwards-Trinity Plateau | -- | 2.26 | 3.0 | 26.5 | |
| 233 | 29°35'06" | 99°43'56" | Edwards-Trinity Plateau | -- | 0 | 6.2 | 29.5 | |
| 233 | 29°31'48" | 99°42'22" | Edwards, Edwards-Trinity Plateau | -- | -1.48 | 3.8 | 35.7 | |
| 234 | 29°57'31" | 99°44'33" | Edwards-Trinity Plateau | -- | -.03 | .5 | 0 | at hydraulic ram on Prade Ranch |
| 234 | 29°57'12" | 99°44'45" | Edwards-Trinity Plateau | -- | 0 | .3 | .5 | |
| 234 | 29°56'59" | 99°44'53" | Edwards-Trinity Plateau | -- | 1.95 | .6 | .8 | |
| 234 | 29°56'43" | 99°45'05" | Edwards-Trinity Plateau | -- | .25 | .8 | 1.4 | |
| 234 | 29°55'55" | 99°45'26" | Edwards-Trinity Plateau | -- | -.79 | .8 | 2.2 | |
| 234 | 29°55'12" | 99°45'30" | Edwards-Trinity Plateau | -- | .39 | 1.5 | 3 | |
| 234 | 29°53'43" | 99°46'15" | Edwards-Trinity Plateau | -- | -.42 | 3.3 | 4.5 | |
| 234 | 29°50'08" | 99°46'51" | Edwards-Trinity Plateau | -- | -1.55 | 2.1 | 7.8 | |
| 234 | 29°48'33" | 99°46'16" | Edwards-Trinity Plateau | -- | -2.11 | 1.7 | 9.9 | |
| 234 | 29°47'34" | 99°46'48" | Edwards-Trinity Plateau | -- | 0 | 2.9 | 11.6 | |
| 234 | 29°45'37" | 99°45'45" | Edwards-Trinity Plateau | -- | 0 | 1.5 | 14.5 | |
| 234 | 29°44'39" | 99°45'06" | Edwards-Trinity Plateau | -- | 0 | .1 | 16 | |
| 234 | 29°44'27" | 99°44'57" | Edwards-Trinity Plateau | -- | 0 | .9 | 16.1 | |
| 234 | 29°43'51" | 99°44'50" | Edwards-Trinity Plateau | -- | 1.86 | .1 | 17 | |
| 234 | 29°43'50" | 99°44'49" | Edwards-Trinity Plateau | -- | 4.54 | 2.6 | 17.1 | |
| 234 | 29°41'38" | 99°45'13" | Edwards-Trinity Plateau | -- | 1.16 | 2.6 | 19.7 | |
| 234 | 29°39'53" | 99°44'37" | Edwards-Trinity Plateau | -- | 1.84 | 4.2 | 22.3 | |
| 234 | 29°36'50" | 99°44'25" | Edwards-Trinity Plateau | -- | 3.56 | 3.0 | 26.5 | |
| 234 | 29°35'11" | 99°44'07" | Edwards-Trinity Plateau | -- | -2.23 | 6.2 | 29.5 | |
| 234 | 29°31'15" | 99°42'04" | Edwards, Edwards-Trinity Plateau | -- | .12 | 3.8 | 35.7 | |
| 235 | 29°56'33" | 99°45'05" | Edwards-Trinity Plateau | -- | .93 | 3.3 | 4.5 | 2.2 mi below West Fork Frio River |
| 235 | 29°50'08" | 99°46'51" | Edwards-Trinity Plateau | -- | -3.95 | 2.1 | 7.8 | |
| 235 | 29°48'34" | 99°46'17" | Edwards-Trinity Plateau | -- | -4.52 | 1.7 | 9.9 | |
| 235 | 29°47'11" | 99°45'59" | Edwards-Trinity Plateau | -- | 0 | 2.9 | 11.6 | |
| 235 | 29°45'20" | 99°45'36" | Edwards-Trinity Plateau | -- | 0 | 1.6 | 14.5 | |
| 235 | 29°44'26" | 99°44'58" | Edwards-Trinity Plateau | -- | 1.59 | .9 | 16.1 | |
| 235 | 29°43'51" | 99°44'50" | Edwards-Trinity Plateau | -- | 9.21 | .1 | 17 | |
| 235 | 29°43'50" | 99°44'49" | Edwards, Edwards-Trinity Plateau | -- | 27.6 | 22.4 | 17.1 | |
| 236 | 29°50'08" | 99°46'50" | Edwards-Trinity Plateau | -- | -5.61 | 8.3 | 7.8 | 500 ft above Kent Creek |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 236 | 29°44'27" | 99°44'57" | Edwards-Trinity Plateau | -- | 14.1 | 3.6 | 16.1 | |
| 236 | 29°41'38" | 99°45'13" | Edwards-Trinity Plateau | -- | 2.4 | 16.0 | 19.7 | |
| 236 | 29°32'00" | 99°42'43" | Edwards, Edwards-Trinity Plateau | -- | .7 | 3.8 | 35.7 | |
| 237 | 29°28'51" | 100°14'16" | Edwards | -- | 6.0 | 9.2 | 0 | 0.25 mi above Brackettville gaging station (08190500) |
| 237 | 29°26'27" | 100°09'54" | Edwards | -- | 8.0 | 4.2 | 9.2 | |
| 237 | 29°25'39" | 100°06'14" | Edwards | -- | -21.1 | 23.6 | 13.4 | |
| 238 | 29°53'10" | 100°24'46" | Edwards-Trinity Plateau | -- | 0 | 4.8 | 0 | at Blackwater Hole |
| 238 | 29°49'37" | 100°23'49" | Edwards-Trinity Plateau | -- | 0 | 3.0 | 4.8 | |
| 238 | 29°47'35" | 100°24'39" | Edwards-Trinity Plateau | -- | .5 | 2.7 | 7.8 | |
| 238 | 29°45'26" | 100°23'52" | Edwards-Trinity Plateau | -- | 3.73 | .2 | 10.5 | estimate |
| 238 | 29°45'23" | 100°23'52" | Edwards-Trinity Plateau | -- | -6.21 | 2.7 | 10.7 | |
| 238 | 29°43'48" | 100°24'10" | Edwards-Trinity Plateau | -- | 0 | 1.1 | 13.4 | |
| 238 | 29°43'19" | 100°25'04" | Edwards-Trinity Plateau | -- | 0 | 2.2 | 14.5 | |
| 238 | 29°41'26" | 100°25'15" | Edwards-Trinity Plateau | -- | 0 | 7.6 | 16.7 | |
| 238 | 29°36'48" | 100°22'26" | Edwards-Trinity Plateau | -- | 0 | 5.0 | 24.3 | |
| 238 | 29°33'49" | 100°20'56" | Edwards-Trinity Plateau | -- | 0 | 3.3 | 29.3 | |
| 238 | 29°34'48" | 100°18'10" | Edwards-Trinity Plateau | -- | -2.97 | 6.1 | 32.6 | |
| 238 | 29°32'22" | 100°15'07" | Edwards-Trinity Plateau | -- | 0 | 4.9 | 38.7 | |
| 238 | 29°30'38" | 100°16'48" | Edwards-Trinity Plateau | -- | 0 | 2.5 | 43.6 | |
| 238 | 29°29'30" | 100°16'40" | Edwards, Edwards-Trinity Plateau | -- | 0 | 1.6 | 46.1 | |
| 239 | 29°53'10" | 100°24'46" | Edwards-Trinity Plateau | -- | 0 | 4.8 | 0 | at Blackwater Hole |
| 239 | 29°49'37" | 100°23'49" | Edwards-Trinity Plateau | -- | 0 | 3.0 | 4.8 | |
| 239 | 29°47'35" | 100°24'39" | Edwards-Trinity Plateau | -- | 0 | 2.7 | 7.8 | |
| 239 | 29°45'31" | 100°24'07" | Edwards-Trinity Plateau | -- | .54 | .3 | 10.5 | |
| 239 | 29°45'23" | 100°23'52" | Edwards-Trinity Plateau | -- | -2.35 | 2.6 | 10.8 | |
| 239 | 29°43'48" | 100°24'10" | Edwards-Trinity Plateau | -- | 0 | 1.1 | 13.4 | |
| 239 | 29°43'19" | 100°25'04" | Edwards-Trinity Plateau | -- | 0 | 2.2 | 14.5 | |
| 239 | 29°41'26" | 100°25'15" | Edwards-Trinity Plateau | -- | 0 | 7.6 | 16.7 | |
| 239 | 29°36'48" | 100°22'26" | Edwards-Trinity Plateau | -- | 0 | 5.0 | 24.3 | |
| 239 | 29°33'49" | 100°20'56" | Edwards-Trinity Plateau | -- | 0 | 3.3 | 29.3 | |
| 239 | 29°34'48" | 100°18'10" | Edwards-Trinity Plateau | -- | 0 | 4.9 | 32.6 | |
| 239 | 29°32'45" | 100°16'26" | Edwards-Trinity Plateau | -- | -2.41 | 2.6 | 37.5 | |
| 239 | 29°31'12" | 100°15'03" | Edwards-Trinity Plateau | -- | -2.73 | 1.5 | 40.1 | |
| 239 | 29°30'56" | 100°16'33" | Edwards-Trinity Plateau | -- | 0 | 4.5 | 41.6 | |
| 239 | 29°29'30" | 100°16'40" | Edwards, Edwards-Trinity Plateau | -- | 0 | 1.6 | 46.1 | |
| 240 | 29°28'51" | 100°14'16" | Edwards | -- | -286.0 | 38.5 | 0 | gaging station (08190500) |
| 241 | 29°41'59" | 99°26'26" | Trinity | -- | 1.71 | 2.3 | 0 | FM 470 |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 241 | 29°40'34" | 99°25'40" | Trinity | -- | 4.65 | 1.2 | 2.3 | |
| 241 | 29°39'42" | 99°25'19" | Trinity | -- | .5 | 2.0 | 3.5 | |
| 241 | 29°38'21" | 99°24'51" | Trinity | -- | 2.5 | 2.1 | 5.5 | |
| 241 | 29°36'51" | 99°25'02" | Trinity | -- | .89 | 2.1 | 7.6 | |
| 241 | 29°35'42" | 99°24'03" | Trinity | -- | 2.3 | 2.1 | 9.7 | |
| 241 | 29°34'57" | 99°23'57" | Trinity | -- | -3.0 | 2.6 | 11.8 | |
| 241 | 29°33'16" | 99°24'16" | Trinity | -- | -2.3 | 2.0 | 14.4 | |
| 241 | 29°31'53" | 99°24'04" | Edwards, Trinity | -- | -1.0 | 2.1 | 16.4 | |
| 241 | 29°30'35" | 99°23'29" | Edwards | -- | -1.9 | 1.2 | 18.5 | |
| 241 | 29°29'16" | 99°23'11" | -- | -- | -11.8 | 2.1 | 19.7 | |
| 241 | 29°28'58" | 99°21'20" | -- | -- | -11.72 | 2.8 | 21.8 | |
| 241 | 29°28'34" | 99°18'57" | -- | -- | -.38 | 1.3 | 24.6 | |
| 241 | 29°28'06" | 99°17'57" | Edwards | -- | -1.4 | .1 | 25.9 | |
| 241 | 29°28'05" | 99°17'52" | Edwards | -- | -.05 | .6 | 26 | |
| 241 | 29°27'50" | 99°17'39" | Edwards | -- | -.05 | .2 | 26.6 | |
| 241 | 29°27'41" | 99°17'34" | -- | -- | 0 | 1.4 | 26.8 | |
| 241 | 29°26'21" | 99°17'03" | -- | -- | 0 | 4.6 | 28.2 | |
| 241 | 29°23'40" | 99°16'53" | -- | -- | .2 | 3.2 | 32.8 | |
| 241 | 29°21'13" | 99°16'53" | -- | -- | -.19 | 3.0 | 36 | |
| 242 | 29°41'07" | 99°18'19" | Trinity | -- | 1.6 | 2.3 | 4.7 | |
| 242 | 29°40'12" | 99°16'49" | Trinity | -- | 4.76 | 2.1 | 2.4 | |
| 243 | 32°36'56" | 94°21'24" | Carrizo-Wilcox | -- | -.03 | 3.3 | 3.3 | |
| 244 | 32°46'04" | 94°54'55" | -- | Queen City | 1.18 | 4.1 | 52.1 | at SH 155 |
| 244 | 32°44'20" | 94°51'58" | -- | Queen City | -.04 | 4.2 | 48 | |
| 244 | 32°42'13" | 94°48'23" | -- | Queen City | .13 | 4.2 | 43.8 | |
| 244 | 32°40'22" | 94°45'03" | -- | Queen City | 1.17 | 7.2 | 39.6 | |
| 244 | 32°38'19" | 94°41'40" | -- | Queen City | .02 | 6.4 | 32.4 | |
| 244 | 32°37'24" | 94°34'36" | -- | Queen City | -1.18 | 4.0 | 26 | FM 450 |
| 244 | 32°37'36" | 94°30'55" | Carrizo-Wilcox | Queen City | 1.74 | 8.9 | 22 | |
| 244 | 32°40'39" | 94°26'13" | Carrizo-Wilcox | -- | 2.73 | 5.6 | 13.1 | |
| 244 | 32°42'45" | 94°20'43" | Carrizo-Wilcox | -- | .76 | 4.5 | 7.5 | |
| 245 | 32°44'27" | 94°52'04" | -- | Queen City | 1.19 | 4.2 | 48 | 0.2 mi above bridge on FM 555 |
| 245 | 32°42'27" | 94°48'40" | -- | Queen City | 5.6 | 4.2 | 43.8 | |
| 245 | 32°40'22" | 94°45'03" | -- | Queen City | 10.2 | 13.6 | 39.6 | |
| 245 | 32°37'21" | 94°34'28" | -- | Queen City | 3.5 | 4.0 | 26 | |
| 245 | 32°37'41" | 94°30'45" | -- | -- | .2 | 8.9 | 22 | |
| 245 | 32°40'17" | 94°26'33" | Carrizo-Wilcox | -- | 3.4 | 5.6 | 13.1 | |
| 246 | 33°49'14" | 99°47'09" | -- | -- | .3 | 13.6 | 188.4 | gaging station (07311700) |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 246 | 33°48'12" | 99°43'51" | -- | -- | -0.5 | 7.7 | 174.8 | |
| 246 | 33°49'22" | 99°40'32" | -- | -- | 1.4 | 7.7 | 167.1 | |
| 246 | 33°47'16" | 99°45'45" | -- | -- | -1.3 | 9.0 | 159.4 | |
| 246 | 33°46'06" | 99°31'12" | -- | -- | -1.2 | 9.6 | 150.4 | |
| 247 | 35°02'17" | 100°45'50" | -- | Dockum | .43 | 3.1 | 40.2 | 1 mi below Lake Tanglewood Dam |
| 247 | 35°03'09" | 100°44'34" | -- | Dockum | -.06 | .9 | 37.1 | |
| 247 | 35°03'29" | 100°44'24" | -- | Dockum | -.01 | 1.7 | 36.2 | |
| 247 | 35°02'52" | 100°43'26" | -- | -- | .3 | 1.4 | 34.5 | |
| 247 | 35°02'07" | 100°42'36" | -- | -- | -.04 | 1.3 | 33.1 | |
| 247 | 35°01'23" | 100°42'03" | -- | -- | -.23 | 1.4 | 31.8 | |
| 247 | 35°00'28" | 100°41'24" | -- | -- | .04 | 1.4 | 30.4 | |
| 247 | 34°59'29" | 100°40'48" | -- | -- | -.86 | 1.4 | 29 | |
| 247 | 34°58'31" | 100°40'22" | -- | -- | -.21 | .1 | 27.6 | |
| 247 | 34°58'24" | 100°40'26" | -- | -- | 0 | .5 | 27.5 | |
| 247 | 34°58'00" | 100°40'26" | -- | -- | .46 | .8 | 27 | |
| 247 | 34°57'33" | 100°40'15" | -- | -- | .65 | 1.5 | 26.2 | |
| 247 | 34°56'52" | 100°39'46" | -- | -- | -.76 | 2.0 | 24.7 | |
| 247 | 34°56'09" | 100°38'31" | -- | -- | .05 | 1.2 | 22.7 | |
| 247 | 34°55'48" | 100°37'33" | -- | -- | -.4 | .9 | 21.5 | |
| 247 | 34°55'18" | 100°36'57" | -- | -- | 0 | .3 | 20.6 | |
| 247 | 34°55'24" | 100°36'39" | -- | -- | .05 | .1 | 20.3 | |
| 247 | 34°55'23" | 100°36'36" | -- | -- | .35 | 1.2 | 20.2 | |
| 247 | 34°54'43" | 100°36'03" | -- | -- | -.39 | .5 | 19 | |
| 247 | 34°54'21" | 100°35'49" | -- | -- | -.01 | .3 | 18.5 | |
| 247 | 34°54'14" | 100°35'52" | -- | -- | 0 | 1.9 | 18.2 | |
| 247 | 34°53'12" | 100°36'18" | -- | -- | .32 | .6 | 16.3 | |
| 247 | 34°52'44" | 100°36'32" | -- | -- | 1.04 | 1.7 | 15.7 | |
| 247 | 34°52'14" | 100°34'51" | -- | -- | -.91 | 2.0 | 14 | |
| 247 | 34°51'15" | 100°33'14" | -- | -- | .39 | 1.8 | 12 | |
| 247 | 34°51'33" | 100°31'40" | -- | -- | .47 | 1.7 | 10.2 | |
| 247 | 34°51'47" | 100°30'00" | -- | -- | .06 | 1.6 | 8.5 | |
| 247 | 34°51'54" | 100°29'02" | -- | -- | .11 | 2.0 | 6.9 | |
| 247 | 34°51'51" | 100°28'22" | -- | -- | .52 | 1.1 | 4.9 | |
| 247 | 34°51'37" | 100°27'25" | -- | -- | -.17 | 2.3 | 3.8 | |
| 247 | 34°50'48" | 100°25'58" | -- | -- | .16 | 1.5 | 1.5 | |
| 248 | 33°38'39" | 99°48'01" | -- | -- | .04 | 3.8 | 41 | gaging station (07311800) |
| 248 | 33°38'58" | 99°46'00" | -- | -- | -.09 | 15.4 | 37.2 | |
| 248 | 33°38'44" | 99°39'56" | -- | -- | -.24 | 11.5 | 21.8 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 248 | 33°41'03" | 99°35'04" | -- | -- | -0.51 | 10.3 | 10.3 | |
| 249 | 32°41'50" | 94°56'34" | -- | Queen City | .15 | .8 | .8 | FM 1403 |
| 250 | 34°55'27" | 102°05'56" | Ogallala | -- | 0 | 2.0 | 0 | 600 ft below dam at Buffalo Lake |
| 250 | 34°56'07" | 102°04'22" | Ogallala | -- | -2 | 1.8 | 2 | |
| 250 | 34°56'42" | 102°02'45" | Ogallala | -- | -36 | 1.2 | 3.8 | |
| 250 | 34°57'19" | 102°01'44" | Ogallala | -- | -2 | 1.6 | 5 | |
| 250 | 34°57'33" | 102°00'43" | Ogallala | -- | -03 | 2.6 | 6.6 | |
| 250 | 34°58'01" | 101°58'58" | Ogallala | -- | -83 | 1.7 | 9.2 | |
| 250 | 34°58'19" | 101°57'32" | Ogallala | -- | -2.91 | 7.0 | 10.9 | |
| 251 | 34°55'27" | 102°05'56" | Ogallala | -- | -62 | 9.2 | 0 | 600 ft below dam at Buffalo Lake |
| 251 | 34°58'01" | 101°58'58" | Ogallala | -- | -48 | 1.7 | 9.2 | |
| 251 | 34°58'19" | 101°57'32" | Ogallala | -- | -54 | 1.7 | 10.9 | |
| 251 | 34°57'48" | 101°56'42" | Ogallala | -- | -04 | 3.2 | 12.6 | |
| 251 | 34°57'35" | 101°54'39" | Ogallala | -- | -92 | 2.1 | 15.8 | |
| 252 | 30°48'05" | 103°49'55" | Edwards-Trinity Plateau | -- | -14.3 | 4.5 | 11.8 | |
| 252 | 30°51'45" | 103°49'12" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -4.9 | 5.1 | 7.3 | |
| 253 | 30°48'05" | 103°49'55" | Edwards-Trinity Plateau | -- | -9.7 | 4.5 | 11.8 | |
| 253 | 30°51'45" | 103°49'12" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -16.9 | 5.1 | 7.3 | |
| 254 | 30°48'05" | 103°49'55" | Edwards-Trinity Plateau | -- | -3.2 | 4.5 | 11.8 | |
| 254 | 30°51'45" | 103°49'12" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -10.4 | 5.1 | 7.3 | |
| 255 | 30°48'05" | 103°49'55" | Edwards-Trinity Plateau | -- | -4.7 | 2.2 | 11.8 | |
| 255 | 30°49'53" | 103°50'02" | Edwards-Trinity Plateau | -- | 3.0 | .1 | 9.6 | |
| 255 | 30°50'01" | 103°50'02" | Edwards-Trinity Plateau | -- | 6.3 | 2.2 | 9.5 | |
| 255 | 30°51'45" | 103°49'12" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -20.1 | 2.1 | 7.3 | |
| 255 | 30°53'28" | 103°49'04" | Cenozoic Pecos Alluvium | -- | 0 | 2.5 | 5.2 | |
| 255 | 30°55'30" | 103°48'46" | Cenozoic Pecos Alluvium | -- | .1 | .1 | 2.7 | |
| 255 | 30°55'37" | 103°48'46" | Cenozoic Pecos Alluvium | -- | 0 | .4 | 2.6 | |
| 256 | 31°08'25" | 103°38'09" | Cenozoic Pecos Alluvium | -- | -13.5 | 2.0 | 0 | 10 mi above US 290 |
| 257 | 31°09'32" | 103°37'44" | Cenozoic Pecos Alluvium | -- | 3.8 | 1.5 | -1.5 | |
| 258 | 31°08'25" | 103°38'09" | Cenozoic Pecos Alluvium | -- | -31.2 | 2.5 | 0 | at gaging station (08424500) |
| 259 | 29°41'56" | 101°00'25" | Edwards-Trinity Plateau | -- | 85.0 | 20.0 | 0 | at Rubbard Ford |
| 259 | 29°34'12" | 100°58'48" | Edwards-Trinity Plateau | -- | 24.0 | 5.0 | 20 | |
| 259 | 29°34'01" | 100°58'48" | Edwards-Trinity Plateau | -- | 31.0 | 2.2 | 25 | |
| 260 | 29°39'00" | 100°55'22" | Edwards-Trinity Plateau | -- | -2.0 | 5.0 | 20 | at Rough Canyon Dam |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 260 | 29°39'00" | 100°55'22" | Edwards-Trinity Plateau | -- | 52.0 | 1.8 | 25 | |
| 260 | 29°29'12" | 101°02'06" | Edwards-Trinity Plateau | -- | 2.0 | 1.0 | 26.8 | |
| 261 | 30°10'44" | 101°04'12" | Edwards-Trinity Plateau | -- | -1.6 | .2 | 0 | just below Beaver Lake |
| 261 | 30°10'42" | 101°04'22" | Edwards-Trinity Plateau | -- | -5.8 | 4.0 | .2 | |
| 261 | 30°08'22" | 101°07'08" | Edwards-Trinity Plateau | -- | 0 | 9.5 | 4.2 | |
| 261 | 30°03'43" | 101°09'57" | Edwards-Trinity Plateau | -- | 42.2 | .1 | 13.7 | |
| 261 | 30°03'45" | 101°10'22" | Edwards-Trinity Plateau | -- | 35.9 | 5.5 | 13.8 | |
| 261 | 30°00'13" | 101°10'15" | Edwards-Trinity Plateau | -- | 40.9 | 3.0 | 19.3 | |
| 261 | 29°57'54" | 101°08'45" | Edwards-Trinity Plateau | -- | 3.0 | 1.5 | 22.3 | |
| 261 | 29°56'59" | 101°07'44" | Edwards-Trinity Plateau | -- | 10.0 | 2.8 | 23.8 | |
| 261 | 29°57'11" | 101°06'36" | Edwards-Trinity Plateau | -- | 16.0 | 5.9 | 26.6 | |
| 261 | 29°56'22" | 101°05'49" | Edwards-Trinity Plateau | -- | 17.0 | 1.0 | 32.5 | |
| 261 | 29°55'45" | 101°05'09" | Edwards-Trinity Plateau | -- | 43.8 | 3.0 | 33.5 | |
| 261 | 29°52'58" | 100°59'34" | Edwards-Trinity Plateau | -- | 58.0 | 9.4 | 36.5 | |
| 261 | 29°46'44" | 100°59'31" | Edwards-Trinity Plateau | -- | 2.0 | 10.4 | 45.9 | |
| 261 | 29°39'25" | 100°59'24" | Edwards-Trinity Plateau | -- | 144.7 | 7.0 | 56.3 | |
| 261 | 29°37'10" | 100°56'27" | Edwards-Trinity Plateau | -- | -19.0 | 9.7 | 63.3 | |
| 261 | 29°29'07" | 101°01'55" | Edwards-Trinity Plateau | -- | 39.0 | 3.0 | 73 | |
| 262 | 29°53'11" | 100°59'34" | Edwards-Trinity Plateau | -- | 11.5 | .1 | 0 | just above Dolans Creek |
| 262 | 29°53'04" | 100°59'34" | Edwards-Trinity Plateau | -- | 0 | 1.3 | .1 | |
| 262 | 29°52'02" | 100°59'38" | Edwards-Trinity Plateau | -- | 14.58 | 1.8 | 1.4 | |
| 262 | 29°50'38" | 101°00'21" | Edwards-Trinity Plateau | -- | 3.0 | .6 | 3.2 | |
| 262 | 29°50'03" | 101°01'04" | Edwards-Trinity Plateau | -- | 35.9 | 2.75 | 3.8 | |
| 262 | 29°48'11" | 101°00'14" | Edwards-Trinity Plateau | -- | -14.0 | 1.55 | 6.55 | |
| 262 | 29°47'07" | 100°59'13" | Edwards-Trinity Plateau | -- | 0 | 1.1 | 8.1 | |
| 262 | 29°46'19" | 100°59'52" | Edwards-Trinity Plateau | -- | -9.0 | 1.6 | 9.2 | |
| 262 | 29°44'58" | 101°00'25" | Edwards-Trinity Plateau | -- | 20.0 | 2.6 | 10.8 | |
| 262 | 29°42'27" | 101°00'54" | Edwards-Trinity Plateau | -- | 5.0 | 3.4 | 13.4 | |
| 262 | 29°40'11" | 101°00'07" | Edwards-Trinity Plateau | -- | -12.0 | 3.9 | 16.8 | |
| 262 | 29°40'01" | 100°56'31" | Edwards-Trinity Plateau | -- | 37.0 | 1.6 | 20.7 | |
| 263 | 29°39'09" | 100°55'22" | Edwards-Trinity Plateau | -- | 29.31 | 1.3 | 0 | 0.75 mi above Smith Ranch house |
| 263 | 29°38'01" | 100°55'44" | Edwards-Trinity Plateau | -- | 9.91 | 2.6 | 1.3 | |
| 263 | 29°36'33" | 100°57'21" | Edwards-Trinity Plateau | -- | -3.1 | 2.6 | 3.9 | |
| 263 | 29°35'14" | 100°58'58" | Edwards-Trinity Plateau | -- | 7.99 | 1.5 | 6.5 | |
| 263 | 29°33'58" | 100°58'58" | Edwards-Trinity Plateau | -- | 1.0 | 1.2 | 8 | |
| 263 | 29°33'01" | 100°59'09" | Edwards-Trinity Plateau | -- | -2.0 | 2.6 | 9.2 | |
| 263 | 29°30'46" | 100°58'55" | Edwards-Trinity Plateau | -- | 14.0 | 2.2 | 11.8 | |
| 263 | 29°28'58" | 101°00'18" | Edwards-Trinity Plateau | -- | 43.8 | 1.8 | 14 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 263 | 29°29'12" | 101°01'58" | Edwards-Trinity Plateau | -- | -3.0 | 0.7 | 15.8 | |
| 264 | 30°42'29" | 103°47'02" | Edwards-Trinity Plateau | -- | 2.1 | 2.3 | 11.7 | upper end of Wild Rose Canyon |
| 264 | 30°43'00" | 103°45'57" | Edwards-Trinity Plateau | -- | -1.4 | 4.2 | 14 | |
| 264 | 30°45'04" | 103°45'32" | Edwards-Trinity Plateau | -- | -2.7 | 3.0 | 18.2 | |
| 264 | 30°46'51" | 103°44'09" | Edwards-Trinity Plateau | -- | -9 | 3.0 | 21.2 | |
| 264 | 30°46'23" | 103°41'49" | Edwards-Trinity Plateau | -- | 1.3 | 4.0 | 24.2 | |
| 264 | 30°45'17" | 103°39'03" | Edwards-Trinity Plateau | -- | -2.4 | .5 | 28.2 | |
| 265 | 30°37'49" | 104°02'38" | -- | Igneous | -1 | .3 | -12.3 | 12.3 mi above old Fort Davis Ln |
| 265 | 30°37'58" | 104°02'24" | -- | Igneous | .2 | .7 | -12 | |
| 265 | 30°38'11" | 104°01'48" | -- | Igneous | -2 | .3 | -11.3 | |
| 265 | 30°38'08" | 104°01'33" | -- | Igneous | .5 | .7 | -11 | |
| 265 | 30°37'49" | 104°00'57" | -- | Igneous | -5 | .5 | -10.3 | |
| 265 | 30°37'30" | 104°00'39" | -- | Igneous | .1 | .1 | -9.8 | |
| 265 | 30°37'25" | 104°00'39" | -- | Igneous | .5 | 1.8 | -9.7 | |
| 265 | 30°36'46" | 103°59'42" | -- | Igneous | 5.1 | 1.9 | -7.9 | |
| 265 | 30°36'54" | 103°58'04" | -- | Igneous | -5 | 2.3 | -6 | |
| 265 | 30°36'23" | 103°56'24" | -- | Igneous | -4 | 2.4 | -3.7 | |
| 265 | 30°36'08" | 103°54'50" | -- | -- | -1.0 | 2.5 | -1.3 | |
| 265 | 30°36'42" | 103°52'37" | -- | -- | 3.8 | 3.0 | 1.2 | |
| 265 | 30°38'34" | 103°50'31" | -- | -- | .3 | 3.0 | 4.2 | |
| 265 | 30°39'04" | 103°48'03" | -- | -- | -4 | 3.0 | 7.2 | |
| 265 | 30°40'23" | 103°47'38" | Edwards-Trinity Plateau | -- | .6 | 1.5 | 10.2 | |
| 265 | 30°42'29" | 103°47'02" | Edwards-Trinity Plateau | -- | 3.5 | 2.3 | 11.7 | |
| 265 | 30°43'00" | 103°45'57" | Edwards-Trinity Plateau | -- | 1.0 | 4.2 | 14 | |
| 266 | 30°42'41" | 103°46'19" | Edwards-Trinity Plateau | -- | 13.2 | 3.5 | 14.7 | 0.8 mi below Wild Rose Canyon |
| 266 | 30°45'04" | 103°45'32" | Edwards-Trinity Plateau | -- | -4.2 | 3.0 | 18.2 | |
| 266 | 30°46'52" | 103°44'06" | Edwards-Trinity Plateau | -- | 20.6 | 7.0 | 21.2 | |
| 266 | 30°44'22" | 103°34'58" | Edwards-Trinity Plateau | -- | -60.9 | 9.0 | 28.2 | |
| 266 | 30°45'37" | 103°28'19" | Edwards-Trinity Plateau | -- | -4.2 | 3.0 | 37.2 | |
| 267 | 30°43'20" | 103°45'50" | Edwards-Trinity Plateau | -- | -8.6 | 2.4 | 15.8 | 75 ft below mouth of Short Canyon |
| 267 | 30°45'04" | 103°45'32" | Edwards-Trinity Plateau | -- | -4.0 | .5 | 18.2 | |
| 268 | 30°45'04" | 103°45'32" | Edwards-Trinity Plateau | -- | -2.8 | 3.0 | 18.2 | at Old Limpia post office |
| 268 | 30°46'51" | 103°44'09" | Edwards-Trinity Plateau | -- | -8 | 2.9 | 21.2 | |
| 268 | 30°46'29" | 103°41'52" | Edwards-Trinity Plateau | -- | 1.6 | 4.1 | 24.1 | |
| 268 | 30°45'17" | 103°39'03" | Edwards-Trinity Plateau | -- | -6.2 | 1.0 | 28.2 | |
| 269 | 30°48'35" | 103°52'22" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -3 | 5.2 | 11.2 | 200 ft below South Fork |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|--|---|---|-------------------------------|--|---|
| 269 | 30°52'15" | 103°51'28" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -24.5 | 2.1 | 6 | |
| 269 | 30°53'48" | 103°50'34" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -2.2 | .9 | 3.9 | |
| 270 | 30°48'33" | 103°52'33" | Edwards-Trinity Plateau | -- | -22.8 | 7.0 | 11.3 | 50 ft below South Fork |
| 270 | 30°53'25" | 103°50'42" | Edwards-Trinity Plateau | -- | .1 | .1 | 4.3 | |
| 270 | 30°53'25" | 103°50'42" | Edwards-Trinity Plateau | -- | -.1 | .3 | 4.2 | |
| 271 | 30°48'33" | 103°52'33" | Edwards-Trinity Plateau | -- | -4.1 | 1.8 | 11.3 | 60 ft below South Fork |
| 271 | 30°49'38" | 103°51'36" | Edwards-Trinity Plateau | -- | .6 | .8 | 9.5 | |
| 271 | 30°50'15" | 103°51'25" | Edwards-Trinity Plateau | -- | -.6 | .1 | 8.7 | |
| 271 | 30°50'19" | 103°51'25" | Edwards-Trinity Plateau | -- | .6 | .8 | 8.6 | |
| 271 | 30°50'57" | 103°51'25" | Edwards-Trinity Plateau | -- | -.6 | .1 | 7.8 | |
| 272 | 30°48'33" | 103°52'33" | Edwards-Trinity Plateau | -- | -11.2 | 3.1 | 11.3 | 50 ft below South Fork |
| 273 | 30°48'38" | 103°53'38" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -18.5 | 10.3 | 12.5 | 3 mi below staff gage |
| 274 | 30°48'45" | 103°56'24" | Edwards-Trinity Plateau | -- | -.3 | 2.8 | 15.5 | |
| 274 | 30°48'37" | 103°53'52" | Edwards-Trinity Plateau | -- | -1.0 | 2.7 | 12.7 | |
| 274 | 30°49'18" | 103°51'46" | Edwards-Trinity Plateau | -- | .2 | 1.5 | 10 | |
| 274 | 30°50'29" | 103°51'25" | Edwards-Trinity Plateau | -- | -.2 | 1.5 | 8.5 | |
| 274 | 30°51'41" | 103°51'32" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -.2 | 1.1 | 7 | |
| 274 | 30°52'22" | 103°51'25" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -.1 | 1.6 | 5.9 | |
| 274 | 30°53'25" | 103°50'42" | Edwards-Trinity Plateau | -- | -.1 | .1 | 4.3 | |
| 274 | 30°53'25" | 103°50'42" | Edwards-Trinity Plateau | -- | .2 | .2 | 4.2 | |
| 274 | 30°53'42" | 103°50'38" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -.2 | 1.8 | 4 | |
| 275 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -25.7 | 6.2 | 13.3 | at gaging station (08424500) |
| 275 | 30°54'26" | 103°53'20" | Edwards-Trinity Plateau | -- | -39.6 | 2.0 | 7.1 | |
| 275 | 30°55'11" | 103°51'43" | Edwards-Trinity Plateau | -- | -1.7 | 1.6 | 5.1 | |
| 276 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -25.7 | 6.2 | 13.3 | at gaging station (08424500) |
| 276 | 30°54'26" | 103°53'20" | Edwards-Trinity Plateau | -- | -7.8 | 2.0 | 7.1 | |
| 276 | 30°55'11" | 103°51'43" | Edwards-Trinity Plateau | -- | -3.8 | 1.6 | 5.1 | |
| 277 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -6.1 | 6.2 | 13.3 | at gaging station (08424500) |
| 277 | 30°54'26" | 103°53'20" | Edwards-Trinity Plateau | -- | -11.4 | 3.6 | 7.1 | |
| 278 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -19.3 | 6.2 | 13.3 | at gaging station (08424500) |
| 278 | 30°54'26" | 103°53'20" | Edwards-Trinity Plateau | -- | -3.9 | 2.0 | 7.1 | |
| 279 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -22.0 | 6.2 | 13.3 | at gaging station (08424500) |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 279 | 30°54'26" | 103°53'20" | Edwards-Trinity Plateau | -- | -4.7 | 2.0 | 7.1 | |
| 280 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -14.2 | 6.2 | 13.3 | at gaging station (08424500) |
| 280 | 30°54'26" | 103°53'20" | Edwards-Trinity Plateau | -- | -.1 | 2.0 | 7.1 | |
| 281 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -5.2 | 5.8 | 13.3 | at gaging station (08424500) |
| 281 | 30°54'24" | 103°53'45" | Edwards-Trinity Plateau | -- | .3 | .4 | 7.5 | |
| 281 | 30°54'26" | 103°53'20" | Edwards-Trinity Plateau | -- | -.3 | .2 | 7.1 | |
| 281 | 30°54'29" | 103°53'09" | Edwards-Trinity Plateau | -- | .6 | 1.8 | 6.9 | |
| 282 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -16.2 | 2.6 | 13.3 | at gaging station (08424500) |
| 282 | 30°53'21" | 103°56'02" | Edwards-Trinity Plateau | -- | -18.1 | 1.1 | 10.7 | |
| 282 | 30°53'51" | 103°55'08" | Edwards-Trinity Plateau | -- | -4.5 | .3 | 9.6 | |
| 283 | 30°52'06" | 103°58'01" | Edwards-Trinity Plateau | -- | -.3 | 1.5 | 13.3 | at gaging station (08424500) |
| 283 | 30°52'58" | 103°57'00" | Edwards-Trinity Plateau | -- | -5.7 | 1.0 | 11.8 | |
| 283 | 30°53'20" | 103°56'06" | Edwards-Trinity Plateau | -- | -.8 | 1.0 | 10.8 | |
| 284 | 31°14'19" | 102°36'18" | Cenozoic Pecos Alluvium | -- | -17.2 | 1.0 | -1 | 1.2 mi below headgates |
| 284 | 31°14'02" | 102°34'55" | Cenozoic Pecos Alluvium | -- | 12.1 | 1.1 | 0 | |
| 284 | 31°13'55" | 102°33'54" | Cenozoic Pecos Alluvium | -- | -.1 | 2.5 | 1.1 | |
| 284 | 31°13'01" | 102°31'51" | Cenozoic Pecos Alluvium | -- | -.3 | 2.8 | 3.6 | |
| 285 | 31°14'59" | 102°37'04" | Cenozoic Pecos Alluvium | -- | .4 | 2.5 | 0 | at headgates |
| 286 | 31°14'59" | 102°37'04" | Cenozoic Pecos Alluvium | -- | 0 | .4 | 0 | at headgates |
| 286 | 31°14'48" | 102°36'43" | Cenozoic Pecos Alluvium | -- | 0 | .6 | .4 | |
| 286 | 31°14'29" | 102°36'18" | Cenozoic Pecos Alluvium | -- | -.4 | 1.4 | 1 | |
| 287 | 31°14'59" | 102°37'04" | Cenozoic Pecos Alluvium | -- | 0 | 1.8 | 0 | at headgates |
| 288 | 31°14'59" | 102°37'04" | Cenozoic Pecos Alluvium | -- | -.3 | .1 | 0 | at headgates |
| 288 | 31°14'52" | 102°36'57" | Cenozoic Pecos Alluvium | -- | -.7 | 1.4 | .1 | |
| 289 | 31°54'02" | 103°54'32" | -- | -- | -7.8 | 22.0 | 0 | near Angeles gaging station (08409500) |
| 289 | 31°49'53" | 103°48'46" | Cenozoic Pecos Alluvium | -- | 12.9 | 21.0 | 22 | |
| 289 | 31°44'21" | 103°44'27" | Cenozoic Pecos Alluvium | -- | 20.2 | 13.0 | 43 | |
| 289 | 31°40'05" | 103°37'30" | Cenozoic Pecos Alluvium | -- | -54.5 | 29.0 | 56 | |
| 289 | 31°26'06" | 103°27'57" | Cenozoic Pecos Alluvium | -- | -127.2 | 1.5 | 85 | |
| 289 | 31°25'50" | 103°25'40" | Cenozoic Pecos Alluvium | -- | 1.2 | 3.5 | 86.5 | |
| 289 | 31°25'53" | 103°24'25" | Cenozoic Pecos Alluvium | -- | 1.2 | .1 | 90 | |
| 289 | 31°25'53" | 103°24'18" | Cenozoic Pecos Alluvium | -- | .9 | 11.9 | 90.1 | |
| 289 | 31°25'34" | 103°23'16" | Cenozoic Pecos Alluvium | -- | 8.1 | 15.0 | 102 | |
| 289 | 31°25'38" | 103°15'57" | -- | -- | -13.1 | 13.0 | 117 | |
| 289 | 31°21'52" | 103°16'33" | Cenozoic Pecos Alluvium | -- | 24.5 | 4.0 | 130 | |
| 289 | 31°21'54" | 103°05'56" | Cenozoic Pecos Alluvium | -- | -.6 | 3.0 | 134 | |
| 289 | 31°23'02" | 103°03'18" | Cenozoic Pecos Alluvium | Capitan Reef Complex | -.8 | 13.0 | 137 | no pumping. |
| 289 | 31°20'17" | 102°55'37" | -- | Capitan Reef Complex | 1.2 | 4.0 | 150 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 289 | 31°16'49" | 102°44'20" | -- | -- | -2.1 | 6.0 | 154 | |
| 289 | 31°18'51" | 102°39'25" | Cenozoic Pecos Alluvium | -- | 16.0 | 20.0 | 160 | |
| 289 | 31°12'18" | 102°26'16" | Cenozoic Pecos Alluvium | -- | 14.4 | 23.0 | 180 | |
| 290 | 31°06'34" | 102°24'57" | Cenozoic Pecos Alluvium | -- | -3.1 | 16.2 | 194.6 | gaging station near Girvin (08446500) |
| 290 | 31°02'04" | 102°13'12" | Cenozoic Pecos Alluvium | -- | 1.3 | 8.9 | 178.4 | |
| 290 | 31°00'05" | 102°07'37" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -4.5 | 11.6 | 169.5 | |
| 290 | 30°58'45" | 101°58'22" | Edwards-Trinity Plateau | -- | 0 | 9.7 | 157.9 | |
| 290 | 30°54'15" | 101°52'48" | Edwards-Trinity Plateau | -- | 7.0 | 10.6 | 148.2 | |
| 290 | 30°47'20" | 101°50'02" | Edwards-Trinity Plateau | -- | 5.4 | 11.7 | 137.6 | |
| 290 | 30°39'34" | 101°46'08" | Edwards-Trinity Plateau | -- | 4.0 | 9.4 | 125.9 | |
| 290 | 30°37'05" | 101°39'18" | Edwards-Trinity Plateau | -- | 2.0 | 5.7 | 116.5 | |
| 290 | 30°32'49" | 101°39'03" | Edwards-Trinity Plateau | -- | -3.1 | 2.0 | 110.8 | |
| 290 | 30°31'30" | 101°40'12" | Edwards-Trinity Plateau | -- | 17.8 | 9.7 | 108.8 | |
| 290 | 30°26'49" | 101°43'19" | Edwards-Trinity Plateau | -- | 18.19 | 7.4 | 99.1 | |
| 290 | 30°22'30" | 101°41'24" | Edwards-Trinity Plateau | -- | -8.7 | 10.2 | 91.7 | |
| 290 | 30°18'00" | 101°44'38" | Edwards-Trinity Plateau | -- | -7.73 | 20.0 | 81.5 | |
| 290 | 30°07'50" | 101°34'19" | Edwards-Trinity Plateau | -- | 33.3 | 4.7 | 61.5 | |
| 290 | 30°07'30" | 101°30'21" | Edwards-Trinity Plateau | -- | 17.0 | 13.0 | 56.8 | |
| 290 | 30°00'15" | 101°30'28" | Edwards-Trinity Plateau | -- | -10.89 | 17.3 | 43.8 | |
| 290 | 29°53'20" | 101°27'03" | Edwards-Trinity Plateau | -- | 3.0 | 11.5 | 26.5 | |
| 290 | 29°48'10" | 101°26'38" | Edwards-Trinity Plateau | -- | 4.0 | 14.0 | 15 | |
| 291 | 31°53'57" | 103°54'18" | Cenozoic Pecos Alluvium | -- | -143.02 | 43.05 | .35 | gaging station (08410000) |
| 291 | 31°37'57" | 103°34'19" | Cenozoic Pecos Alluvium | -- | -8.0 | 9.4 | 43.4 | |
| 291 | 31°35'57" | 103°30'14" | Cenozoic Pecos Alluvium | -- | -24.1 | 19.0 | 52.8 | |
| 291 | 31°26'11" | 103°27'57" | Cenozoic Pecos Alluvium | -- | 2.52 | 21.8 | 71.8 | |
| 291 | 31°25'01" | 103°15'25" | Cenozoic Pecos Alluvium | -- | -4.2 | 12.2 | 93.6 | |
| 291 | 31°21'54" | 103°06'00" | Cenozoic Pecos Alluvium | Capitan Reef Complex | -13.6 | 21.6 | 105.8 | |
| 291 | 31°18'20" | 102°52'30" | -- | -- | 5.6 | 14.0 | 127.4 | at SH 18 |
| 291 | 31°17'09" | 102°44'27" | -- | -- | 2.3 | 8.8 | 141.4 | |
| 291 | 31°18'50" | 102°39'18" | Cenozoic Pecos Alluvium | -- | -5.8 | 8.0 | 150.2 | |
| 291 | 31°16'00" | 102°35'49" | Cenozoic Pecos Alluvium | -- | 3.5 | 30.2 | 158.2 | |
| 292 | 31°53'57" | 103°54'18" | Cenozoic Pecos Alluvium | -- | -2.19 | 13.95 | .35 | gaging station (08410000) |
| 292 | 31°48'14" | 103°48'25" | Cenozoic Pecos Alluvium | -- | -.39 | 29.1 | 14.3 | gaging station (08407500) |
| 292 | 31°37'57" | 103°34'19" | Cenozoic Pecos Alluvium | -- | 0 | 9.4 | 43.4 | |
| 292 | 31°35'57" | 103°30'14" | Cenozoic Pecos Alluvium | -- | 0 | 8.2 | 52.8 | |
| 292 | 31°31'27" | 103°29'42" | Cenozoic Pecos Alluvium | -- | 0 | 10.8 | 61 | |
| 292 | 31°26'11" | 103°27'57" | Cenozoic Pecos Alluvium | -- | 3.18 | 14.6 | 71.8 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 292 | 31°24'46" | 103°19'30" | Cenozoic Pecos Alluvium | -- | -1.19 | 7.2 | 86.4 | |
| 292 | 31°25'01" | 103°15'25" | Cenozoic Pecos Alluvium | -- | -1.99 | 12.2 | 93.6 | |
| 292 | 31°21'54" | 103°06'00" | Cenozoic Pecos Alluvium | Capitan Reef Complex | .99 | 8.5 | 105.8 | |
| 292 | 31°22'00" | 103°00'14" | Cenozoic Pecos Alluvium | Capitan Reef Complex | .6 | 13.1 | 114.3 | |
| 292 | 31°18'20" | 102°52'30" | -- | -- | 3.31 | 14.0 | 127.4 | |
| 292 | 31°17'09" | 102°44'27" | -- | -- | .54 | 8.8 | 141.4 | |
| 292 | 31°18'50" | 102°39'18" | Cenozoic Pecos Alluvium | -- | .31 | 8.0 | 150.2 | |
| 292 | 31°16'00" | 102°35'49" | Cenozoic Pecos Alluvium | -- | 5.45 | 15.0 | 158.2 | |
| 292 | 31°12'20" | 102°27'32" | Cenozoic Pecos Alluvium | -- | .3 | 15.2 | 173.2 | |
| 293 | 31°52'36" | 103°52'58" | Cenozoic Pecos Alluvium | -- | -98.98 | 40.5 | 2.9 | gaging station (08410000) |
| 293 | 31°37'57" | 103°34'19" | Cenozoic Pecos Alluvium | -- | -23.5 | 9.4 | 43.4 | |
| 293 | 31°35'57" | 103°30'14" | Cenozoic Pecos Alluvium | -- | -34.2 | 8.2 | 52.8 | |
| 293 | 31°31'27" | 103°29'42" | Cenozoic Pecos Alluvium | -- | 15.0 | 10.8 | 61 | |
| 293 | 31°26'11" | 103°27'57" | Cenozoic Pecos Alluvium | -- | -31.0 | 14.6 | 71.8 | |
| 293 | 31°24'46" | 103°19'30" | Cenozoic Pecos Alluvium | -- | -6.01 | 19.4 | 86.4 | |
| 293 | 31°21'54" | 103°06'00" | Cenozoic Pecos Alluvium | Capitan Reef Complex | -3.0 | 5.9 | 105.8 | |
| 293 | 31°22'48" | 103°02'06" | Cenozoic Pecos Alluvium | Capitan Reef Complex | -15.81 | 15.7 | 111.7 | |
| 293 | 31°18'20" | 102°52'30" | -- | -- | 12.21 | 14.0 | 127.4 | |
| 293 | 31°17'09" | 102°44'27" | -- | -- | -.1 | 8.8 | 141.4 | |
| 293 | 31°18'50" | 102°39'18" | Cenozoic Pecos Alluvium | -- | -3.6 | 8.0 | 150.2 | |
| 293 | 31°16'00" | 102°35'49" | Cenozoic Pecos Alluvium | -- | -.3 | 15.0 | 158.2 | |
| 293 | 31°12'20" | 102°27'32" | Cenozoic Pecos Alluvium | -- | 0 | 15.2 | 173.2 | |
| 294 | 30°59'39" | 103°43'19" | Cenozoic Pecos Alluvium | -- | .23 | 1.1 | 0 | 50 ft below property line of Pacy and Mott tracts |
| 294 | 30°59'21" | 103°44'13" | Cenozoic Pecos Alluvium | -- | -.2 | .6 | 1.1 | |
| 294 | 30°59'06" | 103°44'45" | Cenozoic Pecos Alluvium | -- | -.03 | .5 | 1.7 | |
| 295 | 30°56'41" | 103°46'22" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -.08 | 1.0 | 0 | at point of diversion |
| 296 | 30°56'42" | 103°47'24" | Cenozoic Pecos Alluvium | -- | .26 | .8 | 0 | at weir |
| 297 | 30°58'29" | 103°45'43" | Cenozoic Pecos Alluvium | -- | .01 | .5 | 0 | 50 ft below headgate |
| 297 | 30°57'51" | 103°46'04" | Cenozoic Pecos Alluvium | -- | -.03 | 1.0 | .5 | |
| 298 | 30°59'31" | 103°43'55" | Cenozoic Pecos Alluvium | -- | .07 | .7 | 0 | just below county road crossing |
| 298 | 30°59'15" | 103°44'20" | Cenozoic Pecos Alluvium | -- | -.5 | .5 | .7 | |
| 298 | 30°59'08" | 103°44'38" | Cenozoic Pecos Alluvium | -- | .58 | .4 | 1.2 | |
| 299 | 30°59'56" | 103°42'07" | Cenozoic Pecos Alluvium | -- | .39 | .8 | 0 | at point of diversion |
| 299 | 31°00'05" | 103°41'52" | Cenozoic Pecos Alluvium | -- | .04 | .5 | .8 | |
| 300 | 30°59'56" | 103°42'07" | Cenozoic Pecos Alluvium | -- | -.41 | .5 | 0 | 50 ft below headgate |
| 300 | 30°59'53" | 103°42'21" | Cenozoic Pecos Alluvium | -- | .62 | .1 | .5 | |
| 300 | 30°59'48" | 103°42'36" | Cenozoic Pecos Alluvium | -- | -.09 | .1 | .6 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 301 | 30°58'56" | 103°45'03" | Cenozoic Pecos Alluvium | -- | -0.96 | 0.2 | 0 | |
| 302 | 30°59'23" | 103°44'09" | Cenozoic Pecos Alluvium | -- | .06 | .5 | 0 | 300 ft below dam |
| 303 | 31°00'04" | 103°42'07" | Cenozoic Pecos Alluvium | -- | -.18 | .9 | 0 | at US 290 road crossing |
| 303 | 31°00'02" | 103°41'45" | Cenozoic Pecos Alluvium | -- | -.02 | 1.3 | .9 | |
| 303 | 31°00'16" | 103°41'31" | Cenozoic Pecos Alluvium | -- | -.01 | .7 | 2.2 | |
| 303 | 31°00'23" | 103°41'13" | Cenozoic Pecos Alluvium | -- | -.23 | 1.1 | 2.9 | |
| 304 | 31°00'04" | 103°42'07" | Cenozoic Pecos Alluvium | -- | -.07 | .4 | 0 | at US 290 road crossing |
| 304 | 31°00'05" | 103°41'52" | Cenozoic Pecos Alluvium | -- | -.05 | .5 | .4 | |
| 304 | 31°00'01" | 103°41'45" | Cenozoic Pecos Alluvium | -- | -.08 | .8 | .9 | |
| 304 | 31°00'12" | 103°41'34" | Cenozoic Pecos Alluvium | -- | 0 | .8 | 1.7 | |
| 304 | 31°00'25" | 103°41'31" | Cenozoic Pecos Alluvium | -- | 0 | .4 | 2.5 | |
| 304 | 31°00'23" | 103°41'13" | Cenozoic Pecos Alluvium | -- | -.06 | 1.1 | 2.9 | |
| 305 | 30°59'40" | 103°43'12" | Cenozoic Pecos Alluvium | -- | -.5 | 1.0 | 0 | at point of diversion |
| 306 | 30°58'47" | 103°45'25" | Cenozoic Pecos Alluvium | -- | -.29 | .5 | 0 | 1,000 ft below diversion dam |
| 307 | 30°57'17" | 103°46'01" | Cenozoic Pecos Alluvium | -- | -3.13 | 2.3 | 0 | at point of diversion |
| 308 | 31°00'20" | 103°41'02" | Cenozoic Pecos Alluvium | -- | 10.9 | 1.1 | .5 | 0.5 mi below San Solomon Springs |
| 308 | 30°59'33" | 103°43'01" | Cenozoic Pecos Alluvium | -- | 1.2 | .4 | 1.6 | |
| 308 | 30°59'08" | 103°42'57" | Cenozoic Pecos Alluvium | -- | -2.0 | .7 | 2 | |
| 308 | 30°57'14" | 103°44'49" | Cenozoic Pecos Alluvium | -- | -4.2 | 1.5 | 2.7 | |
| 309 | 30°59'58" | 103°42'03" | Cenozoic Pecos Alluvium | -- | -8.13 | 2.7 | 0 | 400 ft south of Bruce Corner |
| 309 | 30°59'09" | 103°44'34" | Cenozoic Pecos Alluvium | -- | -.37 | 2.65 | 2.7 | |
| 309 | 30°57'33" | 103°46'01" | Cenozoic Pecos Alluvium | -- | -3.91 | 3.5 | 5.35 | at Scherye Corner |
| 310 | 30°59'58" | 103°42'00" | Cenozoic Pecos Alluvium | -- | .47 | 1.9 | 0 | at headgates |
| 310 | 30°59'31" | 103°43'48" | Cenozoic Pecos Alluvium | -- | -7.47 | 3.6 | 1.9 | |
| 311 | 30°59'57" | 103°42'03" | Cenozoic Pecos Alluvium | -- | -.85 | 1.1 | 0 | San Solomon Springs at outlet |
| 311 | 30°59'41" | 103°43'04" | Cenozoic Pecos Alluvium | -- | -1.0 | .4 | 1.1 | |
| 311 | 30°59'37" | 103°43'30" | Cenozoic Pecos Alluvium | -- | .34 | 1.6 | 1.5 | |
| 311 | 30°59'02" | 103°44'52" | Cenozoic Pecos Alluvium | -- | -.96 | 2.1 | 3.1 | |
| 311 | 30°57'41" | 103°46'01" | Cenozoic Pecos Alluvium | -- | -.49 | 1.1 | 5.2 | |
| 312 | 30°59'00" | 103°44'56" | Cenozoic Pecos Alluvium | -- | -.2 | 2.9 | 1.8 | 500 ft below Giffin Canal |
| 313 | 30°58'16" | 103°45'57" | Cenozoic Pecos Alluvium | -- | -1.61 | 4.0 | 0 | 300 ft below San Solomon Springs |
| 313 | 30°59'43" | 103°42'57" | Cenozoic Pecos Alluvium | -- | -3.19 | 3.0 | 4 | |
| 313 | 31°00'04" | 103°42'07" | Cenozoic Pecos Alluvium | -- | -1.24 | 1.4 | 7 | |
| 313 | 31°00'21" | 103°41'06" | Cenozoic Pecos Alluvium | -- | -.34 | 3.0 | 8.4 | |
| 314 | 30°59'00" | 103°44'56" | Cenozoic Pecos Alluvium | -- | -2.5 | 2.9 | 1.8 | 500 ft below Giffin Canal |
| 314 | 30°59'39" | 103°43'22" | Cenozoic Pecos Alluvium | -- | .6 | 1.3 | 4.7 | |
| 314 | 30°59'49" | 103°42'32" | Cenozoic Pecos Alluvium | -- | -1.2 | 1.1 | 6 | |
| 314 | 30°59'55" | 103°42'10" | Cenozoic Pecos Alluvium | -- | 1.0 | 1.0 | 7.1 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|--|---|---|-------------------------------|--|--|
| 314 | 31°00'03" | 103°41'49" | Cenozoic Pecos Alluvium | -- | -2.1 | 1.6 | 8.1 | |
| 314 | 31°00'21" | 103°41'09" | Cenozoic Pecos Alluvium | -- | .3 | 1.4 | 9.7 | |
| 315 | 30°59'01" | 103°44'56" | Cenozoic Pecos Alluvium | -- | 11.2 | 2.9 | 1.8 | 500 ft below Giffin Canal |
| 315 | 30°59'39" | 103°43'22" | Cenozoic Pecos Alluvium | -- | -4 | 1.6 | 4.7 | |
| 315 | 30°59'51" | 103°42'28" | Cenozoic Pecos Alluvium | -- | 0 | 1.4 | 6.3 | |
| 315 | 31°00'01" | 103°42'07" | Cenozoic Pecos Alluvium | -- | 0 | 1.9 | 7.7 | |
| 315 | 31°00'22" | 103°41'13" | Cenozoic Pecos Alluvium | -- | -4.2 | .5 | 9.6 | |
| 315 | 31°00'15" | 103°40'37" | Cenozoic Pecos Alluvium | -- | .5 | 1.0 | 10.1 | |
| 316 | 30°58'00" | 103°42'32" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -3.8 | 3.4 | .1 | 0.1 mi below release gate |
| 317 | 30°58'00" | 103°42'32" | Cenozoic Pecos Alluvium, Edwards-Trinity Plateau | -- | -9 | .6 | .1 | 0.1 mi below release gate |
| 317 | 30°58'19" | 103°42'28" | Cenozoic Pecos Alluvium | -- | .2 | 1.0 | .7 | |
| 317 | 30°58'50" | 103°42'36" | Cenozoic Pecos Alluvium | -- | -1.3 | .7 | 1.7 | |
| 317 | 30°59'06" | 103°42'54" | Cenozoic Pecos Alluvium | -- | 1.7 | 1.1 | 2.4 | |
| 318 | 30°58'00" | 103°42'32" | Cenozoic Pecos Alluvium | -- | .3 | .3 | .1 | 0.1 mi below release gate |
| 318 | 30°58'22" | 103°42'39" | Cenozoic Pecos Alluvium | -- | -5 | 2.2 | .4 | |
| 319 | 30°58'07" | 103°42'36" | Cenozoic Pecos Alluvium | -- | -2.6 | 2.9 | .2 | 0.2 mi below release gate |
| 320 | 30°58'08" | 103°42'36" | Cenozoic Pecos Alluvium | -- | -1.2 | 2.7 | .2 | 0.2 mi below release gate |
| 321 | 28°53'40" | 100°36'03" | -- | -- | 30.0 | 16.0 | 481.12 | at Comal, mean discharge for period |
| 321 | 28°42'46" | 100°30'25" | -- | -- | 60.0 | 18.0 | 497.12 | Eagle Pass IBWC gaging station (08458000), mean discharge for period |
| 322 | 29°19'41" | 100°55'48" | Edwards-Trinity Plateau | -- | 23.0 | 14.0 | 561.12 | near Del Rio IBWC gaging station (08451800), mean discharge for period |
| 322 | 29°13'41" | 100°47'09" | -- | -- | 113.0 | 29.0 | 575.12 | mean discharge for period |
| 322 | 28°51'22" | 100°34'48" | -- | -- | -20.0 | 21.0 | 604.12 | mean discharge for period |
| 323 | 28°42'46" | 100°30'25" | -- | -- | 55.0 | 18.0 | 497.12 | Eagle Pass IBWC gaging station (08458000), mean discharge for period |
| 324 | 28°42'46" | 100°30'25" | -- | -- | 40.0 | 9.0 | 497.12 | Eagle Pass IBWC gaging station (08458000), mean discharge for period |
| 324 | 28°36'40" | 100°26'49" | -- | -- | 15.0 | 9.0 | 506.12 | mean discharge for period |
| 325 | 28°42'45" | 100°30'25" | -- | -- | 35.0 | 18.0 | 497.12 | Eagle Pass IBWC gaging station (08458000), mean discharge for period |
| 325 | 28°22'44" | 100°20'06" | -- | -- | -10.0 | 69.0 | 515.12 | mean discharge for period |
| 325 | 27°48'08" | 99°52'36" | -- | -- | 60.0 | .25 | 584.12 | mean discharge for period |
| 325 | 27°47'57" | 99°52'37" | -- | -- | -120.0 | 20.75 | 584.37 | mean discharge for period |
| 325 | 27°38'04" | 99°39'46" | -- | -- | 25.0 | 20.0 | 605.12 | mean discharge for period |
| 326 | 28°42'32" | 100°31'15" | -- | -- | -25.0 | 128.0 | 497.12 | Eagle Pass IBWC gaging station (08458000), mean discharge for period |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|--|
| 327 | 28°42'48" | 100°30'28" | -- | -- | -25.0 | 87.0 | 497.12 | Eagle Pass IBWC gaging station (08458000), mean discharge for period |
| 327 | 27°48'08" | 99°52'37" | -- | -- | 60.0 | .25 | 584.12 | mean discharge for period |
| 327 | 27°47'57" | 99°52'37" | -- | -- | -50.0 | 12.75 | 584.37 | mean discharge for period |
| 327 | 27°42'23" | 99°45'03" | -- | -- | -80.0 | 8.0 | 597.12 | mean discharge for period |
| 327 | 27°38'04" | 99°39'47" | -- | -- | 20.0 | 20.0 | 605.12 | mean discharge for period |
| 328 | 28°42'45" | 100°30'25" | -- | -- | -161.0 | 11.0 | 497.12 | Eagle Pass IBWC gaging station (08458000), mean discharge for period |
| 328 | 28°35'26" | 100°24'43" | -- | -- | 20.0 | 8.0 | 508.12 | mean discharge for period |
| 328 | 28°22'44" | 100°20'06" | -- | -- | 20.0 | 10.0 | 516.12 | mean discharge for period |
| 328 | 28°21'34" | 100°19'04" | -- | -- | -30.0 | 12.0 | 526.12 | mean discharge for period |
| 328 | 28°18'45" | 100°17'06" | Carrizo-Wilcox | -- | -100.0 | 14.0 | 538.12 | mean discharge for period |
| 328 | 28°09'04" | 100°06'03" | Carrizo-Wilcox | -- | 120.0 | 12.0 | 552.12 | mean discharge for period |
| 328 | 27°59'22" | 99°58'47" | -- | -- | -110.0 | 10.0 | 564.12 | mean discharge for period |
| 328 | 27°55'27" | 99°55'24" | -- | -- | 90.0 | 12.0 | 574.12 | mean discharge for period |
| 328 | 27°48'03" | 99°52'40" | -- | -- | -70.0 | 10.0 | 586.12 | mean discharge for period |
| 328 | 27°43'49" | 99°47'11" | -- | -- | 15.0 | 12.0 | 596.12 | mean discharge for period |
| 328 | 27°38'04" | 99°39'45" | -- | -- | -120.0 | 5.5 | 608.12 | mean discharge for period |
| 328 | 27°37'35" | 99°35'23" | -- | -- | -25.0 | 11.0 | 613.62 | mean discharge for period |
| 328 | 27°32'41" | 99°31'15" | -- | -- | 5.0 | 12.0 | 624.62 | mean discharge for period |
| 328 | 27°19'24" | 99°31'32" | -- | -- | 40.0 | 7.0 | 636.62 | mean discharge for period |
| 328 | 27°12'58" | 99°26'22" | -- | -- | -30.0 | 11.0 | 643.62 | mean discharge for period |
| 328 | 27°09'22" | 99°26'01" | -- | -- | 0 | 10.0 | 654.62 | mean discharge for period |
| 329 | 32°00'15" | 106°39'07" | Hueco-Mesilla Bolson | -- | -2.1 | 1.24 | 0 | at headgate on main canal |
| 329 | 31°59'06" | 106°38'20" | Hueco-Mesilla Bolson | -- | -1.0 | 1.27 | 1.24 | |
| 330 | 31°41'17" | 106°19'08" | Hueco-Mesilla Bolson | -- | -.4 | 1.0 | 0 | at US 80 in El Paso |
| 330 | 31°40'35" | 106°18'32" | Hueco-Mesilla Bolson | -- | -.2 | 1.0 | 1 | |
| 331 | 31°38'12" | 106°17'06" | Hueco-Mesilla Bolson | -- | .4 | 1.2 | 0 | 1.2 mi above Passmore Rd |
| 331 | 31°37'18" | 106°16'30" | Hueco-Mesilla Bolson | -- | 1.9 | 1.2 | 1.2 | |
| 332 | 31°58'04" | 106°38'20" | Hueco-Mesilla Bolson | -- | 1.24 | .9 | 0 | at bridge on private road 0.9 mi above FM 273 |
| 332 | 31°57'21" | 106°38'09" | Hueco-Mesilla Bolson | -- | .57 | 1.1 | .9 | |
| 333 | 32°00'15" | 106°39'10" | Hueco-Mesilla Bolson | -- | -5.0 | 1.38 | 0 | at headgate on main canal |
| 333 | 31°59'09" | 106°38'52" | Hueco-Mesilla Bolson | -- | -1.21 | 1.32 | 1.38 | |
| 334 | 31°58'14" | 106°39'36" | Hueco-Mesilla Bolson | -- | 2.1 | 1.3 | 0 | at private bridge 1.4 mi north of old La Union |
| 334 | 31°57'06" | 106°39'21" | Hueco-Mesilla Bolson | -- | 2.9 | .5 | 1.3 | |
| 335 | 29°15'20" | 103°46'30" | -- | -- | -20.0 | 17.3 | 279.92 | at Lajitas, mean discharge for period |
| 335 | 29°09'34" | 103°36'18" | -- | -- | 0 | 43.2 | 297.22 | mean discharge for period |
| 335 | 28°59'05" | 103°11'52" | -- | -- | 50.0 | 19.0 | 340.42 | mean discharge for period |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 335 | 29°11'03" | 102°58'55" | -- | -- | 30.0 | 14.5 | 359.42 | mean discharge for period |
| 335 | 29°16'54" | 102°53'45" | -- | -- | 100.0 | 24.9 | 373.92 | mean discharge for period |
| 335 | 29°32'11" | 102°47'27" | Edwards-Trinity Plateau | -- | 220.0 | 100.9 | 398.82 | mean discharge for period |
| 335 | 29°47'22" | 101°34'22" | Edwards-Trinity Plateau | -- | 403.0 | 73.3 | 499.72 | mean discharge for period |
| 336 | 31°00'44" | 103°42'46" | Cenozoic Pecos Alluvium | -- | 5.3 | 3.8 | 1 | at Aloma settlement |
| 336 | 30°59'04" | 103°45'03" | Cenozoic Pecos Alluvium | -- | 1.6 | 1.0 | 4.8 | |
| 336 | 30°59'01" | 103°46'04" | Cenozoic Pecos Alluvium | -- | -1.7 | 3.0 | 5.8 | |
| 337 | 30°59'59" | 103°43'48" | Cenozoic Pecos Alluvium | -- | 4.3 | 1.8 | 3 | 1.8 mi above Balmorhea bridge |
| 337 | 30°59'04" | 103°45'03" | Cenozoic Pecos Alluvium | -- | .3 | 1.0 | 4.8 | |
| 337 | 30°59'01" | 103°46'04" | Cenozoic Pecos Alluvium | -- | -2.3 | 3.0 | 5.8 | |
| 338 | 31°00'17" | 103°43'26" | Cenozoic Pecos Alluvium | -- | -2.5 | 4.2 | -1.2 | at US 290 crossing |
| 338 | 30°59'59" | 103°43'48" | Cenozoic Pecos Alluvium | -- | 2.7 | 1.8 | 3 | |
| 338 | 30°59'04" | 103°45'03" | Cenozoic Pecos Alluvium | -- | .7 | 1.0 | 4.8 | |
| 338 | 30°59'01" | 103°46'04" | Cenozoic Pecos Alluvium | -- | 1.4 | 3.0 | 5.8 | |
| 339 | 30°59'59" | 103°43'48" | Cenozoic Pecos Alluvium | -- | 2.8 | 1.8 | 3 | 1.8 mi above Balmorhea bridge |
| 339 | 30°59'04" | 103°45'03" | Cenozoic Pecos Alluvium | -- | -3 | 1.0 | 4.8 | |
| 339 | 30°59'01" | 103°46'01" | Cenozoic Pecos Alluvium | -- | 2.4 | 3.0 | 5.8 | |
| 340 | 30°59'59" | 103°43'48" | Cenozoic Pecos Alluvium | -- | 2.7 | 1.8 | 3 | 1.8 mi below Balmorhea bridge |
| 340 | 30°59'04" | 103°45'03" | Cenozoic Pecos Alluvium | -- | .3 | 1.0 | 4.8 | |
| 340 | 30°59'01" | 103°46'01" | Cenozoic Pecos Alluvium | -- | 1.9 | 3.0 | 5.8 | |
| 341 | 30°59'24" | 103°43'44" | Cenozoic Pecos Alluvium | -- | .4 | .07 | 0 | 300 ft above springs |
| 341 | 30°59'24" | 103°43'48" | Cenozoic Pecos Alluvium | -- | 1.5 | .69 | .07 | |
| 342 | 32°48'11" | 95°32'04" | Carrizo-Wilcox | Queen City | 1.5 | .8 | 1.6 | SH 182 |
| 342 | 32°42'06" | 95°24'26" | -- | Queen City | -4.1 | .8 | .8 | |
| 343 | 30°18'12" | 93°44'36" | Gulf Coast | -- | 27.0 | 5.3 | 22.6 | gaging station (08030500) |
| 344 | 30°18'12" | 93°44'36" | Gulf Coast | -- | -16.0 | 0 | 22.6 | gaging station (08030500) |
| 344 | 30°18'12" | 93°44'36" | Gulf Coast | -- | -190.0 | 5.3 | 22.6 | |
| 345 | 32°36'04" | 95°23'30" | -- | Queen City | 28.2 | 21.2 | 448.6 | discontinued gaging station (08018600) |
| 345 | 32°34'19" | 95°12'19" | -- | Queen City | 43.6 | 42.8 | 427.4 | gaging station (08019200) |
| 345 | 32°28'34" | 94°51'03" | -- | Queen City | 13.0 | 5.6 | 384.6 | |
| 345 | 32°27'37" | 94°48'50" | -- | -- | 19.0 | 6.2 | 379 | |
| 345 | 32°28'02" | 94°46'51" | -- | -- | -32.0 | 1.8 | 372.8 | gaging station (08020500) |
| 345 | 32°26'12" | 94°46'45" | -- | -- | 12.0 | 8.4 | 371 | |
| 345 | 32°25'00" | 94°42'33" | Carrizo-Wilcox | -- | 20.0 | 23.2 | 362.6 | |
| 345 | 32°22'11" | 94°27'28" | Carrizo-Wilcox | -- | 22.0 | 36.0 | 339.4 | gaging station (080220000) |
| 345 | 32°13'28" | 94°13'31" | Carrizo-Wilcox | -- | 2.0 | 11.2 | 303.4 | |
| 346 | 32°46'24" | 95°47'56" | Carrizo-Wilcox | -- | -1.1 | 19.5 | 500.7 | discontinued gaging station (08017500) |
| 346 | 32°43'12" | 95°38'04" | Carrizo-Wilcox | -- | 2.82 | 9.3 | 481.2 | discontinued gaging station (08018000) |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 346 | 32°40'22" | 95°34'17" | -- | Queen City | 37.3 | 23.3 | 471.9 | discontinued gaging station (08018300) |
| 346 | 32°36'04" | 95°23'30" | -- | Queen City | -23.3 | 21.2 | 448.6 | discontinued gaging station (08018600) |
| 346 | 32°34'19" | 95°12'19" | -- | Queen City | 411.7 | 7.2 | 427.4 | gaging station (08019200) |
| 347 | 32°13'27" | 94°13'31" | Carrizo-Wilcox | -- | 1.77 | 12.0 | 308 | at bridge on US 79 |
| 347 | 32°07'29" | 94°12'04" | Carrizo-Wilcox | -- | 3.42 | 22.0 | 296 | |
| 347 | 31°59'46" | 94°04'26" | Carrizo-Wilcox | -- | .03 | 6.0 | 274 | |
| 347 | 31°58'35" | 94°00'43" | Carrizo-Wilcox | -- | 3.9 | 7.0 | 268 | |
| 347 | 31°55'59" | 93°58'48" | Carrizo-Wilcox | -- | 1.7 | 5.0 | 261 | |
| 347 | 31°54'05" | 93°57'33" | Carrizo-Wilcox | -- | 2.8 | 12.0 | 256 | |
| 347 | 31°50'58" | 93°55'17" | Carrizo-Wilcox | -- | .87 | 2.0 | 244 | |
| 347 | 31°50'28" | 93°55'53" | Carrizo-Wilcox | -- | -1.4 | 9.0 | 242 | |
| 347 | 31°48'18" | 93°52'46" | Carrizo-Wilcox | -- | 6.95 | 7.0 | 233 | |
| 347 | 31°41'10" | 93°49'29" | Carrizo-Wilcox | -- | 0 | 9.0 | 226 | |
| 347 | 31°35'42" | 93°50'23" | Carrizo-Wilcox | -- | 1.8 | 12.0 | 217 | |
| 347 | 31°34'51" | 93°49'55" | Carrizo-Wilcox | -- | 5.34 | 10.0 | 205 | |
| 347 | 31°27'29" | 93°45'16" | Carrizo-Wilcox | Sparta | -7 | 10.0 | 195 | gaging station (08024400) |
| 347 | 31°23'13" | 93°42'01" | -- | Sparta | -27 | 2.0 | 185 | |
| 347 | 31°23'37" | 93°40'17" | -- | -- | -3 | 9.0 | 183 | |
| 347 | 31°21'13" | 93°39'53" | -- | -- | 12.0 | 4.0 | 174 | |
| 347 | 31°21'15" | 93°39'46" | Gulf Coast | -- | 5.9 | 9.0 | 170 | |
| 347 | 31°09'45" | 93°36'34" | Gulf Coast | -- | -1.32 | 7.0 | 161 | |
| 347 | 31°11'20" | 93°33'05" | Gulf Coast | -- | 10.38 | 14.0 | 154 | |
| 347 | 31°03'50" | 93°31'08" | Gulf Coast | -- | 19.72 | 14.0 | 140 | |
| 347 | 30°59'18" | 93°33'50" | Gulf Coast | -- | 5.12 | 11.0 | 126 | |
| 347 | 30°54'58" | 93°33'12" | Gulf Coast | -- | .33 | 5.0 | 115 | |
| 347 | 30°51'33" | 93°33'41" | Gulf Coast | -- | 3.55 | 7.0 | 110 | |
| 347 | 30°48'04" | 93°34'30" | Gulf Coast | -- | 10.23 | 5.0 | 103 | |
| 347 | 30°44'49" | 93°36'30" | Gulf Coast | -- | 36.93 | 18.0 | 98 | |
| 347 | 30°38'50" | 93°40'28" | Gulf Coast | -- | 2.46 | 4.0 | 80 | |
| 347 | 30°36'59" | 93°41'08" | Gulf Coast | -- | -1.1 | 8.0 | 76 | |
| 347 | 30°30'53" | 93°42'37" | Gulf Coast | -- | 9.0 | 5.0 | 68 | |
| 347 | 30°27'51" | 93°42'16" | Gulf Coast | -- | 69.61 | 23.0 | 63 | |
| 348 | 29°50'06" | 98°50'39" | Trinity | -- | 21.9 | 5.4 | 0 | 75 ft below upper Cibolo Rd |
| 348 | 29°48'53" | 98°45'18" | Trinity | -- | 17.8 | 4.2 | 5.4 | |
| 348 | 29°46'25" | 98°42'32" | Trinity | -- | -9.7 | 2.9 | 9.6 | |
| 348 | 29°45'57" | 98°40'19" | Trinity | -- | -9.0 | 2.1 | 12.5 | |
| 348 | 29°44'46" | 98°38'40" | Trinity | -- | -37.8 | 6.9 | 14.6 | |
| 348 | 29°45'00" | 98°34'26" | Trinity | -- | -4.3 | 2.1 | 21.5 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 348 | 29°45'36" | 98°32'58" | Trinity | -- | -29.2 | 3.4 | 23.6 | |
| 348 | 29°44'35" | 98°31'40" | Trinity | -- | -6.7 | 1.7 | 27 | |
| 348 | 29°44'17" | 98°29'49" | Trinity | -- | -2.8 | 1.8 | 28.7 | |
| 348 | 29°44'14" | 98°28'06" | Trinity | -- | -8.9 | 4.5 | 30.5 | |
| 348 | 29°43'12" | 98°25'39" | Trinity | -- | -4 | 2.0 | 35 | |
| 348 | 29°44'42" | 98°25'04" | Trinity | -- | -2.6 | .7 | 37 | |
| 348 | 29°44'54" | 98°24'18" | Trinity | -- | -7.5 | 4.9 | 37.7 | |
| 348 | 29°43'57" | 98°21'22" | Trinity | -- | 5.2 | 1.4 | 42.6 | |
| 348 | 29°43'22" | 98°20'26" | Trinity | -- | 2.3 | 5.5 | 44 | |
| 348 | 29°40'04" | 98°22'48" | Edwards | -- | -12.24 | 2.1 | 49.5 | |
| 348 | 29°39'29" | 98°21'21" | Edwards | -- | -5.26 | .3 | 51.6 | |
| 348 | 29°39'24" | 98°21'04" | Edwards | -- | 0 | 4.1 | 51.9 | |
| 349 | 29°33'02" | 98°16'23" | -- | -- | -21 | .9 | 0 | 0.1 mi above FM 78 at Schertz |
| 349 | 29°32'35" | 98°15'50" | -- | -- | 1.77 | .2 | .9 | |
| 349 | 29°32'35" | 98°15'48" | -- | -- | -6 | 11.0 | 1.1 | |
| 349 | 29°30'07" | 98°11'12" | Carrizo-Wilcox | -- | 2.93 | 12.9 | 12.1 | |
| 349 | 29°27'08" | 98°07'24" | Carrizo-Wilcox | -- | -48 | 9.1 | 25 | |
| 349 | 29°21'32" | 98°06'22" | Carrizo-Wilcox | -- | .8 | 2.6 | 34.1 | |
| 349 | 29°21'03" | 98°04'26" | Carrizo-Wilcox | -- | 3.63 | 6.2 | 36.7 | |
| 349 | 29°17'15" | 98°03'38" | -- | Queen City | 8.44 | 6.9 | 42.9 | |
| 349 | 29°14'47" | 98°01'22" | -- | Queen City | -2.2 | 6.6 | 49.8 | |
| 349 | 29°10'12" | 97°59'40" | -- | -- | 1.9 | 7.2 | 56.4 | |
| 349 | 29°05'35" | 97°58'09" | -- | -- | -5 | 8.1 | 63.6 | |
| 349 | 29°00'49" | 97°55'48" | Gulf Coast | -- | 1.2 | 7.6 | 71.7 | |
| 350 | 29°35'37" | 98°18'38" | -- | -- | 0 | .9 | 89.6 | gaging station at Selma (08185000) |
| 350 | 29°35'04" | 98°18'14" | -- | -- | .28 | 1.2 | 88.7 | |
| 350 | 29°34'09" | 98°18'06" | -- | -- | -28 | 2.5 | 87.5 | |
| 350 | 29°33'39" | 98°17'30" | -- | -- | -42 | .8 | 85 | |
| 350 | 29°33'01" | 98°16'21" | -- | -- | 1.76 | .7 | 84.2 | |
| 350 | 29°32'35" | 98°15'53" | -- | -- | .79 | 1.2 | 83.5 | |
| 350 | 29°32'39" | 98°15'19" | -- | -- | 3.58 | 2.6 | 82.3 | |
| 350 | 29°33'01" | 98°13'49" | Carrizo-Wilcox | -- | 5.38 | 3.7 | 79.7 | |
| 350 | 29°27'07" | 98°07'24" | Carrizo-Wilcox | -- | 4.8 | 3.4 | 76 | |
| 350 | 29°30'07" | 98°11'10" | Carrizo-Wilcox | -- | 7.43 | 13.4 | 72.6 | |
| 350 | 29°27'07" | 98°07'24" | Carrizo-Wilcox | -- | 5.78 | 9.6 | 59.2 | |
| 350 | 29°21'32" | 98°06'23" | Carrizo-Wilcox | -- | 1.7 | 2.8 | 49.6 | |
| 350 | 29°21'03" | 98°04'26" | Carrizo-Wilcox | -- | 4.0 | 1.9 | 46.8 | |
| 350 | 29°20'00" | 98°04'30" | Carrizo-Wilcox | -- | .6 | 1.9 | 44.9 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 350 | 29°19'09" | 98°04'30" | Carrizo-Wilcox | -- | 0 | 1.5 | 43 | |
| 350 | 29°18'19" | 98°03'42" | Carrizo-Wilcox | -- | 6.1 | 2.8 | 41.5 | |
| 350 | 29°17'05" | 98°03'36" | -- | -- | 1.95 | 1.5 | 38.7 | |
| 350 | 29°16'36" | 98°03'01" | -- | Queen City | 2.47 | 4.4 | 37.2 | |
| 350 | 29°14'47" | 98°01'21" | -- | Queen City | -.63 | 2.6 | 32.8 | |
| 350 | 29°13'09" | 98°00'31" | -- | Queen City | -.1 | 4.2 | 30.2 | |
| 350 | 29°10'12" | 97°59'40" | -- | Sparta | 8.5 | 4.5 | 26 | |
| 350 | 29°07'35" | 97°58'08" | -- | -- | -3.4 | 2.8 | 21.5 | |
| 350 | 29°05'33" | 97°58'07" | -- | -- | 4.9 | 4.6 | 18.7 | |
| 350 | 29°02'42" | 97°56'52" | -- | -- | -.96 | 3.7 | 14.1 | |
| 350 | 29°00'49" | 97°55'48" | Gulf Coast | -- | .6 | 6.2 | 10.4 | |
| 350 | 28°59'23" | 97°53'00" | Gulf Coast | -- | 4.7 | 1.7 | 4.2 | |
| 351 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -60.4 | 3.15 | 7.21 | gaging station (08178585), a.m., at Wilderness Rd |
| 352 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -66.0 | 3.15 | 7.21 | gaging station (08178585), p.m., at Wilderness Rd |
| 353 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -61.6 | 3.15 | 7.21 | gaging station (08178585), a.m., at Wilderness Rd |
| 354 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -50.1 | 3.15 | 7.21 | gaging station (08178585), a.m., at Wilderness Rd |
| 354 | 29°36'06" | 98°32'22" | Edwards | -- | -48.7 | 4.06 | 4.06 | gaging station (08178592), a.m., FM 1604 |
| 355 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -47.2 | 3.15 | 7.21 | gaging station (08178585), p.m., at Wilderness Rd |
| 355 | 29°36'06" | 98°32'22" | Edwards | -- | -36.3 | 4.06 | 4.06 | gaging station (08178592), p.m., FM 1604 |
| 356 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -32.1 | 3.15 | 7.21 | gaging station (08178585), a.m., at Wilderness Rd |
| 356 | 29°36'06" | 98°32'22" | Edwards | -- | -24.3 | 4.06 | 4.06 | gaging station (08178592), a.m., FM 1604 |
| 357 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -39.0 | 3.15 | 7.21 | gaging station (08178585), p.m., at Wilderness Rd |
| 357 | 29°36'06" | 98°32'22" | Edwards | -- | -21.7 | 4.06 | 4.06 | gaging station (08178592), p.m., FM 1604 |
| 358 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -29.4 | 3.15 | 7.21 | gaging station (08178585), p.m., at Wilderness Rd |
| 359 | 29°37'49" | 98°33'42" | Edwards, Trinity | -- | -25.5 | 3.15 | 7.21 | gaging station (08178585), a.m., at Wilderness Rd |
| 359 | 29°36'06" | 98°32'22" | Edwards | -- | -19.5 | 4.06 | 4.06 | gaging station (08178592), a.m., FM 1604 |
| 360 | 29°27'51" | 98°28'03" | -- | -- | 1.51 | .9 | 0 | 200 ft above Hildebrand Ave |
| 360 | 29°27'37" | 98°28'21" | -- | -- | .46 | 1.1 | .9 | |
| 360 | 29°27'05" | 98°28'42" | -- | -- | 1.44 | .3 | 2 | |
| 360 | 29°26'56" | 98°28'45" | -- | -- | .31 | .7 | 2.3 | |
| 360 | 29°26'29" | 98°28'52" | -- | -- | .53 | .7 | 3 | |
| 360 | 29°26'04" | 98°29'00" | -- | -- | -.82 | 2.1 | 3.7 | |
| 360 | 29°24'34" | 98°29'39" | -- | -- | 6.2 | .9 | 5.8 | |
| 360 | 29°24'15" | 98°29'24" | -- | -- | 2.2 | .5 | 6.7 | |
| 360 | 29°23'58" | 98°29'20" | -- | -- | .3 | .8 | 7.2 | |
| 361 | 29°23'24" | 98°29'52" | -- | -- | 12.1 | .42 | 228.7 | gaging station (08178050) |
| 361 | 29°23'15" | 98°29'55" | -- | -- | 2.4 | 2.8 | 228.28 | gaging station (08178505) |
| 361 | 29°22'33" | 98°28'51" | -- | -- | -3.0 | 1.97 | 225.48 | |

Table 4. Gains and losses from gain-loss studies in Texas—Continued

| Stream-flow study no. | Latitude of upstream end of subreach | Longitude of upstream end of subreach | Major aquifer outcrop intersected by subreach | Minor aquifer outcrop intercepted by subreach | Gain or loss (-) in subreach (ft ³ /s) | Length of subreach (river mi) | Location of upstream end of ubreach (river mi) | Descriptive location of upstream end of selected subreaches |
|-----------------------|--------------------------------------|---------------------------------------|---|---|---|-------------------------------|--|---|
| 361 | 29°21'31" | 98°28'06" | Carrizo-Wilcox | -- | -2.1 | 12.35 | 223.51 | |
| 362 | 30°20'11" | 95°06'14" | Gulf Coast | -- | -1.5 | 3.7 | 19.9 | gaging station near Cleveland (08070000) |
| 362 | 30°17'39" | 95°07'05" | Gulf Coast | -- | 3.0 | 4.2 | 16.2 | |
| 362 | 30°15'16" | 95°06'41" | Gulf Coast | -- | 1.8 | 3.7 | 12 | |
| 362 | 30°12'51" | 95°06'06" | Gulf Coast | -- | .9 | 6.4 | 8.3 | |
| 363 | 30°20'57" | 95°33'36" | Gulf Coast | -- | 4.17 | 6.4 | 37.9 | 3,200 ft above mouth of Base Creek |
| 363 | 30°18'51" | 95°30'41" | Gulf Coast | -- | 1.56 | 4.9 | 31.5 | |
| 363 | 30°16'05" | 95°29'36" | Gulf Coast | -- | -.7 | 3.2 | 26.6 | |
| 363 | 30°14'40" | 95°27'25" | Gulf Coast | -- | -.75 | 2.7 | 23.4 | |
| 363 | 30°13'58" | 95°25'57" | Gulf Coast | -- | 1.55 | 4.3 | 20.7 | |
| 363 | 30°12'20" | 95°23'31" | Gulf Coast | -- | -.99 | 3.9 | 16.4 | |
| 363 | 30°09'47" | 95°22'35" | Gulf Coast | -- | .18 | 3.3 | 12.5 | |
| 363 | 30°08'44" | 95°20'40" | Gulf Coast | -- | 3.9 | 5.9 | 9.2 | |
| 363 | 30°05'09" | 95°18'28" | Gulf Coast | -- | .9 | 2.7 | 3.3 | |
| 364 | 31°31'49" | 95°31'00" | -- | Queen City | -3.44 | 1.6 | 26 | at bridge on county road 3.5 mi northwest of Grapeland |
| 364 | 31°30'57" | 95°32'08" | -- | Queen City | 4.38 | 2.4 | 24.4 | at FM 1272 |
| 364 | 31°29'21" | 95°33'27" | -- | Queen City | 1.2 | 10.3 | 22 | |
| 364 | 31°27'52" | 95°39'36" | -- | Queen City | .13 | 6.5 | 11.7 | at FM 277 |
| 364 | 31°24'36" | 95°39'21" | -- | Queen City | .34 | 3.9 | 5.2 | at FM 2544 |
| 364 | 31°22'42" | 95°39'55" | -- | Queen City | 2.57 | 1.0 | 1.3 | |
| 365 | 31°25'51" | 95°29'35" | -- | Sparta | -.39 | 2.8 | 17.5 | at bridge on old Grapeland-Crockett Hwy |
| 365 | 31°25'22" | 95°31'45" | -- | Sparta | -.93 | 4.7 | 14.7 | |
| 365 | 31°24'47" | 95°35'00" | -- | Queen City | -.1 | 3.2 | 10 | |
| 365 | 31°23'57" | 95°36'52" | -- | Queen City | -.17 | 6.8 | 6.8 | FM 229 |
| 366 | 30°51'33" | 95°23'54" | Gulf Coast | -- | 2.1 | 25.9 | 0 | at IH-45 at Riverside gaging station (08066000) |
| 366 | 30°47'37" | 95°09'00" | Gulf Coast | -- | 5.6 | 39.8 | 25.9 | |
| 366 | 30°33'59" | 94°56'46" | Gulf Coast | -- | 3.46 | 22.5 | 65.7 | |
| 366 | 30°25'28" | 94°51'02" | Gulf Coast | -- | 26.0 | 45.3 | 88.2 | gaging station (0866500) |

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