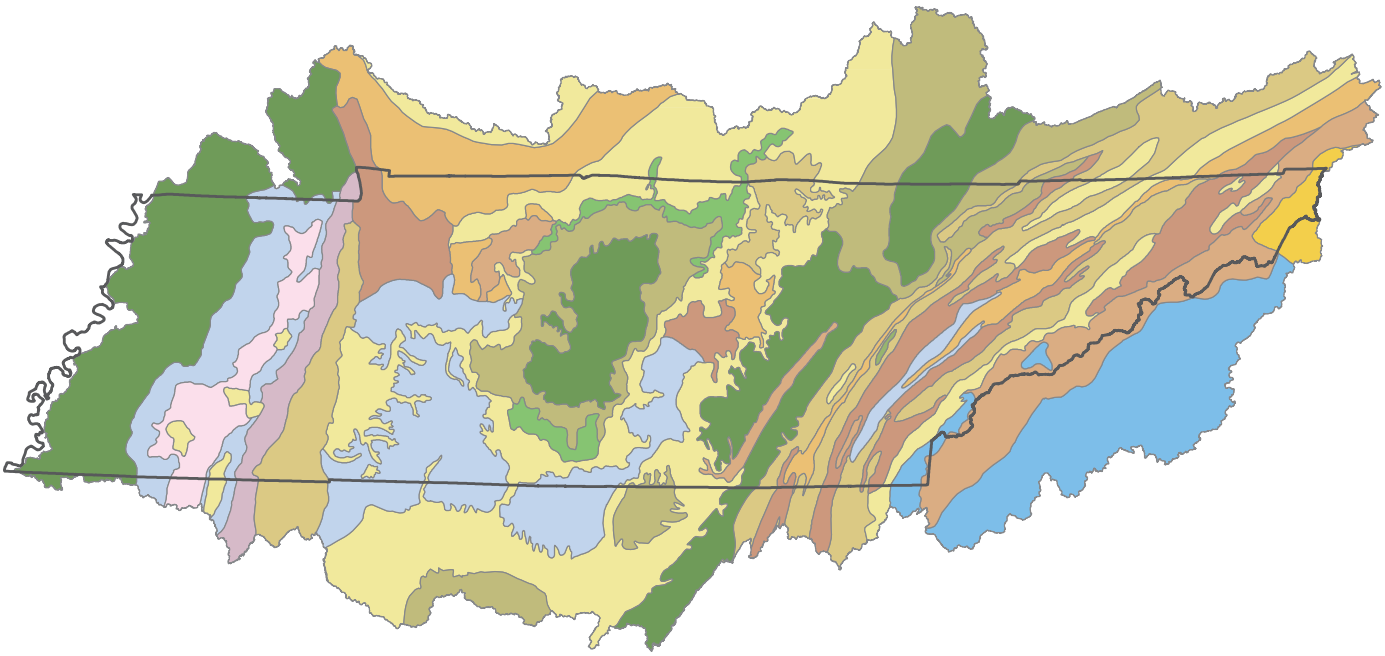
Prepared in cooperation with the
Tennessee Department of Environment and Conservation

Streamflow-Characteristic Estimation Methods for Unregulated Streams of Tennessee



Scientific Investigations Report 2009–5159

U.S. Department of the Interior
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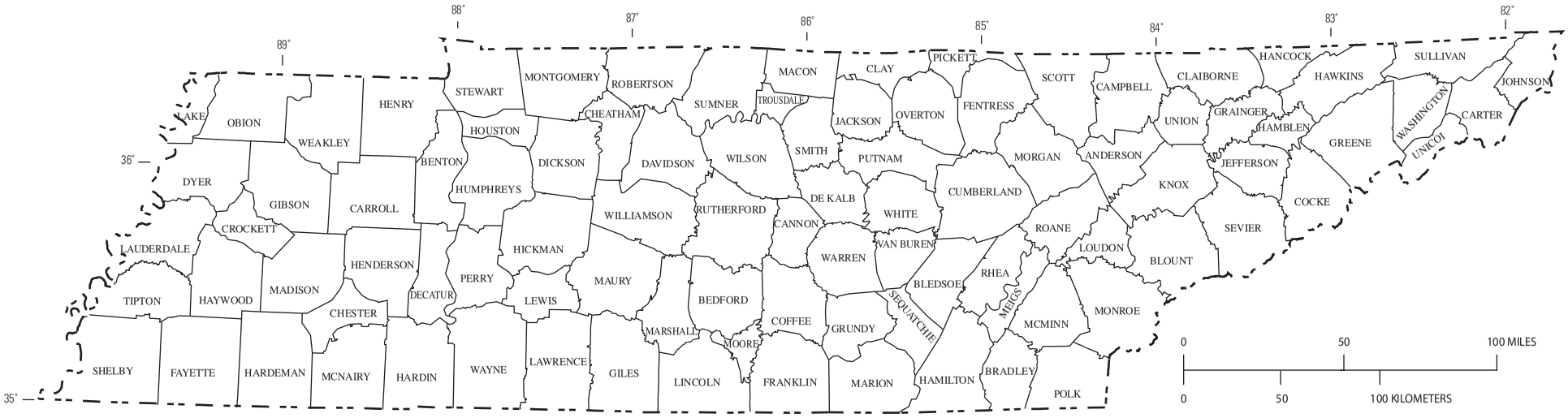
Counties of Tennessee



Cover illustration. Generalized geology-factor (*GF*) delineations for Tennessee (modified from Bingham, 1986a).

Streamflow-Characteristic Estimation Methods for Unregulated Streams of Tennessee

By George S. Law, Gary D. Tasker, and David E. Ladd

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U.S. Department of the Interior
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Conversion Factors and Datums

Multiply	By	To obtain
	Length	
inch (in.)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
	Area	
square mile (mi^2)	2.590	square kilometer (km^2)
	Flow rate	
cubic foot per second (ft^3/s)	0.02832	cubic meter per second (m^3/s)
million gallons per day (Mgal/d)	0.04381	cubic meter per second (m^3/s)
inch per hour (in/h)	0.0254	meter per hour (m/h)
inch per year (in/yr)	25.4	millimeter per year (mm/yr)

Temperature in degrees Fahrenheit (°F) may be converted to degrees Celsius (°C) as follows:

$$°C=(°F–32)/1.8$$

Vertical coordinate information is referenced to the National Geodetic Vertical Datum of 1929 (NGVD 29).

Horizontal coordinate information is referenced to the North American Datum of 1927 (NAD 27).

Elevation, as used in this report, refers to the distance above the vertical datum.

Selected Abbreviations

CF	Climate factor having a 2-year recurrence interval, dimensionless
DA	Drainage area in square miles, includes noncontributing areas in a watershed
DEM	Digital elevation model
EY	Equivalent years of record for a regression estimate
GF	Geology factor in days per log-cycle of declining baseflow, a watershed-weighted value
GIS	Geographic information system
GIS.CF	GIS-computed climate factor having a 2-year recurrence interval, dimensionless
GIS.DA	GIS-computed drainage area in square miles, includes noncontributing areas
GIS.GF	GIS-computed geology factor in days per log-cycle of declining baseflow, a watershed-weighted value
GIS.SF	GIS-computed soil factor, percentage of area underlain by a soil permeability greater than or equal to 2 inches per hour
GIS.SP	GIS-computed soil permeability in inches per hour, a watershed-weighted value
LAT	Latitude
LFPR	Low-flow partial-record site
LNG	Longitude
LT GAGE	Long-term continuous-record gage used in low-flow partial-record site correlation
MA	Mean annual streamflow, October through September
MNO	Map number of gaged site on Plate 1
MS	Mean summer streamflow, June through August
NED	National Elevation Dataset
NHD	National Hydrography Dataset
NRCS	U.S. Department of Agriculture, Natural Resources Conservation Service
PRESS	Prediction-error sum of squares
QM	Instantaneous-discharge measurement
ROI	Region-of-influence
RRE	Regional regression
SF	Soil factor, percentage of area underlain by a soil permeability greater than or equal to 2 inches per hour
SP	Soil permeability in inches per hour, a watershed-weighted value
STANAM	Station name of a gaged site
STANO	Station number of a gaged site
STATSGO	State Soil Geographic data base
TDEC	Tennessee Department of Environment and Conservation
TDOT	Tennessee Department of Transportation
USGS	U.S. Geological Survey
YR	Years of streamflow record
7Q10	Lowest 7-day average flow with a 10-percent probability of occurring in any given year
30Q5	Lowest 30-day average flow with a 20-percent probability of occurring in any given year

Streamflow-Characteristic Estimation Methods for Unregulated Streams of Tennessee

By George S. Law, Gary D. Tasker, and David E. Ladd

Abstract

Streamflow-characteristic estimation methods for unregulated rivers and streams of Tennessee were developed by the U.S. Geological Survey in cooperation with the Tennessee Department of Environment and Conservation. Streamflow estimates are provided for 1,224 stream sites. Streamflow characteristics include the 7-consecutive-day, 10-year recurrence-interval low flow, the 30-consecutive-day, 5-year recurrence-interval low flow, the mean annual and mean summer flows, and the 99.5-, 99-, 98-, 95-, 90-, 80-, 70-, 60-, 50-, 40-, 30-, 20-, and 10-percent flow durations. Estimation methods include regional regression (RRE) equations and the region-of-influence (ROI) method. Both methods use zero-flow probability screening to estimate zero-flow quantiles. A low flow and flow duration (LFFD) computer program (TDECv301) performs zero-flow screening and calculation of nonzero-streamflow characteristics using the RRE equations and ROI method and provides quality measures including the 90-percent prediction interval and equivalent years of record. The U.S. Geological Survey StreamStats geographic information system automates the calculation of basin characteristics and streamflow characteristics. In addition, basin characteristics can be manually input to the stand-alone version of the computer program (TDECv301) to calculate streamflow characteristics in Tennessee.

The RRE equations were computed using multivariable regression analysis. The two regions used for this study, the western part of the State (West) and the central and eastern part of the State (Central+East), are separated by the Tennessee River as it flows south to north from Hardin County to Stewart County. The West region uses data from 124 of the 1,224 streamflow sites, and the Central+East region uses data from 893 of the 1,224 streamflow sites. The study area also includes parts of the adjacent States of Georgia, North Carolina, Virginia, Alabama, Kentucky, and Mississippi. Total drainage area, a geology factor, a climate factor, and two soil factors were used as explanatory variables in the RRE equations. Average deleted-residual prediction errors for the West-region RRE equations were 18 and 123 percent for the 10-percent flow duration and 7-consecutive-day, 10-year recurrence-interval low flow, respectively. Average deleted-residual prediction errors for RRE equations were 21 and 89 percent for the same respective flow quantiles in the Central+East region.

The ROI method calculates unique multivariable regression equations for a site of interest using the flow and basin characteristics of 45 similar streamflow-data sites selected from the same region. These 45 sites are selected using a metric that measures similarity between the site of interest and the streamflow-data sites based on total drainage area, geology factor, and climate factor. The ROI method estimates streamflow characteristics using total drainage area, geology factor, and a soil factor as explanatory variables.

Average deleted-residual prediction errors for the West-region ROI equations were 18 and 125 percent for the 10-percent duration and 7-consecutive-day, 10-year recurrence-interval low flow, respectively. Average deleted-residual prediction errors for ROI equations were 20 and 85 percent for the same respective flow quantiles in the Central+East region. In general, when compared to the RRE equations, the ROI method performs similarly in the West region and reduces streamflow-characteristic prediction errors by an average of about 7 percent in the Central+East region of Tennessee.

Introduction

Rivers and streams are the primary sources of drinking water and receptors for wastewater for citizens, businesses, and industries in the State of Tennessee. Improvement, protection, and sustainability of the flow and quality of these water resources are essential for the health of the people and environment of Tennessee.

Scientists, engineers, and water-resource managers rely on accurate and up-to-date streamflow data and estimates to characterize the natural flow of rivers and streams. Streamflow characteristics including low-flow frequencies, mean annual and mean summer flows, flow-duration characteristics of rivers and streams, and others are used in the design and maintenance of water-related structures and the study and protection of aquatic environments and ecosystems (U.S. Department of Agriculture, Forest Service, 2000; U.S. Department of Agriculture, Natural Resources Conservation Service, 2001; Tennessee Valley Authority, 2004; U.S. Fish and Wildlife Service, 2005; Association of Fish and Wildlife Agencies, 2006; National Park Service, 2006; U.S. Army Corps of Engineers, 2008, 2009). Water-quality management plans and regulatory programs need effective techniques for estimating streamflow characteristics to protect the public interest (Cleland, 2007; U.S. Environmental Protection Agency, 2008).

Estimates of low streamflow characteristics at ungaged sites are susceptible to error because of their dependence on geology and evapotranspiration, which are difficult to describe by indices (Riggs, 1972). One persistant source of error has been the variability in precision among cartographic data sources and the difficulty of reconciling data collected at a variety of scales. Advances in computer technology, geographic information systems, and regression techniques, however, provide new means to investigate more accurate methods for statewide regionalization of low-flow characteristics at ungaged sites (Ries and others, 2004, 2007).

The U.S. Geological Survey (USGS), in cooperation with the Tennessee Department of Environment and Conservation (TDEC), assembled a low-flow frequency and flow-duration (LFFD) dataset from partial record and continuous gaging sites and developed a computer program that uses the region-of-influence (ROI) method and regional regression (RRE) equations to estimate low-flow frequencies, mean annual and mean summer flow, and flow-duration characteristics for unregulated rivers and streams in Tennessee. The overall dataset includes statistics from 1,224 stream sites, of which 1,017 sites were included in the computational program (TDECv301).

All of the 1,224 stream sites presented in Appendix A are located in rural to lightly developed areas of Tennessee and the adjacent States of Georgia, North Carolina, Virginia, Alabama, Kentucky, and Mississippi (fig. 1). Hydrologic data were collected at these sites by many Federal, State, and local government agencies including the USGS, National Park Service, U.S. Army Corps of Engineers, Tennessee Valley Authority, U.S. Forest Service, National Weather Service, TDEC, Tennessee Department of Transportation, Metropolitan Government of Nashville and Davidson County, cities of Memphis, Knoxville, Chattanooga, and others.

Purpose and Scope

This report provides basin and streamflow characteristics for 1,224 gaged sites in watersheds contributing to streams in Tennessee and documents an automated computer program that estimates streamflow characteristics for unregulated rivers and streams in Tennessee based on data from many of these sites. The program estimates nonzero streamflow characteristics using both the ROI method and an updated version of the previously published RRE method. Results of the two methods and their relative accuracy are compared. The computational algorithms used in this program deal with zero-flow characteristics using logistic-probability screening (Tasker, 1989).

Though the data included in this analysis are drawn from watersheds in other states, the estimation methods and equations presented in this report were developed explicitly for streams in Tennessee and have only been validated for Tennessee streams. Statistics for the 158 gaging stations located in other surrounding states were used solely to supplement the data available for watersheds that cross state boundaries. Estimates of streamflow characteristics for streams located outside of Tennessee may differ from other published information for those states and should be used with caution. Complimentary estimates for other States can best be obtained from the following reports: Alabama (Atkins and Pearman, 1994), Georgia (Carter and Putnam, 1978; Carter and Fanning, 1982), North Carolina (Giese and Mason, 1991), Virginia (Hayes, 1991; Nelms and others, 1997), Kentucky (Ruhl and Martin, 1991; Martin and Ruhl, 1993; Ruhl and others, 1995; Martin, 2002), and Mississippi (Telis, 1991, 1992).

Previous Studies

Eaton (1958) computed low-flow and flow-duration statistics at 125 continuous-record streamgages using data collected through 1956. Wood and Johnson (1965) analyzed flow-duration and various consecutive-day mean-discharge characteristics for 190 continuous-record streamgages using data collected through 1960. May and others (1970) developed multivariable ordinary-least-squares estimation equations for various low-flow, high-flow, and runoff-volume characteristics at ungaged sites in Tennessee, based on data collected from 167 streamgages through the late 1960s. During this period, the Tennessee Valley Authority conducted research to correlate hydrologic conditions in watersheds with physical characteristics using factor analysis (Tennessee Valley Authority, 1965a, 1965b).

Gold (1981) produced a comprehensive report of flow-duration and low-flow statistics for 204 continuous-record stations and 651 low-flow partial-record stations using data collected through 1975. Bingham (1985) updated the work of Gold (1981) by analyzing data collected through 1981 at 201 continuous-record stations and 769 low-flow partial-record sites. Bingham (1986a, 1986b) performed two regional regression analyses using data compiled in the previously published low-flow report (Bingham, 1985) and presented two sets of regionalized low-flow equations. One set of equations applied to streams located west of the Tennessee River in the western part of the State and the other set of equations to areas east of the Tennessee River. A limitation of Bingham's regression method was the lack of a zero-streamflow characteristic testing process; consequently, Bingham's equations commonly overpredict low-flow frequencies for streams with a high probability of zero flow. Bingham (1986b) developed regression equations for estimating winter (December–April) low-flow characteristics in Tennessee.

Wetzel and Bettandorff (1986) presented techniques for estimating streamflow characteristics in the Eastern and Interior Coal Provinces, which include parts of Kentucky, Virginia, Tennessee, and Alabama. Lowery and Connell (1990) documented the regional drought that occurred across large areas of Tennessee during the period 1986–88. Their report presented discharge measurements made at more than 250 sites across the State during the summer of 1988. Many of those measurements represented low-flow conditions with a 20-year recurrence interval.

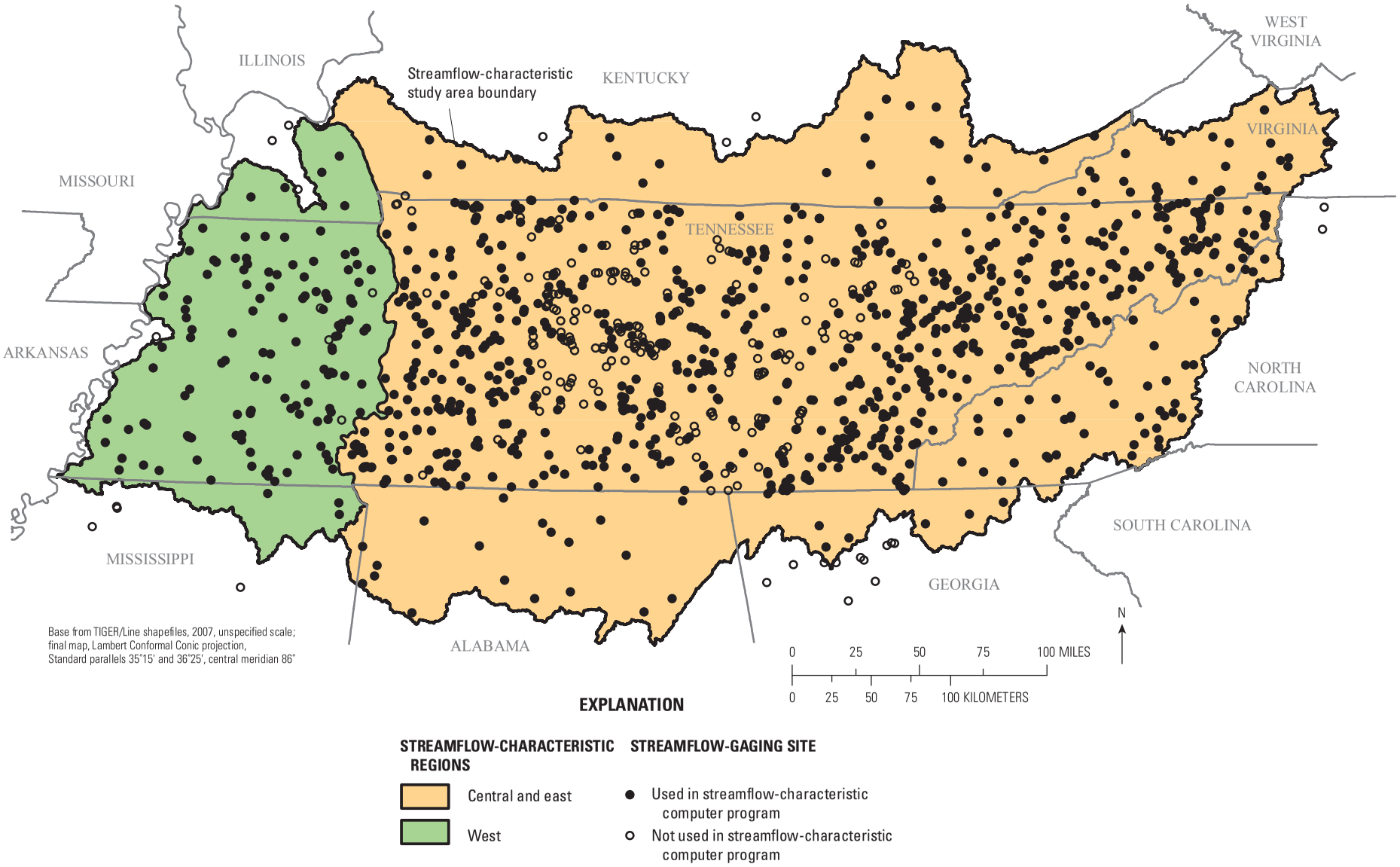

Figure 1. Streamflow-characteristic study area, regions, and streamflow-gaging sites, Tennessee and parts of Kentucky, Virginia, North Carolina, Georgia, Alabama, and Mississippi.

Outlaw and Weaver (1996) presented estimates of flow-duration and low-flow characteristics for 215 continuous-record and 1,216 low-flow partial-record stations in Tennessee using data collected through 1992. This study was an update of Bingham's (1985) report using low-flow estimation methods developed by Bingham (1986a, 1986b) or Wetzel and Bettandorff (1986).

Description of Study Area

The physiography of Tennessee can be represented by a transect from the Mississippi River alluvial plain to the crest of the Blue Ridge. The topography of West Tennessee includes periodically flooded valley bottoms, an extensive loess (wind-deposited silt) plateau, and deeply gullied sand hills (Fenneman, 1938, 1946; Miller, 1974; Luther, 1977). Middle Tennessee lies primarily within the Interior Low Plateau physiographic province and includes the sinkhole plains of the Nashville Basin and the rolling to dissected uplands of the Highland Rim (Fenneman, 1938, 1946). East Tennessee includes the nearly flat Cumberland Plateau, incised at its margins by numerous coves and gorges, the aptly named Valley and Ridge physiographic province, and Tennessee's highest mountains, the Unaka Range of the Blue Ridge physiographic province (fig. 2) (Fenneman, 1938, 1947; U.S. Geological Survey, 1970; Miller, 1974; Luther, 1977). Land-surface elevations in Tennessee range from about 250 feet (ft) above NGVD 29 along the Mississippi River in West Tennessee to more than 6,600 ft in the Unaka Range.

The generalized geology of Tennessee can be described by the dominant stratigraphy and structure in the physiographic regions (Wilson, 1981). The geology of the Mississippi River Valley region is dominated by alluvial deposits of sand, silt, clay, and gravel. The Coastal Plain region is characterized by unconsolidated beds of loess, silt, clay, sand, gravel, and alluvial deposits along the major river valleys. The geology of the Western Valley region includes alluvial deposits of sand, silt, clay, and gravel on the valley floor. The adjacent uplands and ridges consist of sands and clays underlain by limestone and shale.

The geology of the Highland Rim and Central Basin physiographic regions is dominated by gently dipping beds of limestone, interbedded with minor formations of dolomite, shale, and chert, with heterogeneous alluvium along major rivers and valley floors (Wilson, 1981). The Cumberland Plateau physiographic region is a tableland, on average about 500 to 1,000 ft higher than adjacent regions, capped by layered sandstone, shale, and conglomerate. The Sequatchie Valley physiographic region consists of a 1,000-ft deep, 4-mile (mi) wide valley where the Sequatchie River has cut through the Cumberland Plateau caprock into the underlying limestone.

The Valley and Ridge physiographic region in Tennessee is a 30- to 100-mi-wide region of elongated ridges and intervening valleys trending in a northeast-southwest direction. Geology of the region is characterized by folded and fractured beds of limestone, shale, and sandstone. Folding and fracturing that occurred 230 to 260 million years ago resulted in the northeast-southwest orientation of ridges and intervening valleys (K.E. Smith, Middle Tennessee State University, written commun., 1993). The Blue Ridge, or Unaka Range, physiographic region of East Tennessee includes the mountain ranges, valleys, and coves of the Cherokee National Forest and the Great Smoky Mountains National Park. Geology of the northern part of the region is characterized by limestone, dolomites, and shale with exposures of igneous and metamorphic rocks such as tuff, rhyolite, granite, schist, and quartzite. The mountains to the south are mainly composed of sedimentary and metamorphic rocks, including sandstone, conglomerate, arkose, and siltstone (Wilson, 1981).

The climate of Tennessee is humid subtropical. The average annual temperature for Tennessee is about 57 degrees Fahrenheit (°F), ranging from 63 °F in Memphis to 43 °F in the mountains of East Tennessee (National Oceanic and Atmospheric Administration, 2006). Normal monthly mean

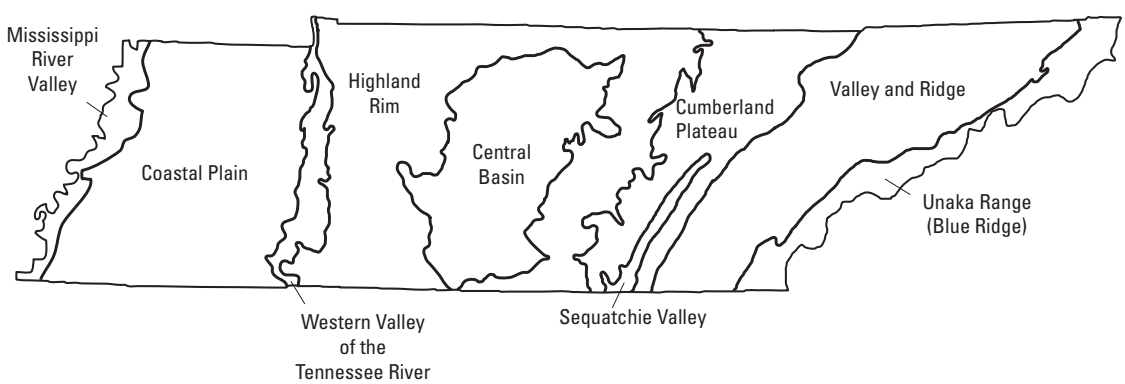

Figure 2. Generalized physiographic regions of Tennessee (modified from Fenneman, 1938, 1946; U.S. Geological Survey, 1970; Miller, 1974; and Luther, 1977).

temperatures range from January lows of 40 to 27 °F to July highs of 83 to 59 °F in Memphis and the mountains of East Tennessee, respectively. Rainfall is plentiful across the State. The average annual rainfall amount for Tennessee is about 52 inches (in.) (National Oceanic and Atmospheric Administration, 2006). Annual rainfall amounts vary across the State from about 40 in. to about 80 in. (Daly, 2000). Most of Tennessee receives average annual rainfall of 50 in. to 60 in. Rainfall minima for the State occur in the northern part of the Valley and Ridge and Blue Ridge physiographic regions where average annual rainfall is about 45 in. Maxima for the State occur on the highest parts of the Cumberland Plateau and along the foothills and peaks of the Unaka Mountains where average annual rainfall totals range from 60 to 80 in.

Typically, the low-flow season in Tennessee occurs from late summer through fall. The months with the lowest flow are usually September and October (U.S. Geological Survey, 1986). Rivers and streams in the Coastal Plain physiographic region generally have sustained baseflows during dry periods whereas those on the Cumberland Plateau commonly go dry. Many streams in the Central Basin physiographic region also go dry during long periods of little or no rainfall. Streams in the Highland Rim, Valley and Ridge, and Blue Ridge physiographic regions have sustained baseflows that vary between these extremes (Tennessee Department of Conservation and Commerce, 1961; Alexander and others, 1984). Average annual runoff for Tennessee varies from approximately 18 in. to 40 in. (U.S. Geological Survey, 1986) and evapotranspiration averages about 30 inches per year (in/yr) (Tennessee Department of Conservation and Commerce, 1961).

Streamflow Characteristics

Unregulated rivers and streams flow in predictable seasonal patterns. Free-flowing rivers and streams in Tennessee typically have their highest flows in winter and early spring and their lowest flows in late summer and fall. Many streams in Tennessee, especially the smaller streams, go dry many times throughout the year. For rivers and streams without streamgages, natural streamflow characteristics can be estimated using streamflow recorded on nearby, hydrologically similar rivers and streams as the dependent or response variable and basin characteristics at the sites as independent or explanatory variables (Riggs, 1973). The most commonly used basin characteristics for estimating low flows and flow durations are watershed drainage area and geology. Other commonly used basin characteristics include those describing watershed climate and soils.

The streamflow characteristics presented in this report are flow rates, typically given in cubic feet per second or million gallons per day, which are used to describe how much water can be expected in an unregulated river or stream under different conditions. These characteristics include selected low-flow frequencies, mean annual and mean summer flows, and flow durations (table 1).

Streamflow records used to compute flow characteristics at sites presented in this report represent unregulated-flow conditions free of the effects of large dams and reservoirs. Streamflow characteristics representing unregulated-flow conditions can be computed for continuous-record stations with at least 5 years of record using the ANNIE software package (Flynn and others, 1995). Streamflow characteristics representing unregulated-flow conditions for short-term continuous-record gages with less than 5 years of record and for low-flow partial-record (LFPR) stations can be computed using graphical correlation techniques that relate the short-term or LFPR site to a nearby, hydrologically similar long-term continuous-record gaging station (Searcy, 1959, 1960; Riggs, 1972). For this study, only continuous-record gages having at least 10 years of record were used as long-term gages to transfer streamflow characteristics to a short-term or LFPR site.

Streamflow characteristics are typically needed at sites where no streamflow information is available. The usual method for obtaining these estimates is through regional regression analysis relating streamflow characteristics at many sites to basin characteristics such as drainage area, geology, climate, and soils at those sites.

Table 1. Descriptions of relevant streamflow characteristics for streams in Tennessee.

Streamflow characteristic	Description
7Q10	Lowest 7-day average flow with a 10-percent probability of occurring in any given year
30Q5	Lowest 30-day average flow with a 20-percent probability of occurring in any given year
MA	Mean-annual streamflow, October through September
MS	Mean-summer streamflow, June through August
q99.5	Daily mean streamflow exceeded 99.5 percent of the time
q99	Daily mean streamflow exceeded 99 percent of the time
q98	Daily mean streamflow exceeded 98 percent of the time
q95	Daily mean streamflow exceeded 95 percent of the time
q90	Daily mean streamflow exceeded 90 percent of the time
q80	Daily mean streamflow exceeded 80 percent of the time
q70	Daily mean streamflow exceeded 70 percent of the time
q60	Daily mean streamflow exceeded 60 percent of the time
q50	Daily mean streamflow exceeded 50 percent of the time
q40	Daily mean streamflow exceeded 40 percent of the time
q30	Daily mean streamflow exceeded 30 percent of the time
q20	Daily mean streamflow exceeded 20 percent of the time
q10	Daily mean streamflow exceeded 10 percent of the time

Low-Flow Frequency

Low-flow frequency characteristics of unregulated rivers and streams are used in planning and design of water supplies, analyzing environmental and economic impacts, modeling stream-water quality, regulating instream uses, and improving the general level of understanding of the natural and regulated stream systems (Tasker, 1987; Smakhtin, 2001). Low flow at a site is often characterized by an index of low flow computed using an adaptation of the log-Pearson Type III flood-frequency program described in Bulletin 17B of the Hydrology Subcommittee (Interagency Advisory Committee on Water Data, 1982) and implemented in the USGS computer program SWSTAT (Flynn and others, 1995).

The most widely used index of low flow in the United States is the 7-day, 10-year low flow (7Q10), which is the lowest average flow for 7 consecutive days that occurs on average once every 10 years (Riggs, 1980). Low-flow frequencies are applicable to a 1-year period. In addition to the 7Q10, the 30-day, 5-year low flow (30Q5) is presented in this report (table 1). Low-flow frequency calculations are based on daily-mean flows from complete climatic years of record. For this report, a climatic year is defined as the 12-month period from April 1 to March 31 and is designated by the ending year.

Mean Annual and Mean Summer Flows

Mean annual and mean summer flows are useful for general planning and in water-quality models, such as the SPARROW model (Schwarz and others, 2006). Total maximum daily loading regulations for many waterbodies and water-quality constituents are based on the mean annual flow or mean summer flow. Mean annual and mean summer flows are determined by computing the mean of the individual daily mean discharges from the streamgage record for the specified period. Mean-annual flow is based on the water year from October 1 through September 30; mean summer flow is based on the period June 1 through August 31. Each of these streamflow characteristics represents the entire period of record from which it was computed.

Flow Duration

Flow-duration curves have been used for water-power studies and for preliminary investigations of water supply, location of industrial plants, water-quality and pollution studies, and many other purposes (Searcy, 1959; Studley, 2000, 2001). Flow-duration characteristics describe the cumulative distribution of daily mean discharges recorded at a streamgage and show the percentage of time each daily mean discharge was equaled or exceeded. Typically, a minimum of 5 complete water years of record is used to compute flow-duration characteristics using methods described by Searcy (1959, 1960) and Riggs (1972). Commonly used flow-duration characteristics include the 99.5-, 99-, 98-, 95-, 90-, 80-, 70-, 60-, 50-, 40-, 30-, 20-, and 10-percent exceedence values (table 1). For example, the 99.5-percent flow duration is the flow rate exceeded 99.5 percent of the time.

Zero Flows

Zero-flow observations are commonly recorded at many unregulated rivers and streams in Tennessee. These observations assist scientists and planners studying ecological characteristics of ephemeral, intermittent, and perennial streams. Ephemeral streams are usually dry and flow only during and immediately after rain events. An intermittent stream flows more often than it is dry. These streams will commonly have unconnected pools during summer and fall months. A perennial stream normally has flowing water in its channel at all times. Previous low flow and flow duration reports for Tennessee (Gold, 1981; Bingham, 1985; Outlaw and Weaver, 1996) did not incorporate zero-flow estimation. Such estimation is useful because of the importance of very low flows for water supply and environmental planning.

Basin Characteristics

Basin characteristics (table 2) for each site in appended tables A1, A2, and A3 are quantities that describe the physical and climatic attributes of a watershed. Because differences in basin characteristics can be used to account for differences in streamflow characteristics of unregulated streams, these factors are used as explanatory variables in similar-group selection processes, streamflow-characteristic estimation equations, and hydrologic models. Automated techniques for measuring basin characteristics using remotely-sensed data have been used to improve estimates of streamflow characteristics since the early 1970s (Hollyday and Pluhowski, 1976).

The conceptual model (fig. 3) used for this study has five explanatory variables: (1) the 2-year recurrence-interval climate factor (*CF*); (2) the total drainage area (*DA*) of the watershed at the site of interest along a river or stream; (3) the area-weighted geology factor (*GF*) that describes the rate of baseflow recession of the river or stream; (4) the percentage of area underlain by soil permeability of at least 2 inches per hour (in/hr) (*SF*); and (5) the area-weighted average permeability of soil (*SP*).

Manual procedures used to delineate basin characteristics are subject to interpretation of topography, geology, and soils descriptions, and often suffer from a lack of adequate information for precise positioning of the basin characteristic boundaries and should only be used if justified. Other than *DA* and *CF*, the basin characteristics used as explanatory variables were not readily available for all of the sites used in the study. Automated geographic information system (GIS) methods were used to calculate basin characteristics for all of the sites. Although *DA* and *CF* values were available from previous analyses, these characteristics were recalculated using GIS

Table 2. Basin characteristics describing physical and climatic attributes of watersheds.

[dd mm ss, degrees, minutes, seconds; mi^2, square miles; in/hr, inches per hour; ---, dimensionless characteristic]

Basin characteristic	Unit of measure	Definition
		Physical characteristics
LAT	dd mm ss	Latitude, in degrees, minutes, and seconds, at a site of interest.
LNG	dd mm ss	Longitude, in degrees, minutes, and seconds, at a site of interest.
DA	mi^2	Drainage area of the watershed, includes noncontributing areas.
GF	days per log cycle of declining baseflow	Area-weighted geology factor describes streamflow-recession potential or the number of days for a river or stream in baseflow recession to go through one log cycle of flow. *GF* is an expression of the baseflow-recharge potential of the underlying aquifers in the watershed.
SF	percent	Based on the maximum of the range of permeability within each soil horizon, the soil factor is the percentage of area underlain by a soil permeability of at least 2 in/hr.
SP	in/hr	Area-weighted average of soil permeability, computed as a layer-thickness-weighted average across component horizons, and as an area-weighted average across map unit components.
		Climatic characteristic
CF	---	2-year recurrence-interval climate factor integrates long-term rainfall and pan evaporation information and represents the effect of these climatic influences on streamflow.

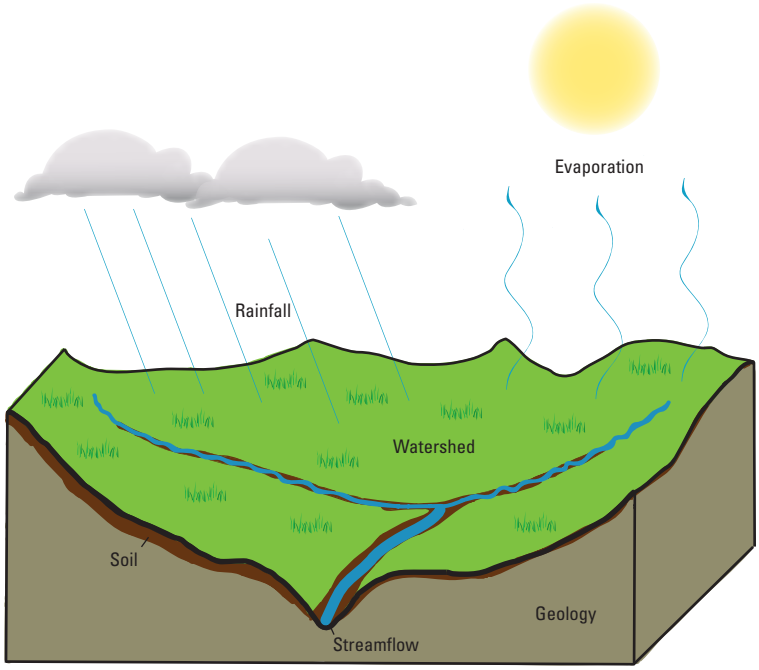

Figure 3. Conceptual model of the relation of streamflow in a watershed with climate, drainage area, geology, and soil characteristics (modified from Bingham, 1986a).

techniques to provide a consistent method for subsequent GIS-based calculations. Differences in *DA* are shown in appended tables A1, A2, and A3 at the back of this report.

Use of GIS technology to provide streamflow statistics, basin characteristics, and other information for gaged and ungaged sites can save substantial effort and offers potentially greater precision and consistency than can be obtained by use of manual methods. The USGS, in cooperation with Environmental Systems Research Institute (ESRI), has developed a Web-enabled GIS application called StreamStats (Ries and others, 2004; Kolton and others, 2006; Ladd and Law, 2007; Ries and others, 2007), which automates the process of calculating streamflow statistics, basin characteristics, and other information for gaged and ungaged sites.

Currently, Tennessee StreamStats uses regression equations in the National Streamflow Statistics (NSS) program to calculate streamflow statistics, but it also can be used to compute the basin charactersitics for manual entry to the low-flow frequency and flow-duration computer program. Information about StreamStats and its current status is available on the World Wide Web at: http://water.usgs.gov/osw/streamstats/ssonline.html.

Climate Factor

The primary climatic characteristics relevant to streamflow in a watershed are the intensity, duration, and amount of rainfall, as well as other meteorologic inputs that control evaporation and transpiration. Lichty and Liscum (1978) suggested the use of dimensionless regional climate factors (*CF*s) for multiple recurrence intervals (2, 25, and 100 year). The climate factor integrates long-term rainfall and pan evaporation information and represents the effect of these climatic influences on streamflow. Point values for *CF* were computed for 1,224 sites from isolines presented in Lichty and Karlinger (1990) (fig. 4) using a computational approach applied by Law and Tasker (2003). The point values for *CF* were interpolated to produce a uniform grid. *CF* values for these sites ranged from 2.307 to 2.445 for the West region and 2.056 to 2.460 for the Central+East region. Climate factors for each site presented in this study (fig. 1; plate 1) are given in appended tables A1, A2, and A3 at the back of this report.

Drainage Area

The drainage area (*DA*) (fig. 5) of a watershed at any given point along a river or stream is the total land area from which water drains into the river or stream above the site of interest. In the past, all drainage areas were delineated and computed using manual methods. Manually computed *DA* values can be input to TDECv301 if justified; however, *DA* values used in this study were computed by GIS methods incorporated in StreamStats and may differ from manually computed *DA* values.

Tennessee's flow-duration and low-flow frequency computer program includes stream sites with drainage areas ranging from approximately 1 to 14,400 mi². *DA* for each site used in the study was calculated using the Arc Hydro Tools extension of ArcGIS applied to the 10-meter Digital Elevation Models (DEMs) from the National Elevation Dataset (NED), the hydrologic unit code (HUC) boundary polygon feature

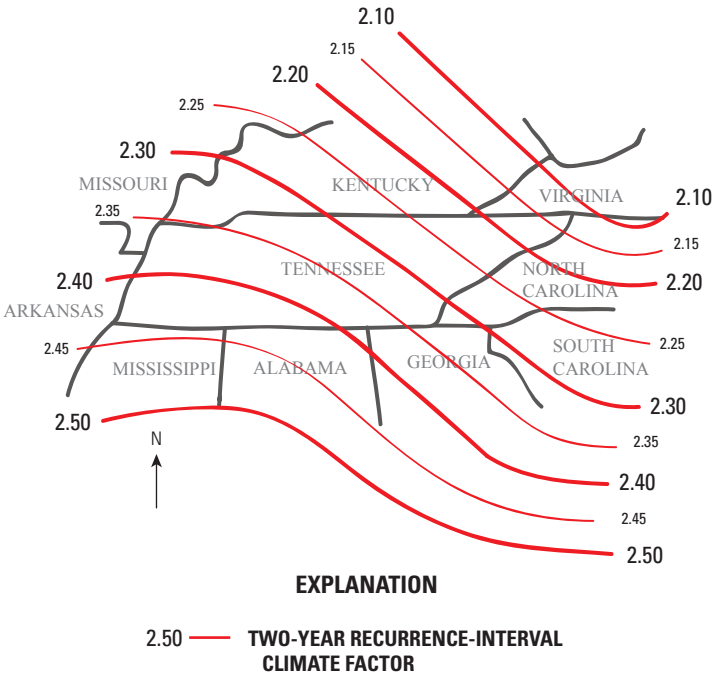

Figure 4. The 2-year recurrence-interval climate factor (modified from Lichty and Karlinger, 1990).

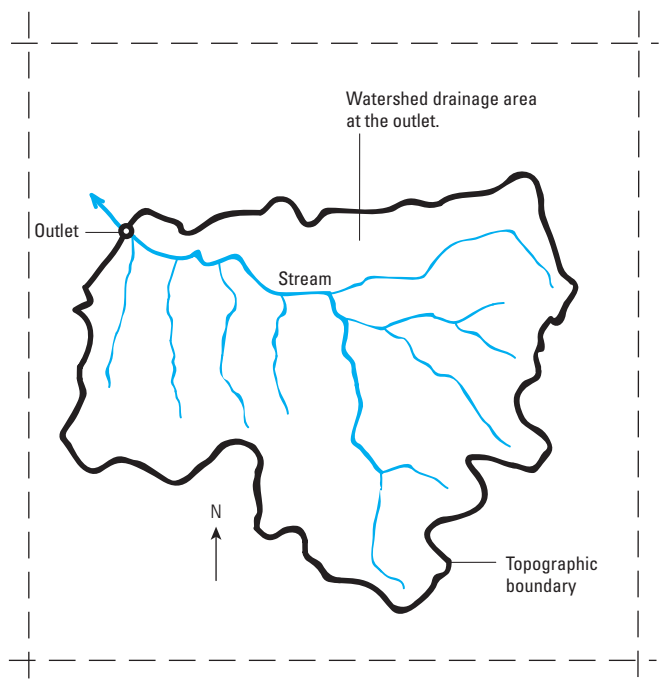

Figure 5. Schematic of watershed drainage area.

classes (U.S. Department of Agriculture, Natural Resources Conservation Service and others, 2007), and stream-feature classes from the National Hydrography Dataset (NHD) and Tennessee Department of Transportation (TDOT). Both manually and GIS-produced drainage areas are given for each stream site for comparison to previous publications. Only the GIS-produced values, however, are used in the low-flow frequency and flow-duration dataset in this report. *DA* values for these sites ranged from 2 to 2,405 mi^2 for the West region and 1.3 to 14,441 mi^2 for the Central+East region. Drainage areas for each stream site used in this study (fig. 1; plate 1) are given in appended tables A1, A2, and A3 at the back of this report.

Geology Factor

Geology factor (*GF*) is an area-weighted streamflow-recession index (Smakhtin, 2001; Konrad, 2006), in days per log cycle of declining flow (flows reduced by a factor of 10) at baseflow conditions, at a point of interest along a river or stream. For continuous-record gages having at least 10 years of record, a graphical computation method is used to compute *GF*. Streamflow-recession curves for each gaging station are plotted on a semilog scale (Bingham, 1986a). The baseflow recession of the hydrograph is nearly straight on a semilog plot. A large *GF* value represents slow depletion of water from the formations and a large capacity to release water, whereas a small value represents fast depletion of water from the formations and a small capacity to release water.

GF integrates effects of different geologic factors in a watershed. Bingham (1986a) gives a detailed description of the theory and development of the geology factor and generalized geology factor map. Bingham mapped geology-factor regions for Tennessee based on streamflow hydrographs, contacts between geologic formations, and the types of geologic formations at land surface. Graphically-determined *GF* values for 109 continuous gaging stations were compared with geologic and mineral-resources maps (Hardeman and others, 1966; Tennessee Valley Authority, 1970) to delineate generalized *GF* boundaries. Streamflow data were not available for all of the formations contributing water to streamflow within the State; however, the entire State was mapped based on the assumptions that similar types of formations contribute similar amounts of water to streamflow and that groundwater divides on the shallow aquifers correspond to topographic divides.

The updated generalized geology-factor map used for this study (fig. 6; plate 1) was based primarily on the map developed by Bingham (1986a). Published geology maps for adjacent States (Bicker, 1969 [reprint 1985]; North Carolina Geological Survey, 1985; Noger, 1988; Mancini, 1989; Virginia Division of Mineral Resources, 1993; Lawton and others, 1976 [reprint 1997]) were used to extend *GF* regions for the updated map beyond Tennessee. *GF* regions were refined for the updated map in a few areas of Central+East Tennessee based on additional streamflow data not used by Bingham.

For development and application of the low-flow frequency and flow-duration computer program, *GF* is determined using GIS methods and the generalized *GF* map (fig. 6; plate 1). The *GF* map was scanned, georeferenced, digitized, and converted to a grid. For stream sites with watersheds that drain multiple *GF* areas, *GF* is determined as the area-weighted average of the sub-area *GF* values. *GF* values for these sites ranged from 32 to 350 days per log cycle for the West region and 32 to 175 days per log cycle for the Central+East region. *GF* values for each site presented in this study are provided in appended tables A1, A2, and A3 at the back of this report.

Soil Factor

The soil factor (*SF*) of a drainage basin is the percentage of area underlain by soil with a permeability of at least 2 in/hr. Spatial and tabular data from the U.S. General Soil Map (U.S. Department of Agriculture, Natural Resources Conservation Service, 2006) were used to derive soil permeability values. The U.S. General Soil Map consists of georeferenced vector digital data and tabular digital data. The vector digital data are divided into map unit polygons. The tabular data include map unit subdivisions and various soil properties that can be related to the vector data. Tabular subdivisions of the map units include map unit components and map unit component horizons not shown in the vector data. The saturated hydraulic conductivity, or permeability, is reported as a range, consisting of low, representative, and high values for each component horizon.

For each component, the horizon with the lowest permeability was selected. Based on the high end of the reported permeability range, a subset of horizons with a permeability of at least 2 in/hr was selected from the set of lowest permeability horizons. Map-unit component percentages were summed for this horizon subset to calculate *SF* for each map unit. *SF* values for map units in the study area range from 0 to 100 percent (fig. 7). The algorithm used to calculate SF in this study is mathematically equivalent to that used by Greene and Wolfe (1998) for “restrictive permeability.” The map-unit vector polygons in the study area were converted to a grid with *SF* values, and drainage area-weighted *SF* values were computed for each site used in the study. *SF* values for these sites ranged from 2 to 98 percent for the West region and 2 to 100 percent for the Central+East region. *SF* values for each site presented in this study are provided in appended tables A1, A2, and A3 at the back of this report.

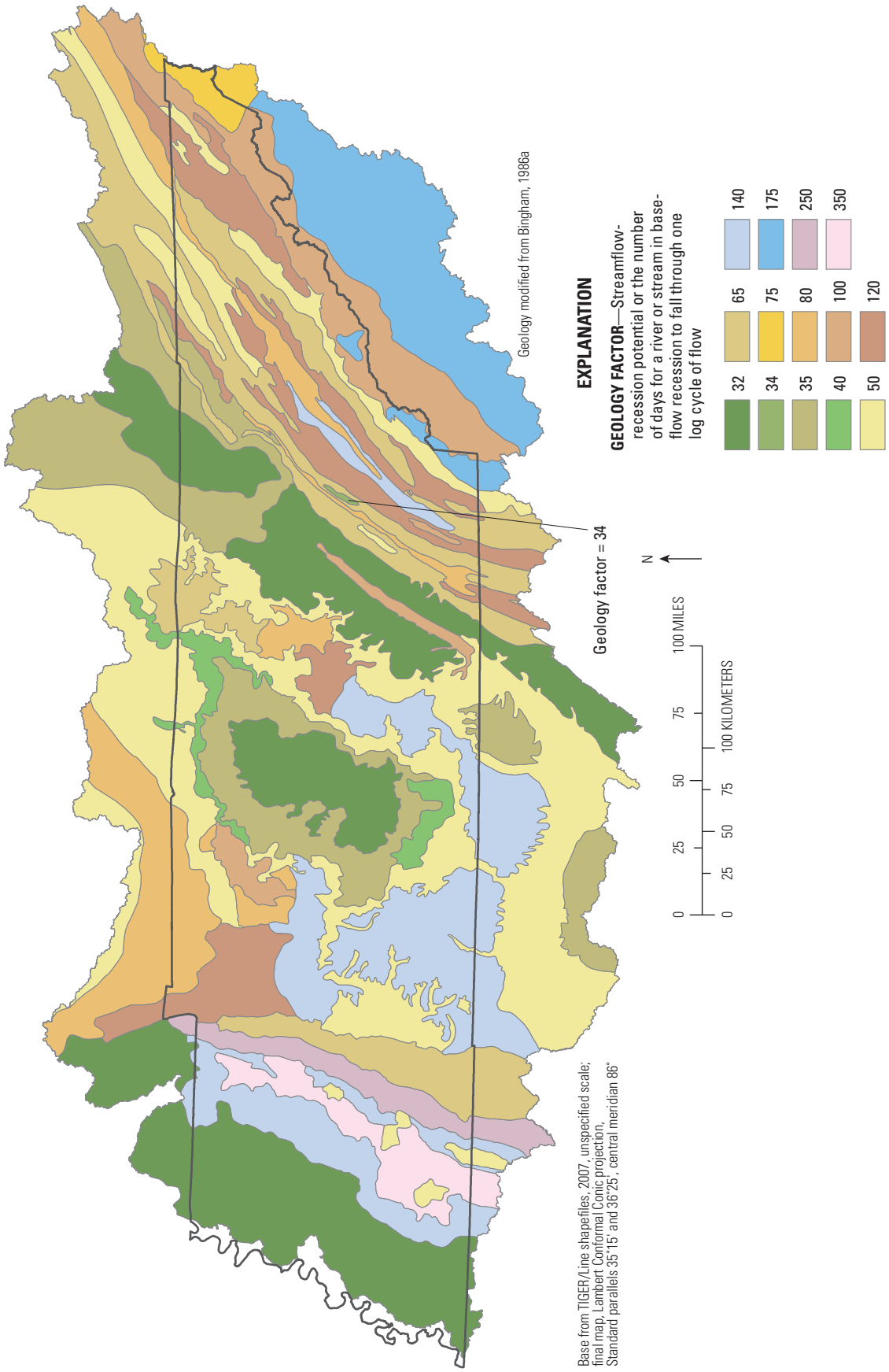

Figure 6. Generalized distribution of the geology factor for Tennessee and parts of Georgia, North Carolina, Alabama, Virginia, Kentucky, and Mississippi (modified from Bingham, 1986a).

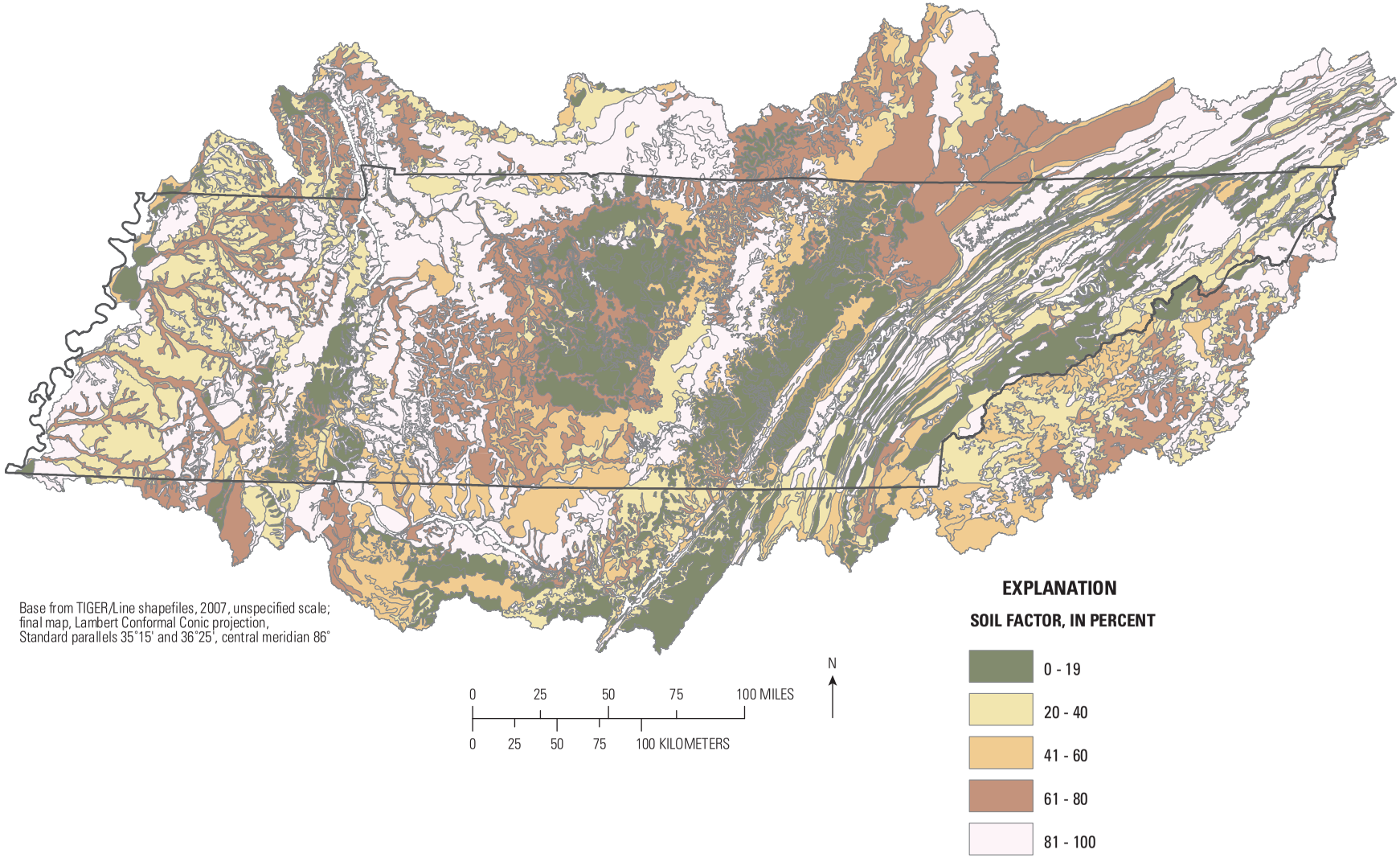

Figure 7. Generalized distribution of the soil factor for Tennessee and parts of Georgia, North Carolina, Alabama, Virginia, Kentucky, and Mississippi (modified from Greene and Wolfe, 1998).

Soil Permeability

Soil permeability (*SP*), in inches per hour, was derived from the USSOILS coverage (Schwartz and Alexander, 1995). The USSOILS coverage was developed from STATSGO data (U.S. Department of Agriculture, 1994). The USSOILS coverage includes, among other soil properties, a soil permeability value for each map unit vector polygon, which was incorporated directly into this study as *SP*. *SP* was computed as a layer-thickness-weighted average across component horizons, and as an area-weighted average across map-unit components. *SP* values for map units in the study area range from 0.15 to 9.72 in/hr (fig. 8). The map-unit vector polygons in the study area were converted to a grid with *SP* values, and drainage area-weighted *SP* values were computed for each site used in the study. *SP* values for these sites ranged from 0.97 to 2.44 in/hr for the West region and 0.45 to 9.72 in/hr for the Central+East region. *SP* values for each site presented in this study are provided in appended tables A1, A2, and A3 at the back of this report.

Development of Streamflow-Characteristic Datasets

Streamflow characteristics for unregulated rivers and streams were computed for two types of sites: (1) continuous-record gaging stations with 5 or more years of record and (2) low-flow partial record sites (LFPR) and continuous-record sites with less than 5 years of record. At continuous-record sites with a minimum of 5 years of record, streamflow statistics were computed using standard USGS methods (Flynn and others, 1995). At LFPR and continuous-record sites with less than 5 years of record, streamflow characteristics were computed using the graphical correlation method described by Searcy (1959, 1960).

Continuous-Record Sites

Continuous streamflow records have been collected in the Tennessee River and Cumberland River basins since the late 1800s. Over the years, many streamflow gages were operated for a period of time and then discontinued. In this study, 354 continuous-record gaging stations with at least 5 years of record, of which 314 gages have 10 or more years of record, were identified. The median watershed area for the continuous-record gages used in this study was 125 mi^2. These gages are located in Tennessee and surrounding states and are listed in appended tables A1 and A3 at the back of this report. Of these sites, 196 are located in Tennessee and 158 are located in the States of Kentucky, Virginia, North Carolina, Georgia, Alabama, and Mississippi.

In general, low-flow frequency statistics at continuous-record sites are computed using daily mean flows for all complete climatic years of record (fig. 9). Flow-duration characteristics at continuous-record gages are generally computed using daily-mean flows for all complete water years of record (fig. 10). Using the climatic year ensures that the annual low-flow period is not divided. With regard to flow-duration characteristics, the distinction among calendar, water, and climatic years is typically negligible for long records (Searcy, 1959, 1960).

The USGS has developed computer programs for computing flow-duration (Searcy, 1959, 1960) and low-flow frequency characteristics (Jennings and Benson, 1969; Riggs, 1972) for continuous-record gaging stations. The computer programs IOWDM, ANNIE, and SWSTAT (Flynn and others, 1995) were used in this study to format input data, manage and display data, and compute flow-duration and low-flow frequency characteristics at gaged sites with 5 or more years of continuous-discharge record. All of these programs and user documentation can be downloaded from the World Wide Web at http://water.usgs.gov/software/surface_water.html.

Low-Flow Partial-Record Sites

During the past 100 years, non-flood discharge measurements on unregulated rivers and streams in Tennessee and the surrounding states have been made at many sites without continuous-record streamgages. Low-flow partial-record (LFPR) sites are locations on unregulated rivers and streams where a consistent program to obtain non-flood discharge measurements, ranging from low to high baseflow, has been conducted (Gold, 1980). The median watershed area for LFPR and short-term continuous-record gages used in this study was 25 mi^2. These sites are located in Tennessee and are listed in appended table A2 at the back of this report.

Techniques for extending short-term and periodic records to produce long-term statistics from long-term continuous-record streamgages generally involve calibrating the observed discharges at LFPR sites with at least 10 instantaneous-discharge measurements (QM) to a suitable long-term gage (Searcy, 1959, 1960; Hardison, 1971; Hardison and Moss, 1972; Riggs, 1972; Tasker, 1975, 1987; Stedinger and Thomas, 1985). For LFPR sites with fewer than 10 QM, graphical methods can be used to estimate streamflow characteristics (Searcy, 1959, 1960; Hardison and Moss, 1972; Riggs, 1972). The number of years of record for low-flow frequency estimates at an LFPR site is equal to the number of climatic years in which at least one baseflow discharge measurement was obtained at the site.

Graphical correlation (Searcy, 1959, 1960; Hardison and Moss, 1972; Riggs, 1972) and equal-yield lines were used to estimate flow-duration values and low-flow frequency values at 870 LFPR sites presented in appended table A2 at the back of this report. Graphical correlation involves plotting QM at LFPR sites with daily-mean discharges at a long-term continuous-record gage and interpolating a straight line that intersects the equal-yield line near the average flow at the long-term gage (fig. 11). These lines are then used to determine

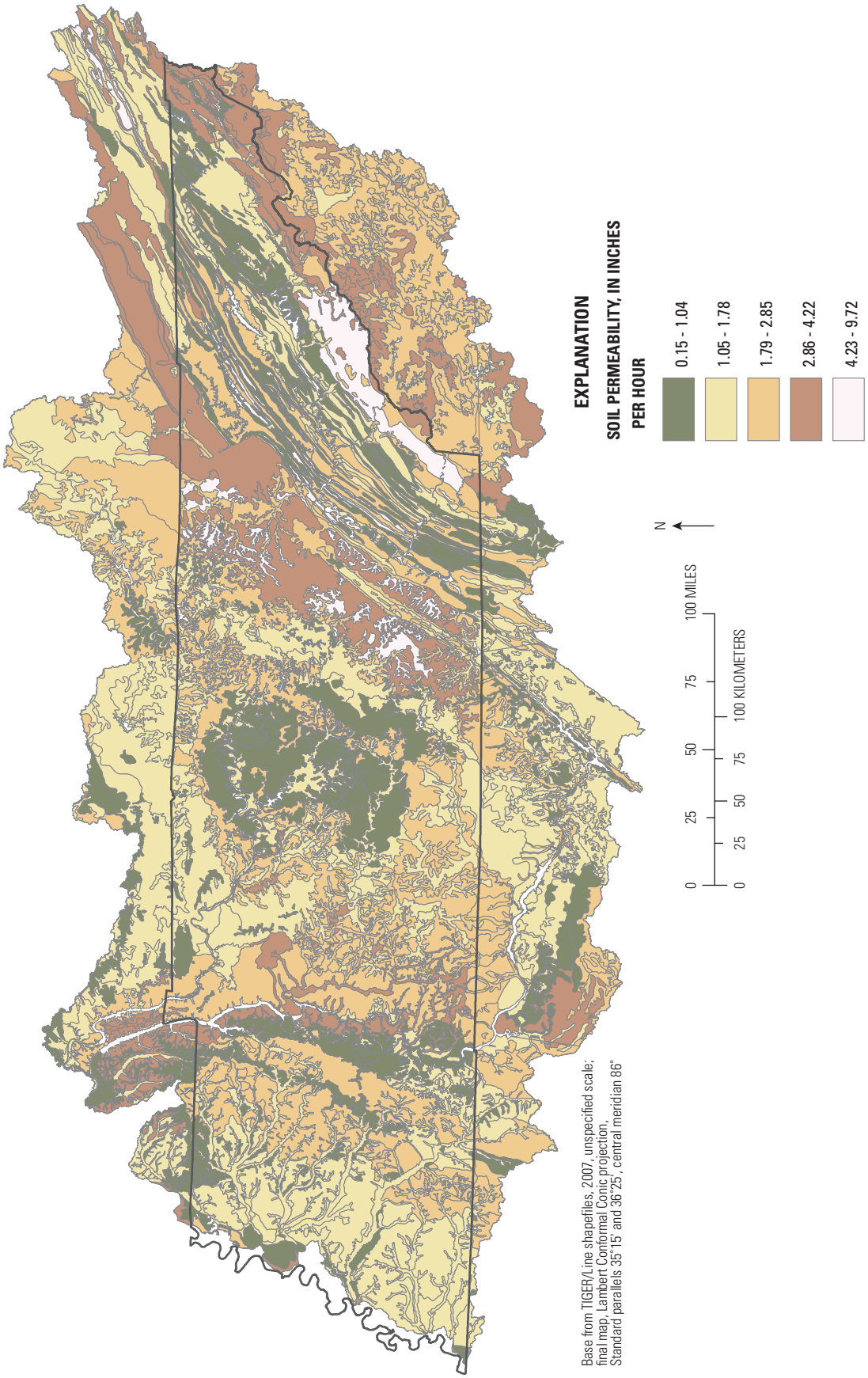

Figure 8. Generalized distribution of soil permeability for Tennessee and parts of Georgia, North Carolina, Alabama, Virginia, Kentucky, and Mississippi (modified from Schwartz and Alexander, 1995).

```
                    Log-Pearson Type III Statistics
                              SWSTAT 4.1
                      (based on USGS Program A193)

                   03455000 FRENCH BROAD RIVER NEAR NEWPORT, TN
                       April  1 - start of season
                       March 31 - end of season
                    1904 - 2001 - time period
                      7-day low - parameter
                             78 - non-zero values
                              0 - zero values
                             20 - negative values (ignored)

            854.286     495.000    1072.571     843.571     930.143
            883.143     275.714     539.571     724.429    1615.714
            913.857     570.857     568.857     695.143     847.857
           1397.143     863.143     970.286    1261.429     853.857
            662.000    1059.714     541.429    1228.571     852.857
            730.429    1094.571     933.857     657.857     954.571
           2035.714    1274.286     671.000     611.714     578.714
            400.000     627.429     499.000     742.429     860.143
           1174.286    1165.714    1297.143     939.571     640.429
           1158.571    1021.000     995.000    1474.286     897.429
           1448.571     556.429    1164.286    1006.714    1150.000
           1370.000    1261.429    1065.857    1025.000     755.143
           1344.286     779.857     474.000     765.000     777.857
            996.000     839.571     645.286     520.857    1714.286
            875.714    1100.000    1197.143     644.429     865.286
            500.571     384.571     520.429

      The following 7 statistics are based on non-zero values:

      Mean (logs)                                   2.928
      Variance (logs)                               0.026
      Standard Deviation (logs)                     0.163
      Skewness (logs)                              -0.326
      Standard Error of Skewness (logs)             0.272
      Serial Correlation Coefficient (logs)         0.259
      Coefficient of Variation (logs)               0.056


           Non-exceedance     Recurrence        Parameter
            Probability        Interval           Value
            -----------       ----------        ---------
                 0.0100           100.00          324.777
                 0.0200            50.00          368.713
                 0.0500            20.00          443.297
                 0.1000            10.00          518.973
                 0.2000             5.00          623.384
                 0.3333             3.00          733.158
                 0.5000             2.00          865.501
                 0.8000             1.25         1167.551
                 0.9000             1.11         1350.236
                 0.9600             1.04         1563.810
                 0.9800             1.02         1711.885
                 0.9900             1.01         1851.652
```

Figure 9. Output from computation of 7-day low-flow frequency estimates at a continuous-record gage using U.S. Geological Survey program SWSTAT.

Flow duration curve
03455000 FRENCH BROAD RIVER NEAR NEWPORT, TN
1921-2000

Lower class limit	Cases equal or exceeding lower limit and less than upper limit: Cases	Percent	Cases equal or exceeding lower class limit: Cases	Percent
200.00	0	0.00	30345	100.00
230.00	8	0.03	30345	100.00
270.00	9	0.03	30337	99.97
310.00	8	0.03	30328	99.94
350.00	20	0.07	30320	99.92
400.00	71	0.23	30300	99.85
460.00	122	0.40	30229	99.62
530.00	249	0.82	30107	99.22
610.00	519	1.71	29858	98.40
710.00	668	2.20	29339	96.68
810.00	1038	3.42	28671	94.48
930.00	1548	5.10	27633	91.06
1100.00	992	3.27	26085	85.96
1200.00	2070	6.82	25093	82.69
1400.00	1981	6.53	23023	75.87
1600.00	2727	8.99	21042	69.34
1900.00	2612	8.61	18315	60.36
2200.00	2349	7.74	15703	51.75
2500.00	2087	6.88	13354	44.01
2800.00	2836	9.35	11267	37.13
3300.00	2061	6.79	8431	27.78
3800.00	1477	4.87	6370	20.99
4300.00	1303	4.29	4893	16.12
5000.00	899	2.96	3590	11.83
5700.00	691	2.28	2691	8.87
6600.00	546	1.80	2000	6.59
7600.00	391	1.29	1454	4.79
8700.00	308	1.01	1063	3.50
10000.00	755	2.49	755	2.49

5815 values were tagged missing and excluded from analysis.

Percent time value was exceeded

Flow	%	Flow	%	Flow	%
551.03	99.	1744.97	65.	3504.94	25.
633.10	98.	1912.40	60.	3901.90	20.
786.53	95.	2086.67	55.	4483.33	15.
965.42	90.	2267.75	50.	5432.54	10.
1129.41	85.	2461.53	45.	7484.16	5.
1278.94	80.	2674.80	40.	10625.10	2.
1426.68	75.	2913.94	35.	11905.89	1.
1579.86	70.	3181.44	30.		

Figure 10. Output from computation of flow duration at a continuous-record gage using U.S. Geological Survey program SWSTAT.

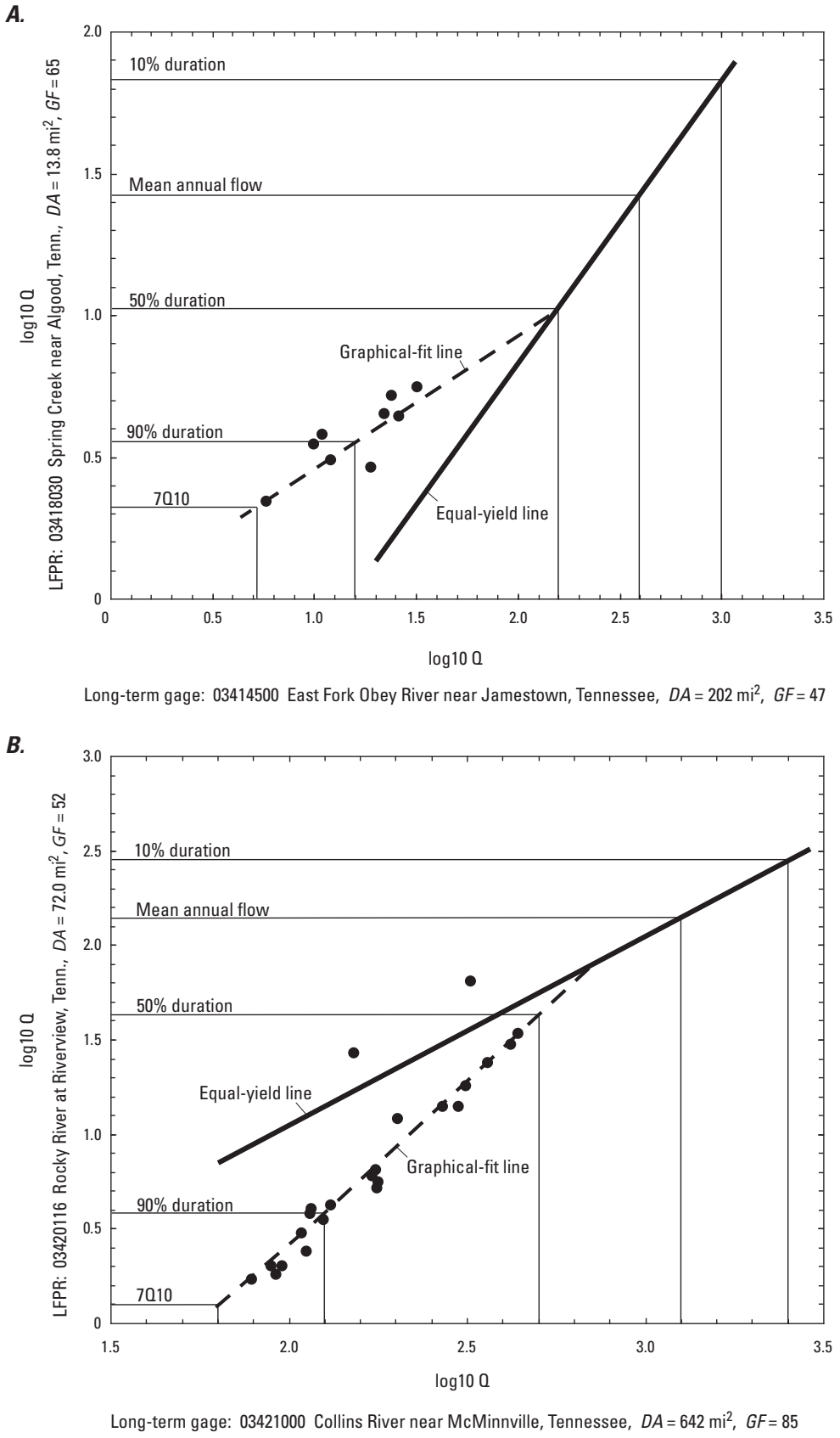

Figure 11. Correlation of streamflow between a long-term gage and a low-flow partial-record site where *(A)* the geology factor is greater at the low-flow partial-record site, and *(B)* the geology factor is greater at the long-term gage.

an equivalent flow at an LFPR site for a given flow at the long-term gage. The equal-yield line assumes that flows at the LFPR site and long-term gage are proportional to drainage area (Searcy, 1959, 1960) and is applied above the intersection of the low-flow line. Although multiple long-term gages can be used in LFPR correlations, in all cases for this study, only one long-term gage was used to compute equivalent streamflow characteristics at an LFPR site.

Estimation at Ungaged Sites

A site of interest is often located on an unregulated river or stream where no streamflow data are available. Streamflow characteristics at these sites in Tennessee have been estimated using multivariable ordinary least-squares regression equations developed for the West region of Tennessee and the Central+East region of Tennessee (Bingham, 1985, 1986). More recently, a procedure suggested by Tasker (1989) and applied in Arkansas uses logistic-probability equations to screen for zero-flow characteristics and multivariable ordinary least-squares regression to compute nonzero-streamflow characteristics for different regions in the State (Ludwig and Tasker, 1993; Funkhouser and others, 2008). A newer estimation method, which has been applied to flood frequency (Law and Tasker, 2003) but not to low-flow frequency and flow durations is the region-of-influence method. In this report, logistic-probability equations are used to screen for zero-flow characteristics, and both the region-of-influence method and regional regression equations are used to estimate nonzero-streamflow characteristics. Using StreamStats and the low-flow frequency and flow-duration (LFFD) computer program TDECv301, there is no difference in the amount of user effort required to apply either the region-of-influence method or the regional regression equations.

Zero Flow Estimation

Zero flows at continuous-record gages are included in streamflow characteristics estimated by the USGS computer program SWSTAT (Flynn and others, 1995). SWSTAT uses a conditional-probability adjustment in which only nonzero flows are included in the log-Pearson Type III frequency fit (Interagency Advisory Committee on Water Data, 1982). The frequency fit is then adjusted downward based on the number of years with one or more zero-flow days. Zero-flow observations at low-flow partial-record (LFPR) sites are accounted for in manual computations using hydrologic comparison and judgment (Thomas and Stedinger, 1991).

Zero-flow observations are accomodated in the flow-duration and low-flow frequency (LFFD) computer program for Tennessee using logistic equations that compute the probability of a zero-flow occurrence for a given streamflow characteristic at a site of interest (Ludwig and Tasker, 1993; Helsel and Hirsch, 2002). For each gage, the number of days with zero flow is computed, and a logistic regression is performed. The logistic regression is based on the observed probability of zero flow at the site and applies to the 7Q10, 30Q5, and 99.5- to 10-percent flow durations. Logistic regression was not applied to the mean-annual and mean-summer flows because no zero flows were observed in the streamflow data for those streamflow characteristics. The resulting equations are:

$$z,7Q10 = 5.73545 - 1.52553(\log DA) - 3.42930(\log GF), \quad (3)$$

$$z,30Q5 = 6.34833 - 1.56109(\log DA) - 4.46114(\log GF), \text{ and} \quad (4)$$

$$z,\text{duration} = 0.73705 - 1.53054(\log DA) - 1.64762(\log GF), \quad (5)$$

where

z is the odds ratio of obtaining a zero flow for the streamflow characteristic of interest,
DA is the drainage area of the site, and
GF is the area-weighted geology factor of the site.

The odds ratio (z) is used to estimate the probability (P) of a zero flow for a given streamflow characteristic as follows:

$$P = \exp(z)/[1+\exp(z)], \quad (6)$$

where

z is defined in eqs. 3, 4, and 5.

For stream sites anywhere in the study area, zero-flow screening is omitted for drainage areas greater than 2.5 mi^2 with geology factors greater than 60. For sites in the West region, zero-flow screening is omitted for drainage areas greater than 50 mi^2 with geology factors greater than 40. For sites in the Central+East region, zero-flow screening is omitted for drainage areas greater than 100 mi^2 with geology factors greater than 40. In any case, if the basin does not meet the second condition (GF), the region-of-influence method and applicable regional regression equation are used to estimate nonzero-streamflow characteristics. A zero flow or nonzero flow is assigned to a given streamflow characteristic if:

$P,7Q10 \geq 0.10$ (apply zero flow);
$P,7Q10 < 0.10$ (compute nonzero flow);
$P,30Q5 \geq 0.20$ (apply zero flow);
$P,30Q5 < 0.20$ (compute nonzero flow);
$P,99.5 \geq 0.005$ (apply zero flow);
$P,99.5 < 0.005$ (compute nonzero flow);
$P,99 \geq 0.01$ (apply zero flow);
$P,99 < 0.01$ (compute nonzero flow);
$P,98 \geq 0.02$ (apply zero flow);
$P,98 < 0.02$ (compute nonzero flow);
$P,95 \geq 0.05$ (apply zero flow);
$P,95 < 0.05$ (compute nonzero flow);
$P,90 \geq 0.10$ (apply zero flow);

P,90 < 0.10 (compute nonzero flow);
P,80 ≥ 0.20 (apply zero flow);
P,80 < 0.20 (compute nonzero flow);
P,70 ≥ 0.30 (apply zero flow);
P,70 < 0.30 (compute nonzero flow);
P,60 ≥ 0.40 (apply zero flow);
P,60 < 0.40 (compute nonzero flow);
P,50 ≥ 0.50 (apply zero flow);
P,50 < 0.50 (compute nonzero flow);
P,40 ≥ 0.60 (apply zero flow);
P,40 < 0.60 (compute nonzero flow);
P,30 ≥ 0.70 (apply zero flow);
P,30 < 0.70 (compute nonzero flow);
P,20 ≥ 0.80 (apply zero flow);
P,20 < 0.80 (compute nonzero flow);
P,10 ≥ 0.90 (apply zero flow);
P,10 < 0.90 (compute nonzero flow);

where

P,(stat) is the calculated probability of zero flow for a given streamflow characteristic *(stat)*.

Region-of-Influence Method

The region-of-influence (ROI) method computes unique estimation equations for a site of interest by using streamflow and basin characteristics from a group of similar gaged sites selected from all the gaged sites in the same region (fig. 1; Appendix A). This group of sites, selected for similarity to the site of interest, is called the "region-of-influence" (Acreman and Wiltshire, 1987; Burn, 1990a,b). The similarity of a gaged site (i) to the site of interest (j) is based on basin characteristics rather than geographic distance. The mathematical formula for the similarity between sites i and j is defined by the Euclidean distance metric:

$$d_{ij} = \left[\sum_{k=1}^{p} \left\{ \left(x_{ik} - x_{jk} \right) / \mathrm{sd}\left(X_k \right) \right\}^2 \right]^{1/2}, \qquad (7)$$

where

d_{ij} is the Euclidian distance between sites i and j in terms of basin characteristics,
p is the number of basin characteristics used to calculate d_{ij},
x_{ik} is the value of X_k at the ith site,
X_k is the kth basin characteristic, and
$\mathrm{sd}(X_k)$ is the sample standard deviation for X_k.

An important distinction exists between the two sets of basin characteristics. The first set is used to define a region-of-influence for a site of interest; the second set serves as explanatory variables in the predictive equations that are developed for the site. These two sets of basin characteristics may or may not be identical. In this study, the set of basin characteristics used to define the region-of-influence (*DA*, *GF*, and *CF*) is different from the set of characteristics (*DA*, *GF*, and *SF*) used to estimate streamflow characteristics at the site of interest.

Using *DA*, *GF*, and *CF*, the Euclidian distances or dissimilarities (d_{ij}) between a given site of interest and all the gaged sites are computed and ranked. The group of gaging stations (N) with the smallest d_{ij} composes the region-of-influence for the site of interest. Once the region-of-influence is determined, multivariable ordinary-least-squares regression is used to develop the predictive relations between the streamflow characteristic and the basin characteristics *DA*, *GF*, and *SF*, and estimates of the streamflow characteristics at the site of interest are computed.

The number (p) and identity of basin characteristics that are used to compute d_{ij} and the N gaged sites that compose the region-of-influence are specific to a given set of streamflow and basin characteristics. In addition to p and N, a set of basin characteristics also must be chosen for use as explanatory variables in the least-squares regression equations.

The number of gaging stations (N) and the basin characteristics that are used to define the region-of-influence for unregulated sites in Tennessee were selected by a computer program that computes prediction error for various combinations of N and basin characteristics. A measure of the quality of a regression equation is the prediction-error sum of squares (*PRESS*) statistic (Helsel and Hirsch, 2002). *PRESS* is an estimator of uncertainty in a regression model. The *PRESS* statistic uses N–1 observations to develop the equation, then estimates the value of the observation left out. The *PRESS* statistic then changes the observation left out, and repeats the process for each observation. The prediction errors are squared and summed. Minimizing *PRESS* means that the regression equation produces the least error when making new predictions.

The *PRESS* statistic was used to determine the quality of the region-of-influence estimates. Various combinations of N (20 to 70 by increments of 5) and basin characteristics (*DA*, *GF*, *CF*, *SF*, *SP*) were compared to select the optimal number for inclusion in the ROI method as implemented in the LFFD computer program for Tennessee. For a given site of interest, the ROI method compares basin characteristics for 124 sites in the West region or 891 sites in the Central+East region and selects 45 sites having basin characteristics closest in similarity to the site of interest.

The accuracy of a streamflow-characteristic estimate, in equivalent years of record, is calculated by using its mean standard deviation from the sites in the LFFD dataset. For the 7Q10 and 30Q5 low-flow frequencies, mean standard deviations are computed from individual site standard deviations derived from daily-mean discharges at continuous-record sites and instantaneous discharge measurements (QM) at LFPR sites. The individual site low-flow frequency standard deviations are included in the LFFD computer program data input files. For the flow-duration, mean-annual flow, and mean-summer flow estimates, the mean standard deviations are computed from regression equations (table 3) based on data

from 317 continuous-record gages having at least 10 years of record. The mean standard-deviation estimation equations for mean annual flow, mean summer flow, and flow durations are included in the LFFD computer program for Tennessee.

Equivalent years of record for a streamflow characteristic at a site of interest (EY_i), are estimated with the equation:

$$EY_i = b * asig_i^2 / sep_i^2, \quad (8)$$

where

b is a constant that is equal to 1.8211 for the 7Q10; 1.3542 for the 30Q5; 1.0 for the mean summer and mean annual flows, and 1.57076 for each flow-duration characteristic;

$asig_i$ is the observed or estimated mean standard deviation for the streamflow characteristic from the region-of-influence sites; and

sep_i is the standard error of prediction for a streamflow characteristic at a site of interest from OLS regression applied to the region-of-influence sites.

The flow-duration characteristics apply to the entire period of record and are approximately equal to the median of the annual duration points. The formula for the standard error of the median (SE_m), assuming normality, is given by Stuart and Ord (1987):

$$SE_m = (1.2533\ \sigma) / (n)^{1/2}, \quad (9)$$

where

σ is the standard deviation of the annual observations of a streamflow characteristic, and

n is the equivalent years of record.

Regional Regression Equations

Multivariable ordinary-least-squares regional regression equations are the standard method for estimating streamflow characteristics and were first applied to low-flow characteristics of Tennessee streams by May and others (1970) and Bingham (1985, 1986a,b). A regional regression equation is used throughout a region to estimate a given streamflow characteristic. To evaluate the consistency of the region-of-influence (ROI) method with previous methods, new regional regression equations were developed for Tennessee using the same general form of the equations as in the past but using the regions, streamflow records, and descriptive basin characteristics used for the ROI analysis.

Bingham (1986a) established two regions in Tennessee for the development of low-flow frequency estimation equations. The regions established by Bingham (1986a) are the West region and Central+East region of Tennessee and are generally separated by the Tennessee River as it flows south to north from Hardin County to Stewart County. The new West-region equations (table 4) were developed using streamflow and basin characteristics from 124 data sites. The new Central+East-region equations (table 5) were developed using streamflow and basin characteristics from 891 data sites. Both sets of equations include statistically significant ($\alpha = 0.95$) explanatory variables selected from *DA*, *GF*, *CF*, *SP*, and *SF*.

Table 3. Mean standard-deviation estimation equations for mean annual flow, mean summer flow, and flow durations at short-term gages and low-flow partial-record sites.

[See tables 1 and 2 for explanation of terms]

Streamflow characteristic	Mean standard-deviation estimation equation
West region	
MA	$1.0015 - 1.760(\log CF) - 0.072(\log GF)$
MS	$1.5387 - 2.500(\log CF) - 0.156(\log GF)$
q99.5	$0.7030 - 0.056(\log DA) - 0.194(\log GF)$
q99	$0.5983 - 0.206(\log GF)$
q98	$0.5958 - 0.206(\log GF)$
q95	$0.5626 - 0.191(\log GF)$
q90	$0.5360 - 0.179(\log GF)$
q80	$0.4741 - 0.151(\log GF)$
q70	$0.4410 - 0.134(\log GF)$
q60	$0.4352 - 0.128(\log GF)$
q50	$0.4270 - 0.119(\log GF)$
q40	$0.4173 - 0.110(\log GF)$
q30	$0.3068 - 0.097(\log GF) + 0.040(\log DA)$
q20	$1.3412 - 0.063(\log GF) + 0.038(\log DA) - 2.90(\log CF)$
q10	$2.0610 - 4.800(\log CF)$
Central+East region	
MA	$0.0220 - 0.0457(\log GF) + 0.561(\log CF)$
MS	$0.6005 - 0.2720(\log GF) + 0.530(\log CF) - 0.0111(\log DA)$
q99.5	$0.6154 - 0.0156(\log DA) - 0.211(\log GF)$
q99	$0.5580 - 0.2010(\log GF)$
q98	$0.5502 - 0.1980(\log GF)$
q95	$0.5619 - 0.2050(\log GF)$
q90	$0.5760 - 0.2100(\log GF)$
q80	$0.5891 - 0.2130(\log GF)$
q70	$0.5847 - 0.2090(\log GF)$
q60	$0.4526 - 0.2020(\log GF) + 0.340(\log CF)$
q50	$0.3248 - 0.1671(\log GF) + 0.480(\log CF)$
q40	$0.1683 - 0.1131(\log GF) + 0.580(\log CF)$
q30	$0.0352 - 0.0818(\log GF) + 0.750(\log CF)$
q20	$-0.0178 - 0.0610(\log GF) + 0.770(\log CF)$
q10	$-0.0400 - 0.0485(\log GF) + 0.770(\log CF)$

Table 4. Regional regression equations for the West region of Tennessee.

[See tables 1 and 2 for explanation of terms]

Streamflow characteristic	Regional regression equation
7Q10	$-6.5090 + 1.1490(\log DA) + 0.5950(\log(GF-30)) + 2.1800(\log SF)$
30Q5	$-5.0830 + 1.1080(\log DA) + 0.5430(\log(GF-30)) + 1.5700(\log SF)$
MA	$-0.9615 + 1.0052(\log DA) + 0.0233(\log(GF-30)) + 2.0400(\log CF) + 0.1560(\log SF)$
MS	$-2.0017 + 1.0600(\log DA) + 0.1130(\log(GF-30)) + 0.7800(\log SF)$
q99.5	$-6.5290 + 1.1520(\log DA) + 0.5950(\log(GF-30)) + 2.1700(\log SF)$
q99	$-5.9000 + 1.1340(\log DA) + 0.5710(\log(GF-30)) + 1.9000(\log SF)$
q98	$-5.4330 + 1.1200(\log DA) + 0.5560(\log(GF-30)) + 1.7000(\log SF)$
q95	$-4.9590 + 1.1040(\log DA) + 0.5470(\log(GF-30)) + 1.5100(\log SF)$
q90	$-4.5262 + 1.0930(\log DA) + 0.5390(\log(GF-30)) + 1.3300(\log SF)$
q80	$-4.0625 + 1.0880(\log DA) + 0.5070(\log(GF-30)) + 1.1800(\log SF)$
q70	$-3.4450 + 1.0780(\log DA) + 0.4880(\log(GF-30)) + 0.9300(\log SF)$
q60	$-4.4100 + 1.0870(\log DA) + 0.3910(\log(GF-30)) + 7.2000(\log CF) + 0.9100(\log SP)$
q50	$-1.4200 + 1.0740(\log DA) + 0.3490(\log(GF-30)) + 0.7900(\log SP)$
q40	$-3.6500 + 1.0640(\log DA) + 0.2750(\log(GF-30)) + 6.8000(\log CF) + 0.6200(\log SP)$
q30	$-3.5107 + 1.0310(\log DA) + 0.2470(\log(GF-30)) + 7.7000(\log CF)$
q20	$-2.5300 + 1.0270(\log DA) + 0.0920(\log(GF-30)) + 6.6000(\log CF)$
q10	$+0.3266 + 1.0340(\log DA) + 0.0540(\log(GF-30))$

Table 5. Regional regression equations for the Central+East region of Tennessee.

[See tables 1 and 2 for explanation of terms]

Streamflow characteristic	Regional regression equation
7Q10	$-2.5017 + 1.0360(\log DA) + 1.0660(\log(GF-30)) - 2.6700(\log CF) + 0.2740(\log SP) + 0.2760(\log SF)$
30Q5	$-1.9755 + 1.0310(\log DA) + 0.8700(\log(GF-30)) - 2.3200(\log CF) + 0.2990(\log SP) + 0.1950(\log SF)$
MA	$-0.7733 + 1.0142(\log DA) + 2.5400(\log CF) + 0.1650(\log SP)$
MS	$+0.1420 + 1.0448(\log DA) + 0.2120(\log(GF-30)) - 2.1400(\log CF) + 0.2320(\log SP)$
q99.5	$-2.6200 + 1.0360(\log DA) + 1.0490(\log(GF-30)) - 2.2600(\log CF) + 0.2780(\log SP) + 0.2660(\log SF)$
q99	$-2.3088 + 1.0360(\log DA) + 0.9800(\log(GF-30)) - 2.4200(\log CF) + 0.2560(\log SP) + 0.2240(\log SF)$
q98	$-2.1383 + 1.0350(\log DA) + 0.9180(\log(GF-30)) - 2.3600(\log CF) + 0.2660(\log SP) + 0.2130(\log SF)$
q95	$-1.8705 + 1.0400(\log DA) + 0.8290(\log(GF-30)) - 2.2300(\log CF) + 0.3030(\log SP) + 0.1660(\log SF)$
q90	$-1.6084 + 1.0450(\log DA) + 0.7270(\log(GF-30)) - 2.0500(\log CF) + 0.3390(\log SP) + 0.1300(\log SF)$
q80	$-0.9644 + 1.0510(\log DA) + 0.5810(\log(GF-30)) - 2.1200(\log CF) + 0.3360(\log SP)$
q70	$-0.6203 + 1.0530(\log DA) + 0.4420(\log(GF-30)) - 2.0400(\log CF) + 0.3310(\log SP)$
q60	$-0.3668 + 1.0510(\log DA) + 0.3190(\log(GF-30)) - 1.7600(\log CF) + 0.3140(\log SP)$
q50	$-0.2626 + 1.0477(\log DA) + 0.2110(\log(GF-30)) - 1.0800(\log CF) + 0.2820(\log SP)$
q40	$-0.3341 + 1.0394(\log DA) + 0.1230(\log(GF-30)) + 0.2720(\log SP)$
q30	$-0.3031 + 1.0274(\log DA) + 0.0671(\log(GF-30)) + 0.8600(\log CF) + 0.2430(\log SP) - 0.0390(\log SF)$
q20	$-0.1389 + 1.0145(\log DA) + 1.2900(\log CF) + 0.2060(\log SP) - 0.0480(\log SF)$
q10	$-0.0624 + 1.0131(\log DA) - 0.0364(\log(GF-30)) + 1.9600(\log CF) + 0.1410(\log SP) - 0.0610(\log SF)$

Comparison of Estimation by Different Methods

The relative accuracy of the ROI method and the regional regression (RRE) equations was evaluated using the deleted-residual standard error ($S_{(-)}$). $S_{(-)}$ for a regression method is the square root of the average prediction error sum of squares, $(PRESS \div N)^{1/2}$, where N is the number of residuals summed to produce the *PRESS* statistic. $S_{(-)}$ is used to compare the predictive ability of regression methods with differing degrees of freedom. The deleted-residual standard error for a regression method in percent ($\%S_{(-)}$) is computed as follows:

$$\%S_{(-)} = 100((e^{5.3026(PRESS \div N)} - 1)^{1/2}). \qquad (10)$$

The *PRESS* statistic was previously described in the "Region-of-Influence Method" section of this report. Comparison of the $\%S_{(-)}$ values indicates that, overall, the ROI method is similar in accuracy to the RRE equations in the West region and substantially more accurate in the Central+East region (table 6). The number of sites is much less in the West region than in the Central+East region. Moreover, the degree of regional variation is less in the West region, so the advantages of a sliding "region" with N equal to 45 are reduced. The total variation encompassed by 840 sites in the larger Central+East region of the State is more than the variation encompassed by 140 sites in the West region of the State, so region-of-influence groupings may be more important and significant in the Central+East region.

Application of Estimation Methods

Suggested procedures for obtaining low-flow frequencies and flow durations at sites of interest on unregulated streams and rivers in Tennessee are as follows.

- Determine the latitude (*LAT*) and longitude (*LNG*), in degrees, minutes, and seconds, of the site of interest.
- Be aware of the suggested and required ranges for basin characteristics input to the low-flow and flow-duration computer program (table 7).
- Go to the World Wide Web at http://water.usgs.gov/osw/streamstats/index.html and determine basin characteristics *DA*, *GF, CF*, *SP,* and *SF* at the site of interest using StreamStats, or manually if justified.
- Use either StreamStats or the stand-alone version of the low-flow frequency and flow-duration computer program (TDECv301) to compute streamflow statistics. Detailed instructions for the use of TDECv301 are given in Appendix B.

Table 6. Deleted-residual standard errors for the region-of-influence method and regional regression equations applied to the West region and Central+East region of Tennessee.

[Number of sites in the region-of-influence for both regions is 45; number of sites in West region is 124; number of sites in Central+East region is 891; Stat, streamflow characteristics, defined in table 1; $\%S_{(-)}$, deleted-residual standard error in percent; ROI, region-of-influence method; RRE, regional-regression equations; ROI CHANGE, the percent error change when comparing the ROI method to the RRE equations]

West Tennessee region			
Stat	ROI $\%S_{(-)}$	RRE $\%S_{(-)}$	ROI change (percent)
7Q10	124.8	123.0	–1.53
30Q5	94.4	93.5	–.87
MA	12.6	13.1	+3.85
MS	38.5	38.3	–.50
q99.5	122.6	121.5	–.93
q99	105.7	104.7	–.90
q98	97.5	96.4	–1.15
q95	91.4	90.5	–1.00
q90	86.5	85.8	–.86
q80	80.8	79.6	–1.43
q70	75.9	75.0	–1.19
q60	70.0	69.2	–1.25
q50	58.2	57.0	–2.17
q40	47.9	46.9	–2.12
q30	36.9	36.6	–.90
q20	27.2	27.4	+.61
q10	17.8	17.7	–.70
Average			–.77

Central+East Tennessee region			
Stat	ROI $\%S_{(-)}$	RRE $\%S_{(-)}$	ROI change (percent)
7Q10	84.6	89.0	+4.90
30Q5	67.7	70.2	+3.55
MA	22.3	25.6	+12.84
MS	37.1	43.1	+13.90
q99.5	83.4	86.4	+3.52
q99	74.9	78.0	+3.97
q98	69.4	72.2	+3.79
q95	63.9	66.3	+3.62
q90	57.6	60.2	+4.82
q80	50.1	54.0	+7.25
q70	45.9	50.7	+9.54
q60	43.5	48.7	+10.58
q50	37.8	42.9	+11.82
q40	32.1	36.1	+11.14
q30	25.6	28.3	+9.52
q20	22.3	23.3	+4.30
q10	19.8	20.8	+4.56
Average			+7.24

Table 7. Suggested and required regional ranges for basin characteristic inputs to the low-flow frequency and flow-duration computer program for Tennessee.

[See table 2 for description of basin characteristics]

Basin characteristic	West-region ranges		Central+East-region ranges	
	Lower	Upper	Lower	Upper
Suggested ranges				
DA	2.00	2,405	1.30	14,441
Required ranges				
GF	32	350	32	175
CF	2.307	2.455	2.056	2.460
SP	.97	2.44	.45	9.72
SF	2	98	2	100
Basin characteristic units				
DA	square miles, mi^2			
GF	days per log cycle of declining baseflow			
CF	dimensionless			
SP	inches per hour, in/hr			
SF	percent			

The low-flow frequency and flow-duration computer program can be applied to ungaged sites or continuous-record gages. Equivalent years of record for the regression estimate is weighted by the number of years of record at the gage to improve the accuracy of streamflow characteristics at the gage. Equivalent years of record is the number of years of gage record at a site needed to achieve an estimate of equal accuracy to the regression estimate. However, the equivalent years of record for regression estimates at a gage is usually small in comparison to the years of observed streamflow record at the gage, making the adjustment small in most cases.

Several points to consider when estimating flow durations, mean annual and mean summer flows, and low-flow frequencies of rivers and streams in Tennessee are as follows.

- Determine that the stream or river is not regulated by large dams and reservoirs. If regulated by large dams and reservoirs, streamflow-characteristic estimation methods presented in this report should not be used to make estimates of current conditions.
- Search for streamgage information at the site of interest. If present, this information should be weighted with the regression estimates.
- Search for streamgage information for nearby gages on the same stream. If present, this information should be combined with the regression estimate using the methods presented in this section.

Streamflow characteristic estimates suitable for design purposes at gaged sites can best be determined by a combined use of gaging-station data and regression estimates. The suggested procedure is to compute the desired streamflow characteristic by weighting the regression estimate with the gage estimate. The weighted value is based on the years of record at a continuous-record gage or LFPR site and the equivalent years of record for the regression estimate for the gaged site. The years of record at a gaged site and the equivalent years of record for the regression estimate at the gaged sites in Tennessee (Appendix A) are combined to compute the weighted streamflow value at the gaged site (eq. 11).

$$Q_t(w) = (Q_t(g)YR + Q_t(r)EY) \div (YR + EY), \qquad (11)$$

where

$Q_t(w)$ is the weighted discharge at the gaging station or LFPR site for a given streamflow characteristic;

$Q_t(g)$ is the streamflow characteristic determined from the streamflow record at the gaging station or LFPR site;

YR is the number of years of record at the gaging station or the number of years that discharge measurements were made at an LFPR site (appendix table A2);

$Q_t(r)$ is the streamflow characteristic determined using the region-of-influence method at the gaging station or LFPR site; and

EY is the equivalent years of record for the regression estimate (see Appendix A if at a gaging station or LFPR site), or the computer-program (TDECv301) output (see examples provided in Appendix C).

Streamflow-characteristic estimates at an ungaged site that is on the same stream as a gaging station or LFPR site can be determined by using a combination of the regression estimate for the ungaged site and the station estimate for the nearby gaging station or LFPR site. In order to make the appropriate adjustment, first compute the ratio

$$R = Q_t(w) \div Q_t(r) \qquad (12)$$

for the gaged site or LFPR site by using $Q_t(w)$ and $Q_t(r)$ as defined for equation 11. Next, a correction factor, R', is computed as follows:

$$R' = R - (\Delta DA(R-1) \div 0.5DA_g), \qquad (13)$$

where

ΔDA is the absolute value of the difference between the total drainage areas of the gaging station or LFPR site and the ungaged site, and

DA_g is the total drainage area of the gaging station or LFPR site.

If $\Delta DA \div DA_g$ is less than 0.5, then the corrected discharge for the ungaged site, Q_t(corr), can be computed by multiplying the correction factor, R', by the regression estimate for the ungaged site ($Q_t(r)$) determined by the region-of-influence method. If $\Delta DA \div DA_g$ is greater than 0.5, or no streamflow data are available, then use the regression estimates from the computer program without correction.

At times, streamflow-characteristic estimates may be needed for an ungaged site that is between two gaging stations, two LFPR sites, or a gaging station and LFPR site on the same stream. In these cases, select the gaging station or LFPR site for which $\Delta DA \div DA_g$ is less than 0.5, compute R', and apply as described in the previous paragraph. If $\Delta DA \div DA_g$ is less than 0.5 for the gaging station and the LFPR site, compute R' for each. If both correction factors are greater than 1.0, use the larger R'; if both correction factors are less than 1.0, use the smaller R'. If one correction factor is greater than 1.0 and the other smaller than 1.0, an average of the two correction factors should be used.

Summary and Conclusions

Streamflow characteristics of unregulated rivers and streams are used by Federal, State, regional, and local agencies for a variety of purposes. Streamflow information is required for the design and day-to-day operations of river-basin management districts, water-supply facilities, wastewater-treatment plants, and environmental planning and regulatory activities. Water-resources managers, engineers, and scientists often are called upon to estimate flow-duration, mean annual flow, mean summer flow, and low-flow frequency characteristics of unregulated rivers and streams. Commonly, the streamflow characteristics are needed at sites where streamflow has not been measured. For these sites, streamflow characteristics must be estimated using regional-regression methods or discharge measurements collected during a selected period.

A low flow and flow duration (LFFD) computer program that uses the region-of-influence (ROI) method and regional-regression (RRE) equations to estimate low-flow frequency characteristics, mean annual flow, mean summer flow, and flow-duration characteristics of unregulated rivers and streams in Tennessee has been developed by the U.S. Geological Survey, in cooperation with the Tennessee Department of Environment and Conservation. The LFFD computer program provides estimates of the 7-consecutive-day, 10-year recurrence-interval and 30-consecutive-day, 5-year recurrence-interval low-flow frequencies, mean-annual and mean-summer flows, and the 99.5-, 99-, 98-, 95-, 90-, 80-, 70-, 60-, 50-, 40-, 30-, 20-, and 10-percent flow durations for a site of interest. The LFFD computer program includes zero-flow probability screening and adjustment procedures for these streamflow characteristics. Methods for weighting regression estimates with gaging-station and low-flow partial-record site estimates are provided. The computer program was developed using hydrologic and basin characteristics from 1,224 sites in and near a two-region study area.

Zero-flow observations are included in the LFFD computer program for Tennessee using logistic equations that compute the probability of a zero-flow occurrence for a given streamflow characteristic at a site of interest. The logistic equations were computed using data from 102 continuous-record streamgages with at least 10 years of record, a drainage area less than 320 square miles (mi^2), and a geology factor less than or equal to 65. The zero-flow adjustment procedure is applied in the West region of Tennessee if drainage area is less than 50 mi^2 and geology factor is less than 40 or if drainage area is less than 2.5 mi^2 and geology factor is less than 60. The low-flow adjustment procedure is applied in the Central+East region of Tennessee if drainage area is less than 100 and geology factor is less than 40 or if drainage area is less than 2.5 and geology factor is less than 60. If the zero-flow probability and conditions for a given streamflow site and characteristic are not met, then the region-of-influence method and applicable regional regression equation are used to estimate the nonzero-streamflow characteristic.

The ROI method calculates unique multivariable regression equations for a site of interest using the flow and basin characteristics of 45 similar streamflow-data sites selected from the same region. These 45 sites are selected using a metric that measures similarity between the site of interest and the streamflow-data sites based on total drainage area, geology factor, and climate factor. The ROI method estimates streamflow characteristics using total drainage area, geology factor, and a soil factor as explanatory variables.

The RRE equations were computed using multivariable regression analysis. The two regions used for this study are separated by the Tennessee River as it flows south to north from Hardin County to Stewart County. The West region west of the Tennessee River uses data from 124 of the 1,224 streamflow sites, and the Central+East region uses data from 893 of the 1,224 streamflow sites. The study area also includes parts of the adjacent States of Georgia, North Carolina, Virginia, Alabama, Kentucky, and Mississippi. Total drainage area, a geology factor, a climate factor, and two soil factors are basin characteristics used as explanatory variables in the RRE equations. Average deleted-residual prediction errors for the West-region RRE equations were 18 and 123 percent for the 10-percent flow duration and 7-consecutive-day, 10-year recurrence-interval low flow, respectively. Average deleted-residual prediction errors for RRE equations were 21 and 89 percent for the same respective flow quantiles in the Central+East region.

Average deleted-residual prediction errors for the West-region ROI equations were 18 and 125 percent for the 10-percent duration and 7-consecutive-day, 10-year recurrence-interval low flow, respectively. Average deleted-residual prediction errors for ROI equations were 20 and 85 percent for the same respective flow quantiles in the Central+East region. In general, when compared to the RRE equations, the ROI method performs similarly in the West region and reduces prediction errors by an average of about 7 percent in the Central+East region of Tennessee.

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Appendixes A–C

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C. Description of output from the stand-alone version of the low-flow frequency and flow-duration computer program (TDECv301) for Tennessee 203

Appendix A. Basin and Streamflow Characteristics for Sites in This Report

Basin and streamflow characteristics for sites given in this report are presented in this appendix. This appendix contains three tables containing selected groupings of sites. The first table (table A1) presents basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee. The second table (table A2) presents basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee. The third table in this appendix (table A3) presents basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.

Abbreviations used in tables A1–A3

DA	Drainage area in square miles, includes noncontributing areas in a watershed
GIS	Geographic information system
GIS.CF	GIS-computed climate factor having a 2-year recurrence interval, dimensionless
GIS.DA	GIS-computed drainage area in square miles, includes noncontributing areas
GIS.GF	GIS-computed geology factor in days per log-cycle of declining baseflow, a watershed-weighted value
GIS.SF	GIS-computed soil factor, percentage of area underlain by a soil permeability greater than or equal to 2 inches per hour
GIS.SP	GIS-computed soil permeability in inches per hour, a watershed-weighted value
LAT	Latitude
LNG	Longitude
MA	Mean annual streamflow, October through September
MNO	Map number of gaged site on Plate 1
MS	Mean summer streamflow, June through August
STANAM	Station name of a gaged site
STANO	Station number of a gaged site
YR	Years of streamflow record
7Q10	Lowest 7-day average flow with a 10-percent probability of occurring in any given year
30Q5	Lowest 30-day average flow with a 20-percent probability of occurring in any given year

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region													
36	03407908	36°20′10″	84°27′06″	NEW RIVER AT CORDELL (1, 2)								198	199	32	2.235	62	3.48	10
	3.79	10.5	418	166	3.16	4.62	6.32	9.88	17.6	38.2	67.3	111	170	241	335	523	1030
	0.73	3.21	362	138	0.74	1.29	2.17	4.31	8.80	20.9	42.2	78.0	133	209	304	467	847
	0.81	2.27	341	96.5	0.82	1.15	1.65	2.83	5.15	11.7	25.1	50.1	96.3	173	275	466	806
	0.85	*1.20*	*10.6*	*13.0*	*0.34*	*0.40*	*0.46*	*0.59*	*0.97*	*1.95*	*3.25*	*5.38*	*7.64*	*7.80*	*10.1*	*9.63*	*10.5*
37	03408000	36°23′03″	84°31′43″	NEW RIVER NEAR NEW RIVER (1, 2)								314	314	32	2.234	57	3.62	12
	0.83	3.20	622	234	1.20	1.61	2.47	4.86	10.3	26.5	61.4	121	218	347	507	793	1440
	0.96	4.49	573	217	0.96	1.72	2.98	6.13	13.0	31.6	66.1	125	214	335	487	744	1348
	1.29	3.63	547	158	1.31	1.84	2.64	4.55	8.35	19.2	41.2	82.1	158	282	446	750	1294
	1.00	*1.37*	*10.9*	*13.5*	*0.40*	*0.47*	*0.53*	*0.68*	*1.13*	*2.26*	*3.69*	*5.88*	*7.97*	*7.73*	*9.75*	*9.49*	*10.5*
38	03408500	36°23′08″	84°33′17″	NEW RIVER AT NEW RIVER (1)								382	383	32	2.234	56	3.67	61
	0.59	4.22	724	262	0.52	1.04	2.37	6.99	17.3	42.1	81.4	145	255	410	606	938	1669
	1.43	6.32	696	263	1.40	2.44	4.19	8.56	17.5	41.5	84.9	157	268	414	599	908	1636
	1.59	4.46	670	194	1.60	2.26	3.24	5.60	10.3	23.7	51.0	102	195	348	549	920	1586
	1.16	*1.57*	*12.6*	*15.9*	*0.44*	*0.53*	*0.59*	*0.76*	*1.28*	*2.59*	*4.23*	*6.58*	*8.70*	*8.15*	*10.2*	*9.71*	*10.8*
39	03409500	36°23′18″	84°37′49″	CLEAR FORK NEAR ROBBINS (1, 2)								272	272	34	2.233	33	3.31	60
	1.59	4.76	469	159	2.03	2.87	3.77	6.16	10.8	24.2	46.2	87.7	156	255	390	610	1101
	1.22	3.56	486	164	1.28	1.81	2.62	4.97	9.37	22.8	46.8	92.1	168	273	413	636	1141
	1.96	5.01	466	154	1.97	2.70	3.74	6.19	10.8	23.9	46.7	85.7	153	258	403	654	1114
	1.02	*1.40*	*11.5*	*14.0*	*0.40*	*0.47*	*0.53*	*0.67*	*1.11*	*2.25*	*3.73*	*6.10*	*8.48*	*8.19*	*10.4*	*9.96*	*10.9*
45	03414500	36°24′58″	85°01′35″	E FORK OBEY R NR JAMESTOWN (1, 2)								202	201	44	2.262	34	2.95	50
	5.27	8.42	414	123	5.49	6.17	7.43	10.5	14.9	25.0	44.4	85.4	155	247	360	550	979
	3.89	6.63	349	112	4.01	4.50	5.45	8.20	11.8	21.3	36.0	62.4	111	189	290	450	798
	5.16	10.3	348	139	5.09	6.41	8.19	12.1	18.4	33.9	55.6	87.9	139	214	316	478	790
	1.08	*1.40*	*7.18*	*7.60*	*0.49*	*0.51*	*0.53*	*0.66*	*0.83*	*1.10*	*1.37*	*1.71*	*5.42*	*5.63*	*7.08*	*7.52*	*8.48*
46	03415000	36°23′49″	85°10′28″	W FORK OBEY RIVER NR ALPINE (1, 2)								114	115	51	2.268	54	2.09	29
	3.09	4.50	156	49.9	3.24	3.50	4.01	4.93	6.35	10.2	16.2	27.1	46.5	79.5	131	207	364
	3.65	6.06	191	72.0	3.59	4.23	5.22	6.97	9.47	15.2	23.7	37.5	66.5	104	157	246	436
	4.57	8.11	188	77.6	4.46	5.40	6.67	9.15	13.0	21.1	32.8	49.7	76.4	115	166	248	412
	0.76	*0.92*	*5.02*	*6.34*	*0.48*	*0.48*	*0.50*	*0.58*	*0.69*	*0.89*	*1.10*	*1.38*	*3.53*	*3.25*	*5.09*	*7.10*	*7.40*
47	03415500	36°32′09″	85°10′13″	OBEY RIVER NEAR BYRDSTOWN (1)								445	445	50	2.264	47	2.36	24
	13.6	21.1	745	307	13.6	15.4	17.8	24.0	34.0	59.0	102	177	298	456	661	999	1765
	14.6	23.1	722	272	14.7	16.7	19.7	27.0	37.7	63.1	101	162	266	425	642	973	1672
	17.6	31.7	752	325	17.2	20.9	26.0	36.4	52.6	88.7	139	211	323	479	685	1006	1658
	1.11	*1.51*	*6.37*	*8.81*	*0.61*	*0.71*	*0.82*	*1.13*	*1.54*	*2.28*	*3.12*	*4.07*	*5.02*	*5.40*	*6.13*	*7.00*	*8.19*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
48	03416000	36°33′37″	85°04′23″	WOLF RIVER NEAR BYRDSTOWN (1, 2)	106	106	52	2.260	50	2.04	48
	5.36	8.11	189	68.1	5.49	6.06	7.16	8.99	12.3	18.4	27.0	43.6	72.4	111	162	243	423
	3.60	5.89	175	67.5	3.60	4.17	5.06	6.78	9.18	14.7	22.8	36.2	62.5	96.9	146	225	395
	4.32	7.62	170	71.8	4.20	5.10	6.28	8.59	12.1	19.8	30.6	46.1	70.3	105	152	226	375
	0.67	*0.81*	*4.91*	*6.50*	*0.51*	*0.50*	*0.52*	*0.59*	*0.70*	*0.87*	*1.07*	*1.34*	*3.50*	*3.21*	*5.23*	*7.01*	*7.06*
49	03417500	36°33′14″	85°30′50″	CUMBERLAND RIVER AT CELINA (1)	7306	7309	41	2.272	61	2.41	20
	154	265	11100	5273	175	208	241	329	483	1070	1870	3087	5020	7530	10600	13800	16900
	284	497	11532	5714	283	345	429	605	890	1615	2600	3994	6028	8623	11744	16446	26631
	181	354	12999	5315	178	224	287	425	656	1186	2032	3303	5346	8204	11648	17133	28695
	1.96	*2.88*	*7.59*	*15.5*	*1.66*	*2.38*	*2.62*	*3.11*	*4.33*	*6.97*	*8.18*	*7.79*	*10.2*	*10.7*	*13.9*	*15.4*	*8.76*
50	03418000	36°20′27″	85°25′35″	ROARING RIVER NEAR HILHAM (1, 2)	78.7	75.1	61	2.276	72	1.56	43
	3.91	5.83	111	48.4	3.50	4.17	4.88	6.20	8.20	13.2	19.5	28.3	42.5	63.4	93.3	145	251
	3.22	4.99	119	47.7	3.12	3.55	4.31	5.68	7.41	11.6	17.2	25.4	44.1	66.5	99.7	152	266
	4.40	7.03	117	49.9	4.25	4.98	5.97	7.71	10.3	15.2	22.4	32.5	48.5	71.1	101	150	250
	0.51	*0.68*	*5.42*	*5.40*	*0.48*	*0.50*	*0.53*	*0.60*	*0.68*	*0.77*	*1.00*	*1.25*	*3.10*	*3.08*	*4.14*	*6.10*	*7.39*
51	03418500	35°53′28″	85°13′05″	CANEY FORK RIVER AT CLIFTY (1, 2)	111	112	32	2.286	11	3.34	18
	0.09	0.26	213	44.4	0.11	0.12	0.15	0.48	1.27	4.66	12.3	29.4	66.2	120	194	297	534
	0.13	0.40	198	48.6	0.14	0.21	0.30	0.60	1.16	3.89	10.3	24.2	51.3	96.6	155	247	465
	0.26	0.84	200	49.9	0.27	0.40	0.59	1.09	2.12	5.98	12.9	25.9	50.8	94.1	164	288	519
	0.80	*1.39*	*8.97*	*4.84*	*0.40*	*0.45*	*0.51*	*0.69*	*0.94*	*1.63*	*2.48*	*3.22*	*3.80*	*3.70*	*5.77*	*5.90*	*8.57*
52	03419000	35°46′00″	85°15′13″	BEE CREEK AT HERBERT (1, 2)	101	101	32	2.288	11	3.72	6
	0.00	0.25	202	47.7	0.00	0.00	0.00	0.50	0.86	4.22	12.4	27.6	56.3	95.6	161	267	481
	0.13	0.38	182	44.7	0.14	0.20	0.29	0.57	1.06	3.53	9.38	22.1	47.0	88.1	142	225	424
	0.24	0.78	185	46.2	0.25	0.37	0.55	1.02	1.99	5.60	12.0	24.2	47.3	87.7	153	267	479
	0.78	*1.32*	*8.51*	*4.85*	*0.36*	*0.41*	*0.46*	*0.62*	*0.90*	*1.61*	*2.45*	*3.19*	*3.72*	*3.66*	*5.71*	*5.90*	*8.62*
53	03420000	35°54′31″	85°28′46″	CALFKILLER R BELOW SPARTA (1, 2)	175	173	61	2.292	53	2.08	30
	17.1	22.3	369	133	16.3	18.1	21.7	25.4	31.8	47.4	68.3	97.2	149	230	338	510	883
	8.35	12.7	285	115	8.22	9.30	11.0	14.3	18.9	28.8	43.4	66.7	108	169	254	383	656
	10.2	16.8	292	126	9.94	11.7	14.1	18.8	25.7	39.7	58.5	84.8	126	183	261	380	627
	0.59	*0.65*	*5.37*	*10.0*	*0.55*	*0.55*	*0.56*	*0.63*	*0.74*	*0.91*	*1.14*	*1.49*	*5.18*	*5.96*	*5.96*	*6.75*	*8.26*
54	03420500	35°40′03″	85°52′55″	BARREN FORK NR TROUSDALE (1)	126	126	138	2.336	37	0.98	25
	37.4	43.1	218	105	32.2	36.4	39.1	43.0	49.6	57.8	65.8	79.7	98.4	130	179	251	411
	30.0	38.9	239	127	27.9	30.8	34.2	40.5	48.4	60.9	74.7	94.7	124	164	221	302	481
	19.4	25.5	195	94.6	18.6	20.7	23.1	27.2	32.3	43.6	54.2	68.7	92.3	125	175	245	413
	1.08	*1.00*	*3.88*	*1.98*	*0.97*	*0.99*	*1.02*	*1.05*	*1.16*	*1.20*	*1.19*	*1.35*	*1.52*	*2.00*	*2.79*	*4.10*	*9.07*
55	03421000	35°42′32″	85°43′46″	COLLINS RIVER NR McMINNVILLE (1)	642	641	77	2.336	46	2.39	77
	65.9	85.1	1180	463	64.0	68.9	75.6	92.4	114	162	233	345	534	774	1090	1620	2660
	81.0	108	1144	491	74.8	83.7	94.8	116	140	191	258	355	504	738	1034	1499	2539
	58.6	90.3	1180	535	57.1	65.4	77.1	101	135	201	281	386	549	780	1089	1522	2481
	1.98	*2.20*	*5.85*	*6.81*	*2.03*	*2.31*	*2.24*	*2.50*	*2.89*	*3.37*	*3.83*	*4.08*	*4.60*	*4.94*	*6.47*	*8.35*	*12.8*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
56	03421500	35°46′39″	85°41′40″	COLLINS RIVER NEAR ROWLAND (1)								755	755	83	2.305	47	2.19	8
	93.3	125	1523	876	91.3	105	118	148	187	280	423	602	845	1120	1500	2050	3381
	105	146	1361	700	97.1	111	127	159	196	274	372	503	697	956	1301	1819	2916
	80.1	120	1326	656	77.6	88.4	103	133	174	255	351	475	661	916	1255	1731	2799
	2.02	*2.00*	*4.09*	*4.13*	*1.80*	*2.02*	*1.85*	*1.89*	*2.09*	*2.33*	*2.54*	*2.66*	*3.10*	*3.28*	*4.24*	*5.81*	*9.68*
57	03423000	36°04′38″	85°31′17″	FALLING WATER R NR COOKEVILLE (1)								67.0	66.3	68	2.287	75	1.67	23
	2.65	4.25	111	40.2	2.01	2.41	3.38	4.63	6.02	9.32	15.3	24.0	37.6	58.2	87.3	136	255
	3.06	4.73	102	43.0	2.93	3.37	4.04	5.28	6.86	10.5	15.5	22.2	39.0	58.7	87.9	133	229
	4.88	7.51	106	46.0	4.71	5.42	6.43	8.15	10.6	15.2	21.7	30.9	45.1	65.2	92.1	134	222
	0.70	*0.74*	*4.16*	*3.91*	*0.74*	*0.68*	*0.67*	*0.68*	*0.76*	*0.87*	*0.97*	*1.10*	*2.64*	*2.50*	*3.28*	*4.22*	*5.63*
58	03424730	36°05′14″	85°54′29″	SMITH FORK AT TEMPERANCE HALL (1, 2)								214	214	44	2.315	36	1.40	11
	10.2	15.5	315	134	11.5	12.4	14.2	18.4	23.2	32.6	49.5	75.3	110	163	235	357	659
	5.27	8.52	377	108	5.32	6.05	7.22	10.1	14.1	24.0	39.5	66.5	115	204	315	484	858
	4.27	8.43	347	119	4.24	5.40	6.86	9.84	14.6	26.7	44.2	71.2	117	186	286	448	789
	0.74	*1.20*	*11.2*	*4.39*	*0.54*	*0.59*	*0.64*	*0.89*	*1.31*	*2.05*	*2.70*	*3.36*	*3.45*	*4.07*	*7.37*	*8.13*	*10.7*
59	03425000	36°14′53″	85°57′19″	CUMBERLAND RIVER AT CARTHAGE (1)								10691	10692	47	2.308	58	2.32	26
	459	690	16633	7437	479	528	604	765	1110	2000	3260	5090	7950	11900	16600	24700	42700
	640	1016	16465	9023	634	742	880	1184	1674	2866	4376	6430	9339	12928	17172	23604	37632
	399	724	19757	8318	393	480	599	858	1274	2177	3518	5443	8494	12720	17834	25569	42697
	1.44	*2.11*	*4.88*	*8.33*	*1.35*	*1.96*	*2.13*	*2.48*	*3.22*	*4.54*	*4.90*	*4.88*	*5.99*	*6.36*	*8.06*	*9.90*	*8.25*
60	03425500	36°10′49″	86°14′29″	SPRING CREEK NEAR LEBANON (1, 2)								35.3	35.2	32	2.314	10	0.57	6
	0.00	0.00	62.0	20.7	0.00	0.00	0.00	0.00	0.11	0.71	2.68	6.75	13.8	23.9	37.9	62.2	138
	0.00	0.16	63.9	17.4	0.00	0.00	0.13	0.21	0.36	1.18	3.22	7.74	16.6	29.3	47.8	77.0	147
	0.00	0.14	47.9	9.68	0.00	0.00	0.11	0.19	0.34	0.96	2.08	4.34	9.11	17.6	33.2	63.4	130
	1.14	*1.96*	*5.64*	*3.98*	*0.47*	*0.53*	*0.63*	*0.80*	*0.96*	*2.12*	*3.16*	*3.05*	*2.82*	*3.08*	*4.49*	*6.93*	*9.47*
61	03426000	36°22′14″	86°37′00″	DRAKES CR AB HENDERSONVILLE (1, 2)								19.2	19.1	46	2.313	67	2.25	6
	0.00	0.11	24.5	4.56	0.00	0.00	0.00	0.20	0.35	0.95	1.77	3.29	5.20	11.4	18.9	31.1	52.6
	0.69	1.19	29.8	11.2	0.66	0.78	0.97	1.36	1.85	2.99	4.53	6.77	10.3	16.0	24.1	37.5	65.6
	0.55	1.02	32.3	10.9	0.54	0.66	0.83	1.14	1.65	2.68	4.32	6.83	11.0	17.5	26.4	41.3	69.9
	0.47	*0.79*	*5.19*	*5.21*	*0.41*	*0.44*	*0.51*	*0.66*	*0.83*	*1.14*	*1.86*	*2.72*	*3.14*	*3.75*	*4.40*	*5.45*	*8.53*
62	03426800	35°49′41″	86°04′36″	E FORK STONES R AT WOODBURY (1)								39.1	39.0	92	2.324	55	2.03	25
	4.70	6.41	66.6	29.5	4.14	4.55	5.32	6.56	8.16	11.5	15.3	20.6	27.9	37.6	52.9	78.9	140
	4.29	5.85	61.7	25.6	4.11	4.55	5.16	6.28	7.63	10.1	13.2	17.6	25.0	35.9	53.8	80.9	136
	4.41	6.40	66.4	29.7	4.26	4.77	5.53	6.85	8.66	11.9	15.9	21.4	29.8	42.1	59.5	84.7	138
	0.68	*0.68*	*1.89*	*2.02*	*0.87*	*0.80*	*0.83*	*0.87*	*0.97*	*1.16*	*1.26*	*1.33*	*1.37*	*1.58*	*2.65*	*4.02*	*6.40*
63	03427000	35°55′39″	86°17′25″	BRADLEY CREEK AT LASCASSAS (1, 2)								37.0	37.4	32	2.321	15	0.63	6
	0.00	0.08	62.4	18.9	0.00	0.00	0.00	0.15	0.23	0.94	2.91	6.31	12.7	22.6	37.5	62.0	130
	0.00	0.18	64.3	16.2	0.00	0.00	0.14	0.23	0.38	1.27	3.33	7.51	15.6	28.2	47.3	78.2	148
	0.00	0.17	52.2	10.5	0.00	0.00	0.13	0.22	0.39	1.05	2.27	4.74	9.93	19.2	35.7	67.7	137
	1.10	*1.91*	*6.02*	*4.00*	*0.47*	*0.54*	*0.64*	*0.82*	*1.01*	*2.23*	*3.13*	*3.04*	*2.87*	*3.16*	*4.73*	*7.24*	*9.87*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
64	03427500	35°55′06″	86°20′02″	E FORK STONES R NR LASCASSAS (1, 2)	262	262	46	2.321	32	1.10	37
	4.90	9.97	453	129	4.64	5.71	7.46	11.2	16.2	27.3	43.4	69.2	117	189	297	506	996
	6.79	10.7	474	144	6.75	7.61	8.85	12.5	18.0	31.2	52.1	88.7	159	287	415	628	1091
	5.46	10.5	411	141	5.41	6.90	8.67	12.3	17.9	32.7	53.1	84.6	138	218	337	527	941
	0.57	*0.78*	*10.1*	*5.02*	*0.54*	*0.58*	*0.64*	*0.89*	*1.31*	*2.11*	*3.03*	*4.27*	*4.81*	*6.79*	*9.78*	*10.4*	*13.1*
65	03428000	35°49′20″	86°25′03″	W F STONES R NR MURFREESBORO (1, 2)	128	128	33	2.360	22	0.65	37
	0.00	0.93	206	60.4	0.00	0.63	0.86	1.51	2.89	6.95	14.5	26.6	49.8	85.8	140	228	480
	0.35	1.12	215	51.7	0.36	0.55	0.79	1.46	2.56	6.63	14.6	29.7	55.0	98.6	164	265	490
	0.33	0.89	190	40.0	0.33	0.49	0.69	1.12	1.93	4.71	9.68	19.2	38.8	72.9	131	238	475
	1.28	*1.92*	*11.4*	*3.92*	*0.66*	*0.80*	*0.95*	*1.22*	*1.67*	*3.19*	*4.05*	*3.33*	*2.87*	*3.60*	*6.21*	*8.75*	*14.1*
66	03428070	35°51′25″	86°24′43″	W F STONES R, MANSON PIKE, MURFREESBORO (1, 2)	165	165	33	2.323	25	0.67	8
	0.56	2.90	266	50.4	0.51	0.79	1.66	3.68	6.16	12.4	25.8	49.5	86.2	134	201	304	564
	0.49	1.44	280	73.5	0.50	0.71	1.02	1.88	3.45	9.03	19.6	40.3	76.4	137	222	351	650
	0.46	1.25	238	54.4	0.47	0.69	0.96	1.56	2.67	6.43	13.2	26.1	52.0	95.8	168	301	593
	0.90	*1.32*	*10.9*	*4.44*	*0.47*	*0.53*	*0.59*	*0.79*	*1.21*	*2.06*	*2.88*	*3.36*	*3.31*	*3.71*	*6.55*	*7.04*	*10.2*
67	03428200	35°54′10″	86°25′48″	W F STONES R AT MURFREESBORO (1, 2)	177	177	33	2.322	27	0.69	26
	0.70	3.00	306	110	0.70	1.00	1.80	3.90	6.40	13.0	25.0	50.0	90.0	140	225	350	700
	0.57	1.66	299	78.1	0.57	0.81	1.16	2.13	3.89	10.0	21.5	43.6	81.5	145	236	373	691
	0.51	1.38	256	59.0	0.52	0.76	1.06	1.72	2.94	7.00	14.4	28.4	56.5	104	181	325	637
	0.89	*1.31*	*10.8*	*4.40*	*0.46*	*0.53*	*0.58*	*0.79*	*1.20*	*2.05*	*2.86*	*3.33*	*3.29*	*3.68*	*6.49*	*6.98*	*10.1*
68	03428500	35°56′25″	86°27′54″	W FORK STONES R NEAR SMYRNA (1, 2)	237	250	33	2.322	31	0.73	25
	1.40	3.60	439	141	1.40	1.90	2.70	4.70	7.70	16.0	30.0	60.0	100	160	250	400	800
	1.25	3.43	428	123	1.22	1.68	2.36	4.25	7.65	18.5	37.1	72.0	128	215	341	537	996
	0.77	2.05	368	85.8	0.79	1.14	1.58	2.56	4.38	10.3	21.1	41.5	82.5	151	260	463	904
	0.93	*1.39*	*9.16*	*4.42*	*0.49*	*0.57*	*0.63*	*0.86*	*1.31*	*2.27*	*3.06*	*3.75*	*3.60*	*3.91*	*6.99*	*7.20*	*9.60*
69	03429000	35°59′59″	86°27′35″	STONES RIVER NEAR SMYRNA (1)	571	576	39	2.321	33	0.91	41
	10.1	16.9	937	315	10.1	12.4	14.8	20.8	30.9	58.1	97.8	165	272	444	720	1170	2226
	9.25	16.8	975	322	9.22	10.8	13.3	20.6	32.5	63.8	113	199	340	567	846	1292	2284
	6.41	13.7	889	273	6.42	8.53	11.1	16.4	25.4	50.4	88.9	152	266	438	696	1128	2080
	1.04	*1.65*	*10.9*	*6.87*	*0.76*	*0.95*	*1.15*	*1.81*	*2.96*	*5.58*	*7.24*	*6.24*	*5.34*	*5.34*	*8.27*	*9.53*	*13.3*
70	03429500	35°59′54″	86°30′18″	STEWART CREEK NEAR SMYRNA (1, 2)	69.7	62.3	32	2.322	29	0.95	5
	0.00	0.00	113	14.2	0.00	0.00	0.00	0.00	0.33	1.46	3.61	7.78	19.4	42.3	82.5	148	269
	0.00	0.35	104	26.6	0.00	0.00	0.23	0.45	0.89	2.73	6.70	14.8	28.0	48.2	80.0	134	248
	0.00	0.37	93.8	19.6	0.00	0.00	0.27	0.46	0.83	2.06	4.45	9.21	19.0	36.5	65.0	120	234
	1.09	*1.71*	*11.6*	*3.60*	*0.48*	*0.57*	*0.64*	*0.82*	*1.14*	*2.42*	*3.35*	*3.02*	*2.75*	*2.83*	*5.38*	*7.99*	*13.4*
71	03430100	36°09′30″	86°37′14″	STONES R BL J. PERCY PRIEST DAM (1)	892	892	36	2.320	28	0.86	28
	13.6	20.0	1368	428	13.4	15.1	17.7	24.6	38.7	76.1	134	226	380	652	1070	1730	3315
	8.90	17.4	1545	484	9.09	10.7	13.3	22.4	38.5	85.2	163	299	530	916	1386	2106	3700
	6.16	14.4	1368	391	6.22	8.57	11.4	17.7	28.6	61.9	116	208	380	646	1052	1748	3287
	1.06	*1.70*	*10.5*	*9.47*	*0.75*	*0.97*	*1.19*	*1.90*	*3.12*	*5.97*	*8.08*	*7.05*	*6.78*	*6.01*	*8.65*	*9.83*	*12.9*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
72	03430147	36°11′40″	86°36′28″	STONERS CREEK NR HERMITAGE (1, 2)	20.6	20.6	33	2.318	36	1.27	10
	0.00	0.00	29.0	14.3	0.00	0.00	0.00	0.00	0.83	2.07	3.67	6.54	10.8	16.2	23.4	35.4	61.4
	0.00	0.28	32.8	8.81	0.00	0.00	0.00	0.30	0.48	1.21	2.46	4.83	9.28	16.4	26.5	43.1	75.3
	0.00	0.19	31.9	7.22	0.00	0.00	0.00	0.23	0.40	0.90	1.83	3.60	7.07	13.1	22.8	40.9	77.1
	0.92	*1.51*	*5.74*	*3.58*	*0.50*	*0.56*	*0.64*	*0.78*	*0.89*	*1.76*	*2.78*	*3.05*	*2.73*	*3.03*	*4.39*	*6.53*	*8.77*
73	03431000	36°04′54″	86°40′50″	MILL CREEK NEAR ANTIOCH (1, 2)	64.0	64.0	34	2.324	16	1.20	21
	0.00	0.57	93.9	30.3	0.00	0.00	0.00	0.50	1.24	3.69	7.76	14.7	26.3	44.7	71.2	121	235
	0.22	0.56	114	31.3	0.00	0.00	0.44	0.72	1.22	3.28	7.47	15.5	30.6	55.4	88.7	139	259
	0.24	0.66	100	24.6	0.00	0.00	0.50	0.82	1.41	3.42	6.71	12.7	24.2	43.5	75.9	133	252
	1.07	*1.78*	*11.8*	*3.84*	*0.49*	*0.58*	*0.67*	*0.86*	*1.25*	*2.72*	*3.55*	*3.06*	*2.81*	*3.02*	*5.73*	*7.99*	*13.5*
74	03431060	36°07′04″	86°43′08″	MILL CR, THOMPSON LANE, WOODBINE (1, 2)	93.4	93.4	34	2.323	21	1.34	5
	1.00	2.40	141	81.9	1.11	1.19	1.37	1.94	3.34	8.19	18.4	29.7	45.4	68.3	101	147	281
	0.35	0.88	162	44.2	0.26	0.50	0.69	1.16	1.98	5.06	11.2	22.7	44.1	79.6	127	200	371
	0.40	1.06	150	37.5	0.27	0.58	0.80	1.32	2.25	5.28	10.4	19.6	37.1	66.5	114	197	369
	0.85	*1.41*	*10.8*	*3.88*	*0.43*	*0.49*	*0.55*	*0.74*	*1.08*	*1.91*	*2.71*	*2.96*	*2.93*	*3.09*	*5.35*	*7.07*	*11.3*
75	03431300	36°07′47″	86°45′40″	BROWNS CR, ST FAIRGRDS, NASHVILLE (1, 2)	11.8	11.7	35	2.324	59	1.57	19
	0.47	1.22	16.8	9.14	0.52	0.59	0.66	0.90	1.35	2.06	3.06	4.40	6.40	9.58	14.9	22.3	37.8
	0.00	0.47	16.9	6.17	0.00	0.00	0.00	0.45	0.70	1.33	2.13	3.64	6.25	9.92	14.5	22.3	37.7
	0.00	0.19	18.7	4.64	0.00	0.00	0.00	0.23	0.36	0.71	1.35	2.48	4.60	8.21	13.6	23.5	42.7
	0.65	*1.11*	*5.71*	*4.00*	*0.49*	*0.52*	*0.59*	*0.72*	*0.85*	*1.53*	*2.42*	*3.12*	*3.13*	*3.71*	*4.81*	*6.10*	*7.73*
76	03431500	36°09′45″	86°46′17″	CUMBERLAND RIVER AT NASHVILLE (1)	12856	12842	45	2.323	53	2.10	37
	785	1070	20860	10397	706	776	912	1230	1730	2890	4450	7210	11000	15900	22000	32200	55701
	698	1133	20419	11148	695	818	975	1339	1939	3436	5349	8035	11657	16127	21247	29101	46611
	394	736	23795	9452	390	482	607	881	1328	2341	3854	6075	9677	14749	21029	30554	51862
	1.42	*2.09*	*4.94*	*8.47*	*1.36*	*2.00*	*2.18*	*2.54*	*3.29*	*4.63*	*5.00*	*4.99*	*6.15*	*6.52*	*8.29*	*10.1*	*8.42*
77	03431600	36°12′45″	86°49′29″	WHITES CR, TUCKER RD, BORDEAUX (1, 2)	51.6	51.6	48	2.321	63	2.09	10
	0.41	1.17	77.5	21.9	0.44	0.51	0.75	1.49	2.37	5.00	8.22	14.2	22.2	36.0	57.2	91.4	176
	1.18	2.14	83.1	27.6	1.15	1.38	1.76	2.51	3.59	6.13	9.79	15.5	25.2	40.8	65.5	102	183
	1.65	3.02	88.3	30.9	1.63	1.98	2.47	3.40	4.86	7.90	12.5	19.5	31.1	48.7	73.0	112	190
	0.62	*1.05*	*6.98*	*8.81*	*0.46*	*0.53*	*0.61*	*0.76*	*1.12*	*1.51*	*2.40*	*3.37*	*4.44*	*5.19*	*6.80*	*7.22*	*10.3*
78	03431700	36°09′04″	86°51′16″	RICHLAND CR, CHARLOTTE AV, NASHVILLE (1, 2)	24.3	24.0	37	2.325	57	1.53	32
	0.39	1.08	33.1	13.6	0.35	0.47	0.66	1.16	1.66	2.86	4.51	7.17	11.4	17.3	25.5	40.3	74.2
	0.00	0.70	36.5	11.2	0.00	0.00	0.49	0.76	1.15	2.32	3.91	6.45	10.7	18.0	28.6	46.7	80.9
	0.00	0.54	38.7	10.5	0.00	0.00	0.42	0.62	0.97	1.83	3.31	5.84	10.4	18.0	29.0	48.7	87.5
	0.72	*1.32*	*6.04*	*3.79*	*0.41*	*0.46*	*0.54*	*0.67*	*0.78*	*1.38*	*2.27*	*2.61*	*2.43*	*2.55*	*3.70*	*6.16*	*9.87*
79	03431800	36°19′12″	87°03′04″	SYCAMORE CR NR ASHLAND CITY (1)	97.2	97.7	97	2.333	80	2.06	29
	9.92	14.0	147	62.8	10.2	11.8	12.8	15.3	18.3	23.9	31.0	41.0	55.5	76.4	108	160	277
	11.0	15.1	157	72.1	10.8	11.9	13.4	16.2	19.8	26.7	35.6	47.8	68.9	101	142	199	334
	13.7	18.9	170	78.3	13.2	14.4	16.5	20.1	25.0	32.6	43.2	57.3	79.2	111	152	213	344
	1.61	*1.57*	*4.58*	*2.84*	*1.78*	*1.71*	*1.75*	*1.74*	*1.78*	*1.87*	*1.91*	*1.91*	*2.02*	*2.20*	*2.92*	*4.49*	*8.13*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)								DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%	10%
								Central and East Tennessee region—Continued										
80	03432350	35°55′14″	86°51′56″	HARPETH RIVER AT FRANKLIN (1, 2)								191	192	34	2.337	29	1.27	28
	3.48	4.82	295	76.4	3.31	3.64	4.02	4.98	6.42	13.8	27.9	54.3	94.2	151		233	370	660
	0.98	2.49	325	82.4	0.97	1.30	1.80	3.12	5.34	12.5	25.1	48.4	88.0	158		257	403	743
	0.90	2.30	313	77.6	0.91	1.28	1.76	2.85	4.83	10.9	21.5	40.6	77.1	138		233	401	752
	1.00	*1.42*	*11.7*	*4.69*	*0.49*	*0.57*	*0.63*	*0.84*	*1.24*	*2.00*	*2.78*	*3.10*	*3.20*	*3.68*		*6.60*	*7.49*	*11.5*
81	03432500	35°53′56″	86°58′01″	W HARPETH R NR LEIPERS FORK (1, 2)								66.9	66.8	38	2.354	54	1.63	6
	0.00	0.21	94.2	29.4	0.00	0.00	0.15	0.27	0.99	3.56	7.35	13.3	23.0	43.2		74.6	127	243
	0.65	1.43	107	22.5	0.00	0.84	1.12	1.67	2.57	4.85	8.11	13.6	22.8	42.2		77.5	129	235
	0.78	1.70	114	31.1	0.00	1.02	1.34	1.99	3.09	5.77	10.3	17.8	31.5	53.8		86.3	142	255
	0.89	*1.09*	*11.2*	*3.60*	*0.44*	*0.51*	*0.59*	*0.74*	*1.22*	*2.34*	*2.86*	*2.67*	*2.65*	*3.68*		*6.91*	*10.3*	*15.6*
82	03433500	36°03′16″	86°55′42″	HARPETH RIVER AT BELLEVUE (1)								408	409	39	2.332	48	1.53	27
	6.84	14.1	648	194	6.77	8.03	10.5	15.9	25.2	47.5	81.0	142	235	359		544	830	1420
	6.33	13.5	653	228	6.29	8.07	10.8	16.3	24.9	47.0	81.8	141	224	349		544	835	1502
	5.67	11.9	692	213	5.67	7.34	9.54	14.2	22.0	41.4	72.8	124	214	353		549	875	1559
	1.01	*1.59*	*10.6*	*4.67*	*0.79*	*0.95*	*1.11*	*1.80*	*3.00*	*4.93*	*5.24*	*4.58*	*3.78*	*4.19*		*7.32*	*8.39*	*10.8*
83	03434500	36°07′19″	87°05′56″	HARPETH R NEAR KINGSTON SPRINGS (1)								681	683	61	2.342	60	1.66	27
	44.5	68.6	1054	370	43.3	49.0	57.3	74.2	93.9	136	194	290	427	638		909	1367	2314
	43.7	63.1	1063	443	43.0	48.2	55.4	69.8	89.5	133	194	280	432	649		963	1441	2458
	38.8	63.0	1191	478	38.0	44.6	53.6	71.0	96.8	148	220	321	484	716		1025	1490	2520
	2.57	*3.44*	*9.78*	*10.8*	*2.72*	*3.17*	*3.39*	*4.11*	*5.18*	*6.40*	*7.05*	*6.47*	*7.27*	*7.58*		*8.87*	*11.1*	*16.5*
84	03435030	36°33′24″	86°34′14″	RED RIVER NEAR PORTLAND (1, 2)								15.1	14.9	44	2.307	49	1.52	8
	0.93	1.57	24.4	11.6	0.90	1.15	1.50	2.00	2.56	3.48	4.77	7.11	10.6	15.7		22.3	31.5	49.4
	0.57	0.99	23.4	8.94	0.55	0.65	0.80	1.10	1.50	2.39	3.60	5.41	8.13	12.7		19.6	30.3	52.2
	0.30	0.59	23.5	7.54	0.30	0.38	0.48	0.67	0.98	1.69	2.77	4.48	7.40	12.0		18.7	30.0	52.5
	0.50	*0.79*	*5.41*	*5.24*	*0.45*	*0.46*	*0.54*	*0.69*	*0.86*	*1.17*	*1.91*	*2.73*	*3.03*	*3.72*		*4.54*	*5.26*	*8.19*
86	03435305	36°38′32″	86°59′18″	RED R BL HWY 161 NR BARREN PLAINS (1)								549	551	69	2.314	71	1.18	6
	33.4	46.7	677	473	32.4	35.9	40.3	51.2	67.1	94.8	145	213	314	461		663	966	1577
	37.9	54.6	825	373	37.5	42.0	48.2	60.2	76.6	112	160	226	348	512		765	1140	1909
	39.1	59.2	880	381	37.9	43.9	51.7	65.5	85.4	124	178	253	373	538		757	1092	1855
	2.11	*2.80*	*7.82*	*9.03*	*1.96*	*2.27*	*2.51*	*3.15*	*4.00*	*5.12*	*5.93*	*5.75*	*6.20*	*6.15*		*7.02*	*8.77*	*12.8*
87	03435500	36°35′19″	87°05′21″	RED RIVER NEAR ADAMS (1)								706	697	71	2.320	72	1.18	49
	42.4	57.7	935	436	42.1	44.7	48.6	60.4	77.6	115	164	197	364	555		851	1350	2328
	56.0	78.2	1045	485	54.9	61.2	69.5	85.6	107	154	218	303	463	662		980	1445	2420
	52.4	78.4	1122	488	50.7	58.5	68.7	86.7	113	162	231	327	481	690		967	1388	2356
	2.58	*3.28*	*8.56*	*8.71*	*2.38*	*2.76*	*2.93*	*3.61*	*4.49*	*5.39*	*5.95*	*5.38*	*6.05*	*6.63*		*8.30*	*10.5*	*14.4*
88	03435770	36°30′47″	86°51′44″	SULPHUR FORK RED R AB SPRINGFIELD (1, 2)								65.6	64.9	53	2.310	79	1.53	13
	2.99	4.60	96.4	47.0	2.65	3.00	3.95	5.58	7.41	12.2	18.8	26.1	37.4	52.3		80.0	129	219
	1.89	3.13	102	35.1	1.83	2.12	2.64	3.63	4.85	7.68	11.7	18.0	31.9	50.5		80.6	125	223
	2.70	4.57	104	38.8	2.63	3.13	3.83	5.05	6.91	10.5	16.2	24.6	38.3	58.6		85.9	131	222
	0.58	*0.81*	*9.10*	*8.20*	*0.54*	*0.56*	*0.59*	*0.69*	*0.81*	*0.93*	*1.22*	*1.52*	*4.34*	*5.13*		*6.69*	*7.08*	*11.2*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
89	03436000	36°30′55″	87°03′32″	SULPHUR FORK RED R NR ADAMS (1, 2)	186	187	57	2.323	78	1.37	32
	5.72	11.3	261	84.9	5.70	6.88	8.98	13.2	17.3	25.1	36.9	54.3	84.3	132	208	335	609
	7.51	11.6	281	107	7.47	8.48	10.2	13.2	17.0	25.2	36.8	52.8	92.3	147	234	360	624
	9.10	14.9	304	117	8.88	10.5	12.6	16.5	22.3	33.4	50.4	75.0	115	174	252	376	642
	1.26	*1.29*	*5.93*	*5.20*	*1.28*	*1.26*	*1.24*	*1.30*	*1.44*	*1.53*	*1.55*	*1.63*	*4.38*	*5.65*	*7.58*	*8.30*	*9.53*
90	03436100	36°33′17″	87°08′31″	RED RIVER AT PORT ROYAL (1)	935	926	68	2.323	73	1.22	35
	71.3	88.9	1301	657	67.6	73.5	82.5	94.9	120	175	253	388	575	840	1244	1830	3000
	70.6	99.4	1379	634	69.4	77.4	87.9	109	137	199	284	396	610	876	1296	1914	3205
	65.5	99.4	1511	650	63.5	73.5	86.7	111	145	211	304	434	642	927	1299	1867	3172
	2.56	*3.35*	*9.09*	*9.27*	*2.42*	*2.89*	*3.07*	*3.69*	*4.63*	*5.69*	*6.26*	*5.71*	*6.52*	*6.78*	*8.15*	*10.0*	*14.2*
91	03436500	36°31′20″	87°21′53″	CUMBERLAND R AT CLARKSVILLE (1)	15896	14441	48	2.329	55	2.05	14
	860	1360	25093	11780	884	982	1090	1450	2180	3500	5410	8310	12600	18300	25900	37200	68700
	964	1491	22635	12895	945	1103	1295	1738	2455	4209	6381	9322	13375	18318	23960	32531	51574
	538	968	26881	10981	532	648	806	1150	1699	2904	4664	7195	11263	16929	23897	34306	58003
	1.48	*2.27*	*5.02*	*8.50*	*1.41*	*2.14*	*2.34*	*2.73*	*3.50*	*4.80*	*5.21*	*5.17*	*6.31*	*6.68*	*8.46*	*10.3*	*8.27*
92	03436690	36°18′39″	87°33′15″	YELLOW CREEK AT ELLIS MILLS (1)	103	103	120	2.338	82	2.04	11
	15.8	18.9	154	74.5	15.5	16.3	18.0	20.3	23.0	30.0	37.9	49.9	68.4	95.3	131	183	312
	23.3	29.4	174	85.6	22.2	23.8	26.2	30.5	35.3	43.5	53.5	66.2	84.7	114	154	214	348
	19.7	25.7	180	87.5	18.9	20.3	22.8	27.0	32.6	40.6	51.7	66.1	88.6	121	164	224	359
	1.38	*1.17*	*6.97*	*3.36*	*1.87*	*1.84*	*1.81*	*1.65*	*1.64*	*1.84*	*1.88*	*2.25*	*2.54*	*3.35*	*4.42*	*6.10*	*12.8*
93	03436700	36°20′55″	87°32′20″	YELLOW CREEK NEAR SHILOH (1)	124	124	120	2.336	83	1.97	23
	19.8	24.7	189	80.8	20.9	23.0	24.0	26.9	30.2	36.4	45.5	60.8	84.9	120	175	243	395
	28.2	35.8	212	105	26.6	28.8	32.1	37.2	43.2	52.9	64.7	80.2	103	138	187	258	418
	23.7	30.8	216	105	22.8	24.4	27.5	32.5	39.1	48.7	62.0	79.3	106	145	196	268	430
	0.96	*0.86*	*4.53*	*2.65*	*1.19*	*1.17*	*1.14*	*1.07*	*1.13*	*1.23*	*1.32*	*1.64*	*1.82*	*2.32*	*3.11*	*4.44*	*9.49*
115	03455000	35°58′54″	83°09′40″	FRENCH BROAD R NEAR NEWPORT (1)	1858	1853	162	2.205	60	2.59	80
	522	735	2952	2296	481	551	633	787	965	1280	1580	1910	2268	2670	3180	3900	5433
	755	1040	3486	2991	661	764	884	1102	1333	1691	2044	2407	2826	3296	3875	4719	6381
	678	817	3031	2327	634	673	739	872	1036	1297	1564	1861	2261	2728	3335	4162	6224
	1.20	*1.24*	*1.00*	*1.22*	*0.43*	*0.62*	*0.64*	*0.71*	*0.85*	*1.07*	*1.21*	*1.29*	*1.34*	*1.39*	*1.41*	*1.59*	*2.02*
121	03461000	35°48′52″	83°08′42″	PIGEON RIVER AT HARTFORD (1)	547	547	163	2.211	64	2.91	5
	139	228	1065	986	127	141	176	265	346	456	558	689	843	1000	1160	1460	2010
	206	296	1117	906	179	205	240	305	380	498	616	741	884	1042	1236	1513	2023
	202	243	902	665	188	199	219	257	304	374	449	534	650	793	979	1236	1839
	1.08	*1.08*	*0.73*	*0.93*	*0.36*	*0.46*	*0.49*	*0.53*	*0.61*	*0.67*	*0.72*	*0.79*	*0.84*	*0.89*	*0.90*	*1.01*	*1.36*
122	03461200	35°46′58″	83°13′03″	COSBY CREEK ABOVE COSBY (1)	10.1	10.3	100	2.214	40	6.68	21
	2.25	3.93	26.8	21.0	2.32	2.60	3.14	4.25	5.77	9.09	12.7	16.0	19.8	24.1	29.9	37.6	54.7
	1.40	2.21	16.5	11.0	1.34	1.52	1.80	2.35	3.02	4.45	6.04	7.97	10.1	13.0	16.7	21.7	33.5
	1.82	2.70	18.4	11.0	1.73	1.91	2.23	2.87	3.72	5.20	6.75	8.64	11.1	14.8	19.7	26.6	38.9
	1.09	*1.10*	*0.62*	*1.67*	*0.95*	*0.78*	*0.82*	*0.82*	*0.89*	*1.00*	*1.07*	*1.14*	*1.12*	*1.05*	*0.85*	*0.76*	*0.95*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
123	03461500	35°57′38″	83°10′28″	PIGEON RIVER AT NEWPORT (1)	667	667	151	2.206	62	3.22	24
	193	280	1201	1026	164	205	258	313	379	477	605	742	892	1040	1280	1639	2274
	235	334	1305	1058	206	235	273	345	428	561	697	843	1011	1200	1431	1765	2392
	229	283	1115	825	215	228	253	301	361	453	551	661	808	990	1222	1541	2283
	1.03	*1.05*	*0.81*	*1.11*	*0.42*	*0.53*	*0.56*	*0.61*	*0.72*	*0.78*	*0.84*	*0.91*	*0.96*	*0.99*	*1.00*	*1.14*	*1.57*
128	03465000	36°10′35″	82°17′36″	NORTH INDIAN CREEK NEAR UNICOI (1)	15.9	15.9	100	2.160	63	3.25	13
	2.29	3.16	20.8	13.0	2.34	2.48	2.75	3.38	4.22	6.15	8.27	11.1	14.8	19.0	23.9	30.6	43.0
	2.08	3.09	21.3	14.0	1.86	2.19	2.60	3.25	4.07	5.74	7.59	9.90	12.8	16.9	22.1	29.5	45.6
	2.84	3.95	24.0	15.6	2.66	2.94	3.38	4.14	5.13	6.81	8.87	11.4	14.8	19.1	25.0	34.0	50.8
	1.19	*1.25*	*0.52*	*1.58*	*0.97*	*0.87*	*0.93*	*0.96*	*1.02*	*1.09*	*1.15*	*1.19*	*1.13*	*0.95*	*0.73*	*0.67*	*0.87*
129	03465500	36°10′35″	82°27′27″	NOLICHUCKY RIVER AT EMBREEVILLE (1)	805	805	143	2.160	68	3.15	82
	218	310	1368	992	211	230	262	322	397	537	674	827	1003	1200	1463	1850	2592
	247	340	1327	1073	228	254	290	356	433	562	693	840	1011	1202	1441	1799	2489
	280	344	1275	1031	260	277	307	366	439	551	676	813	987	1187	1437	1800	2635
	1.20	*1.35*	*0.98*	*1.44*	*0.67*	*0.83*	*0.85*	*0.89*	*1.02*	*1.19*	*1.36*	*1.43*	*1.49*	*1.52*	*1.47*	*1.50*	*2.27*
130	03466228	36°11′55″	82°44′31″	SINKING CREEK AT AFTON (1)	13.7	13.7	120	2.184	80	1.20	19
	1.72	2.41	13.1	9.47	1.29	1.49	1.81	2.41	3.06	4.25	5.32	6.78	8.63	11.3	14.5	18.8	26.1
	2.10	2.89	17.4	11.2	1.92	2.15	2.47	3.02	3.65	4.90	6.27	8.08	10.5	13.7	17.8	23.9	35.8
	2.51	3.19	17.9	10.9	2.33	2.56	2.86	3.27	3.78	4.70	5.94	7.55	9.90	12.8	17.0	23.7	37.7
	1.21	*1.26*	*0.52*	*1.35*	*0.85*	*0.71*	*0.77*	*0.79*	*0.86*	*0.95*	*1.00*	*1.03*	*0.99*	*0.88*	*0.71*	*0.65*	*0.82*
131	03466500	36°03′59″	82°52′18″	NOLICHUCKY R BL NOLICHUCKY DAM (1)	1184	1184	135	2.195	73	2.76	13
	328	432	1794	1648	306	324	365	465	584	750	945	1119	1344	1618	1922	2370	3247
	373	513	2049	1630	335	381	437	540	656	853	1063	1290	1558	1864	2246	2803	3872
	363	451	1922	1423	339	363	404	482	581	732	909	1111	1379	1694	2081	2636	3939
	1.18	*1.27*	*1.07*	*1.63*	*0.73*	*0.89*	*0.89*	*0.89*	*1.02*	*1.22*	*1.37*	*1.47*	*1.48*	*1.48*	*1.48*	*1.65*	*2.16*
132	03467000	36°12′09″	83°02′53″	LICK CREEK AT MOHAWK (1)	220	219	78	2.195	34	0.94	25
	12.5	17.2	232	115	12.1	14.0	16.4	19.0	22.4	29.4	39.6	56.4	80.6	119	176	263	538
	18.9	28.7	357	202	19.0	21.5	25.1	32.6	43.9	68.5	96.5	134	182	248	336	470	762
	16.5	25.0	290	161	15.7	18.8	21.9	27.6	35.4	54.8	76.1	105	147	199	276	395	660
	0.45	*0.51*	*0.75*	*2.50*	*0.39*	*0.48*	*0.52*	*0.56*	*0.90*	*1.48*	*1.68*	*1.82*	*1.74*	*1.52*	*1.30*	*1.48*	*2.88*
133	03467610	36°07′36″	83°10′33″	NOLICHUCKY RIVER AT LOWLAND (1)	1687	1689	118	2.200	64	2.28	10
	418	551	2647	1908	442	475	510	595	729	986	1250	1600	1993	2460	2995	3770	5011
	463	632	2825	2170	422	479	546	673	818	1079	1361	1676	2056	2501	3060	3870	5488
	396	511	2686	1891	371	406	456	553	680	895	1142	1430	1822	2277	2848	3668	5601
	1.34	*1.45*	*1.32*	*2.21*	*0.98*	*1.19*	*1.17*	*1.21*	*1.40*	*1.67*	*1.87*	*2.02*	*2.00*	*1.91*	*1.84*	*2.01*	*2.69*
134	03469000	35°57′06″	83°33′05″	FRENCH BROAD R BL DOUGLAS DAM (1)	4543	4545	138	2.214	61	2.49	24
	1045	1513	6492	5183	985	1130	1280	1630	2050	2690	3380	4120	4987	5900	6970	8610	12074
	1726	2306	7493	6475	1556	1786	2022	2458	2925	3688	4448	5247	6109	7140	8333	10201	14124
	1364	1699	7558	5593	1280	1377	1531	1843	2242	2900	3604	4393	5462	6690	8215	10302	15581
	1.46	*1.63*	*2.11*	*2.62*	*0.73*	*1.03*	*1.03*	*1.10*	*1.32*	*1.69*	*2.01*	*1.92*	*2.62*	*2.73*	*3.12*	*3.54*	*4.02*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
								Central and East Tennessee region—Continued									
135	03469010	35°55′45″	83°32′26″	MILLICAN CREEK NR DOUGLAS DAM (2)								4.20	4.16	65	2.215	22	0.63	12
	0.00	0.00	4.70	1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.26	0.60	1.09	1.97	3.58	8.55
	0.30	0.46	6.83	3.42	0.29	0.34	0.39	0.50	0.64	0.98	1.41	2.02	2.89	4.25	6.07	8.69	14.5
	0.15	0.26	5.00	2.14	0.15	0.18	0.22	0.28	0.36	0.61	0.88	1.28	1.92	2.78	4.29	6.74	11.9
	1.23	*1.24*	*1.38*	*2.56*	*1.29*	*1.14*	*1.20*	*1.33*	*1.46*	*1.64*	*1.73*	*1.93*	*1.99*	*1.72*	*1.61*	*1.43*	*1.77*
136	03469175	35°51′55″	83°32′01″	LITTLE PIGEON R ABOVE SEVIERVILLE (1)								184	183	83	2.219	23	7.80	12
	23.5	37.7	353	257	23.9	26.4	33.1	43.6	56.3	86.2	118	159	210	271	348	474	776
	24.1	36.1	339	194	23.3	26.0	30.7	39.9	51.3	75.2	103	141	180	244	326	450	704
	23.8	38.7	354	218	23.0	26.4	31.4	43.3	60.3	95.9	130	171	224	297	397	527	774
	0.73	*0.65*	*0.67*	*2.23*	*0.70*	*0.68*	*0.65*	*0.64*	*0.66*	*0.71*	*0.77*	*0.83*	*1.43*	*1.25*	*1.13*	*1.33*	*2.58*
137	03470000	35°52′36″	83°34′34″	LITTLE PIGEON R AT SEVIERVILLE (1)								353	352	85	2.219	23	7.71	61
	43.4	70.7	571	386	40.7	46.1	56.0	77.3	101	151	205	266	341	433	559	754	1164
	45.4	67.0	641	389	43.8	48.9	57.3	74.9	96.8	142	197	272	362	479	629	858	1353
	48.6	77.9	685	433	46.8	53.6	63.7	87.8	122	194	262	342	446	587	777	1020	1496
	1.56	*1.48*	*1.48*	*3.10*	*1.47*	*1.53*	*1.41*	*1.33*	*1.33*	*1.46*	*1.60*	*1.84*	*1.89*	*1.80*	*1.86*	*1.92*	*2.93*
145	03477000	36°28′38″	82°15′47″	S FORK HOLSTON R AT BLUFF CITY (1)								813	811	94	2.114	61	2.43	49
	173	218	1175	852	163	172	191	223	270	363	463	596	755	981	1240	1610	2480
	150	203	1180	834	142	156	177	216	263	357	465	598	762	963	1224	1615	2429
	147	202	1165	908	137	154	176	219	276	383	508	654	839	1039	1290	1681	2521
	1.37	*1.59*	*1.56*	*2.78*	*1.21*	*1.34*	*1.39*	*1.58*	*2.10*	*2.38*	*2.69*	*2.88*	*2.84*	*2.77*	*2.62*	*2.55*	*3.48*
149	03479500	36°17′25″	81°55′33″	WATAUGA R AT NC-TN STATE LINE (1)								152	152	75	2.101	79	3.56	12
	19.5	33.2	256	158	18.9	22.0	26.3	34.5	49.1	81.3	111	140	177	219	270	350	508
	20.1	28.8	221	130	19.5	21.5	24.3	30.6	38.8	54.4	72.9	96.9	128	170	224	300	469
	21.7	31.6	224	162	20.2	22.8	26.8	34.1	44.3	61.9	85.8	115	151	194	244	327	482
	0.75	*0.94*	*1.30*	*3.04*	*0.77*	*0.85*	*0.92*	*1.15*	*1.59*	*2.14*	*2.62*	*2.93*	*2.79*	*2.64*	*2.14*	*2.68*	*3.28*
150	03480000	36°18′37″	81°57′31″	WATAUGA RIVER AT STUMP KNOB (1)								171	172	75	2.102	79	3.50	14
	38.1	52.8	290	248	38.1	41.9	47.9	58.5	71.1	102	133	164	198	238	289	373	558
	23.6	33.6	251	151	22.7	25.0	28.3	35.5	45.1	63.1	84.4	112	148	194	254	339	527
	24.4	35.5	253	183	22.7	25.7	30.2	38.4	49.9	69.7	96.7	129	171	219	275	368	543
	0.71	*0.88*	*1.31*	*2.97*	*0.76*	*0.84*	*0.91*	*1.12*	*1.54*	*2.06*	*2.52*	*2.83*	*2.72*	*2.57*	*2.11*	*2.62*	*3.29*
153	03482000	36°22′37″	81°53′14″	ROAN CREEK NEAR NEVA (1)								102	102	76	2.099	72	3.38	13
	8.69	13.8	104	59.6	8.80	9.51	10.7	14.1	19.4	28.1	37.2	49.3	64.9	85.0	112	146	213
	12.3	17.9	140	81.1	11.9	13.3	15.2	19.1	24.3	34.1	45.7	60.9	80.8	107	142	196	304
	14.1	20.6	147	106	13.1	14.9	17.5	22.2	28.8	40.4	55.8	74.6	98.3	126	160	215	318
	0.80	*0.99*	*1.18*	*3.06*	*0.79*	*0.85*	*0.93*	*1.17*	*1.62*	*2.14*	*2.58*	*2.84*	*2.66*	*2.50*	*2.01*	*2.44*	*2.86*
154	03482500	36°20′22″	81°59′36″	ROAN CREEK AT BUTLER (1)								166	166	77	2.103	65	3.18	14
	31.4	40.4	165	124	26.8	29.1	32.8	38.8	45.3	54.5	65.5	79.7	98.5	125	163	217	338
	19.9	28.3	220	129	18.8	21.2	24.2	29.9	37.3	52.0	69.9	93.3	124	164	219	308	483
	22.7	33.3	240	174	21.1	24.1	28.3	36.0	46.8	66.7	91.9	123	162	207	262	351	523
	0.72	*0.89*	*1.35*	*3.19*	*0.77*	*0.85*	*0.93*	*1.15*	*1.62*	*2.20*	*2.71*	*3.05*	*2.91*	*2.83*	*2.29*	*2.71*	*3.34*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
155	03483000	36°19′59″	82°00′16″	WATAUGA RIVER AT BUTLER (1)	427	427	78	2.105	74	3.36	27
	125	157	692	570	120	131	142	163	193	253	315	379	463	562	701	903	1335
	62.5	86.1	624	389	59.5	65.5	73.7	90.8	114	159	214	284	373	483	626	844	1303
	64.9	93.5	634	475	60.5	68.3	79.9	102	132	185	255	339	444	562	700	923	1364
	0.39	*0.43*	*1.80*	*3.95*	*0.34*	*0.42*	*0.45*	*0.52*	*0.99*	*2.27*	*3.18*	*3.85*	*3.87*	*3.65*	*3.06*	*2.75*	*3.28*
156	03485500	36°20′40″	82°12′37″	DOE RIVER AT ELIZABETHTON (1)	137	137	95	2.116	85	3.65	63
	39.1	55.1	223	170	38.4	41.7	46.7	56.2	67.2	87.4	108	134	164	199	242	302	420
	27.2	37.0	203	140	26.5	28.6	31.9	38.8	47.9	64.2	82.9	106	134	170	215	270	411
	29.0	39.3	206	156	26.9	29.5	33.9	41.7	52.2	68.3	89.9	115	147	183	227	297	433
	0.82	*1.00*	*1.14*	*2.39*	*0.70*	*0.77*	*0.83*	*0.98*	*1.29*	*1.60*	*1.91*	*2.18*	*2.17*	*2.12*	*1.75*	*1.98*	*2.85*
157	03486000	36°21′21″	82°13′26″	WATAUGA R AT ELIZABETHTON (1)	692	692	85	2.117	72	3.31	23
	204	259	1085	988	170	195	222	266	307	397	495	617	751	913	1113	1420	2010
	119	159	991	667	113	123	138	167	206	283	373	485	627	800	1025	1363	2056
	121	169	1047	798	112	126	146	184	237	328	444	580	750	941	1163	1515	2238
	1.16	*1.36*	*1.59*	*3.14*	*1.15*	*1.27*	*1.32*	*1.52*	*2.09*	*2.52*	*2.93*	*3.22*	*3.20*	*3.09*	*2.79*	*2.68*	*3.47*
158	03486200	36°18′25″	82°17′30″	BUFFALO CR AT MILLIGAN COLLEGE (1)	28.1	27.8	102	2.156	70	2.22	5
	3.61	4.68	25.6	16.5	3.67	4.06	4.30	5.00	6.01	7.53	9.13	11.7	15.4	20.3	27.1	36.4	55.1
	3.81	5.39	32.3	21.3	3.49	4.00	4.61	5.62	6.87	9.29	12.0	15.5	20.0	25.9	33.7	46.1	72.9
	4.88	6.60	39.5	25.8	4.55	5.04	5.75	6.90	8.41	11.0	14.3	18.4	24.0	30.9	40.3	55.0	83.9
	1.65	*1.61*	*0.58*	*1.81*	*1.35*	*1.28*	*1.38*	*1.42*	*1.44*	*1.47*	*1.51*	*1.51*	*1.37*	*1.11*	*0.91*	*1.04*	*1.67*
159	03487500	36°30′37″	82°32′10″	S FORK HOLSTON R AT KINGSPORT (1)	1931	1930	94	2.138	67	2.50	22
	492	584	2611	2245	463	490	519	594	693	893	1130	1400	1760	2180	2720	3510	5152
	364	494	2797	2007	345	382	430	528	651	890	1159	1476	1878	2363	2983	3895	5742
	362	493	2904	2206	338	378	433	539	682	938	1248	1609	2073	2579	3185	4116	6197
	2.37	*2.49*	*2.41*	*3.50*	*1.78*	*2.24*	*2.17*	*2.15*	*2.33*	*2.59*	*2.99*	*3.24*	*3.32*	*3.40*	*3.47*	*3.79*	*5.33*
160	03487550	36°33′42″	82°27′36″	REEDY CREEK AT OREBANK (1)	36.3	36.5	101	2.136	50	1.17	25
	3.16	5.86	43.5	24.6	2.81	4.35	5.38	6.26	7.48	10.5	14.2	18.9	25.0	32.7	42.9	58.9	89.8
	3.88	5.71	37.9	23.8	3.53	4.24	4.97	6.04	7.32	9.94	13.0	17.1	22.5	30.0	40.6	60.0	92.8
	4.99	6.81	45.7	30.0	4.64	5.31	6.03	7.19	8.68	12.0	15.6	20.3	26.8	34.4	45.7	63.7	101
	1.22	*1.27*	*0.60*	*1.73*	*1.18*	*1.14*	*1.18*	*1.19*	*1.26*	*1.33*	*1.39*	*1.39*	*1.24*	*1.00*	*1.02*	*1.08*	*1.83*
166	03490500	36°28′19″	82°50′50″	HOLSTON RIVER AT SURGOINSVILLE (1)	2874	2866	87	2.140	65	2.49	10
	581	716	3529	2456	577	600	647	738	864	1171	1531	1918	2377	2884	3738	4888	7129
	490	676	4153	2927	465	520	592	735	917	1279	1685	2165	2776	3507	4434	5801	8603
	477	663	4344	3244	446	503	580	732	941	1324	1791	2342	3054	3829	4747	6157	9316
	2.08	*2.37*	*2.62*	*3.74*	*1.44*	*1.94*	*1.99*	*2.07*	*2.35*	*2.84*	*3.35*	*3.66*	*3.78*	*3.86*	*3.93*	*4.22*	*6.01*
167	03491000	36°25′34″	82°57′07″	BIG CREEK NEAR ROGERSVILLE (1, 2)	47.3	48.3	52	2.143	46	1.92	51
	2.50	3.79	58.3	23.2	2.47	2.87	3.34	4.17	5.29	7.56	10.7	15.9	23.7	34.8	50.6	75.1	127
	1.57	2.81	55.8	24.4	1.54	1.91	2.34	3.18	4.47	7.37	10.8	15.8	23.2	33.8	51.6	86.3	152
	2.12	3.71	66.5	35.0	2.02	2.49	3.06	4.15	5.77	9.53	14.6	21.8	32.2	45.6	64.0	94.5	152
	0.36	*0.41*	*0.60*	*1.98*	*0.35*	*0.38*	*0.43*	*0.49*	*0.74*	*1.24*	*1.50*	*1.54*	*1.34*	*1.10*	*1.26*	*2.01*	*2.77*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
168	03491300	36°24′06″	82°53′09″	BEECH CREEK AT KEPLER (1, 2)	47.0	50.1	65	2.142	29	1.47	22
	1.30	2.47	48.2	18.3	1.41	1.63	2.02	2.70	3.52	5.46	8.01	12.1	17.6	25.8	38.8	57.6	102
	2.21	3.40	36.9	18.0	1.95	2.38	2.86	3.64	4.53	6.45	8.77	12.5	17.3	23.7	37.5	68.4	124
	2.96	4.88	65.8	37.7	2.81	3.43	4.11	5.41	7.23	11.9	17.1	24.1	34.2	46.6	65.3	94.7	154
	0.49	*0.73*	*0.54*	*2.08*	*0.51*	*0.57*	*0.68*	*0.83*	*1.09*	*1.52*	*1.80*	*1.78*	*1.49*	*1.13*	*1.15*	*1.57*	*2.91*
169	03491500	36°22′13″	82°59′58″	HOLSTON RIVER NEAR ROGERSVILLE (1)	3035	3033	86	2.190	64	2.44	40
	615	792	4061	2970	587	632	693	843	1020	1350	1710	2150	2702	3380	4290	5660	8318
	528	735	4670	3269	498	566	644	802	1002	1409	1863	2393	3102	3931	4974	6466	9400
	462	651	4862	3249	436	491	568	721	932	1316	1789	2359	3132	4031	5105	6696	10310
	1.94	*1.89*	*2.08*	*4.05*	*1.54*	*1.81*	*1.69*	*1.63*	*1.83*	*2.30*	*2.63*	*2.67*	*2.91*	*2.93*	*3.08*	*3.45*	*4.36*
170	03491544	36°22′47″	83°02′48″	CROCKETT CR BELOW ROGERSVILLE (1)	4.67	4.74	60	2.191	50	2.05	13
	0.37	0.53	5.29	3.16	0.35	0.39	0.46	0.55	0.69	1.00	1.28	1.86	2.54	3.43	4.66	6.77	11.6
	0.36	0.53	6.46	3.26	0.34	0.41	0.48	0.57	0.69	0.99	1.37	1.97	2.82	3.95	5.40	8.17	14.0
	0.26	0.44	6.75	3.20	0.25	0.30	0.36	0.47	0.63	0.97	1.42	2.06	3.00	4.31	6.21	9.31	15.0
	1.40	*1.26*	*0.89*	*1.97*	*1.67*	*1.45*	*1.48*	*1.50*	*1.58*	*1.70*	*1.74*	*1.83*	*1.62*	*1.19*	*1.20*	*1.47*	*1.74*
171	03494000	36°10′03″	83°30′10″	HOLSTON RIVER NEAR JEFFERSON CITY (1)	3429	3426	84	2.202	63	2.35	5
	685	832	3315	3266	651	691	746	866	1030	1350	1700	2100	2630	3340	4330	5780	8820
	556	762	5233	3508	529	595	671	828	1036	1467	1959	2537	3344	4302	5506	7255	10748
	490	696	5544	3588	464	524	607	773	1004	1429	1954	2594	3473	4509	5750	7578	11756
	2.22	*2.00*	*2.75*	*4.64*	*1.85*	*2.06*	*1.82*	*1.72*	*1.93*	*2.48*	*2.90*	*2.70*	*3.63*	*3.92*	*4.53*	*5.41*	*5.34*
172	03495500	36°00′56″	83°49′54″	HOLSTON RIVER NEAR KNOXVILLE (1)	3747	3746	84	2.236	63	2.27	10
	743	864	4265	2933	704	740	789	884	1030	1340	1690	2050	2548	3300	4360	5880	9222
	625	851	5764	3831	591	663	745	918	1154	1617	2150	2788	3677	4742	6097	8060	12073
	511	728	6275	3780	486	549	636	811	1055	1501	2056	2743	3714	4900	6332	8402	13197
	2.34	*2.56*	*3.14*	*5.49*	*2.05*	*2.48*	*2.43*	*2.48*	*2.82*	*3.45*	*3.93*	*3.68*	*4.87*	*4.96*	*5.63*	*6.10*	*5.23*
173	03496000	36°00′53″	83°55′18″	FIRST CR, MINERAL SPRS AV, KNOXVILLE (1)	15.7	15.8	117	2.238	65	1.23	18
	2.50	3.04	22.0	9.83	2.62	2.67	2.79	3.13	3.62	4.71	6.21	8.25	11.8	16.1	22.0	31.0	47.6
	2.64	3.74	27.4	17.2	2.64	2.88	3.27	4.02	4.97	6.91	9.20	12.2	16.3	21.0	26.7	34.0	52.9
	2.50	3.27	22.1	11.9	2.35	2.60	2.92	3.39	4.00	5.12	6.51	8.37	11.2	14.9	20.4	28.7	46.5
	0.98	*1.03*	*0.79*	*1.51*	*0.79*	*0.66*	*0.70*	*0.71*	*0.79*	*0.91*	*1.00*	*1.10*	*1.09*	*1.14*	*1.01*	*0.96*	*1.17*
174	03496500	35°58′40″	83°54′51″	FIRST CR AT FIFTH AV AT KNOXVILLE (1)	21.1	22.0	118	2.239	58	1.39	16
	2.84	3.67	27.8	13.9	2.94	3.02	3.18	3.63	4.32	6.12	8.04	10.7	14.7	19.7	26.6	37.5	58.6
	4.14	5.83	39.7	25.9	4.10	4.48	5.10	6.31	7.81	10.8	14.3	18.9	24.9	31.4	39.1	49.4	76.9
	3.57	4.72	31.6	17.4	3.37	3.72	4.19	4.92	5.85	7.61	9.66	12.4	16.4	21.8	29.7	41.6	66.8
	1.03	*1.01*	*0.74*	*1.42*	*0.85*	*0.72*	*0.74*	*0.72*	*0.76*	*0.84*	*0.92*	*1.01*	*1.01*	*1.04*	*0.96*	*0.91*	*1.26*
175	03497000	35°57′17″	83°51′42″	TENNESSEE RIVER AT KNOXVILLE (1)	8933	8902	112	2.240	60	2.58	41
	2153	2885	13008	10195	1964	2205	2500	3100	3725	5060	6300	7670	9317	11400	13700	17600	26100
	2789	3756	14511	11688	2576	2919	3268	4007	4902	6435	7959	9643	11519	13764	16255	20130	28564
	1989	2623	15477	10477	1885	2063	2334	2900	3655	4947	6401	8082	10398	13134	16400	20847	31997
	2.08	*2.38*	*2.35*	*3.11*	*1.22*	*1.73*	*1.73*	*1.79*	*2.00*	*2.27*	*2.45*	*2.23*	*2.90*	*3.12*	*3.75*	*4.27*	*3.99*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

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MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
176	03497300	35°39′52″	83°42′41″	LITTLE RIVER ABOVE TOWNSEND (1)	106	106	131	2.257	10	9.34	38
	29.3	42.7	283	196	27.8	30.9	35.8	46.3	60.4	88.3	119	154	194	242	299	389	559
	27.6	42.4	238	172	24.9	28.0	33.1	44.7	59.0	87.3	116	144	170	207	255	328	461
	21.4	33.2	218	142	20.8	23.5	27.2	37.1	50.0	80.4	99.6	121	149	191	259	334	485
	1.06	*1.06*	*0.88*	*1.40*	*0.68*	*0.68*	*0.69*	*0.68*	*0.73*	*0.78*	*0.80*	*0.90*	*0.99*	*1.03*	*1.03*	*1.04*	*1.42*
177	03498000	35°45′58″	83°51′24″	LITTLE RIVER NEAR WALLAND (1)	192	192	105	2.248	18	8.58	20
	36.3	50.0	374	240	34.9	38.5	44.3	56.7	72.0	102	134	175	228	296	388	514	773
	35.8	54.4	382	247	33.5	37.5	44.5	58.7	75.9	110	147	188	234	301	390	525	780
	33.6	52.3	390	246	32.5	36.7	43.0	58.4	79.5	124	160	202	257	335	447	581	847
	1.23	*1.17*	*1.26*	*2.00*	*0.90*	*0.93*	*0.95*	*0.92*	*0.95*	*1.00*	*1.07*	*1.22*	*1.28*	*1.33*	*1.35*	*1.44*	*2.45*
178	03498500	35°47′10″	83°53′04″	LITTLE RIVER NEAR MARYVILLE (1)	269	269	99	2.247	26	6.70	50
	51.6	72.4	518	318	48.7	53.6	60.1	78.0	100	144	191	246	314	400	514	683	1043
	45.2	66.8	506	325	42.6	48.2	57.2	74.3	94.3	134	179	235	301	389	502	676	1039
	45.1	68.8	526	324	43.5	48.8	57.1	76.3	103	155	203	260	335	440	582	763	1128
	1.31	*1.26*	*1.50*	*2.53*	*1.03*	*1.09*	*1.07*	*1.09*	*1.14*	*1.26*	*1.38*	*1.56*	*1.60*	*1.64*	*1.72*	*1.86*	*2.78*
195	03518000	35°30′24″	84°00′14″	LITTLE TENNESSEE R AT CALDERWOOD (1)	1862	1867	147	2.288	51	2.83	6
	1212	1650	4639	3557	1088	1290	1450	1705	1931	2230	2540	2990	3540	4160	4890	6150	8440
	806	1109	3694	3063	703	823	953	1192	1432	1817	2191	2598	3000	3502	4055	4935	6803
	534	677	3405	2156	508	544	605	732	895	1161	1428	1739	2189	2776	3539	4515	6927
	2.04	*2.51*	*3.04*	*2.59*	*0.80*	*1.17*	*1.22*	*1.53*	*2.12*	*2.71*	*2.83*	*2.78*	*3.16*	*3.34*	*3.86*	*4.50*	*6.24*
196	03518500	35°21′42″	84°16′44″	TELLICO RIVER AT TELLICO PLAINS (1)	118	118	115	2.303	51	5.37	58
	29.4	42.8	282	183	28.1	31.1	36.3	46.3	60.2	84.7	112	146	188	237	299	387	562
	21.9	29.0	210	103	20.8	23.0	26.0	30.8	36.8	47.0	59.0	76.3	101	140	191	264	426
	25.3	35.3	233	128	24.4	26.3	30.1	37.9	48.3	64.5	82.2	104	134	179	238	314	472
	0.62	*0.59*	*1.96*	*1.55*	*0.62*	*0.61*	*0.62*	*0.61*	*0.64*	*0.71*	*0.79*	*0.92*	*1.09*	*1.33*	*1.61*	*2.18*	*4.18*
197	03519500	35°36′16″	84°12′43″	LITTLE TENNESSEE R AT McGHEE (1)	2443	2443	133	2.296	48	3.30	13
	1608	1905	6371	5326	1354	1530	1660	1989	2344	2785	3491	4264	5095	5936	6925	8359	11389
	980	1323	4729	3673	857	1003	1155	1423	1684	2122	2575	3089	3624	4308	5072	6310	9005
	626	821	4623	2860	598	645	725	897	1121	1496	1871	2310	2938	3766	4825	6163	9430
	2.05	*2.35*	*3.37*	*2.64*	*0.88*	*1.28*	*1.32*	*1.57*	*1.95*	*2.30*	*2.41*	*2.42*	*2.90*	*3.06*	*3.70*	*4.82*	*8.11*
198	03519640	35°40′21″	84°06′28″	BAKER CREEK NEAR GREENBACK (1)	16.0	16.6	121	2.251	75	1.14	9
	4.63	7.49	34.8	24.9	5.91	6.43	7.18	7.96	9.23	12.2	15.0	18.8	23.2	29.0	36.0	46.6	70.0
	2.92	3.98	28.9	17.3	2.93	3.17	3.54	4.26	5.20	7.08	9.33	12.4	16.8	21.8	27.8	35.6	56.6
	2.78	3.57	23.4	12.4	2.62	2.87	3.21	3.68	4.29	5.36	6.78	8.69	11.6	15.5	21.2	29.9	48.7
	1.11	*1.04*	*0.81*	*1.30*	*0.93*	*0.77*	*0.78*	*0.74*	*0.78*	*0.84*	*0.90*	*0.99*	*0.99*	*1.09*	*1.09*	*1.16*	*1.50*
199	03520000	35°44′33″	84°19′56″	TENNESSEE RIVER AT LOUDON (1)	12221	12219	116	2.254	57	2.76	19
	3286	4319	18511	13773	2978	3350	3870	4790	5770	7580	9420	11400	13800	16700	20300	25300	36700
	4158	5656	18897	16464	3873	4356	4850	5977	7354	9625	11687	13857	16059	18784	21672	26357	36753
	2868	3772	21934	14763	2725	2973	3357	4184	5285	7159	9210	11561	14815	18702	23332	29465	45151
	2.55	*2.76*	*3.27*	*2.77*	*1.32*	*1.99*	*1.87*	*1.82*	*1.94*	*2.04*	*2.18*	*2.11*	*2.83*	*3.18*	*4.21*	*5.60*	*5.98*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
207	03528000	36°25′30″	83°23′54″	CLINCH RIVER ABOVE TAZEWELL (1)	1474	1475	59	2.193	71	2.01	83
	141	191	2052	1038	135	151	168	211	265	386	546	777	1100	1510	2040	2865	4672
	141	208	2139	1261	136	156	181	231	297	441	627	868	1195	1615	2165	2981	4686
	106	168	2275	1268	101	119	143	189	257	393	585	841	1211	1667	2216	3087	4933
	0.71	*0.83*	*5.41*	*8.23*	*0.37*	*0.51*	*0.57*	*0.65*	*1.18*	*2.96*	*4.40*	*5.69*	*6.30*	*6.35*	*6.75*	*7.52*	*9.30*
208	03528300	36°22′56″	83°42′40″	BIG BARREN CR NEAR TAZEWELL (1)	19.0	20.4	105	2.209	100	1.97	10
	2.07	2.55	13.9	7.02	2.06	2.16	2.36	2.62	3.02	3.75	4.56	5.62	7.06	9.13	12.7	18.2	31.8
	2.75	3.67	26.1	15.4	2.66	2.93	3.28	3.84	4.57	6.06	7.80	10.3	13.9	19.0	25.3	34.4	56.6
	3.70	4.86	30.1	17.4	3.47	3.78	4.28	5.02	6.01	7.44	9.64	12.5	16.5	21.8	28.8	39.7	61.8
	1.24	*1.30*	*0.56*	*1.40*	*0.99*	*0.86*	*0.92*	*0.94*	*1.00*	*1.04*	*1.07*	*1.10*	*1.02*	*0.93*	*0.77*	*0.70*	*1.01*
209	03528400	36°20′42″	83°53′40″	WHITE CREEK NR SHARPS CHAPEL (1)	2.68	2.62	113	2.222	100	1.97	33
	0.59	0.72	3.62	1.90	0.58	0.63	0.68	0.76	0.84	0.96	1.15	1.40	1.75	2.26	3.02	4.33	7.40
	0.36	0.50	3.53	1.77	0.36	0.40	0.43	0.49	0.57	0.75	0.97	1.27	1.75	2.32	3.09	4.25	6.99
	0.48	0.63	3.81	2.05	0.45	0.49	0.55	0.64	0.75	0.90	1.15	1.47	1.95	2.61	3.53	4.99	7.78
	0.75	*0.72*	*0.93*	*1.64*	*0.74*	*0.53*	*0.53*	*0.51*	*0.58*	*0.68*	*0.74*	*0.83*	*1.13*	*1.38*	*1.28*	*0.95*	*1.18*
214	03532000	36°32′30″	83°37′49″	POWELL RIVER NEAR ARTHUR (1)	685	688	67	2.188	72	2.24	65
	80.5	102	1127	554	78.4	86.2	93.7	111	137	202	286	405	580	794	1090	1550	2523
	61.1	92.3	1031	608	59.9	69.2	80.8	104	138	210	298	412	563	758	1012	1401	2212
	64.6	98.3	1061	621	61.3	70.9	84.1	109	145	212	304	424	593	800	1053	1450	2278
	0.54	*0.60*	*5.08*	*5.60*	*0.36*	*0.46*	*0.51*	*0.56*	*1.00*	*2.21*	*3.11*	*4.13*	*4.95*	*5.36*	*5.95*	*7.01*	*10.4*
215	03533000	36°12′56″	84°04′56″	CLINCH RIVER BELOW NORRIS DAM (1)	2913	2914	60	2.233	70	2.07	31
	290	454	4626	2701	301	357	406	517	706	1050	1490	2010	2632	3450	4600	6400	10500
	246	357	4178	2295	240	272	314	398	515	778	1111	1544	2215	3067	4201	5881	9286
	212	336	4772	2521	204	239	287	381	522	797	1185	1701	2461	3424	4574	6345	10222
	1.89	*2.64*	*7.51*	*11.9*	*1.28*	*1.80*	*1.94*	*2.22*	*2.98*	*4.57*	*5.60*	*5.49*	*7.66*	*8.42*	*11.5*	*13.4*	*9.03*
216	03535000	36°06′52″	83°59′16″	BULLRUN CR NR HALLS CROSSROADS (1)	68.5	68.6	89	2.235	39	2.13	30
	5.24	7.64	96.7	45.6	5.40	6.13	6.85	8.12	9.68	14.3	19.8	27.9	40.0	57.5	81.0	117	196
	8.59	12.5	112	65.2	8.27	9.26	10.7	13.4	16.7	24.0	32.4	44.2	59.7	79.9	106	146	237
	7.68	11.4	107	58.2	7.33	8.40	9.77	12.4	15.9	23.1	31.1	41.3	56.3	76.2	105	146	233
	1.15	*1.19*	*0.71*	*2.24*	*1.01*	*0.98*	*1.07*	*1.10*	*1.17*	*1.32*	*1.43*	*1.54*	*1.45*	*1.33*	*1.14*	*1.22*	*2.29*
217	03537500	35°54′38″	84°18′54″	MELTON BRANCH NEAR OAK RIDGE (1)	1.48	1.50	120	2.249	41	2.13	8
	0.00	0.15	2.47	0.92	0.00	0.00	0.00	0.09	0.14	0.30	0.50	0.68	0.94	1.31	1.84	2.87	5.28
	0.22	0.31	2.19	1.05	0.21	0.23	0.26	0.30	0.37	0.49	0.62	0.78	1.06	1.41	2.01	2.97	4.77
	0.23	0.32	2.25	1.15	0.22	0.24	0.27	0.33	0.39	0.52	0.66	0.84	1.11	1.51	2.13	3.04	4.80
	0.54	*0.56*	*1.05*	*1.75*	*0.53*	*0.37*	*0.39*	*0.41*	*0.51*	*0.66*	*0.74*	*0.85*	*1.23*	*1.61*	*1.85*	*1.27*	*1.59*
218	03538225	35°59′55″	84°20′23″	POPLAR CREEK NEAR OAK RIDGE (1, 2)	82.5	82.8	46	2.246	51	2.69	28
	4.78	7.39	165	86.1	5.08	5.73	6.48	8.09	11.0	17.9	28.5	43.8	67.5	99.6	141	203	340
	1.70	3.14	136	53.0	1.71	2.10	2.64	3.74	5.46	9.69	16.0	26.7	48.5	76.3	116	181	315
	2.63	4.96	137	56.0	2.57	3.16	3.99	5.65	8.28	14.1	22.7	35.4	55.3	84.0	123	185	303
	0.98	*1.33*	*4.56*	*6.81*	*0.60*	*0.60*	*0.63*	*0.72*	*0.82*	*1.01*	*1.22*	*1.46*	*3.46*	*3.43*	*5.76*	*7.84*	*6.75*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
219	03538270	35°56′14″	84°20′22″	BEAR CR AT ST HWY 95 NR OAK RIDGE (1, 2)	4.26	4.02	65	2.249	28	2.56	15
	0.26	0.42	7.56	4.02	0.23	0.26	0.32	0.44	0.60	0.95	1.47	2.10	3.03	4.54	6.52	9.87	16.5
	0.33	0.48	5.97	2.82	0.33	0.37	0.42	0.51	0.64	0.93	1.28	1.78	2.52	3.57	5.43	8.40	13.8
	0.22	0.38	6.32	2.77	0.21	0.26	0.31	0.41	0.56	0.91	1.31	1.86	2.70	3.94	5.85	8.77	14.2
	0.80	*0.91*	*1.49*	*1.85*	*1.00*	*0.90*	*0.97*	*1.10*	*1.26*	*1.52*	*1.62*	*1.75*	*1.60*	*1.28*	*2.10*	*3.67*	*4.06*
220	03538500	36°06′46″	84°36′54″	EMORY RIVER NEAR WARTBURG (1, 2)	83.2	83.0	34	2.247	71	3.04	25
	0.00	0.00	144	43.7	0.00	0.00	0.00	0.75	1.50	3.20	8.41	19.4	38.9	71.0	117	191	354
	0.74	2.26	155	50.8	0.11	1.10	1.61	2.67	4.68	9.26	16.4	27.9	49.6	86.9	134	205	364
	0.68	1.65	140	43.1	0.10	0.91	1.24	1.97	3.30	6.60	12.9	23.7	42.8	73.5	114	187	319
	1.06	*1.70*	*5.07*	*4.31*	*0.49*	*0.57*	*0.65*	*0.80*	*0.95*	*1.46*	*1.91*	*2.25*	*2.87*	*3.16*	*5.56*	*6.82*	*6.88*
221	03539500	35°55′33″	84°54′48″	DADDYS CREEK NEAR CRAB ORCHARD (1, 2)	93.5	94.4	32	2.283	20	3.06	27
	0.00	0.25	174	39.7	0.00	0.07	0.13	0.41	0.95	3.38	9.29	26.8	56.4	100	157	261	479
	0.15	0.51	166	43.4	0.11	0.24	0.36	0.69	1.33	4.08	9.97	21.9	43.9	79.1	129	206	389
	0.25	0.78	166	41.2	0.19	0.38	0.55	0.99	1.88	4.89	10.5	21.2	41.7	77.2	132	231	416
	0.81	*1.43*	*8.84*	*5.15*	*0.41*	*0.47*	*0.53*	*0.72*	*0.97*	*1.68*	*2.52*	*3.28*	*3.87*	*3.79*	*5.88*	*6.05*	*8.24*
222	03539600	35°59′53″	84°49′24″	DADDYS CREEK NEAR HEBBERTSBURG (1, 2)	139	140	32	2.279	25	2.95	14
	0.44	1.68	244	85.5	0.37	0.58	0.96	2.07	4.48	10.7	22.5	49.3	92.3	147	227	326	610
	0.23	0.92	249	69.9	0.25	0.39	0.62	1.29	2.64	7.55	17.6	37.3	72.8	127	202	320	590
	0.40	1.21	245	61.8	0.41	0.60	0.86	1.54	2.88	7.32	15.8	31.8	62.3	115	194	338	605
	1.01	*1.61*	*8.86*	*5.38*	*0.43*	*0.51*	*0.58*	*0.80*	*1.11*	*1.82*	*2.72*	*3.54*	*4.18*	*4.13*	*6.27*	*6.49*	*8.86*
223	03539778	36°06′11″	84°43′06″	CLEAR CR, LILLY BRIDGE RD, LANCING (1, 2)	170	171	33	2.249	19	3.80	5
	0.25	0.88	236	142	0.30	0.45	0.65	1.15	2.43	6.48	11.4	23.8	62.3	120	188	303	539
	0.40	1.13	302	85.9	0.42	0.56	0.79	1.60	3.15	9.07	20.9	45.8	90.9	155	249	389	710
	0.78	2.23	303	90.8	0.80	1.14	1.61	2.83	5.17	12.9	26.1	49.6	91.5	160	261	436	753
	1.06	*1.72*	*8.85*	*7.25*	*0.47*	*0.55*	*0.65*	*0.87*	*1.23*	*1.92*	*2.93*	*4.45*	*5.58*	*5.21*	*8.04*	*7.31*	*8.31*
224	03539800	36°04′53″	84°40′15″	OBED RIVER NEAR LANCING (1)	518	519	32	2.249	20	3.35	29
	1.50	5.32	987	315	1.32	1.85	3.00	8.35	18.0	44.6	95.9	206	379	597	905	1400	2354
	1.45	4.08	941	274	1.47	2.02	2.93	6.26	12.7	36.1	81.3	170	322	530	820	1251	2256
	1.57	4.78	915	258	1.60	2.36	3.42	6.21	11.8	31.2	67.2	134	259	466	770	1305	2302
	1.39	*2.27*	*11.1*	*11.1*	*0.59*	*0.71*	*0.84*	*1.21*	*1.77*	*3.01*	*4.62*	*6.75*	*7.72*	*7.29*	*8.84*	*8.72*	*9.91*
225	03540000	36°01′39″	84°34′47″	EMORY RIVER AT DEERMONT (1)	704	705	33	2.251	31	3.25	6
	3.54	6.42	1408	535	4.23	4.48	4.98	8.58	19.0	68.2	165	371	657	992	1320	1996	3449
	4.23	11.0	1236	414	4.23	5.63	8.00	15.5	29.0	68.5	137	259	458	729	1095	1644	2920
	3.71	10.1	1244	384	3.75	5.27	7.41	12.7	22.9	53.9	110	209	386	667	1058	1734	3003
	1.33	*1.89*	*11.0*	*11.4*	*0.59*	*0.72*	*0.85*	*1.20*	*1.78*	*3.07*	*4.80*	*6.92*	*7.83*	*7.44*	*8.97*	*9.19*	*10.3*
226	03540500	35°58′59″	84°33′29″	EMORY RIVER AT OAKDALE (1)	764	765	33	2.253	30	3.25	74
	0.85	5.04	1463	496	0.90	1.78	3.57	8.68	21.1	63.3	144	300	561	904	1444	2060	3838
	4.71	11.9	1339	445	4.70	6.19	8.72	16.9	31.5	74.4	149	281	498	791	1191	1785	3165
	3.99	10.9	1354	417	4.04	5.68	7.99	13.7	24.8	58.6	119	227	420	726	1153	1889	3274
	1.32	*1.87*	*10.9*	*11.3*	*0.58*	*0.71*	*0.84*	*1.19*	*1.76*	*3.04*	*4.75*	*6.85*	*7.76*	*7.37*	*8.91*	*9.12*	*10.3*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
227	03541300	35°59′22″	84°29′16″	BITTER CREEK NEAR OAKDALE (1, 2)	12.6	12.7	34	2.250	70	2.72	8
	0.12	0.37	31.7	13.2	0.10	0.15	0.20	0.32	0.56	1.22	2.71	5.18	10.4	17.6	26.0	38.6	68.6
	0.00	0.51	22.9	7.93	0.00	0.00	0.00	0.53	0.83	1.51	2.53	4.10	7.07	12.2	19.9	30.4	52.3
	0.00	0.23	20.5	5.88	0.00	0.00	0.00	0.27	0.44	0.88	1.71	3.17	5.79	10.1	16.1	27.3	47.1
	0.58	*0.90*	*3.13*	*4.14*	*0.52*	*0.57*	*0.68*	*0.97*	*1.18*	*1.66*	*2.07*	*2.25*	*2.60*	*3.01*	*3.72*	*3.99*	*4.71*
228	03541500	35°47′49″	84°45′37″	WHITES CREEK NEAR GLEN ALICE (1, 2)	108	109	32	2.275	32	2.93	21
	0.12	0.36	213	54.0	0.11	0.18	0.23	0.39	1.16	4.81	12.9	27.2	56.5	112	182	293	524
	0.18	0.75	195	57.2	0.19	0.33	0.53	1.02	2.02	5.93	14.0	29.6	56.7	97.2	154	245	460
	0.33	0.99	190	48.0	0.34	0.49	0.71	1.24	2.31	5.67	12.2	24.6	48.3	89.0	149	259	463
	0.97	*1.61*	*8.29*	*4.96*	*0.44*	*0.50*	*0.56*	*0.76*	*1.01*	*1.66*	*2.43*	*3.24*	*3.86*	*4.00*	*6.03*	*6.11*	*8.31*
229	03543500	35°34′53″	84°44′53″	SEWEE CREEK NEAR DECATUR (1)	117	117	79	2.300	47	2.06	60
	14.0	18.3	191	82.0	14.1	15.0	16.8	19.9	23.9	30.9	40.1	55.4	77.8	111	161	240	415
	9.99	14.6	202	85.1	9.66	10.9	12.7	16.0	20.1	28.5	39.3	55.1	83.0	124	183	271	453
	10.6	16.2	198	91.5	10.3	11.8	13.9	17.8	23.2	34.0	47.0	64.5	91.3	129	182	258	421
	0.65	*0.62*	*2.67*	*3.24*	*0.63*	*0.61*	*0.60*	*0.64*	*0.71*	*0.82*	*0.93*	*1.05*	*1.97*	*1.99*	*2.35*	*3.29*	*5.12*
230	03544500	35°30′17″	85°01′20″	RICHLAND CREEK NEAR DAYTON (1, 2)	50.2	50.3	32	2.325	16	3.69	27
	0.00	0.11	104	32.2	0.00	0.00	0.08	0.19	0.36	1.08	5.13	16.1	36.0	63.5	102	160	265
	0.00	0.19	89.4	22.1	0.00	0.00	0.14	0.26	0.49	1.71	4.61	10.7	22.4	40.9	67.8	111	209
	0.00	0.39	94.7	21.4	0.00	0.00	0.28	0.50	0.97	2.58	5.55	11.2	22.3	42.2	74.3	131	237
	1.28	*2.11*	*11.4*	*4.42*	*0.53*	*0.62*	*0.71*	*0.88*	*1.13*	*2.37*	*3.35*	*3.40*	*3.46*	*3.75*	*5.88*	*8.90*	*15.6*
237	03556000	35°07′57″	84°20′37″	TURTLETOWN CR AT TURTLETOWN (1)	26.9	27.5	135	2.313	81	2.39	37
	13.2	16.8	51.5	43.4	12.6	13.9	15.4	17.7	20.9	25.5	30.2	35.6	42.2	49.6	58.6	68.8	87.5
	6.07	7.64	46.3	22.6	5.71	6.15	6.85	7.86	9.16	11.2	13.7	17.0	22.2	29.6	40.5	56.2	90.4
	6.33	8.07	47.1	24.1	6.03	6.39	7.14	8.33	9.87	11.9	14.8	18.5	24.2	32.6	43.8	59.8	93.8
	0.65	*0.60*	*4.17*	*1.29*	*0.67*	*0.57*	*0.60*	*0.59*	*0.64*	*0.72*	*0.75*	*0.78*	*1.02*	*1.65*	*3.23*	*7.13*	*12.7*
238	03557000	35°13′20″	84°31′34″	HIWASSEE RIVER NEAR RELIANCE (1)	1223	1223	139	2.313	51	3.12	34
	366	565	2635	2033	337	408	492	659	802	1030	1305	1620	1978	2400	2910	3560	4813
	482	665	2624	2001	422	496	573	715	861	1100	1352	1632	1970	2352	2802	3486	4870
	319	413	2315	1365	305	327	366	447	552	722	895	1102	1406	1820	2357	3040	4683
	1.92	*2.05*	*3.42*	*2.13*	*0.91*	*1.21*	*1.16*	*1.35*	*1.63*	*1.87*	*1.96*	*2.08*	*2.33*	*2.64*	*3.20*	*4.12*	*6.61*
240	03559500	34°59′29″	84°22′33″	OCOEE RIVER AT COPPERHILL (1)	352	353	146	2.318	55	2.74	11
	245	287	881	808	234	247	271	311	350	423	512	609	721	845	968	1163	1523
	129	182	797	551	110	126	147	185	228	298	368	445	542	665	822	1042	1480
	91.9	117	645	364	87.9	93.7	104	125	152	193	237	291	372	486	638	837	1301
	1.21	*1.01*	*1.99*	*1.06*	*0.68*	*0.78*	*0.77*	*0.77*	*0.79*	*0.74*	*0.73*	*0.85*	*0.95*	*1.16*	*1.51*	*2.12*	*4.42*
242	03561500	35°00′25″	84°24′46″	OCOEE RIVER AT McHARG (1)	447	447	150	2.318	58	2.67	12
	211	322	1172	1007	140	183	281	375	437	573	703	817	962	1150	1320	1580	2080
	184	260	1039	748	155	179	208	261	320	414	507	609	735	891	1089	1364	1908
	123	155	819	467	117	125	138	165	199	250	306	375	478	621	810	1058	1643
	1.16	*1.01*	*1.95*	*1.01*	*0.59*	*0.72*	*0.72*	*0.73*	*0.76*	*0.73*	*0.71*	*0.83*	*0.94*	*1.15*	*1.48*	*2.10*	*4.32*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
243	03562000	35°02′12″	84°26′09″	BRUSH CREEK NEAR DUCKTOWN (1)								14.4	14.2	175	2.318	71	2.47	8
	5.01	6.31	26.3	25.7	5.28	5.46	5.82	6.59	7.80	10.1	12.4	14.9	17.8	21.2	26.4	33.8	47.7
	4.52	6.89	34.6	23.5	4.28	5.05	5.98	7.37	9.07	11.6	14.4	18.0	23.0	29.5	36.5	45.4	63.3
	4.36	5.30	24.4	13.0	4.15	4.31	4.74	5.39	6.20	7.25	8.58	10.3	13.1	17.2	23.1	31.1	48.4
	0.43	*0.39*	*2.27*	*0.62*	*0.28*	*0.23*	*0.24*	*0.23*	*0.25*	*0.29*	*0.32*	*0.38*	*0.52*	*0.96*	*1.89*	*3.84*	*5.64*
244	03563000	35°05′48″	84°32′07″	OCOEE RIVER AT EMF (1)								524	522	152	2.318	57	2.82	17
	259	362	1322	1075	194	263	320	385	452	582	733	869	1040	1242	1471	1770	2384
	220	312	1214	891	183	214	249	312	383	495	604	723	869	1049	1279	1594	2222
	148	187	965	558	142	150	167	199	240	303	369	450	572	741	963	1252	1936
	1.38	*1.15*	*2.21*	*1.10*	*0.68*	*0.83*	*0.82*	*0.84*	*0.88*	*0.81*	*0.77*	*0.90*	*1.00*	*1.23*	*1.58*	*2.25*	*4.78*
245	03565040	35°26′24″	84°26′51″	CHESTUEE CREEK AB ENGLEWOOD (1)								14.8	14.8	119	2.304	22	0.64	13
	2.21	2.70	24.0	10.6	2.32	2.52	2.63	2.96	3.49	4.67	6.46	8.49	11.6	16.1	22.6	31.4	49.1
	2.05	2.72	25.8	10.7	2.02	2.20	2.46	2.90	3.43	4.39	5.55	7.35	10.8	15.9	23.5	33.2	54.3
	1.37	1.95	20.0	9.06	1.32	1.54	1.74	2.08	2.49	3.67	4.67	6.11	8.48	11.7	17.5	25.8	45.0
	0.57	*0.53*	*1.47*	*1.00*	*0.62*	*0.51*	*0.52*	*0.51*	*0.54*	*0.58*	*0.60*	*0.64*	*0.72*	*1.06*	*1.98*	*4.01*	*8.28*
246	03565120	35°24′05″	84°31′22″	CHESTUEE CREEK AT ZION HILL (1)								37.8	37.8	102	2.306	26	0.84	18
	7.45	8.97	59.2	27.1	7.52	7.84	8.48	9.65	11.3	14.2	18.1	23.1	30.0	40.3	55.8	77.4	119
	5.80	7.74	67.8	32.5	5.64	6.08	6.85	8.23	10.0	13.4	17.2	23.1	32.9	47.7	67.6	95.7	149
	3.26	4.77	54.5	24.6	3.15	3.68	4.21	5.16	6.38	9.51	12.5	16.7	23.4	32.7	48.0	70.2	121
	0.53	*0.55*	*1.48*	*1.62*	*0.66*	*0.59*	*0.63*	*0.65*	*0.74*	*0.87*	*0.97*	*1.08*	*1.15*	*1.49*	*2.19*	*2.99*	*5.17*
247	03565160	35°25′16″	84°31′16″	MIDDLE CR BL HWY 39 NR ENGLEWOOD (1)								32.7	32.6	128	2.306	33	0.89	17
	7.47	8.78	51.4	25.2	7.39	7.79	8.48	9.54	11.0	13.7	17.4	22.7	28.9	38.6	52.6	73.1	109
	7.08	9.02	57.4	29.2	6.91	7.41	8.19	9.45	11.1	13.8	17.0	21.7	30.1	40.4	53.4	72.6	115
	4.22	5.71	47.3	22.8	4.04	4.57	5.13	6.05	7.20	9.93	12.5	16.0	21.7	29.5	42.3	60.4	102
	0.56	*0.53*	*2.27*	*1.33*	*0.66*	*0.57*	*0.58*	*0.58*	*0.62*	*0.72*	*0.79*	*0.86*	*1.03*	*1.41*	*2.15*	*3.39*	*5.63*
248	03565250	35°16′57″	84°36′32″	CHESTUEE CREEK AT DENTVILLE (1)								114	114	112	2.312	32	0.90	18
	22.2	27.2	181	82.8	24.2	25.0	26.4	29.6	33.8	44.1	55.3	72.8	94.3	129	177	255	388
	20.9	28.7	219	111	20.0	22.1	25.4	30.8	37.6	49.4	63.1	83.0	110	151	204	284	451
	12.6	17.5	169	80.5	12.1	13.8	15.7	19.0	23.2	33.2	42.9	56.1	77.4	106	151	216	368
	0.80	*0.74*	*3.03*	*2.01*	*0.85*	*0.82*	*0.81*	*0.79*	*0.83*	*0.93*	*1.03*	*1.19*	*1.39*	*1.76*	*2.20*	*3.11*	*6.39*
249	03565300	35°10′02″	84°42′59″	S CHESTUEE CREEK NEAR BENTON (1)								31.8	31.6	75	2.319	34	0.96	29
	2.49	3.46	50.2	19.1	2.32	2.69	3.23	4.06	4.77	6.39	8.58	12.4	18.0	26.3	38.5	58.2	101
	2.29	3.33	49.8	17.5	2.15	2.42	2.84	3.61	4.57	6.40	8.68	11.9	17.5	27.1	45.0	74.2	121
	1.81	2.85	47.1	18.8	1.76	2.09	2.46	3.12	4.03	6.20	8.69	12.3	18.1	26.5	39.8	59.9	104
	0.58	*0.61*	*1.58*	*1.88*	*0.66*	*0.61*	*0.62*	*0.66*	*0.76*	*0.93*	*1.06*	*1.18*	*1.16*	*1.14*	*1.97*	*3.25*	*4.79*
250	03565500	35°19′39″	84°42′18″	OOSTANAULA CREEK NEAR SANFORD (1)								57.0	57.9	137	2.311	62	1.33	35
	15.9	19.2	92.7	52.1	15.1	15.9	17.5	20.2	23.1	25.8	28.5	34.7	56.5	71.6	91.5	119	181
	14.9	18.9	111	59.0	14.3	15.4	17.1	19.9	23.4	29.3	36.3	46.0	60.1	79.3	106	143	220
	11.1	14.1	90.9	46.1	10.6	11.4	12.7	14.8	17.3	21.8	27.0	34.0	45.1	60.4	82.6	114	186
	0.87	*0.78*	*2.41*	*1.42*	*0.92*	*0.84*	*0.85*	*0.78*	*0.81*	*0.87*	*0.89*	*0.98*	*1.09*	*1.36*	*1.87*	*2.44*	*4.99*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
251	03566000	35°17′16″	84°45′07″	HIWASSEE RIVER AT CHARLESTON (1)	2298	2299	134	2.313	52	2.73	23
	780	1200	4835	3640	602	846	1000	1250	1544	2068	2510	2940	3563	4277	5231	6451	9078
	866	1178	4376	3435	762	891	1027	1272	1520	1936	2361	2833	3357	4003	4738	5877	8311
	564	733	4297	2532	541	582	652	799	989	1303	1630	2021	2597	3362	4347	5607	8719
	2.14	*2.68*	*3.81*	*3.23*	*0.95*	*1.39*	*1.45*	*1.86*	*2.63*	*3.31*	*3.39*	*3.23*	*3.74*	*4.08*	*5.07*	*6.17*	*8.83*
252	03566420	35°03′43″	85°03′59″	WOLFTEVER CREEK NEAR OOLTEWAH (1, 2)	18.8	19.1	65	2.349	48	1.04	25
	1.69	2.59	32.2	13.1	1.42	1.69	2.11	2.95	3.89	5.08	6.65	9.07	13.1	18.4	25.9	37.8	66.7
	1.00	1.55	31.8	10.2	0.96	1.11	1.32	1.72	2.24	3.25	4.74	7.04	10.6	16.3	25.8	40.7	70.7
	0.89	1.45	29.6	10.4	0.87	1.04	1.24	1.58	2.08	3.15	4.58	6.68	10.2	15.6	23.7	36.5	64.0
	0.93	*0.98*	*3.38*	*2.42*	*0.80*	*0.72*	*0.77*	*0.88*	*1.09*	*1.36*	*1.53*	*1.55*	*1.44*	*1.57*	*3.36*	*6.25*	*6.70*
253	03567500	35°00′51″	85°12′35″	S CHICKAMAUGA CR NR CHICKAMAUGA (1)	428	428	91	2.351	41	1.37	62
	85.4	103	702	308	76.0	82.4	91.8	110	125	153	185	231	300	406	564	824	1501
	75.5	98.9	819	390	67.1	75.6	86.5	106	126	167	219	295	397	554	752	1059	1752
	41.5	60.9	726	321	40.4	46.2	53.4	67.2	85.9	125	169	228	322	455	645	912	1538
	1.58	*1.76*	*5.35*	*4.48*	*1.60*	*1.81*	*1.80*	*1.97*	*2.22*	*2.52*	*2.78*	*3.03*	*3.51*	*3.98*	*5.36*	*7.10*	*13.0*
255	03571000	35°12′22″	85°29′48″	SEQUATCHIE RIVER NEAR WHITWELL (1)	402	400	64	2.349	50	2.58	73
	32.5	42.1	759	285	32.4	36.4	40.7	49.2	62.8	96.8	142	215	341	514	729	1070	1791
	26.8	39.1	662	261	26.0	29.4	34.1	43.2	55.0	80.8	117	170	258	398	583	872	1506
	26.2	43.0	751	307	25.7	30.0	36.0	48.4	66.7	103	150	215	318	469	670	961	1583
	2.56	*3.37*	*8.29*	*7.22*	*2.49*	*2.84*	*3.14*	*3.97*	*5.09*	*5.95*	*5.84*	*5.02*	*5.70*	*6.67*	*8.53*	*10.4*	*13.8*
267	03578000	35°17′48″	85°52′12″	ELK RIVER NEAR PELHAM (1, 2)	65.6	65.2	48	2.352	35	2.50	37
	1.50	2.53	138	36.3	1.56	1.78	2.01	2.70	4.19	8.28	16.1	30.8	54.0	84.9	125	183	322
	1.76	3.05	118	35.4	1.78	2.10	2.57	3.55	5.03	8.61	13.9	22.3	39.1	65.7	99.5	148	261
	1.82	3.51	119	39.9	1.81	2.24	2.82	4.03	5.95	10.4	16.5	25.8	41.1	65.2	100	154	263
	0.91	*1.11*	*9.44*	*3.29*	*0.59*	*0.64*	*0.74*	*0.92*	*1.78*	*3.00*	*3.04*	*2.75*	*2.74*	*3.82*	*8.44*	*13.1*	*15.1*
268	03578500	35°21′21″	85°58′45″	BRADLEY CR NR PRAIRIE PLAINS (1)	41.3	38.4	115	2.351	59	1.09	8
	3.24	3.69	64.9	27.4	3.08	3.39	3.69	4.08	4.79	7.33	9.81	14.3	21.9	37.2	56.4	83.1	141
	5.27	6.85	61.7	24.1	4.96	5.39	6.05	7.05	8.34	10.7	13.3	17.1	23.7	35.0	51.9	77.2	130
	5.06	6.79	60.5	26.3	4.87	5.38	6.08	7.14	8.54	11.1	14.3	18.7	25.9	36.3	51.6	74.1	125
	0.57	*0.48*	*12.6*	*2.21*	*0.84*	*0.74*	*0.75*	*0.73*	*0.78*	*0.83*	*0.89*	*1.06*	*1.60*	*2.95*	*8.92*	*13.8*	*22.8*
269	03579100	35°17′08″	86°06′20″	ELK RIVER AT ESTILL SPRINGS (1)	275	273	96	2.373	53	1.71	31
	32.4	46.0	483	205	30.8	40.6	43.7	51.1	56.5	72.6	105	152	225	333	475	679	1141
	37.7	50.3	463	201	35.4	39.3	44.7	54.2	64.8	85.1	111	148	203	289	408	589	995
	31.5	45.1	488	211	30.7	34.3	39.5	49.1	62.1	86.1	115	153	215	305	430	604	1004
	1.51	*1.90*	*12.6*	*6.88*	*1.74*	*2.06*	*2.42*	*2.92*	*3.37*	*4.00*	*4.36*	*5.10*	*6.29*	*7.74*	*11.8*	*13.0*	*17.7*
270	03580300	35°11′14″	86°05′42″	BOILING FORK CR AB WINCHESTER (1, 2)	55.9	55.3	52	2.377	70	1.78	9
	3.44	4.21	83.6	28.1	3.38	3.59	4.01	4.86	6.00	8.54	12.6	21.4	32.1	49.1	74.8	112	190
	2.07	3.50	93.6	23.8	2.07	2.43	2.93	3.87	5.10	7.56	10.7	15.8	25.6	44.0	72.9	111	196
	2.03	3.56	97.8	31.6	2.01	2.39	2.95	3.96	5.52	8.58	13.3	20.4	32.4	51.3	77.5	119	206
	0.88	*0.94*	*9.38*	*2.91*	*0.56*	*0.58*	*0.66*	*0.79*	*1.49*	*2.46*	*2.58*	*2.37*	*2.46*	*3.57*	*6.94*	*12.1*	*12.2*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
271	03582000	35°08′04″	86°32′23″	ELK RIVER ABOVE FAYETTEVILLE (1)	827	827	84	2.381	59	1.66	17
	146	163	1413	619	143	148	160	174	198	250	328	448	638	952	1380	1975	3238
	110	147	1386	644	105	116	131	158	190	257	342	456	644	898	1260	1810	3028
	81.4	119	1510	634	79.5	89.7	104	132	171	242	332	455	653	936	1315	1850	3103
	2.23	*2.68*	*10.3*	*9.92*	*2.21*	*2.80*	*2.99*	*3.50*	*4.02*	*4.76*	*5.24*	*5.33*	*6.88*	*7.53*	*10.0*	*12.6*	*20.2*
272	03582500	35°08′10″	86°35′15″	ELK RIVER NEAR FAYETTEVILLE (1)	897	897	81	2.382	59	1.67	10
	131	159	1533	773	111	120	140	177	207	277	390	546	743	1010	1385	1966	3327
	112	152	1499	702	105	119	134	163	199	272	367	492	701	981	1378	1980	3296
	83.3	124	1642	682	81.5	92.3	108	137	178	255	353	487	703	1013	1426	2012	3380
	2.26	*2.73*	*11.2*	*9.89*	*2.24*	*2.90*	*3.11*	*3.65*	*4.19*	*4.88*	*5.35*	*5.54*	*7.08*	*7.90*	*10.6*	*13.7*	*21.8*
273	03583000	35°11′31″	86°50′43″	BRADSHAW CREEK AT FRANKEWING (1, 2)	36.5	36.5	44	2.386	54	2.03	8
	0.00	0.15	61.2	19.2	0.00	0.00	0.00	0.18	0.69	2.77	5.78	10.3	17.4	27.0	42.0	69.4	135
	0.74	1.41	62.4	15.9	0.74	0.91	1.13	1.55	2.28	4.06	6.50	10.6	17.4	30.0	48.5	76.6	136
	0.78	1.53	66.2	19.1	0.78	0.97	1.23	1.75	2.58	4.42	7.28	11.8	19.7	32.7	51.4	81.9	143
	1.16	*1.27*	*8.44*	*3.06*	*0.60*	*0.63*	*0.69*	*0.77*	*1.26*	*2.38*	*2.68*	*2.50*	*2.41*	*3.48*	*6.25*	*9.05*	*8.85*
274	03583300	35°19′10″	86°52′20″	RICHLAND CREEK NR CORNERSVILLE (1, 2)	47.5	47.9	37	2.381	56	1.82	8
	0.56	1.10	77.0	24.8	0.70	0.87	0.98	1.24	1.80	3.33	6.10	10.1	16.7	27.5	46.2	77.1	159
	0.49	1.12	75.7	16.6	0.00	0.00	0.84	1.23	1.89	3.73	6.24	10.6	17.9	32.7	56.8	93.7	166
	0.49	1.09	85.3	21.4	0.00	0.00	0.85	1.28	2.02	3.81	6.92	12.2	22.0	38.7	63.0	105	190
	1.18	*1.57*	*10.1*	*3.69*	*0.53*	*0.61*	*0.70*	*0.79*	*1.20*	*2.48*	*3.07*	*2.92*	*2.64*	*3.21*	*6.09*	*10.4*	*15.3*
275	03583500	35°15′08″	87°10′08″	WEAKLEY CREEK NR BODENHAM (1)	24.4	24.1	111	2.400	76	2.46	10
	3.78	4.94	36.0	15.7	4.23	4.41	4.76	5.46	6.30	7.63	10.1	12.5	15.8	21.7	31.3	48.1	78.6
	3.04	4.32	38.4	14.0	3.00	3.29	3.75	4.57	5.57	7.19	8.93	11.3	15.7	22.6	31.9	47.1	77.3
	3.77	5.15	45.6	18.6	3.67	3.94	4.49	5.40	6.63	8.38	10.8	14.1	19.4	27.8	39.3	55.5	90.0
	0.54	*0.53*	*8.84*	*3.31*	*0.71*	*0.63*	*0.69*	*0.75*	*0.90*	*1.18*	*1.43*	*1.98*	*2.92*	*4.34*	*11.8*	*21.5*	*16.2*
276	03584000	35°12′51″	87°06′05″	RICHLAND CREEK NEAR PULASKI (1)	366	367	62	2.392	65	2.09	41
	15.7	26.2	613	180	17.4	20.4	24.4	31.6	41.3	61.8	92.0	131	196	307	487	773	1419
	24.0	34.6	582	208	24.1	26.6	30.9	38.2	47.7	67.6	94.7	134	207	327	508	765	1319
	21.7	35.3	695	253	21.4	24.8	29.9	39.6	54.1	81.2	120	175	265	401	582	851	1436
	1.33	*1.79*	*11.7*	*6.23*	*1.09*	*1.31*	*1.49*	*1.93*	*2.77*	*3.99*	*4.45*	*4.34*	*4.82*	*7.01*	*12.5*	*15.4*	*19.0*
277	03584500	35°01′39″	86°56′52″	ELK RIVER NEAR PROSPECT (1)	1784	1785	68	2.397	60	1.79	37
	160	216	3043	1348	149	179	208	247	299	452	655	944	1384	1936	2725	4003	7188
	173	238	2834	1396	165	184	209	258	324	472	664	908	1359	1900	2696	3875	6393
	125	196	3394	1319	123	142	169	222	300	448	647	924	1376	2036	2899	4135	7010
	2.71	*2.67*	*11.9*	*8.72*	*2.74*	*3.45*	*3.55*	*3.99*	*4.48*	*5.00*	*5.35*	*5.39*	*6.57*	*7.98*	*10.5*	*13.9*	*20.4*
280	03588000	35°14′40″	87°21′02″	SHOAL CREEK AT LAWRENCEBURG (1)	55.4	54.8	140	2.400	85	1.40	26
	18.0	21.3	104	56.4	17.0	17.7	19.0	21.9	25.5	31.4	37.6	45.1	54.2	66.2	82.6	107	171
	11.3	15.4	95.4	45.0	11.7	12.7	14.2	17.0	20.0	24.9	30.3	36.8	46.0	60.6	82.2	114	185
	10.8	13.5	95.5	40.9	10.4	11.0	12.3	14.0	16.4	19.6	24.3	30.8	41.8	58.1	80.8	113	187
	0.48	*0.49*	*5.74*	*2.44*	*0.45*	*0.44*	*0.47*	*0.51*	*0.59*	*0.71*	*0.85*	*1.28*	*1.92*	*2.67*	*6.94*	*13.4*	*12.2*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
281	03588400	35°08′04″	87°31′45″	CHISHOLM CREEK AT WESTPOINT (1)								43.0	42.8	140	2.402	83	2.60	26
	10.2	14.3	83.0	36.0	11.2	11.9	13.1	15.3	17.9	22.0	26.9	32.5	40.5	52.1	68.4	93.4	152
	8.90	12.1	75.1	35.3	9.16	9.93	11.1	13.3	15.6	19.5	23.7	28.9	36.3	47.8	64.5	89.0	146
	9.82	12.5	82.5	36.4	9.49	9.94	11.1	13.0	15.5	18.6	23.0	28.8	38.3	53.2	73.0	100	160
	0.48	*0.49*	*7.27*	*2.84*	*0.48*	*0.45*	*0.49*	*0.53*	*0.61*	*0.73*	*0.88*	*1.34*	*2.13*	*3.33*	*9.08*	*13.4*	*12.5*
282	03588500	35°01′27″	87°34′44″	SHOAL CREEK AT IRON CITY (1)								348	348	136	2.404	84	2.30	70
	77.1	104	650	301	74.0	81.5	92.2	111	128	160	195	242	315	419	563	794	1302
	100	133	663	389	89.5	99.9	115	140	166	210	258	313	392	496	634	845	1291
	80.1	102	679	313	77.5	81.4	90.9	107	129	158	197	248	330	452	609	819	1315
	0.84	*0.84*	*6.85*	*2.29*	*0.72*	*0.84*	*0.87*	*0.94*	*1.11*	*1.32*	*1.46*	*2.00*	*2.50*	*3.21*	*5.10*	*8.13*	*14.0*
292	03593800	35°10′37″	88°12′34″	HORSE CREEK NEAR SAVANNAH (1)								104	106	120	2.416	62	2.03	30
	24.5	30.9	150	68.1	22.7	24.4	26.6	31.7	38.4	47.4	54.7	63.6	77.4	98.4	132	184	285
	16.3	22.2	177	75.8	15.4	16.9	19.3	23.3	28.0	36.3	45.7	58.4	78.3	108	149	218	366
	17.3	23.3	202	84.2	16.8	18.2	20.6	24.8	30.4	39.1	49.9	64.4	88.3	125	176	245	402
	0.49	*0.53*	*9.03*	*3.77*	*0.44*	*0.46*	*0.51*	*0.59*	*0.77*	*1.15*	*1.54*	*2.34*	*3.59*	*4.88*	*10.7*	*21.1*	*18.1*
293	03594040	35°13′45″	88°11′38″	TURKEY CREEK NEAR SAVANNAH (1)								53.7	53.5	75	2.411	33	1.36	19
	4.36	7.65	81.1	30.2	3.87	4.94	5.84	8.01	11.7	16.8	21.5	26.5	34.1	47.7	69.8	103	170
	3.58	5.58	89.1	28.4	3.43	3.98	4.71	6.16	7.92	11.3	15.4	21.1	30.5	46.1	71.8	112	196
	3.06	4.94	93.9	32.5	3.03	3.56	4.22	5.47	7.22	11.1	15.7	22.2	33.3	50.4	76.8	115	201
	0.93	*0.97*	*6.71*	*2.13*	*0.75*	*0.68*	*0.76*	*0.93*	*1.19*	*1.49*	*1.52*	*1.54*	*1.68*	*2.32*	*6.01*	*15.5*	*11.6*
296	03594160	35°18′25″	88°07′31″	INDIAN CR NR CERRO GORDO (1)								201	203	103	2.405	79	2.55	19
	11.5	21.3	347	109	12.9	16.6	21.9	29.8	38.2	54.4	71.8	96.7	136	204	315	474	761
	29.1	40.6	337	142	27.8	31.0	35.5	43.0	51.7	67.0	84.9	109	148	204	288	414	690
	31.0	42.8	399	168	30.2	32.6	37.4	45.8	57.5	74.3	97.5	128	178	253	350	485	786
	0.83	*0.95*	*13.3*	*4.92*	*0.90*	*0.98*	*1.13*	*1.36*	*1.81*	*2.65*	*3.21*	*4.10*	*5.67*	*7.55*	*14.8*	*23.4*	*20.1*
301	03596000	35°28′15″	86°07′18″	DUCK RIVER BELOW MANCHESTER (1)								107	112	130	2.364	26	0.98	54
	13.0	17.9	181	61.8	13.8	15.1	17.3	19.7	22.7	27.9	34.3	44.4	62.6	93.6	141	212	369
	16.1	20.3	180	69.2	14.9	16.5	18.4	21.3	24.8	30.9	37.8	49.7	67.7	97.4	145	219	389
	14.0	19.3	179	80.6	13.5	15.3	17.3	20.8	25.3	36.1	45.4	58.3	79.7	110	159	225	386
	0.93	*0.82*	*8.46*	*3.39*	*1.13*	*1.15*	*1.21*	*1.20*	*1.32*	*1.64*	*1.86*	*2.43*	*3.11*	*4.01*	*8.46*	*19.8*	*23.1*
302	03596500	35°27′26″	86°15′25″	DUCK RIVER AT NORMANDY (1)								208	210	113	2.367	38	1.38	14
	49.2	60.1	425	181	43.3	45.4	48.8	58.9	66.3	82.0	103	138	184	254	353	511	868
	41.7	53.1	377	179	38.3	42.3	47.2	56.3	65.6	82.4	103	134	177	246	337	470	772
	26.6	37.1	359	161	25.8	28.9	32.9	40.3	50.0	69.9	90.3	118	162	226	320	449	752
	1.05	*1.05*	*5.73*	*2.57*	*1.18*	*1.29*	*1.43*	*1.47*	*1.60*	*1.81*	*1.91*	*2.30*	*2.53*	*2.95*	*4.56*	*7.34*	*12.3*
303	03597000	35°33′59″	86°17′00″	GARRISON FORK AT FAIRFIELD (1, 2)								66.3	65.7	58	2.363	66	2.01	7
	1.38	2.86	108	30.3	1.62	1.83	2.29	4.35	6.41	10.0	15.6	23.1	33.3	50.4	73.9	111	213
	2.69	4.39	107	34.1	2.65	3.08	3.74	4.98	6.58	10.1	14.7	21.6	33.7	54.5	86.9	133	234
	3.25	5.45	117	41.6	3.20	3.75	4.55	6.03	8.25	12.5	18.7	27.7	42.5	65.3	96.6	145	245
	1.04	*1.28*	*7.64*	*4.02*	*0.80*	*0.81*	*0.94*	*1.12*	*1.95*	*2.98*	*2.94*	*2.82*	*2.69*	*3.10*	*6.02*	*10.3*	*12.3*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
304	03597210	35°30′42″	86°19′26″	GARRISON FK AB CSX RR, WARTRACE (1, 2)	85.5	83.2	54	2.366	62	1.89	12
	2.89	5.90	162	52.2	2.65	3.45	4.56	6.69	8.89	14.2	22.5	35.4	53.4	77.4	113	173	320
	2.92	4.83	138	39.1	2.90	3.41	4.15	5.54	7.36	11.3	16.7	24.9	39.9	67.8	112	171	301
	3.40	5.88	148	50.7	3.35	3.99	4.89	6.58	9.16	14.3	21.9	33.1	51.8	80.7	121	183	313
	0.96	*1.09*	*8.50*	*3.46*	*0.63*	*0.69*	*0.78*	*0.91*	*1.69*	*2.74*	*2.83*	*2.82*	*2.61*	*3.12*	*6.42*	*12.4*	*13.9*
305	03597500	35°35′16″	86°20′22″	WARTRACE CREEK AT BELL BUCKLE (1, 2)	16.3	16.3	35	2.363	17	0.65	17
	0.00	0.00	29.9	8.15	0.00	0.00	0.00	0.00	0.15	0.55	1.68	3.56	6.39	11.0	18.2	30.4	64.7
	0.00	0.30	27.7	8.46	0.00	0.00	0.00	0.32	0.48	1.12	2.24	4.19	7.69	13.0	21.2	32.9	61.7
	0.00	0.16	23.6	5.16	0.00	0.00	0.00	0.19	0.31	0.72	1.38	2.59	4.98	9.11	16.4	29.8	58.8
	1.18	*1.53*	*6.11*	*3.10*	*0.72*	*0.75*	*0.83*	*0.89*	*1.22*	*2.49*	*2.98*	*2.77*	*2.69*	*3.41*	*5.74*	*9.73*	*9.03*
306	03597590	35°31′38″	86°20′25″	WARTRACE CR BL CNTY RD, WARTRACE (1, 2)	35.7	35.8	35	2.365	15	0.54	12
	0.00	0.26	66.4	21.5	0.00	0.00	0.00	0.00	0.22	1.31	3.66	8.05	15.0	23.4	38.4	66.1	140
	0.00	0.31	66.6	19.1	0.00	0.00	0.24	0.37	0.60	1.75	4.28	9.04	17.9	31.5	49.9	78.4	151
	0.00	0.33	51.1	11.3	0.00	0.00	0.26	0.40	0.66	1.56	2.98	5.59	10.8	19.7	35.6	64.3	129
	1.27	*1.61*	*7.93*	*3.29*	*0.52*	*0.58*	*0.64*	*0.70*	*0.98*	*2.00*	*2.68*	*2.69*	*2.62*	*3.30*	*5.32*	*7.63*	*9.77*
307	03598000	35°28′49″	86°29′57″	DUCK RIVER NEAR SHELBYVILLE (1)	481	481	73	2.370	42	1.37	42
	56.3	73.0	827	290	51.1	56.7	64.6	76.2	90.2	117	151	205	297	451	672	1040	1791
	50.1	68.1	846	346	46.5	52.1	59.2	73.3	89.8	125	172	244	348	532	748	1101	1900
	31.9	50.0	834	332	31.3	36.5	43.2	56.0	74.3	114	161	227	336	492	715	1037	1779
	2.61	*3.48*	*9.24*	*7.58*	*2.82*	*3.44*	*3.91*	*4.74*	*5.85*	*6.92*	*7.19*	*5.99*	*7.19*	*7.25*	*10.5*	*12.9*	*19.1*
308	03599000	35°26′56″	86°47′09″	BIG ROCK CREEK AT LEWISBURG (1, 2)	24.9	24.8	35	2.374	54	1.41	14
	0.00	0.00	43.0	15.0	0.00	0.00	0.00	0.00	0.28	1.49	3.67	6.92	12.4	20.4	29.9	51.2	101
	0.00	0.52	37.2	9.08	0.00	0.00	0.34	0.53	0.83	1.77	3.15	5.72	10.1	17.9	28.7	47.2	81.5
	0.00	0.38	41.5	9.49	0.00	0.00	0.29	0.45	0.73	1.45	2.75	5.09	9.58	17.4	29.3	50.9	94.5
	1.11	*1.36*	*7.42*	*3.18*	*0.51*	*0.55*	*0.61*	*0.67*	*0.99*	*2.07*	*2.76*	*2.69*	*2.53*	*3.20*	*5.17*	*7.47*	*8.64*
309	03599500	35°37′05″	87°01′56″	DUCK RIVER AT COLUMBIA (1)	1208	1209	49	2.369	34	1.07	20
	76.0	111	2096	792	78.1	82.4	91.1	114	144	218	318	486	749	1160	1739	2731	5018
	75.0	105	2154	843	71.5	80.0	91.0	116	151	242	367	559	872	1318	1840	2759	4935
	30.6	56.7	2036	690	30.5	38.2	47.4	66.6	96.3	171	273	427	692	1084	1656	2534	4555
	2.56	*4.09*	*12.7*	*8.78*	*3.22*	*4.01*	*4.55*	*5.72*	*7.69*	*9.76*	*9.62*	*7.45*	*7.62*	*9.79*	*11.8*	*14.3*	*18.8*
310	03600088	35°43′02″	86°59′45″	CARTERS CR, BUTLER RD, CARTERS CR (1, 2)	20.1	20.2	40	2.364	66	1.65	15
	0.19	0.47	33.3	10.3	0.20	0.23	0.28	0.43	0.79	1.96	3.88	7.34	12.7	20.4	30.2	43.3	70.4
	0.00	0.82	31.3	8.08	0.00	0.00	0.58	0.85	1.26	2.17	3.31	5.30	8.78	15.4	24.6	39.3	67.5
	0.00	0.62	34.3	9.29	0.00	0.00	0.49	0.71	1.06	1.86	3.20	5.42	9.40	16.0	25.6	42.1	75.0
	0.92	*1.23*	*5.40*	*2.86*	*0.50*	*0.51*	*0.60*	*0.73*	*1.00*	*2.10*	*2.64*	*2.60*	*2.41*	*2.96*	*4.80*	*7.74*	*7.72*
311	03600500	35°29′19″	87°13′59″	BIG BIGBY CR AT SANDY HOOK (1)	17.5	17.6	127	2.388	75	2.31	33
	2.45	3.77	27.7	10.2	2.15	2.47	2.95	3.67	4.54	5.87	6.99	8.69	11.6	15.8	21.9	32.4	54.2
	2.76	3.83	29.4	12.1	2.71	2.94	3.32	3.99	4.80	6.14	7.67	9.79	13.0	18.0	25.2	35.3	58.1
	3.28	4.32	32.5	13.8	3.17	3.37	3.80	4.48	5.38	6.62	8.32	10.6	14.4	20.2	28.3	39.7	64.0
	0.82	*0.83*	*8.66*	*3.58*	*1.04*	*0.90*	*0.94*	*1.01*	*1.22*	*1.55*	*1.71*	*2.15*	*2.95*	*5.36*	*10.9*	*14.6*	*13.0*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region—Continued													
312	03602500	35°52′16″	87°30′05″	PINEY RIVER AT VERNON TN (1)	193	193	132	2.380	74	1.95	69
	51.9	62.4	314	155	48.2	51.3	56.6	63.6	72.5	85.4	102	121	151	198	270	377	624
	47.5	61.6	347	179	44.0	47.9	53.4	63.9	75.5	94.1	115	141	180	235	312	430	683
	39.7	50.9	355	165	38.3	40.8	45.6	53.8	64.7	80.3	101	127	171	234	318	433	702
	0.75	*0.73*	*6.50*	*2.52*	*0.74*	*0.80*	*0.87*	*0.96*	*1.13*	*1.38*	*1.55*	*2.07*	*2.55*	*3.19*	*5.35*	*9.29*	*15.5*
313	03603000	35°55′48″	87°44′35″	DUCK RIVER AB HURRICANE MILLS (1)	2557	2558	72	2.349	56	1.62	16
	396	495	4345	1744	390	419	450	523	600	772	1000	1324	1934	2792	3982	5817	10029
	333	459	4422	2357	315	357	402	497	628	900	1240	1685	2365	3224	4355	6038	9665
	204	311	4567	2003	199	229	270	352	469	699	997	1399	2037	2916	4063	5704	9570
	3.36	*3.85*	*7.26*	*8.17*	*3.20*	*4.03*	*4.06*	*4.23*	*4.67*	*5.66*	*6.24*	*5.76*	*7.52*	*7.31*	*8.75*	*11.1*	*11.0*
314	03604000	35°29′45″	87°49′58″	BUFFALO RIVER NEAR FLAT WOODS (1)	447	449	130	2.394	83	2.40	82
	110	145	769	374	111	117	130	153	179	221	264	318	397	507	662	909	1470
	123	165	849	504	111	125	144	176	210	267	331	405	509	645	825	1095	1658
	99.8	128	874	411	96.6	102	114	136	165	204	256	324	432	591	793	1063	1701
	0.88	*0.90*	*7.02*	*2.42*	*0.76*	*0.92*	*0.95*	*1.05*	*1.25*	*1.49*	*1.64*	*2.18*	*2.65*	*3.29*	*5.07*	*7.98*	*14.5*
315	03604100	35°36′23″	87°42′43″	COON CREEK NEAR HOHENWALD (1)	10.1	10.1	113	2.389	88	1.96	7
	1.21	2.25	14.0	7.53	1.64	1.77	1.91	2.29	2.72	3.38	4.10	4.96	6.03	7.97	11.1	15.8	26.0
	1.52	2.12	16.8	7.06	1.48	1.61	1.83	2.21	2.67	3.40	4.10	5.43	7.20	10.2	14.4	19.8	32.5
	1.56	2.09	18.0	7.21	1.51	1.62	1.83	2.16	2.59	3.19	4.09	5.35	7.41	10.6	15.1	21.7	35.5
	0.43	*0.44*	*11.5*	*3.26*	*0.48*	*0.40*	*0.45*	*0.53*	*0.72*	*1.03*	*1.29*	*1.74*	*2.47*	*5.57*	*13.0*	*17.4*	*14.4*
316	03604400	35°48′44″	87°46′44″	BUFFALO RIVER BELOW LOBELVILLE (1)	702	704	121	2.384	84	2.42	66
	179	229	1209	577	181	192	212	244	285	350	421	511	644	842	1116	1521	2412
	166	225	1267	768	146	168	194	238	287	374	470	573	748	952	1236	1649	2521
	146	190	1368	651	141	150	169	204	250	313	399	509	683	935	1248	1672	2674
	1.60	*1.82*	*6.92*	*3.19*	*1.15*	*1.44*	*1.46*	*1.63*	*1.90*	*2.10*	*2.17*	*2.35*	*3.09*	*3.59*	*5.14*	*7.24*	*15.6*
318	03605555	36°03′08″	87°54′27″	TRACE CREEK ABOVE DENVER (1)	31.9	32.2	121	2.352	73	2.78	23
	4.68	6.20	50.3	22.2	4.69	5.01	5.62	6.29	7.44	9.90	12.5	15.7	21.0	28.6	40.2	56.1	93.2
	4.54	5.78	50.8	20.0	4.27	4.63	5.17	5.96	7.00	8.84	11.1	14.2	19.4	28.4	42.9	62.9	105
	6.20	8.27	59.2	27.6	5.97	6.38	7.22	8.64	10.5	13.2	16.7	21.3	28.5	39.3	53.9	74.4	118
	0.48	*0.45*	*10.7*	*2.00*	*0.64*	*0.57*	*0.61*	*0.62*	*0.68*	*0.75*	*0.81*	*0.97*	*1.45*	*2.67*	*9.27*	*24.3*	*28.1*
				West Tennessee region													
291	03593300	35°13′11″	88°25′36″	SNAKE CREEK NEAR ADAMSVILLE (1)	49.4	50.2	100	2.413	42	1.42	18
	0.29	0.91	69.8	19.3	0.00	0.32	0.63	1.22	2.20	4.48	7.42	10.9	16.8	25.7	41.0	71.4	141
	1.36	2.34	65.5	19.1	1.24	1.55	1.93	2.53	3.24	4.45	6.15	8.07	11.6	18.0	32.2	64.0	135
	1.21	2.25	66.8	18.9	1.12	1.47	1.81	2.39	3.06	4.35	6.28	11.3	14.8	23.0	44.0	81.5	153
	0.31	*0.40*	*10.4*	*2.87*	*0.39*	*0.35*	*0.40*	*0.43*	*0.44*	*0.43*	*0.49*	*0.55*	*0.81*	*1.20*	*1.53*	*2.76*	*15.4*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				West Tennessee region—Continued													
294	03594058	35°22′20″	88°23′03″	WHITE OAK CR NR MILLEDGEVILLE (1)								46.1	46.7	98	2.407	54	1.63	19
	0.65	1.87	80.3	22.8	0.75	0.95	1.20	2.25	3.91	6.81	9.78	14.2	20.3	31.1	50.5	81.3	150
	1.68	2.69	62.9	19.3	1.56	1.89	2.26	2.90	3.74	5.21	7.07	9.39	13.4	20.5	35.1	66.4	134
	1.89	3.03	64.1	21.2	1.75	2.14	2.51	3.18	3.89	5.33	7.24	11.5	15.1	22.6	39.8	74.1	142
	0.32	*0.40*	*11.2*	*3.06*	*0.40*	*0.35*	*0.40*	*0.43*	*0.44*	*0.43*	*0.49*	*0.55*	*0.82*	*1.23*	*1.57*	*2.99*	*17.2*
295	03594120	35°24′59″	88°21′40″	MIDDLETON CR NR MILLEDGEVILLE (1)								45.5	46.1	110	2.405	42	1.39	19
	0.77	2.45	70.3	20.1	0.40	0.89	1.43	2.53	4.22	7.61	11.4	15.3	20.2	30.2	44.8	65.7	127
	1.42	2.40	60.4	18.3	1.29	1.60	1.97	2.57	3.26	4.42	6.03	7.82	11.2	17.2	30.5	59.5	126
	1.18	2.20	61.0	17.5	1.10	1.44	1.77	2.34	3.00	4.24	6.12	10.4	13.9	21.0	40.6	73.9	141
	0.30	*0.38*	*10.4*	*2.74*	*0.36*	*0.31*	*0.35*	*0.38*	*0.39*	*0.39*	*0.45*	*0.50*	*0.75*	*1.13*	*1.43*	*2.76*	*16.6*
297	03594415	35°39′34″	88°25′01″	BEECH RIVER NEAR LEXINGTON (1)								15.9	15.8	235	2.395	83	2.38	10
	7.25	8.08	23.7	13.5	6.80	6.91	7.13	7.77	8.66	9.91	11.1	12.3	13.4	15.0	17.1	21.3	33.9
	2.25	2.88	23.2	10.5	2.15	2.30	2.50	2.92	3.43	4.35	5.37	6.60	8.56	11.3	16.3	25.2	50.3
	2.67	3.25	23.4	10.6	2.46	2.66	2.86	3.35	3.81	4.75	5.74	7.39	9.34	11.8	16.4	26.0	49.0
	0.22	*0.23*	*9.91*	*1.34*	*0.33*	*0.14*	*0.14*	*0.15*	*0.17*	*0.20*	*0.24*	*0.30*	*0.55*	*1.12*	*1.48*	*4.10*	*17.6*
298	03594430	35°38′16″	88°21′15″	HARMON CREEK NR LEXINGTON (1)								6.87	6.82	250	2.395	85	2.42	16
	3.13	3.81	11.1	7.06	3.08	3.26	3.40	3.82	4.22	4.82	5.42	6.01	6.74	7.61	8.94	11.2	16.9
	1.28	1.61	10.2	5.08	1.24	1.31	1.42	1.63	1.90	2.34	2.83	3.41	4.24	5.39	7.41	10.7	21.0
	1.12	1.39	10.1	4.49	1.03	1.12	1.21	1.43	1.64	2.04	2.46	3.11	3.95	5.00	7.05	11.1	20.7
	0.23	*0.23*	*8.83*	*1.29*	*0.34*	*0.11*	*0.11*	*0.13*	*0.14*	*0.17*	*0.23*	*0.29*	*0.52*	*1.10*	*1.34*	*4.63*	*17.7*
299	03594445	35°37′26″	88°16′22″	BEECH RIVER NR CHESTERFIELD (1)								115	115	198	2.395	70	2.07	19
	19.7	27.1	187	84.6	23.0	23.7	24.9	28.5	32.4	43.4	57.0	71.2	88.5	110	140	196	372
	15.4	19.9	170	77.4	14.5	15.9	17.5	20.2	23.5	29.5	36.4	44.7	57.3	76.1	110	178	376
	16.0	20.1	167	74.5	14.8	16.3	17.7	20.8	23.9	30.5	37.8	52.2	65.8	84.8	121	197	377
	0.41	*0.43*	*12.9*	*3.42*	*0.39*	*0.34*	*0.35*	*0.38*	*0.41*	*0.48*	*0.55*	*0.67*	*1.00*	*1.52*	*1.89*	*3.28*	*17.9*
300	03594480	35°34′47″	88°09′08″	TURKEY CR NR DECATURVILLE (1, 2)								8.40	8.39	63	2.392	39	1.09	10
	0.00	0.00	9.71	1.96	0.00	0.00	0.00	0.00	0.00	0.29	0.64	1.12	1.88	3.39	6.15	10.5	20.7
	0.16	0.34	10.7	2.70	0.15	0.21	0.27	0.35	0.46	0.60	0.85	1.20	1.79	3.03	5.67	11.6	21.5
	0.08	0.18	10.6	2.46	0.08	0.11	0.14	0.20	0.26	0.39	0.59	0.89	1.35	2.24	5.42	11.4	23.1
	0.22	*0.33*	*7.28*	*1.69*	*0.41*	*0.30*	*0.33*	*0.33*	*0.33*	*0.31*	*0.32*	*0.40*	*0.62*	*0.98*	*1.07*	*2.18*	*11.3*
317	03604800	35°53′56″	88°07′37″	BIRDSONG CREEK NEAR HOLLADAY (1, 2)								44.9	45.6	75	2.372	63	1.76	28
	0.00	0.31	64.6	15.6	0.00	0.00	0.00	0.60	1.34	3.25	5.59	9.22	15.3	24.9	41.6	66.8	118
	1.87	2.88	63.5	21.8	1.77	2.08	2.42	3.00	3.75	5.14	6.80	9.03	13.0	20.1	34.5	67.3	138
	2.01	3.00	61.7	22.2	1.86	2.21	2.53	3.12	3.72	5.05	6.66	9.20	13.6	18.7	31.3	63.3	135
	0.31	*0.50*	*10.1*	*3.02*	*0.35*	*0.35*	*0.41*	*0.43*	*0.44*	*0.44*	*0.48*	*0.60*	*0.87*	*1.24*	*1.60*	*3.23*	*15.6*
319	03606500	36°02′19″	88°13′42″	BIG SANDY RIVER AT BRUCETON (1)								205	205	234	2.364	79	2.08	57
	36.2	44.4	289	153	33.3	36.1	39.5	45.6	53.2	67.7	83.3	102	126	156	205	303	647
	39.5	48.0	290	142	37.6	40.2	43.3	48.5	55.0	66.3	78.9	95.0	117	149	203	327	676
	45.6	51.6	299	155	42.4	44.3	46.5	52.8	58.9	73.0	87.0	97.0	132	153	210	334	695
	0.55	*0.62*	*13.7*	*6.27*	*0.45*	*0.45*	*0.46*	*0.53*	*0.59*	*0.66*	*0.74*	*0.89*	*1.23*	*1.78*	*2.27*	*4.61*	*21.9*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				West Tennessee region—Continued													
320	03607000	36°14′16″	88°05′50″	BIG SANDY RIVER AT BIG SANDY (1)								379	391	200	2.348	73	1.90	58
	54.7	67.4	447	236	50.7	55.8	60.5	70.0	81.0	104	116	157	194	241	312	464	1004
	68.3	83.7	553	277	65.1	69.9	75.3	84.9	97.0	119	143	175	220	286	399	622	1291
	72.2	84.3	554	283	67.3	71.4	75.6	86.4	97.2	122	148	159	231	260	369	608	1341
	0.54	*0.65*	*19.6*	*11.8*	*0.48*	*0.64*	*0.65*	*0.78*	*0.87*	*1.04*	*1.22*	*1.48*	*1.95*	*2.48*	*3.32*	*6.35*	*28.2*
329	07024300	35°59′56″	88°26′01″	BEAVER CREEK AT HUNTINGDON (1)								55.5	56.1	343	2.360	66	1.63	28
	21.0	24.6	115	60.9	20.3	21.7	23.2	24.4	26.4	30.5	34.5	39.8	46.6	56.0	68.8	93.8	209
	13.7	15.8	81.8	40.6	13.0	13.6	14.4	15.6	17.1	19.7	22.4	25.4	31.4	39.8	54.5	82.9	176
	8.95	11.6	79.3	35.8	8.30	9.23	10.1	12.1	14.1	17.9	22.4	22.1	31.4	36.6	60.2	90.4	186
	0.25	*0.27*	*16.6*	*2.08*	*0.21*	*0.10*	*0.10*	*0.12*	*0.14*	*0.18*	*0.24*	*0.31*	*0.60*	*1.17*	*1.68*	*3.81*	*21.7*
330	07024500	36°07′05″	88°48′39″	S FORK OBION R NR GREENFIELD (1)								383	381	249	2.356	76	1.88	59
	80.3	94.9	588	289	76.2	81.2	87.4	95.3	106	124	146	176	221	295	424	706	1448
	76.3	94.3	543	272	73.3	78.4	85.0	95.8	110	135	163	200	250	320	431	670	1310
	89.1	100	550	292	82.9	86.5	90.5	103	114	142	169	174	243	276	393	620	1325
	0.48	*0.57*	*16.2*	*8.77*	*0.31*	*0.41*	*0.41*	*0.50*	*0.58*	*0.70*	*0.83*	*1.05*	*1.49*	*2.08*	*2.81*	*5.29*	*23.2*
331	07025000	36°03′10″	88°52′42″	RUTHERFORD FK OBION R, BRADFORD (1)								203	201	176	2.358	81	2.07	28
	15.7	19.3	243	116	14.8	16.2	17.5	20.6	23.1	28.1	33.7	42.3	55.1	76.0	115	196	523
	31.6	38.4	279	133	29.8	32.3	34.8	39.3	44.7	54.2	64.5	78.2	97.3	126	176	287	629
	38.5	43.7	290	149	35.8	37.5	39.3	44.6	49.7	62.0	73.9	81.2	114	133	185	311	668
	0.58	*0.64*	*16.6*	*8.36*	*0.68*	*0.70*	*0.71*	*0.80*	*0.86*	*0.90*	*0.94*	*1.09*	*1.41*	*1.88*	*2.24*	*4.32*	*23.2*
332	07025500	36°23′59″	88°59′43″	N FORK OBION R NR UNION CITY (1)								480	425	117	2.350	66	1.56	42
	90.4	99.0	612	313	83.9	92.1	94.2	100	110	127	144	166	198	248	331	534	1379
	49.8	62.7	601	277	47.1	51.3	55.7	64.2	74.3	92.4	112	138	176	239	350	583	1360
	42.8	54.9	584	265	40.0	44.2	48.2	56.4	64.9	84.7	106	113	171	210	343	626	1410
	0.58	*0.73*	*22.3*	*13.9*	*0.92*	*1.23*	*1.31*	*1.55*	*1.77*	*2.01*	*2.21*	*2.47*	*2.65*	*2.79*	*3.35*	*5.77*	*25.7*
333	07026000	36°15′04″	89°11′33″	OBION RIVER AT OBION (1)								1852	1813	140	2.358	64	1.55	51
	275	344	2751	1449	261	274	298	341	400	510	630	772	1003	1418	2140	3267	7214
	248	311	2544	1214	236	256	276	315	370	474	592	748	987	1368	2028	3200	6474
	244	296	2530	1235	228	247	264	304	345	446	554	610	876	1070	1664	2901	6399
	0.56	*0.72*	*23.9*	*13.0*	*0.39*	*0.95*	*1.01*	*1.20*	*1.41*	*1.75*	*2.11*	*2.49*	*2.81*	*3.07*	*4.76*	*8.46*	*29.9*
334	07026500	36°26′32″	89°17′47″	REELFOOT CREEK NEAR SAMBURG (1, 2)								110	110	32	2.346	72	1.20	21
	0.00	0.25	121	60.9	0.00	0.00	0.00	0.00	0.43	1.10	2.25	4.52	9.59	19.9	38.6	77.5	248
	1.26	1.96	146	50.0	1.21	1.43	1.64	1.92	2.28	3.30	4.35	6.17	9.80	17.5	35.6	110	296
	1.17	1.82	140	44.3	1.08	1.31	1.51	1.85	2.19	3.20	4.28	4.65	8.75	14.9	33.2	110	286
	0.24	*0.39*	*10.1*	*4.03*	*0.41*	*0.52*	*0.60*	*0.61*	*0.62*	*0.61*	*0.64*	*0.80*	*1.06*	*1.38*	*1.98*	*4.02*	*15.7*
335	07027500	35°35′38″	88°48′52″	S FORK FORKED DEER R AT JACKSON (1)								495	495	231	2.399	66	1.81	45
	81.3	99.2	726	333	77.6	82.9	89.9	101	117	143	176	217	275	370	525	836	1886
	86.0	109	731	348	82.9	88.5	96.3	110	128	161	199	248	321	431	613	946	1770
	84.0	102	724	342	78.3	84.7	90.9	106	120	153	189	245	303	393	578	906	1727
	0.53	*0.65*	*18.3*	*8.39*	*0.34*	*0.51*	*0.52*	*0.63*	*0.73*	*0.91*	*1.13*	*1.42*	*2.01*	*2.75*	*4.04*	*5.90*	*21.8*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				West Tennessee region—Continued													
336	07028000	35°51′43″	89°20′52″	S FK FORKED DEER R, CHESTNUT BLUFF (1)	1003	972	159	2.385	60	1.50	27
	125	155	1403	637	122	134	146	166	192	240	295	368	486	698	1160	2081	3861
	138	177	1437	651	132	143	155	179	211	271	340	429	567	788	1159	1849	3570
	114	146	1375	618	106	118	129	151	175	227	288	347	462	610	993	1673	3387
	0.55	*0.69*	*21.9*	*12.0*	*0.44*	*0.83*	*0.87*	*1.03*	*1.18*	*1.39*	*1.61*	*1.88*	*2.33*	*2.78*	*4.29*	*6.89*	*26.0*
337	07028500	35°58′49″	88°55′35″	N FORK FORKED DEER R AT TRENTON (1)	73.4	72.7	123	2.388	83	2.19	20
	7.47	9.46	99.1	45.9	7.05	7.60	8.69	10.6	11.9	13.8	15.8	17.9	21.0	26.1	37.2	64.7	183
	4.80	6.58	105	37.5	4.69	5.29	5.87	7.04	8.84	12.1	15.5	20.4	28.5	41.8	65.8	116	232
	9.66	11.5	106	49.1	8.94	9.58	10.2	11.8	13.2	16.8	20.3	26.0	34.3	45.1	64.0	114	228
	0.37	*0.46*	*9.89*	*2.92*	*0.38*	*0.36*	*0.40*	*0.43*	*0.44*	*0.42*	*0.48*	*0.53*	*0.79*	*1.19*	*1.63*	*3.28*	*16.6*
338	07029000	35°51′02″	89°04′00″	M FK FORKED DEER R NR ALAMO (1)	369	371	169	2.389	68	1.70	43
	77.1	86.8	521	269	74.9	76.5	79.5	88.6	96.1	110	125	144	169	210	281	461	1179
	56.4	70.3	530	251	53.7	58.2	62.9	71.6	82.5	102	123	151	191	252	360	583	1229
	51.6	63.7	535	247	48.1	52.3	56.4	65.6	74.8	95.8	119	142	186	244	380	634	1255
	0.63	*0.74*	*17.4*	*11.6*	*0.58*	*0.75*	*0.79*	*0.93*	*1.03*	*1.11*	*1.16*	*1.32*	*1.58*	*1.89*	*2.35*	*3.55*	*19.4*
339	07029100	36°01′49″	89°23′13″	N FK FORKED DEER R AT DYERSBURG (1)	867	939	94	2.374	59	1.43	31
	96.2	125	1428	693	98.1	105	117	134	160	216	293	400	582	878	1340	2200	3719
	68.3	92.8	1305	538	66.7	73.6	81.2	96.0	117	160	215	288	396	579	889	1475	3174
	69.4	93.7	1291	543	65.0	73.6	81.5	96.6	113	150	194	236	335	456	779	1470	3146
	0.46	*0.67*	*16.0*	*13.5*	*0.55*	*1.03*	*1.13*	*1.23*	*1.30*	*1.27*	*1.64*	*2.02*	*2.39*	*2.57*	*3.66*	*5.28*	*17.4*
341	07029380	35°03′58″	88°39′18″	CYPRESS CREEK NEAR RAMER (1)	94.8	94.9	160	2.442	62	1.82	24
	7.37	12.3	156	62.6	6.34	7.63	10.1	13.2	17.4	24.7	35.0	46.6	61.5	83.8	126	185	317
	7.65	11.3	139	56.9	7.12	8.08	9.40	11.7	14.6	19.8	25.6	32.5	42.9	59.0	87.5	144	300
	8.48	11.7	140	53.9	7.87	9.01	10.1	12.2	14.4	18.9	24.3	39.3	44.3	68.2	109	180	306
	0.46	*0.52*	*11.6*	*3.12*	*0.45*	*0.38*	*0.42*	*0.47*	*0.50*	*0.55*	*0.63*	*0.73*	*1.09*	*1.57*	*1.90*	*2.33*	*11.7*
342	07029400	35°03′22″	88°47′57″	HATCHIE RIVER AT POCAHONTAS (1)	837	838	148	2.443	53	1.60	24
	57.0	91.4	1379	410	54.0	59.0	69.1	91.1	117	165	227	322	477	723	1250	2131	3478
	103	138	1288	548	98.8	107	119	140	168	218	278	353	477	676	1018	1660	3145
	69.4	97.3	1218	474	65.0	74.8	84.0	101	120	160	209	360	402	624	1005	1673	2892
	0.66	*0.84*	*15.7*	*9.72*	*0.53*	*0.95*	*1.02*	*1.23*	*1.45*	*1.69*	*1.87*	*2.03*	*2.21*	*2.30*	*3.24*	*3.75*	*14.1*
343	07029500	35°16′31″	88°58′36″	HATCHIE RIVER AT BOLIVAR (1)	1480	1480	182	2.409	57	1.65	71
	131	197	2459	994	133	146	164	207	270	392	547	762	1105	1712	2665	3985	6063
	230	298	2259	1009	223	239	261	300	359	466	594	760	1027	1457	2164	3382	5913
	182	235	2132	944	170	189	207	243	282	367	468	685	828	1132	1723	2794	5278
	0.61	*0.78*	*17.7*	*9.69*	*0.28*	*0.71*	*0.77*	*0.94*	*1.14*	*1.42*	*1.68*	*1.98*	*2.27*	*2.54*	*3.99*	*5.99*	*21.2*
344	07030000	35°31′22″	89°20′57″	HATCHIE RIVER NEAR STANTON (1)	1975	1977	202	2.400	60	1.67	28
	258	323	2954	1253	257	278	300	342	412	560	751	998	1444	2107	3072	4400	7450
	350	449	2980	1381	338	362	396	452	538	696	884	1128	1509	2112	3088	4702	7966
	305	375	2862	1354	286	311	334	387	443	569	712	970	1191	1567	2328	3714	7166
	0.51	*0.63*	*17.3*	*9.05*	*0.17*	*0.56*	*0.58*	*0.70*	*0.83*	*1.02*	*1.22*	*1.45*	*1.84*	*2.27*	*4.16*	*6.45*	*22.1*

Table A1. Basin and streamflow characteristics for 196 continuous-record gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. Third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT		LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%	10%
					West Tennessee region—Continued													
345	07030240	35°18′37″		89°38′23″	LOOSAHATCHIE R NEAR ARLINGTON (1)							262	212	145	2.406	56	1.40	32
	72.3	81.1	387	212	65.3	69.5	75.4	78.4	83.5	93.2	100	108	122	140		177	255	606
	23.6	31.7	321	139	22.7	24.7	27.2	32.1	38.2	49.0	61.3	76.2	98.9	136		200	328	701
	15.9	22.8	299	115	14.8	17.2	19.5	23.8	28.3	37.6	49.4	63.4	81.8	119		215	367	696
	0.63	*0.73*	*15.3*	*8.98*	*0.80*	*0.86*	*0.90*	*1.04*	*1.13*	*1.16*	*1.16*	*1.25*	*1.46*	*1.67*		*1.91*	*2.49*	*14.3*
346	07030280	35°16′53″		89°45′56″	LOOSAHATCHIE R AT BRUNSWICK (1)							505	505	83	2.405	56	1.24	31
	58.2	74.3	698	270	52.1	58.1	63.2	74.5	84.1	96.2	106	119	134	163		227	398	1424
	28.6	40.2	714	281	27.7	31.4	35.3	41.3	49.4	64.8	87.1	115	165	245		398	740	1593
	27.2	39.2	702	264	25.4	29.6	33.5	40.6	48.2	65.4	86.3	108	144	224		433	832	1640
	0.49	*0.71*	*13.9*	*13.5*	*0.74*	*1.15*	*1.26*	*1.38*	*1.46*	*1.42*	*1.79*	*2.12*	*2.51*	*2.65*		*3.41*	*4.16*	*14.8*
347	07030500	35°03′15″		89°32′30″	WOLF RIVER AT ROSSVILLE (1)							503	504	209	2.435	67	1.77	43
	125	145	653	338	118	124	133	147	163	189	215	245	289	354		470	713	1333
	86.3	107	729	350	82.6	88.4	95.6	108	125	154	188	231	294	392		556	875	1735
	82.6	100	759	348	77.1	83.2	89.2	103	118	149	184	261	291	423		641	1006	1747
	0.60	*0.74*	*16.0*	*8.71*	*0.38*	*0.57*	*0.60*	*0.74*	*0.87*	*1.07*	*1.26*	*1.47*	*1.86*	*2.29*		*3.29*	*4.36*	*18.5*
348	07031650	35°06′59″		89°48′05″	WOLF RIVER NEAR GERMANTOWN (1)							699	697	164	2.437	61	1.58	26
	215	252	992	558	207	213	220	242	276	329	381	444	525	638		816	1187	2138
	99.6	127	1026	468	95.1	103	112	129	151	191	237	296	387	530		773	1241	2476
	82.3	106	1032	442	77.0	85.3	93.2	109	127	164	208	301	341	517		841	1377	2407
	0.69	*0.88*	*16.2*	*9.79*	*0.51*	*0.87*	*0.94*	*1.14*	*1.35*	*1.61*	*1.80*	*1.97*	*2.16*	*2.27*		*3.14*	*3.81*	*15.6*
349	07031700	35°12′08″		89°55′24″	WOLF RIVER AT RALEIGH (1)							770	771	151	2.405	62	1.54	33
	162	193	1030	470	157	173	184	197	218	255	292	339	407	516		738	1309	2487
	106	135	1123	512	101	109	119	136	160	204	253	318	416	573		839	1350	2728
	90.1	115	1112	492	84.2	93.0	101	119	137	178	224	286	359	504		821	1386	2655
	0.69	*0.87*	*18.8*	*11.6*	*0.55*	*0.96*	*1.04*	*1.26*	*1.48*	*1.73*	*1.92*	*2.09*	*2.27*	*2.37*		*3.30*	*4.69*	*20.0*
350	07032200	35°02′59″		89°49′08	NONCONNAH CR NR GERMANTOWN (1, 2)							68.2	68.2	32	2.438	42	1.06	26
	0.00	0.14	104	40.7	0.00	0.00	0.00	0.10	0.16	0.54	1.30	2.75	5.41	11.1		22.6	51.7	198
	0.21	0.47	77.7	19.5	0.20	0.28	0.37	0.47	0.60	0.92	1.40	2.24	4.00	8.05		18.6	60.1	163
	0.21	0.46	85.4	17.5	0.19	0.27	0.35	0.48	0.63	1.00	1.54	3.24	4.72	10.7		27.2	86.1	173
	0.26	*0.41*	*8.30*	*3.18*	*0.45*	*0.53*	*0.61*	*0.62*	*0.64*	*0.63*	*0.66*	*0.82*	*1.10*	*1.44*		*1.92*	*2.54*	*8.33*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region								
355	02384900	35°07′00″	84°50′18″	COAHULLA CREEK NEAR CLEVELAND (1)							4.35	4.39	88	2.325	37	1.09	8	16	03566420
	0.14	0.24	7.45	2.17	0.11	0.14	0.18	0.29	0.42	0.60	0.87	1.32	2.17	3.43		5.45	8.75		15.4
	0.45	0.62	6.49	2.62	0.43	0.48	0.55	0.67	0.82	1.08	1.38	1.85	2.63	3.75		5.94	9.51		15.4
	0.32	0.49	6.53	2.58	0.31	0.36	0.42	0.52	0.65	0.94	1.26	1.73	2.50	3.64		5.47	8.27		14.2
	0.36	*0.38*	*1.94*	*1.58*	*0.44*	*0.35*	*0.37*	*0.42*	*0.50*	*0.62*	*0.81*	*1.01*	*1.13*	*1.38*		*3.44*	*4.63*		*5.55*
356	03312287	36°34′37″	85°56′23″	LONG FORK CREEK NEAR GALEN (1)							22.0	22.0	49	2.287	80	2.12	6	11	03435770
	1.92	2.70	32.3	17.1	1.74	1.92	2.39	3.15	3.94	5.86	8.26	10.7	14.3	18.6		26.1	43.3		73.5
	0.98	1.58	33.5	14.3	0.92	1.05	1.32	1.83	2.44	3.90	5.81	8.48	12.7	18.9		27.6	42.1		73.2
	0.81	1.43	35.8	13.2	0.79	0.94	1.17	1.58	2.21	3.44	5.41	8.35	13.1	20.3		29.9	45.9		76.6
	0.41	*0.71*	*5.00*	*4.58*	*0.37*	*0.40*	*0.46*	*0.60*	*0.75*	*1.01*	*1.57*	*2.21*	*2.50*	*2.46*		*3.68*	*5.28*		*8.70*
357	03312295	36°35′35″	85°58′40″	WHITE OAK CREEK AT WHITE OAK (1)							20.6	20.4	50	2.288	80	1.80	6	12	03435770
	4.51	5.74	30.3	21.0	4.22	4.52	5.27	6.39	7.48	9.88	12.6	15.1	18.5	22.3		28.2	40.5		68.8
	1.00	1.58	31.2	13.3	0.94	1.08	1.33	1.83	2.40	3.79	5.57	8.08	12.0	17.8		25.9	39.6		68.6
	0.75	1.32	32.3	11.9	0.73	0.88	1.08	1.45	2.00	3.09	4.83	7.43	11.7	18.0		26.6	41.1		69.2
	0.41	*0.70*	*4.23*	*4.38*	*0.37*	*0.39*	*0.46*	*0.59*	*0.73*	*0.99*	*1.52*	*2.11*	*2.31*	*2.22*		*3.31*	*4.88*		*7.73*
358	03312300	36°31′26″	86°00′32″	TOWN CREEK AT LAFAYETTE (1)							1.85	1.55	50	2.293	82	1.40	3	5	03313500
	0.22	0.36	2.68	1.76	0.18	0.24	0.30	0.42	0.51	0.73	0.95	1.19	1.48	1.89		2.37	3.29		5.87
	0.00	0.24	2.54	1.38	0.00	0.00	0.00	0.00	0.32	0.46	0.63	0.85	1.17	1.52		2.07	3.00		5.28
	0.00	0.09	2.29	0.76	0.00	0.00	0.00	0.00	0.12	0.19	0.29	0.46	0.73	1.16		1.79	2.87		4.95
	0.47	*0.56*	*1.80*	*2.32*	*0.77*	*0.66*	*0.72*	*0.86*	*1.04*	*1.31*	*1.52*	*1.77*	*1.75*	*1.42*		*2.77*	*5.73*		*7.76*
359	03312413	36°35′42″	86°01′15″	PUNCHEON CR NEAR GREENVALLEY (1)							9.30	9.17	50	2.290	80	1.99	5	10	03435770
	1.55	2.03	13.7	8.81	1.43	1.55	1.84	2.29	2.74	3.76	4.94	6.07	7.62	9.42		12.3	18.3		31.1
	0.55	0.84	13.9	5.87	0.51	0.59	0.71	0.93	1.21	1.80	2.56	3.62	5.18	7.46		11.3	17.7		30.7
	0.34	0.59	14.7	5.28	0.33	0.39	0.49	0.65	0.90	1.38	2.15	3.31	5.20	8.09		12.1	18.7		31.4
	0.35	*0.59*	*2.79*	*2.77*	*0.44*	*0.46*	*0.54*	*0.73*	*0.90*	*1.27*	*1.62*	*2.03*	*2.02*	*1.86*		*3.38*	*6.80*		*11.0*
360	03312457	36°33′48″	86°05′30″	LONG CREEK AT LONG CREEK (1)							15.5	16.2	47	2.295	81	1.80	5	9	03435770
	1.25	1.80	22.8	12.5	1.13	1.26	1.58	2.11	2.67	4.05	5.81	7.64	10.3	13.6		19.5	30.5		51.7
	0.65	1.13	24.3	10.3	0.60	0.73	0.91	1.28	1.72	2.74	4.06	5.94	8.85	13.3		19.8	30.1		52.6
	0.50	0.90	25.8	9.00	0.49	0.59	0.74	0.99	1.40	2.20	3.52	5.53	8.85	13.9		20.9	32.7		55.6
	0.45	*0.76*	*4.93*	*4.65*	*0.38*	*0.42*	*0.50*	*0.66*	*0.81*	*1.10*	*1.70*	*2.39*	*2.67*	*2.64*		*3.90*	*5.65*		*9.37*
361	03313640	36°36′31″	86°28′31″	W FORK DRAKES CR BL PORTLAND (1)							57.5	57.2	48	2.305	56	1.47	3	7	03435770
	1.25	2.12	84.5	37.1	1.07	1.25	1.75	2.69	3.81	7.04	12.0	18.0	28.0	42.3		71.4	113		192
	1.29	2.30	92.5	32.6	1.25	1.48	1.89	2.67	3.76	6.38	10.3	16.5	29.5	46.8		73.5	116		206
	1.65	3.00	90.7	32.1	1.62	1.99	2.47	3.39	4.80	7.92	12.6	19.7	31.5	49.2		74.3	115		199
	0.40	*0.59*	*6.74*	*11.4*	*0.32*	*0.35*	*0.39*	*0.46*	*0.57*	*0.73*	*1.06*	*1.42*	*3.79*	*3.89*		*4.80*	*5.38*		*9.20*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
362	03313820	36°33′55″	86°16′03″	DUTCH CREEK AT WESTMORELAND (0)	0.59	0.60	50	2.301	82	1.21	--	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.00	1.07	0.60 0.00 0.00 0.00 0.00 0.00 0.19	0.26	0.35	0.49	0.65		0.86	1.19		2.16
	0.00	0.00	0.86	0.27 0.00 0.00 0.00 0.00 0.00 0.07	0.10	0.16	0.26	0.41		0.65	1.07		1.86
	0.27	*0.32*	*1.22*	*1.84 0.49 0.39 0.43 0.51 0.63 0.86*	*1.06*	*1.29*	*1.31*	*1.11*		*2.28*	*3.82*		*4.61*
363	03313870	36°34′20″	86°13′03″	BIG TRAMMEL CR NR WESTMORELAND (1)	4.09	4.12	49	2.300	82	1.28	4	5	03435770
	0.90	1.14	6.01	3.94 0.85 0.91 1.05 1.26 1.47 1.92	2.42	2.88	3.49	4.18		5.24	8.04		13.7
	0.32	0.49	6.40	3.02 0.29 0.34 0.40 0.52 0.66 0.97	1.35	1.85	2.58	3.57		5.32	8.30		14.4
	0.12	0.22	6.12	2.03 0.12 0.15 0.18 0.24 0.32 0.49	0.78	1.22	1.96	3.10		4.76	7.62		13.2
	0.68	*0.88*	*2.38*	*2.92 1.03 0.96 1.04 1.23 1.49 1.93*	*2.13*	*2.37*	*2.27*	*1.87*		*4.09*	*12.1*		*15.7*
364	03313871	36°34′16″	86°13′52″	DAVIS BRANCH NEAR WESTMORELAND (0)	0.92	0.91	50	2.300	82	1.21	--	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.00	1.60	0.91 0.00 0.00 0.00 0.00 0.00 0.29	0.40	0.54	0.76	0.97		1.26	1.73		3.12
	0.00	0.00	1.31	0.42 0.00 0.00 0.00 0.00 0.00 0.10	0.16	0.25	0.40	0.64		1.00	1.63		2.84
	0.32	*0.38*	*1.50*	*2.05 0.56 0.45 0.49 0.58 0.73 0.98*	*1.20*	*1.45*	*1.47*	*1.26*		*2.65*	*4.75*		*6.87*
365	03403750	36°35′13″	84°05′16″	CLEAR FORK NEAR JELLICO (1)	240	240	34	2.185	61	3.37	2	4	03408500
	0.37	2.63	455	161 0.33 0.65 1.48 4.36 10.8 26.1	50.3	89.5	157	252		372	589		1049
	2.04	6.40	422	166 2.05 3.16 4.78 8.35 14.9 31.5	58.3	100	165	253		367	556		985
	2.17	5.25	389	142 2.15 2.89 3.95 6.35 10.8 22.1	43.1	78.5	138	228		341	545		907
	0.90	*1.11*	*8.22*	*16.6 0.35 0.43 0.49 0.60 0.99 1.90*	*3.23*	*5.23*	*8.33*	*9.94*		*14.8*	*14.3*		*11.9*
366	03403800	36°34′59″	84°08′21″	ELK CREEK AT JELLICO (1)	51.1	51.0	32	2.186	68	2.94	4	8	03408500
	0.21	0.84	96.8	35.0 0.19 0.31 0.56 1.20 2.31 5.63	10.9	19.4	34.1	54.8		81.1	125		223
	0.00	1.08	116	36.2 0.00 0.00 0.71 1.23 2.32 5.21	10.4	18.9	36.0	66.3		101	146		256
	0.00	0.57	79.2	23.5 0.00 0.00 0.42 0.70 1.25 2.77	5.93	11.8	22.7	40.3		64.0	110		189
	0.56	*0.70*	*1.47*	*3.40 0.34 0.38 0.44 0.52 0.78 1.32*	*1.78*	*1.96*	*2.11*	*2.13*		*3.01*	*5.11*		*5.77*
367	03407790	36°07′28″	84°25′32″	NEW RIVER AT FORK MOUNTAIN (0)	3.37	3.37	32	2.243	62	3.48	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.00	6.11	2.02 0.00 0.00 0.00 0.00 0.18 0.32	0.60	1.14	2.05	3.05		4.74	7.31		13.8
	0.00	0.00	5.52	1.36 0.00 0.00 0.00 0.00 0.07 0.16	0.34	0.69	1.34	2.50		4.19	7.49		13.1
	0.48	*0.58*	*1.38*	*2.98 0.79 0.75 0.82 1.00 1.19 1.61*	*1.84*	*1.97*	*2.16*	*1.73*		*1.74*	*2.38*		*3.50*
368	03407797	36°07′40″	84°24′17″	COON POOL BRANCH AT TIOGA (0)	0.85	1.01	32	2.243	62	3.48	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.00	2.01	0.85 0.00 0.00 0.00 0.00 0.00 0.13	0.24	0.45	0.81	1.09		1.50	2.22		4.34
	0.00	0.00	1.63	0.38 0.00 0.00 0.00 0.00 0.00 0.05	0.10	0.19	0.38	0.72		1.22	2.21		3.85
	0.32	*0.37*	*0.81*	*1.98 0.61 0.53 0.57 0.68 0.81 1.08*	*1.28*	*1.50*	*1.40*	*1.00*		*1.14*	*1.49*		*2.27*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)								DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%	
											Central and East Tennessee region--continued									
369	03407820	36°10′14″	84°17′13″	LIGIAS FORK NEAR STAINVILLE (0)							8.99	9.01	33	2.239	62	3.48	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.33	16.6	5.75	0.00	0.00	0.00	0.32	0.52	0.96	1.68	2.94	5.30	8.98		14.4	20.9		37.0
	0.00	0.13	14.9	4.14	0.00	0.00	0.00	0.16	0.27	0.57	1.15	2.20	4.10	7.32		11.8	20.3		34.7
	0.64	*0.83*	*1.95*	*3.07*	*0.67*	*0.74*	*0.82*	*0.96*	*1.09*	*1.36*	*1.58*	*1.67*	*1.73*	*1.80*		*2.05*	*3.00*		*4.06*
370	03407840	36°12′26″	84°19′12″	LIGIAS FORK AT STAINVILLE (0)							20.4	20.4	33	2.238	62	3.48	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.55	39.5	12.4	0.00	0.00	0.00	0.61	1.02	2.00	3.61	6.24	11.6	21.3		34.5	52.4		91.9
	0.00	0.31	34.1	9.74	0.00	0.00	0.00	0.37	0.64	1.35	2.72	5.20	9.66	17.1		27.4	46.4		79.4
	0.98	*1.38*	*2.81*	*3.63*	*0.75*	*0.88*	*0.99*	*1.08*	*1.17*	*1.51*	*1.84*	*1.92*	*2.13*	*2.55*		*3.22*	*4.29*		*5.32*
371	034078735	36°16′13″	84°20′39″	NICKS CREEK NR SMOKEY JUNCTION (0)							5.03	5.02	32	2.236	62	3.48	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.19	8.68	3.00	0.00	0.00	0.00	0.00	0.29	0.52	0.95	1.71	2.99	4.48		7.01	10.9		20.4
	0.00	0.05	8.21	2.07	0.00	0.00	0.00	0.00	0.11	0.24	0.52	1.05	2.04	3.79		6.30	11.2		19.4
	0.61	*0.71*	*1.45*	*3.02*	*0.80*	*0.77*	*0.84*	*1.02*	*1.18*	*1.54*	*1.71*	*1.79*	*1.94*	*1.73*		*1.76*	*2.36*		*3.21*
372	03407876	36°14′23″	84°24′48″	SMOKEY CREEK AT HEMBREE (1, 2)							17.2	19.2	32	2.238	62	3.48	7	0	03407876
	0.14	0.65	45.5	15.4	0.12	0.20	0.38	0.66	1.30	2.64	5.21	9.63	16.4	25.1		39.1	60.3		114
	0.00	0.37	39.8	11.5	0.00	0.00	0.00	0.41	0.74	1.55	3.01	5.49	10.8	20.5		34.2	51.5		92.2
	0.00	0.20	32.1	8.38	0.00	0.00	0.00	0.25	0.45	1.00	2.13	4.29	8.32	15.3		25.0	43.6		75.7
	1.08	*1.33*	*2.79*	*3.56*	*0.94*	*0.97*	*1.04*	*1.14*	*1.22*	*1.65*	*1.91*	*1.95*	*2.12*	*2.54*		*3.22*	*4.36*		*5.12*
373	03407879	36°16′38″	84°22′27″	SMOKEY CREEK AT SMOKEY JUNCTION (1)							32.8	32.8	32	2.236	62	3.48	4	8	03407876
	0.27	1.23	86.8	29.4	0.23	0.38	0.72	1.26	2.48	5.03	9.94	18.4	31.3	47.9		74.6	115		217
	0.00	0.50	69.5	20.4	0.00	0.00	0.34	0.59	1.12	2.58	5.31	10.0	19.8	37.6		59.6	89.8		163
	0.00	0.35	55.0	14.7	0.00	0.00	0.26	0.43	0.78	1.75	3.75	7.53	14.6	26.6		43.3	75.0		130
	1.41	*2.21*	*3.68*	*3.57*	*0.83*	*0.93*	*1.02*	*1.20*	*1.36*	*2.00*	*2.34*	*2.23*	*2.19*	*2.48*		*4.23*	*6.98*		*7.53*
374	03407990	36°24′18″	84°29′45″	NEW RIVER AT HUNTSVILLE (1)							300	307	32	2.233	58	3.58	4	5	03408500
	0.48	3.38	575	208	0.42	0.83	1.90	5.59	13.8	33.6	64.8	115	203	326		481	744		1323
	0.93	4.40	560	212	0.93	1.68	2.92	6.00	12.7	31.0	64.7	122	209	327		475	726		1316
	1.27	3.55	532	153	1.28	1.80	2.58	4.44	8.14	18.6	40.0	79.9	153	274		434	730		1259
	1.00	*1.36*	*10.8*	*13.5*	*0.40*	*0.47*	*0.53*	*0.67*	*1.12*	*2.25*	*3.68*	*5.86*	*7.94*	*7.70*		*9.71*	*9.46*		*10.5*
375	03408200	36°20′43″	84°32′22″	BRIMSTONE CREEK NEAR ROBBINS (1)							48.7	48.8	32	2.235	51	3.87	4	5	03409500
	0.28	0.85	84.0	28.5	0.36	0.51	0.67	1.10	1.93	4.33	8.27	15.7	27.9	45.7		69.8	109		197
	0.00	0.72	98.1	30.2	0.00	0.00	0.48	0.85	1.66	4.00	8.22	15.6	29.6	53.6		83.4	128		235
	0.00	0.53	83.8	22.8	0.00	0.00	0.38	0.66	1.20	2.77	5.92	11.8	22.8	41.5		67.3	116		200
	1.11	*1.66*	*4.80*	*4.32*	*0.58*	*0.63*	*0.69*	*0.83*	*1.01*	*1.47*	*1.88*	*2.06*	*2.44*	*2.85*		*5.00*	*6.25*		*6.55*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
376	03408550	36°18′25″	84°54′35″	N PRONG CLEAR FORK NR GRIMSLEY (0)							27.1	27.1	32	2.263	15	4.22	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.16	48.8	12.4	0.00	0.00	0.12	0.20	0.36	1.02	2.47	5.63	11.8	21.9		37.4	60.6		113
	0.00	0.23	48.3	12.3	0.00	0.00	0.16	0.29	0.56	1.50	3.20	6.42	12.5	23.0		39.9	69.9		123
	0.75	*1.26*	*4.54*	*4.12*	*0.41*	*0.47*	*0.56*	*0.75*	*0.86*	*1.25*	*1.90*	*2.12*	*2.52*	*3.24*		*4.59*	*5.91*		*7.18*
377	03408700	36°17′13″	84°50′33″	CLEAR FORK AT GATEWOOD (1)							70.2	70.2	32	2.263	17	3.97	5	5	03409500
	0.19	0.68	121	41.0	0.25	0.37	0.51	0.91	1.76	4.53	9.67	22.6	40.3	65.8		101	157		284
	0.09	0.34	126	34.9	0.00	0.00	0.24	0.46	0.91	2.93	7.44	16.8	34.2	60.9		98.7	158		298
	0.19	0.61	126	32.7	0.00	0.00	0.43	0.78	1.50	3.99	8.55	17.1	33.2	61.0		104	180		317
	1.06	*1.67*	*6.09*	*4.61*	*0.52*	*0.61*	*0.67*	*0.81*	*0.95*	*1.49*	*2.01*	*2.34*	*3.09*	*3.86*		*5.91*	*6.25*		*6.78*
378	03409100	36°16′52″	84°40′58″	WHITE OAK CREEK NEAR SUNBRIGHT (0)							21.4	21.4	35	2.239	61	2.69	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.79	38.8	13.2	0.00	0.00	0.00	0.87	1.36	2.47	4.17	6.89	12.2	21.3		33.4	51.3		89.5
	0.00	0.47	34.4	10.7	0.00	0.00	0.00	0.55	0.89	1.75	3.29	5.93	10.5	17.9		28.0	46.3		79.0
	0.84	*1.33*	*2.84*	*3.44*	*0.62*	*0.74*	*0.84*	*0.95*	*1.04*	*1.23*	*1.62*	*1.75*	*1.93*	*2.28*		*2.97*	*4.00*		*5.27*
379	03409350	36°17′12″	84°42′15″	BONE CAMP CREEK NEAR BURRVILLE (0)							23.0	23.0	35	2.239	42	2.86	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.60	40.5	13.1	0.00	0.00	0.00	0.68	1.06	2.07	3.74	6.65	12.0	20.9		33.1	51.9		92.9
	0.00	0.48	37.3	11.7	0.00	0.00	0.00	0.57	0.94	1.92	3.63	6.52	11.5	19.6		31.0	51.3		87.7
	0.82	*1.31*	*3.21*	*3.73*	*0.61*	*0.73*	*0.83*	*0.94*	*1.03*	*1.24*	*1.68*	*1.84*	*2.06*	*2.47*		*3.27*	*4.29*		*5.64*
380	03409395	36°19′16″	84°39′13″	BLACK WOLF CREEK NEAR GLENMARY (1)							31.4	31.4	35	2.237	51	3.55	3	4	03407876
	0.26	1.20	79.8	27.2	0.22	0.36	0.68	1.18	2.32	4.70	9.25	17.0	28.9	44.2		68.7	106		199
	0.00	0.80	56.9	18.2	0.00	0.00	0.60	0.92	1.48	2.92	5.32	9.37	17.0	29.7		47.0	73.7		132
	0.00	0.73	52.9	17.1	0.00	0.00	0.55	0.86	1.43	2.88	5.42	9.70	17.0	28.7		44.6	72.8		122
	0.76	*1.29*	*3.41*	*3.52*	*0.50*	*0.58*	*0.68*	*0.84*	*0.99*	*1.33*	*1.81*	*1.94*	*2.03*	*2.41*		*3.89*	*6.80*		*7.36*
381	03409400	36°21′12″	84°41′26″	WHITE OAK CREEK AT RUGBY (1)							98.0	98.0	35	2.235	51	3.01	3	4	03409500
	0.14	0.75	169	57.3	0.20	0.34	0.52	1.12	2.67	8.72	16.6	31.6	56.2	91.9		141	220		397
	0.74	2.08	177	60.5	0.69	1.10	1.58	2.63	4.66	9.87	18.3	32.6	58.2	98.7		151	234		415
	0.95	2.25	163	54.2	0.85	1.26	1.70	2.69	4.46	9.01	17.0	30.5	53.6	89.5		138	223		378
	0.92	*1.27*	*5.34*	*5.27*	*0.40*	*0.46*	*0.51*	*0.62*	*0.94*	*1.59*	*2.14*	*2.55*	*3.35*	*3.89*		*7.45*	*9.72*		*7.85*
382	03410000	36°30′18″	84°30′32″	PINE CREEK TRIBUTARY AT ONEIDA (0)							1.21	1.20	32	2.230	50	3.30	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.00	2.36	0.95	0.00	0.00	0.00	0.00	0.00	0.14	0.27	0.50	0.90	1.25		1.79	2.73		5.26
	0.00	0.00	1.89	0.46	0.00	0.00	0.00	0.00	0.00	0.05	0.11	0.23	0.45	0.84		1.44	2.61		4.56
	0.34	*0.39*	*0.84*	*2.23*	*0.65*	*0.57*	*0.61*	*0.73*	*0.87*	*1.17*	*1.41*	*1.65*	*1.54*	*1.10*		*1.20*	*1.54*		*2.34*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
383	03410010	36°29′49″	84°31′08″	PINE CREEK AT U.S. HWY 27 AT ONEIDA (0)							5.27	5.28	32	2.230	60	3.11	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.21	9.48	3.52	0.00	0.00	0.00	0.00	0.33	0.58	1.07	1.97	3.50	5.05		7.77	11.3		21.1
	0.00	0.05	8.43	2.14	0.00	0.00	0.00	0.00	0.11	0.25	0.53	1.07	2.09	3.87		6.45	11.5		20.1
	0.60	*0.69*	*1.23*	*2.44*	*0.77*	*0.75*	*0.81*	*0.97*	*1.10*	*1.39*	*1.51*	*1.54*	*1.54*	*1.41*		*1.49*	*2.28*		*3.08*
384	03410050	36°27′13″	84°39′04″	S FORK CUMBERLAND R NR HELENWOOD (1)							712	712	33	2.230	46	3.50	4	4	03410500
	4.20	11.5	1315	495	4.67	6.39	8.81	15.6	28.9	70.7	163	323	528	806		1175	1755		3038
	5.04	15.0	1257	477	4.99	7.19	10.8	20.3	37.5	84.4	163	294	497	768		1120	1676		2968
	4.37	11.5	1243	402	4.39	6.06	8.49	14.3	25.5	56.9	116	219	402	688		1063	1725		2940
	1.08	*1.28*	*12.9*	*20.9*	*0.46*	*0.57*	*0.64*	*0.80*	*1.32*	*2.70*	*4.26*	*6.31*	*7.95*	*7.82*		*9.67*	*10.7*		*12.3*
385	03410210	36°28′38″	84°40′09″	S FK CUMBERLAND R, LEATHERWOOD FORD (1)							806	806	33	2.229	43	3.57	7	0	03410210
	18.0	27.0	1305	454	21.1	22.8	26.3	34.8	52.2	91.6	167	278	455	692		1050	1570		2780
	5.95	17.0	1418	535	5.86	8.28	12.2	22.9	41.9	93.6	181	329	559	863		1264	1891		3351
	4.91	12.9	1413	460	4.93	6.84	9.58	16.2	29.0	65.4	133	252	460	787		1216	1970		3353
	0.99	*1.18*	*12.5*	*14.3*	*0.44*	*0.55*	*0.62*	*0.78*	*1.31*	*2.72*	*4.33*	*6.16*	*7.18*	*7.60*		*9.54*	*10.5*		*12.1*
386	03414340	36°11′02″	85°09′53″	EAST FORK OBEY RIVER AT OBEY CITY (1)							34.6	34.6	34	2.276	10	3.28	7	8	03414500
	0.29	0.55	70.9	21.1	0.31	0.36	0.46	0.75	1.20	2.44	5.36	13.1	26.5	42.3		61.7	94.2		168
	0.00	0.16	58.0	15.6	0.00	0.00	0.13	0.24	0.40	1.14	2.93	6.85	14.0	23.9		39.2	64.2		127
	0.00	0.45	60.2	17.1	0.00	0.00	0.33	0.57	1.02	2.63	5.11	9.47	17.3	30.2		51.5	87.4		154
	0.86	*1.69*	*5.19*	*3.97*	*0.39*	*0.46*	*0.55*	*0.74*	*0.86*	*1.23*	*1.85*	*2.09*	*2.51*	*3.31*		*4.91*	*6.01*		*7.32*
387	03414346	36°11′42″	85°04′06″	HURRICANE CREEK AT CAMP GROUND (1)							15.8	15.7	32	2.273	15	3.56	4	5	03414500
	0.02	0.05	32.4	9.62	0.02	0.03	0.04	0.07	0.15	0.41	1.28	4.67	12.1	19.3		28.2	43.0		76.6
	0.00	0.15	28.8	7.98	0.00	0.00	0.00	0.17	0.29	0.75	1.72	3.81	7.81	13.8		22.9	35.7		65.6
	0.00	0.12	27.4	6.62	0.00	0.00	0.00	0.16	0.29	0.79	1.69	3.41	6.68	12.5		21.9	39.1		69.8
	0.69	*1.05*	*4.51*	*4.67*	*0.56*	*0.60*	*0.69*	*0.89*	*1.02*	*1.62*	*2.25*	*2.53*	*3.00*	*3.85*		*5.63*	*6.97*		*7.21*
388	03414430	36°16′24″	85°02′40″	EAST FORK OBEY RIVER NEAR WILDER (1)							117	116	41	2.269	31	3.02	4	5	03414500
	0.08	0.18	240	71.2	0.08	0.10	0.14	0.27	0.51	1.32	3.76	12.4	36.8	86.1		171	319		567
	1.31	2.67	199	65.1	1.36	1.67	2.13	3.32	5.19	10.4	18.8	33.8	63.4	104		164	259		459
	2.20	4.67	202	74.3	2.18	2.81	3.64	5.51	8.61	16.6	28.1	45.8	74.6	118		179	278		464
	0.78	*1.05*	*5.89*	*6.48*	*0.42*	*0.44*	*0.46*	*0.57*	*0.73*	*0.98*	*1.25*	*1.59*	*4.12*	*3.66*		*5.74*	*7.10*		*7.82*
389	03414680	36°18′52″	85°10′53″	WEST FORK OBEY RIVER NEAR ALLRED (1)							70.8	70.7	51	2.271	50	2.13	5	6	03414500
	1.90	3.00	145	43.1	1.92	2.16	2.60	3.68	5.22	8.76	15.6	29.9	54.3	86.6		126	193		343
	1.99	3.39	117	43.9	1.97	2.36	2.90	3.94	5.39	8.76	14.2	23.2	39.6	62.2		96.6	152		266
	2.70	4.84	115	46.6	2.64	3.20	3.96	5.45	7.71	12.7	19.6	29.8	45.9	69.2		101	152		253
	0.41	*0.60*	*6.67*	*6.70*	*0.38*	*0.38*	*0.41*	*0.49*	*0.58*	*0.70*	*0.96*	*1.28*	*3.34*	*3.47*		*5.22*	*6.89*		*9.34*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
390	03415960	36°32′14″	84°57′09″	WOLF RIVER AT WOLF RIVER (1)							41.0	40.9	48	2.253	42	2.58	7	16	03416000
	2.42	3.60	73.1	26.3	2.48	2.72	3.19	3.97	5.36	7.88	11.4	18.0	29.2	42.9		62.7	94.0		164
	1.10	1.95	63.7	23.5	1.09	1.33	1.63	2.19	3.00	4.82	7.80	12.5	21.5	33.9		52.9	84.8		153
	1.34	2.51	66.9	27.1	1.31	1.61	2.02	2.85	4.13	7.08	11.2	17.2	26.7	40.5		59.9	90.9		150
	0.48	*0.69*	*3.34*	*4.40*	*0.44*	*0.48*	*0.52*	*0.58*	*0.66*	*0.74*	*0.93*	*1.05*	*2.39*	*2.64*		*3.84*	*5.09*		*5.74*
391	03415975	36°32′20″	84°56′56″	ROTTEN FORK WOLF R NEAR PALL MALL (1)							21.6	21.7	51	2.252	47	2.46	8	18	03416000
	0.53	0.88	38.5	13.9	0.56	0.63	0.78	1.04	1.53	2.54	4.10	7.48	14.1	22.6		33.0	49.5		86.2
	0.82	1.37	32.2	12.0	0.80	0.97	1.17	1.51	1.98	2.99	4.51	6.73	10.6	17.2		27.0	45.2		79.8
	0.83	1.50	34.8	14.3	0.81	0.98	1.22	1.68	2.38	3.91	6.04	9.15	14.0	21.1		31.0	47.0		77.2
	0.34	*0.58*	*2.09*	*2.36*	*0.36*	*0.39*	*0.46*	*0.60*	*0.70*	*0.86*	*1.13*	*1.32*	*1.55*	*1.64*		*2.15*	*3.25*		*5.19*
392	03416100	36°36′04″	85°07′12″	WOLF R AT ST HWY 42 NR BYRDSTOWN (1)							138	138	54	2.261	56	1.90	3	4	03415500
	7.75	11.0	231	95.2	7.94	8.72	9.72	12.2	15.8	23.8	35.9	54.3	80.2	141		205	310		547
	4.93	8.00	223	85.7	4.93	5.71	6.92	9.18	12.3	19.4	30.0	46.8	79.9	123		185	288		509
	6.28	10.8	220	94.4	6.09	7.32	8.96	12.1	16.8	26.8	40.8	60.9	92.2	136		195	289		480
	0.60	*0.74*	*4.72*	*6.74*	*0.48*	*0.50*	*0.51*	*0.57*	*0.68*	*0.85*	*1.04*	*1.31*	*3.45*	*3.14*		*5.01*	*7.01*		*6.87*
393	03417695	36°19′08″	85°20′30″	ROARING RIVER AT OKALONA (1)							15.3	14.4	63	2.275	68	1.55	4	4	03416000
	1.35	2.00	27.3	9.83	1.38	1.50	1.74	2.12	2.78	3.95	5.51	8.35	13.0	16.0		23.4	35.1		61.1
	0.95	1.35	22.5	9.11	0.90	1.02	1.18	1.47	1.87	2.80	3.98	5.64	8.38	12.5		19.0	30.3		51.7
	0.83	1.33	21.8	8.97	0.80	0.94	1.13	1.44	1.89	2.76	4.02	5.82	8.67	12.8		18.6	28.0		46.7
	0.41	*0.70*	*2.63*	*2.22*	*0.44*	*0.50*	*0.57*	*0.66*	*0.76*	*0.87*	*1.18*	*1.46*	*1.44*	*1.34*		*2.34*	*4.04*		*5.90*
394	03417750	36°20′46″	85°20′04″	CARR CREEK NEAR LIVINGSTON (1)							21.2	21.4	58	2.274	66	1.68	2	7	03418000
	1.05	1.57	29.9	13.0	0.94	1.12	1.31	1.67	2.21	3.56	5.25	7.62	11.4	17.1		25.1	39.1		67.6
	1.18	1.79	32.9	13.7	1.12	1.28	1.53	1.99	2.57	3.95	5.77	8.33	12.5	18.7		27.7	43.1		73.9
	1.07	1.78	33.1	13.4	1.04	1.23	1.49	1.94	2.60	3.93	5.85	8.63	13.0	19.4		28.3	42.7		71.3
	0.34	*0.61*	*2.82*	*3.24*	*0.36*	*0.38*	*0.44*	*0.58*	*0.72*	*0.95*	*1.42*	*1.88*	*2.12*	*2.17*		*3.37*	*4.79*		*7.10*
395	03417800	36°21′57″	85°20′26″	TOWN CREEK AT LIVINGSTON (1)							15.1	14.9	56	2.274	67	1.58	2	4	03418000
	0.54	0.82	21.3	9.29	0.49	0.58	0.68	0.87	1.15	1.87	2.78	4.05	6.12	12.2		17.9	27.8		48.2
	0.76	1.18	23.1	9.36	0.71	0.84	1.02	1.34	1.73	2.65	3.88	5.64	8.41	12.7		19.1	30.2		52.1
	0.67	1.13	22.7	8.92	0.65	0.78	0.94	1.23	1.66	2.52	3.79	5.65	8.63	13.0		19.1	29.1		49.0
	0.31	*0.55*	*2.81*	*2.24*	*0.34*	*0.36*	*0.42*	*0.54*	*0.65*	*0.80*	*1.13*	*1.45*	*1.48*	*1.37*		*2.33*	*4.38*		*6.69*
396	03418020	36°21′36″	85°26′02″	FLAT CREEK NEAR HILHAM (1)							22.5	22.5	65	2.276	75	1.41	2	5	03418000
	1.40	2.10	31.7	13.8	1.30	1.54	1.78	2.22	2.89	4.51	6.50	9.20	13.5	18.1		26.7	41.5		71.8
	1.76	2.44	36.3	15.6	1.68	1.85	2.14	2.65	3.35	5.00	7.01	9.90	14.6	21.2		30.9	47.0		79.2
	1.41	2.20	33.8	14.2	1.36	1.58	1.88	2.37	3.08	4.42	6.40	9.21	13.6	20.0		28.8	43.0		71.9
	0.40	*0.63*	*2.31*	*3.08*	*0.44*	*0.48*	*0.53*	*0.60*	*0.72*	*0.87*	*1.28*	*1.64*	*1.92*	*1.72*		*2.84*	*3.87*		*5.19*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
397	03418030	36°14′46″	85°23′14″	SPRING CREEK NEAR ALGOOD (1)							13.8	14.9	57	2.278	71	1.68	7	9	03414500
	2.13	2.65	28.3	8.40	2.17	2.29	2.50	2.94	3.46	4.41	5.76	7.83	10.3	16.9		24.6	37.6		66.9
	0.80	1.22	23.2	9.46	0.75	0.87	1.05	1.38	1.78	2.73	3.97	5.72	8.52	12.8		19.3	30.5		52.4
	0.72	1.20	23.0	9.09	0.70	0.83	1.00	1.30	1.75	2.62	3.92	5.82	8.84	13.3		19.5	29.6		49.5
	0.31	*0.56*	*2.92*	*2.30*	*0.33*	*0.35*	*0.41*	*0.54*	*0.64*	*0.80*	*1.12*	*1.46*	*1.49*	*1.39*		*2.38*	*4.44*		*6.74*
398	03418050	36°17′51″	85°27′44″	SPRING CREEK NEAR COOKEVILLE (1)							50.3	54.0	62	2.278	79	1.43	2	6	03418000
	3.75	5.35	70.9	35.4	3.39	3.97	4.57	5.65	7.26	11.1	15.7	21.9	31.5	45.1		59.6	92.7		160
	2.23	3.54	82.6	35.5	2.11	2.42	2.98	4.00	5.26	8.35	12.4	18.3	32.2	46.8		68.3	104		183
	3.23	5.10	82.8	34.8	3.12	3.64	4.35	5.55	7.29	10.6	15.5	22.6	33.7	49.5		70.7	105		176
	0.47	*0.63*	*5.37*	*3.73*	*0.46*	*0.46*	*0.49*	*0.56*	*0.63*	*0.70*	*0.90*	*1.09*	*2.38*	*2.11*		*3.87*	*5.72*		*7.90*
399	03418060	36°20′20″	85°31′12″	SPRING CREEK NEAR HILHAM (1)							74.2	78.0	61	2.278	80	1.47	1	9	03414500
	0.26	0.38	152	45.2	0.28	0.30	0.35	0.45	0.58	0.84	1.27	2.04	56.9	90.7		132	202		360
	2.84	4.46	121	47.9	2.74	3.14	3.85	5.12	6.74	10.6	16.1	23.7	43.3	66.2		99.9	154		274
	4.62	7.32	121	51.2	4.46	5.21	6.24	8.00	10.6	15.4	22.8	33.2	49.6	72.7		103	153		256
	0.64	*0.74*	*4.86*	*5.35*	*0.67*	*0.64*	*0.66*	*0.73*	*0.84*	*1.04*	*1.19*	*1.37*	*3.61*	*3.33*		*4.51*	*6.58*		*7.13*
400	03418180	36°20′53″	85°34′00″	BLACKBURN FORK NR DODSON BRANCH (1)							61.0	61.8	62	2.278	81	1.42	9	14	03416000
	7.99	10.6	109	45.8	8.13	8.70	9.76	11.4	14.1	18.7	24.3	33.8	47.8	63.9		93.2	140		243
	2.73	4.22	96.7	42.5	2.57	2.93	3.60	4.79	6.28	9.99	14.8	21.7	38.7	55.9		80.7	122		214
	3.73	5.87	94.7	40.0	3.60	4.20	5.01	6.39	8.40	12.2	17.9	26.0	38.7	56.8		80.9	120		201
	0.45	*0.61*	*5.02*	*3.76*	*0.44*	*0.45*	*0.48*	*0.54*	*0.61*	*0.69*	*0.88*	*1.06*	*2.37*	*2.12*		*3.46*	*5.21*		*7.13*
401	03418189	36°21′21″	85°35′18″	MORRISON CREEK NEAR GAINESBORO (0)							11.2	11.2	48	2.278	74	2.24	1	--	--
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	0.58	0.93	17.8	7.99	0.53	0.63	0.77	1.04	1.38	2.19	3.25	4.72	6.98	10.2		14.8	22.2		38.6
	0.38	0.69	18.1	6.61	0.37	0.45	0.56	0.76	1.07	1.69	2.67	4.14	6.52	10.1		15.1	23.4		39.0
	0.39	*0.70*	*3.24*	*4.35*	*0.41*	*0.44*	*0.52*	*0.70*	*0.87*	*1.15*	*1.76*	*2.50*	*2.77*	*2.92*		*3.58*	*4.74*		*7.44*
402	03418205	36°22′19″	85°39′18″	DOE CREEK NEAR GAINESBORO (0)							8.30	8.31	40	2.278	65	2.34	1	--	--
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	0.00	0.63	13.6	6.04	0.00	0.00	0.00	0.67	0.93	1.50	2.27	3.42	5.24	7.77		11.5	17.6		30.3
	0.00	0.30	13.4	4.32	0.00	0.00	0.00	0.34	0.51	0.89	1.52	2.54	4.26	7.00		10.9	17.6		29.9
	0.48	*0.76*	*3.04*	*5.13*	*0.52*	*0.55*	*0.65*	*0.91*	*1.16*	*1.77*	*2.50*	*3.19*	*3.39*	*3.35*		*4.07*	*5.37*		*7.08*
403	03418230	36°25′11″	85°40′21″	JENNINGS CREEK NEAR GAINESBORO (0)							72.3	72.3	41	2.277	73	2.28	1	--	--
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	0.91	2.11	119	43.8	0.92	1.25	1.67	2.50	3.88	7.46	12.8	21.2	39.0	63.2		97.9	156		277
	1.56	3.08	120	42.0	1.53	1.91	2.46	3.53	5.28	9.06	15.4	25.3	41.7	66.7		99.7	156		263
	0.68	*1.13*	*8.87*	*7.47*	*0.35*	*0.39*	*0.43*	*0.52*	*0.61*	*0.79*	*1.09*	*1.43*	*3.67*	*4.45*		*7.21*	*8.09*		*11.3*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
404	03418250	36°18′27″	85°42′43″	FLYNN CREEK NEAR FLYNNS LICK (0)							25.0	25.1	45	2.281	68	2.38	1	--	--
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	0.74	1.29	38.8	14.7	0.70	0.83	1.05	1.49	2.03	3.36	5.21	7.90	12.5	20.0		30.8	48.8		85.6
	0.72	1.35	41.5	15.0	0.70	0.86	1.08	1.51	2.19	3.61	5.85	9.28	14.8	23.3		34.8	54.0		90.4
	0.46	*0.86*	*7.97*	*7.43*	*0.40*	*0.44*	*0.53*	*0.73*	*0.93*	*1.25*	*2.06*	*2.94*	*3.48*	*4.12*		*5.18*	*5.07*		*9.06*
405	03418520	35°53′10″	85°15′05″	CLIFTY CREEK AT MOBRA (0)							14.8	14.8	32	2.287	13	4.29	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.14	26.8	7.42	0.00	0.00	0.00	0.16	0.28	0.71	1.61	3.60	7.39	12.8		21.4	33.1		61.0
	0.00	0.12	26.9	6.40	0.00	0.00	0.00	0.15	0.29	0.78	1.67	3.35	6.57	12.3		21.8	38.8		68.8
	0.61	*0.94*	*4.83*	*4.52*	*0.51*	*0.54*	*0.62*	*0.81*	*0.96*	*1.57*	*2.19*	*2.45*	*2.91*	*3.81*		*5.88*	*7.55*		*7.90*
406	03418925	35°45′46″	85°10′09″	BEE CR AT LANTANA RD AT WINESAP (0)							16.9	16.8	32	2.288	10	3.62	1	--	--
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	0.00	0.12	29.9	7.89	0.00	0.00	0.00	0.14	0.25	0.66	1.59	3.73	7.83	13.7		23.0	36.2		67.7
	0.00	0.12	29.8	7.02	0.00	0.00	0.00	0.15	0.30	0.84	1.80	3.63	7.15	13.4		24.1	43.2		77.7
	0.65	*1.00*	*4.82*	*4.43*	*0.50*	*0.53*	*0.61*	*0.81*	*0.97*	*1.57*	*2.21*	*2.39*	*2.80*	*3.62*		*5.43*	*6.89*		*7.73*
407	03418935	35°44′07″	85°11′43″	BEAVERDAM CR, LANTANA RD, BELLVIEW (0)							17.0	17.3	32	2.288	9	3.41	1	--	--
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	0.00	0.11	30.6	7.96	0.00	0.00	0.00	0.13	0.23	0.64	1.57	3.74	7.88	13.8		23.2	36.6		69.0
	0.00	0.12	30.4	7.14	0.00	0.00	0.00	0.15	0.30	0.85	1.82	3.67	7.25	13.6		24.6	44.1		79.9
	0.65	*0.99*	*4.79*	*4.40*	*0.49*	*0.53*	*0.61*	*0.81*	*0.96*	*1.56*	*2.19*	*2.37*	*2.78*	*3.60*		*5.39*	*6.84*		*7.68*
408	03418950	35°46′24″	85°13′58″	BEE CREEK NEAR HERBERT DOMAIN (0)							59.6	59.6	32	2.288	11	3.75	1	--	--
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	0.00	0.22	106	26.9	0.00	0.00	0.17	0.32	0.61	2.03	5.45	12.8	27.0	48.9		80.2	128		245
	0.00	0.45	108	26.6	0.00	0.00	0.32	0.59	1.14	3.21	6.90	13.9	27.2	50.6		88.9	156		280
	1.25	*1.65*	*6.37*	*6.33*	*0.49*	*0.56*	*0.59*	*0.69*	*0.89*	*1.53*	*2.35*	*3.14*	*3.77*	*4.24*		*5.80*	*5.78*		*7.59*
409	03418995	35°45′35″	85°15′57″	GLADE CREEK NEAR LONEWOOD (0)							39.1	39.2	32	2.289	10	3.60	1	--	--
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	0.00	0.14	69.5	17.7	0.00	0.00	0.11	0.20	0.38	1.28	3.49	8.58	18.3	32.5		53.2	86.6		163
	0.00	0.29	70.5	17.0	0.00	0.00	0.20	0.37	0.72	2.04	4.37	8.82	17.3	32.4		57.5	102		183
	1.36	*2.24*	*5.79*	*5.02*	*0.61*	*0.72*	*0.81*	*0.97*	*1.04*	*1.46*	*2.26*	*2.53*	*3.02*	*3.58*		*5.67*	*6.75*		*7.99*
410	03419110	35°49′12″	85°22′58″	CANEY FORK AT DODSON (1)							297	297	34	2.291	16	3.67	4	4	03418500
	0.27	0.70	570	119	0.29	0.32	0.40	1.28	3.40	12.5	32.9	78.7	177	321		519	795		1429
	1.41	2.80	520	130	1.48	1.68	2.12	3.92	6.86	17.4	36.5	73.7	144	272		434	672		1213
	1.69	4.63	551	163	1.72	2.43	3.39	5.86	10.5	25.7	50.3	92.8	168	291		475	780		1355
	0.95	*1.64*	*9.96*	*6.17*	*0.46*	*0.55*	*0.65*	*0.94*	*1.46*	*2.44*	*3.57*	*4.94*	*5.27*	*4.69*		*7.25*	*7.00*		*8.95*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
411	03419140	35°49′57″	85°25′36″	HICKORY VALLEY BR NR RIVER HILL (0)	9.80	11.9	68	2.292	63	1.19	1	--	--
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	0.75	1.07	18.4	7.03 0.72 0.81 0.93 1.16 1.47 2.15	3.11	4.49	6.61	9.82		15.4	25.0		42.7
	0.71	1.11	17.6	7.04 0.69 0.80 0.95 1.19 1.53 2.22	3.17	4.54	6.76	9.97		14.7	22.2		37.7
	0.53	*0.80*	*2.60*	*2.24 0.62 0.66 0.74 0.81 0.92 1.06*	*1.35*	*1.58*	*1.42*	*1.28*		*2.28*	*3.79*		*5.53*
412	03419170	35°39′48″	85°20′50″	ROCKHOUSE CR, FALL CR FALLS STATE PARK (0)	3.09	3.11	32	2.332	10	3.57	1	--	--
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	0.00	0.00	5.27	2.06 0.00 0.00 0.00 0.00 0.10 0.22	0.46	0.95	1.85	2.69		4.40	7.51		13.5
	0.00	0.00	5.65	1.15 0.00 0.00 0.00 0.00 0.05 0.14	0.29	0.59	1.19	2.32		4.31	7.97		14.6
	0.39	*0.54*	*2.18*	*3.07 0.45 0.42 0.47 0.62 0.77 1.30*	*1.93*	*2.51*	*2.49*	*2.23*		*3.48*	*5.35*		*5.72*
413	03419178	35°38′45″	85°23′12″	FALL CR, PARK BDRY, FALL CR FALLS ST PARK (0)	2.29	2.29	32	2.334	12	4.14	1	--	--
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	0.00	0.00	3.45	1.29 0.00 0.00 0.00 0.00 0.07 0.15	0.30	0.60	1.13	1.69		2.80	5.27		9.35
	0.00	0.00	4.25	0.87 0.00 0.00 0.00 0.00 0.04 0.10	0.22	0.45	0.90	1.76		3.24	5.97		10.8
	0.43	*0.53*	*1.77*	*2.80 0.54 0.49 0.52 0.61 0.74 1.12*	*1.53*	*1.92*	*1.95*	*1.72*		*2.86*	*4.87*		*5.13*
414	03419180	35°39′15″	85°21′52″	FALL CR, PARK RD, FALL CR FALLS ST PARK (0)	5.92	5.86	32	2.333	14	4.53	1	--	--
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	0.00	0.09	10.0	3.84 0.00 0.00 0.00 0.00 0.15 0.35	0.79	1.71	3.51	5.19		8.16	13.3		24.1
	0.00	0.04	11.2	2.36 0.00 0.00 0.00 0.00 0.11 0.29	0.61	1.24	2.47	4.78		8.65	15.7		28.1
	0.55	*0.85*	*3.47*	*3.71 0.52 0.51 0.58 0.77 0.93 1.70*	*2.47*	*2.99*	*2.90*	*3.13*		*4.51*	*7.27*		*7.60*
415	03419182	35°39′58″	85°21′20″	FALL CR FALLS AT FALL CR FALLS ST PARK (0)	6.67	6.60	32	2.332	15	4.63	1	--	--
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	0.00	0.09	11.4	4.16 0.00 0.00 0.00 0.09 0.15 0.37	0.85	1.86	3.83	5.86		9.29	15.0		27.1
	0.00	0.05	12.6	2.69 0.00 0.00 0.00 0.06 0.12 0.33	0.70	1.42	2.82	5.44		9.80	17.7		31.6
	0.60	*0.92*	*3.67*	*3.79 0.55 0.55 0.63 0.83 0.99 1.75*	*2.50*	*3.04*	*2.98*	*3.35*		*4.80*	*7.74*		*7.94*
416	03419190	35°39′40″	85°23′08″	PINEY CREEK NEAR SPENCER (0)	21.6	21.7	32	2.333	10	3.46	1	--	--
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	0.00	0.12	38.4	11.5 0.00 0.00 0.00 0.14 0.24 0.77	2.09	4.91	10.4	17.8		28.9	46.5		89.3
	0.00	0.15	40.3	8.71 0.00 0.00 0.00 0.19 0.37 1.04	2.23	4.52	9.03	17.3		31.5	56.8		104
	0.96	*1.50*	*5.52*	*3.44 0.52 0.56 0.64 0.81 0.94 2.01*	*2.87*	*2.84*	*2.73*	*3.04*		*4.55*	*6.57*		*7.91*
417	03419200	35°44′36″	85°23′33″	CANE CREEK NEAR SPENCER (0)	134	135	34	2.292	15	3.57	1	--	--
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	0.44	1.07	237	56.5 0.47 0.59 0.80 1.47 2.57 6.40	13.9	29.0	59.6	118		190	299		543
	0.73	2.01	247	71.3 0.74 1.05 1.47 2.53 4.54 11.1	21.7	40.2	73.0	127		211	350		611
	0.87	*1.36*	*7.98*	*4.71 0.42 0.48 0.53 0.71 1.08 1.79*	*2.61*	*3.35*	*3.74*	*3.68*		*5.93*	*6.31*		*8.53*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
418	03419270	36°01′53″	85°20′10″	CALFKILLER RIVER NEAR TAYLORS (1)	37.7	40.6	56	2.284	43	2.45	9	12	03414500
	5.21	6.76	77.3	29.9 5.33 5.69 6.31 7.64 9.27 12.4	17.0	24.4	34.0	46.1		67.2	103		183
	1.17	2.07	65.0	22.4 1.14 1.42 1.76 2.35 3.15 4.85	7.74	12.2	20.2	31.6		51.5	85.9		152
	1.87	3.28	68.1	27.9 1.83 2.20 2.69 3.67 5.13 8.28	12.5	18.4	27.8	41.5		60.8	90.6		149
	0.40	*0.63*	*5.04*	*5.76 0.38 0.41 0.44 0.51 0.60 0.70*	*0.95*	*1.21*	*2.84*	*2.46*		*3.59*	*4.65*		*7.64*
419	03419300	35°59′37″	85°25′10″	CHERRY CREEK AT YANKEETOWN (1)	16.7	16.5	71	2.287	70	1.56	8	12	03420000
	1.90	2.42	35.2	12.7 1.83 2.01 2.36 2.72 3.32 4.75	6.58	9.02	14.2	22.0		32.3	48.7		84.3
	1.15	1.64	26.2	10.6 1.10 1.23 1.42 1.78 2.27 3.34	4.69	6.65	9.86	14.8		22.6	35.0		59.5
	1.21	1.85	25.4	10.7 1.16 1.34 1.58 1.98 2.54 3.59	5.07	7.16	10.4	15.2		21.9	32.4		53.8
	0.44	*0.58*	*1.47*	*1.56 0.50 0.52 0.55 0.57 0.65 0.77*	*0.90*	*1.06*	*1.06*	*1.06*		*1.91*	*3.20*		*4.61*
420	03419500	35°56′02″	85°27′32″	CALFKILLER RIVER AT SPARTA (1, 2)	157	157	60	2.290	51	2.17	9	0	03419500
	13.3	20.2	294	115 15.1 16.9 19.2 22.2 26.6 37.0	51.2	75.8	118	185		276	401		710
	7.14	11.0	262	101 7.07 8.03 9.50 12.5 16.5 25.3	38.3	59.4	96.9	152		231	349		603
	8.90	14.8	264	114 8.67 10.2 12.4 16.6 22.8 35.5	52.6	76.5	113	166		238	346		570
	0.54	*0.61*	*5.32*	*9.12 0.49 0.49 0.50 0.56 0.67 0.85*	*1.07*	*1.41*	*4.59*	*5.36*		*5.53*	*6.60*		*8.38*
421	03420110	35°39′50″	85°34′52″	ROCKY RIVER AT WHITE HILL (0)	53.3	53.3	38	2.337	19	3.65	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.44	0.95	98.5	32.2 0.00 0.00 0.77 1.11 1.75 4.14	8.54	15.9	30.6	52.2		79.1	119		219
	0.59	1.42	102	30.1 0.00 0.00 1.07 1.72 2.84 6.06	10.7	18.4	31.4	53.1		86.2	139		239
	0.89	*1.18*	*8.68*	*3.74 0.42 0.48 0.56 0.66 1.01 2.22*	*2.92*	*2.81*	*2.90*	*3.15*		*5.05*	*7.27*		*10.9*
422	03420116	35°42′04″	85°34′40″	ROCKY R AT ROCKY R RD AT RIVERVIEW (1)	72.0	72.1	43	2.336	24	3.53	9	23	03421000
	1.26	1.96	132	36.5 1.20 1.36 1.60 2.26 3.25 5.96	11.2	22.0	46.6	86.8		122	182		298
	1.13	2.28	130	40.2 1.16 1.46 1.87 2.74 4.13 7.61	13.3	22.4	41.5	71.5		109	161		289
	1.44	3.07	137	45.5 1.45 1.84 2.38 3.62 5.66 10.9	18.1	29.2	47.4	76.4		119	185		312
	0.80	*1.06*	*9.05*	*3.24 0.51 0.58 0.67 0.91 1.43 2.28*	*2.78*	*2.78*	*2.73*	*3.59*		*6.53*	*9.74*		*14.5*
423	03420120	35°44′10″	85°35′38″	ROCKY RIVER NEAR SPENCER (1)	78.8	84.4	50	2.335	30	3.23	3	4	03421000
	3.91	5.52	145	54.4 3.75 4.15 4.70 6.17 8.19 13.2	21.5	36.6	66.0	95.0		134	199		326
	2.54	4.45	156	46.2 2.63 3.12 3.78 5.11 6.98 11.6	18.4	29.1	50.8	86.5		132	196		346
	2.78	5.35	159	57.6 2.77 3.40 4.27 6.16 9.12 16.1	25.1	38.4	59.7	92.6		140	211		351
	0.81	*1.25*	*8.88*	*4.81 0.63 0.75 0.87 1.12 1.88 2.91*	*3.26*	*3.64*	*3.91*	*5.34*		*8.30*	*9.87*		*12.8*
424	03420125	35°45′01″	85°34′05″	LAUREL CREEK NEAR BONE CAVE (1)	29.0	24.7	48	2.335	43	2.44	3	4	03420000
	0.21	0.42	61.2	22.0 0.18 0.24 0.39 0.58 1.05 2.97	7.71	16.1	24.7	38.1		56.0	84.5		146
	0.74	1.39	43.0	13.5 0.72 0.91 1.14 1.55 2.12 3.35	5.34	8.38	13.4	21.6		33.5	52.4		94.4
	0.71	1.36	43.5	14.6 0.71 0.87 1.09 1.53 2.23 3.78	6.00	9.35	14.9	23.6		36.2	56.3		95.4
	0.45	*0.75*	*6.28*	*4.48 0.37 0.40 0.47 0.62 0.80 1.10*	*1.76*	*2.50*	*2.85*	*3.48*		*4.41*	*5.43*		*8.18*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
425	03420150	35°21′20″	85°32′56″	MILL CREEK AT PALMER (0)							7.36	7.33	32	2.345	15	4.69	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.11	10.9	4.43	0.00	0.00	0.00	0.11	0.19	0.46	0.99	2.02	3.81	5.59		8.79	14.6		26.2
	0.00	0.06	14.3	2.97	0.00	0.00	0.00	0.07	0.14	0.36	0.78	1.58	3.14	6.09		11.0	19.9		35.6
	0.64	*0.93*	*3.56*	*3.78*	*0.62*	*0.58*	*0.65*	*0.82*	*0.98*	*1.71*	*2.45*	*3.00*	*2.93*	*3.27*		*4.72*	*7.87*		*7.17*
426	03420156	35°23′35″	85°34′00″	COLLINS RIVER AT BARKERTOWN (1)							22.9	23.0	32	2.344	15	4.84	6	9	03578000
	0.04	0.09	48.2	8.07	0.04	0.05	0.06	0.10	0.21	0.66	2.04	6.11	15.8	29.6		43.6	63.9		112
	0.00	0.16	37.8	11.0	0.00	0.00	0.00	0.18	0.29	0.88	2.21	4.71	9.51	16.6		27.7	45.2		85.9
	0.00	0.18	45.7	9.88	0.00	0.00	0.00	0.24	0.46	1.22	2.62	5.29	10.5	20.1		35.8	63.6		114
	1.04	*1.55*	*5.82*	*3.34*	*0.51*	*0.56*	*0.64*	*0.80*	*0.98*	*2.15*	*2.97*	*2.95*	*2.95*	*3.33*		*5.02*	*7.54*		*8.89*
427	03420160	35°24′58″	85°42′21″	BIG CREEK NEAR ALTAMONT (0)							20.5	20.7	32	2.345	12	4.06	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.13	34.4	10.8	0.00	0.00	0.00	0.15	0.24	0.78	2.04	4.42	8.96	15.5		25.5	41.1		79.3
	0.00	0.15	40.0	8.51	0.00	0.00	0.00	0.19	0.37	1.03	2.21	4.49	8.94	17.2		31.1	55.9		101
	0.98	*1.51*	*5.90*	*3.30*	*0.54*	*0.57*	*0.66*	*0.85*	*0.98*	*2.12*	*2.91*	*2.88*	*2.88*	*3.26*		*4.96*	*7.44*		*8.75*
428	03420165	35°26′20″	85°42′41″	FIRESCALD CREEK NEAR ALTAMONT (0)							6.52	6.54	37	2.344	12	4.00	1	--	--
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	0.00	0.34	9.53	3.36	0.00	0.00	0.00	0.34	0.48	0.84	1.32	2.08	3.42	5.01		8.18	13.8		23.5
	0.00	0.14	12.4	3.32	0.00	0.00	0.00	0.16	0.28	0.63	1.14	1.99	3.47	6.04		10.3	17.3		30.0
	0.70	*1.07*	*3.21*	*3.51*	*0.62*	*0.58*	*0.65*	*0.82*	*1.02*	*1.82*	*2.37*	*2.74*	*2.73*	*2.96*		*4.39*	*7.42*		*6.66*
429	03420170	35°25′59″	85°43′14″	PINEY CREEK AT ALTAMONT (0)							9.37	9.36	34	2.344	11	3.86	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.24	15.7	5.15	0.00	0.00	0.00	0.25	0.39	0.76	1.44	2.72	4.85	7.73		13.1	21.0		36.8
	0.00	0.12	17.7	4.25	0.00	0.00	0.00	0.15	0.26	0.66	1.28	2.39	4.45	8.11		14.3	24.8		44.1
	0.79	*1.14*	*4.90*	*3.82*	*0.61*	*0.58*	*0.65*	*0.80*	*0.95*	*1.83*	*2.67*	*3.19*	*3.03*	*3.57*		*5.06*	*7.12*		*7.04*
430	03420190	35°30′33″	85°39′58″	PEPPER HOLLOW BRANCH AT TARLTON (0)							4.41	4.53	48	2.341	39	3.90	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.34	0.51	6.58	2.77	0.30	0.35	0.42	0.54	0.70	1.00	1.36	1.86	2.65	3.65		5.80	9.55		15.9
	0.14	0.26	8.47	2.76	0.13	0.16	0.21	0.30	0.44	0.74	1.17	1.81	2.87	4.60		7.15	11.2		18.5
	0.54	*0.62*	*2.65*	*2.48*	*0.68*	*0.62*	*0.66*	*0.80*	*1.00*	*1.31*	*1.49*	*1.77*	*1.81*	*1.83*		*3.78*	*9.86*		*10.6*
431	03420200	35°31′04″	85°40′27″	COLLINS RIVER NEAR TARLTON (1)							174	174	34	2.341	18	4.22	3	4	03421000
	2.86	4.10	320	39.4	2.75	3.03	3.44	4.50	5.97	9.59	15.6	26.5	47.8	210		295	439		721
	0.57	1.74	308	79.0	0.60	0.88	1.22	2.34	4.28	10.6	22.6	45.4	86.9	159		252	393		713
	0.98	2.70	346	92.0	1.01	1.41	1.97	3.40	6.13	14.6	28.7	53.1	97.3	173		288	476		832
	0.98	*1.39*	*12.5*	*4.71*	*0.48*	*0.55*	*0.61*	*0.82*	*1.21*	*1.96*	*2.71*	*3.04*	*3.19*	*3.71*		*6.75*	*7.62*		*11.7*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
432	03420230	35°34′17″	85°42′42″	SCOTT CREEK AT IRVING COLLEGE (1)							34.1	34.4	51	2.339	63	2.00	5	11	03421000
	1.66	2.26	62.7	16.8	1.61	1.76	1.96	2.49	3.19	4.84	7.45	11.9	19.9	41.1		57.9	86.1		141
	1.07	1.88	56.1	18.3	1.05	1.23	1.54	2.16	2.96	4.83	7.44	11.5	18.0	28.6		44.2	69.2		122
	1.24	2.21	59.2	20.3	1.22	1.46	1.81	2.46	3.45	5.46	8.49	13.0	20.5	32.2		48.4	74.4		127
	0.63	*0.90*	*5.84*	*4.52*	*0.40*	*0.41*	*0.49*	*0.65*	*0.95*	*1.36*	*2.16*	*2.91*	*3.25*	*4.04*		*5.25*	*6.29*		*7.93*
433	03420300	35°40′29″	85°42′28″	COLLINS RIVER AT SHELLSFORD (1)							325	325	43	2.337	33	3.55	3	5	03421000
	12.3	16.0	597	89.8	11.9	12.9	14.1	17.4	21.5	30.8	44.6	66.5	104	392		552	820		1347
	7.99	12.9	559	174	7.94	8.99	10.6	15.0	21.7	38.3	64.0	107	185	320		476	727		1287
	7.47	15.4	632	219	7.49	9.41	12.1	18.3	28.5	53.2	88.5	142	229	366		554	841		1409
	0.80	*1.19*	*12.1*	*5.18*	*0.87*	*0.99*	*1.14*	*1.77*	*3.00*	*5.35*	*6.20*	*5.76*	*5.19*	*6.91*		*10.6*	*11.8*		*15.0*
434	03420440	35°40′41″	85°57′06″	S PRONG BARREN FORK NR TROUSDALE (1)							65.3	65.3	138	2.345	33	0.95	3	7	03596000
	5.24	7.87	110	37.7	5.66	6.35	7.54	8.89	10.6	13.8	17.9	24.9	38.4	57.1		86.1	129		225
	11.6	15.2	113	49.6	11.2	12.3	13.8	15.9	18.8	23.9	28.9	36.9	49.8	68.9		93.9	137		235
	9.36	12.5	101	47.0	9.01	10.1	11.3	13.3	15.8	21.5	26.8	34.0	45.9	62.6		89.5	127		215
	0.62	*0.54*	*8.87*	*2.11*	*0.74*	*0.69*	*0.71*	*0.70*	*0.75*	*0.83*	*0.92*	*1.15*	*1.63*	*2.72*		*6.37*	*10.4*		*19.2*
435	03420470	35°42′40″	85°57′25″	N PRONG BARREN FORK AT OAK GROVE (1)							29.8	29.9	136	2.330	24	0.94	4	13	03596000
	7.97	10.2	50.4	26.1	8.35	8.94	9.91	10.9	12.2	14.3	16.7	20.3	26.3	35.7		39.3	59.0		103
	4.65	6.20	51.5	19.8	4.85	5.25	5.92	6.69	7.63	9.30	11.2	14.9	20.5	28.9		40.8	61.1		105
	3.79	5.20	44.8	20.9	3.65	4.14	4.65	5.55	6.65	9.44	11.7	14.9	20.2	27.6		40.2	57.5		97.8
	0.38	*0.36*	*4.61*	*1.01*	*0.45*	*0.39*	*0.41*	*0.41*	*0.44*	*0.51*	*0.55*	*0.60*	*0.81*	*1.40*		*3.62*	*13.7*		*26.0*
436	03420720	35°34′32″	85°51′02″	HICKORY CREEK NEAR VIOLA (1)							58.2	57.0	51	2.340	66	1.62	6	11	03596000
	2.29	3.68	98.4	22.9	2.51	2.87	3.50	4.24	5.23	7.08	9.60	14.0	23.3	42.1		77.0	115		201
	1.49	2.66	93.0	29.0	1.46	1.76	2.22	3.10	4.33	7.11	11.0	17.1	27.3	45.2		73.0	113		201
	2.00	3.52	95.5	32.8	1.97	2.37	2.92	3.93	5.48	8.66	13.5	20.7	32.9	51.4		77.1	119		205
	0.94	*1.30*	*8.75*	*5.25*	*0.56*	*0.62*	*0.73*	*0.89*	*1.41*	*1.74*	*2.47*	*3.03*	*3.36*	*4.11*		*5.90*	*7.76*		*10.9*
437	03420800	35°39′30″	85°48′10″	HICKORY CREEK NEAR MCMINNVILLE (1)							132	133	80	2.337	68	1.38	9	15	03596000
	5.11	9.52	223	105	5.76	6.85	8.92	11.5	15.1	22.5	33.5	55.3	77.2	115		174	262		455
	11.6	17.1	223	94.9	11.5	13.1	15.1	18.8	23.3	32.6	45.1	62.8	93.6	139		201	291		491
	11.8	17.3	219	92.4	11.4	12.9	15.1	18.7	23.8	33.2	46.0	63.6	91.9	132		188	271		456
	1.16	*1.03*	*3.29*	*2.73*	*1.25*	*1.17*	*1.14*	*1.20*	*1.32*	*1.51*	*1.62*	*1.74*	*1.89*	*1.93*		*2.55*	*4.13*		*7.08*
438	03420900	35°40′23″	85°45′33″	BARREN FORK AT MCMINNVILLE (1)							303	303	112	2.337	57	1.19	5	7	03420500
	55.2	66.8	524	219	45.3	53.4	58.7	66.6	80.6	98.8	117	152	201	291		430	604		988
	62.8	84.7	567	301	57.2	64.7	74.3	90.6	109	141	179	228	298	398		531	729		1152
	42.6	57.2	491	234	41.0	45.5	51.3	61.5	74.8	99.7	129	168	231	317		437	609		1017
	1.21	*1.19*	*3.40*	*1.87*	*0.98*	*1.10*	*1.10*	*1.17*	*1.26*	*1.32*	*1.35*	*1.58*	*1.67*	*1.90*		*2.39*	*3.38*		*7.26*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
439	03421150	35°44′32″	85°51′12″	CHARLES CREEK AT DAY LIGHT (1)							13.8	14.3	120	2.330	33	0.93	4	9	03596000
	1.38	1.99	23.3	7.97	1.48	1.64	1.91	2.21	2.59	3.27	4.12	5.51	8.07	12.1		18.2	27.3		47.6
	1.46	2.01	24.0	9.19	1.44	1.57	1.78	2.13	2.59	3.43	4.52	6.25	9.30	14.3		21.3	30.6		51.1
	1.62	2.25	21.3	9.36	1.56	1.77	2.00	2.38	2.85	3.96	5.03	6.54	9.03	12.6		18.4	26.9		45.8
	0.49	*0.52*	*2.46*	*1.52*	*0.56*	*0.47*	*0.50*	*0.53*	*0.63*	*0.78*	*0.86*	*0.96*	*1.11*	*1.86*		*4.11*	*12.0*		*28.2*
440	03421200	35°43′00″	85°46′05″	CHARLES CREEK NEAR MCMINNVILLE (1)							31.1	32.1	120	2.335	53	1.05	4	6	03420500
	11.8	13.3	53.8	27.0	10.6	11.6	12.3	13.3	14.9	16.8	18.6	21.7	25.7	32.0		44.2	62.0		101
	4.85	6.27	52.2	21.6	4.68	5.05	5.65	6.54	7.68	9.67	12.1	15.8	21.4	30.7		44.6	65.2		108
	4.37	5.83	49.4	22.2	4.20	4.65	5.23	6.13	7.29	9.56	12.2	15.8	21.7	30.1		42.7	61.1		103
	0.48	*0.47*	*8.88*	*1.63*	*0.64*	*0.56*	*0.60*	*0.61*	*0.67*	*0.78*	*0.84*	*0.92*	*1.25*	*2.20*		*6.21*	*15.3*		*38.5*
441	03421390	35°47′53″	85°45′58″	MOUNTAIN CREEK NEAR DIBRELL (1)							42.7	42.8	120	2.310	41	0.98	7	13	03426800
	8.14	10.7	72.7	39.0	7.35	7.96	9.10	10.9	13.1	17.5	22.3	28.8	37.2	48.0		57.8	86.2		153
	7.98	10.4	72.4	35.3	7.88	8.45	9.43	11.0	12.9	16.4	20.4	26.8	35.9	48.5		64.9	92.3		150
	5.53	7.49	63.5	30.2	5.30	5.96	6.71	7.94	9.50	12.9	16.5	21.3	29.1	39.7		56.4	80.5		135
	0.55	*0.53*	*3.03*	*1.56*	*0.70*	*0.62*	*0.65*	*0.66*	*0.72*	*0.86*	*0.95*	*1.05*	*1.21*	*1.66*		*2.81*	*4.08*		*7.11*
442	03422600	35°53′00″	85°45′01″	SINK CREEK AT KELTONBURG (1)							30.2	29.8	120	2.306	45	1.17	3	4	03426800
	3.35	4.50	51.4	26.8	2.95	3.25	3.80	4.68	5.83	8.23	11.0	23.0	25.6	29.0		40.9	60.9		108
	5.48	6.99	50.9	23.9	5.30	5.69	6.31	7.31	8.62	10.9	13.5	17.4	24.0	33.4		46.4	65.3		104
	4.12	5.57	45.1	21.7	3.94	4.40	4.96	5.87	7.03	9.42	12.0	15.4	21.0	28.6		40.4	57.4		95.4
	0.50	*0.46*	*1.49*	*1.07*	*0.59*	*0.51*	*0.52*	*0.51*	*0.54*	*0.60*	*0.64*	*0.67*	*0.79*	*1.17*		*2.07*	*3.63*		*5.94*
443	03422620	35°55′24″	85°51′21″	PINE CR BL PINE CR SPRGS NR SMITHVILLE (1)							3.01	2.84	118	2.308	22	0.87	4	9	03420500
	0.90	1.03	5.21	2.51	0.77	0.87	0.93	1.03	1.18	1.38	1.57	1.90	2.35	3.11		4.28	6.00		9.82
	0.24	0.37	4.50	1.57	0.24	0.27	0.32	0.39	0.47	0.63	0.81	1.10	1.63	2.44		3.86	6.23		10.4
	0.27	0.38	3.97	1.72	0.26	0.30	0.34	0.40	0.49	0.71	0.90	1.18	1.63	2.29		3.45	5.15		8.85
	0.42	*0.45*	*2.61*	*1.83*	*0.45*	*0.33*	*0.36*	*0.39*	*0.48*	*0.62*	*0.69*	*0.89*	*1.31*	*2.34*		*5.71*	*4.06*		*5.20*
444	03422651	35°55′06″	85°49′32″	MURPHY BR BL WHARTON SPRG, SMITHVILLE (1)							2.20	2.20	120	2.307	38	0.96	2	11	03420500
	1.11	1.22	3.81	2.24	1.00	1.09	1.14	1.22	1.34	1.49	1.63	1.85	2.14	2.59		3.21	4.38		7.18
	0.23	0.34	3.40	1.41	0.23	0.25	0.29	0.35	0.43	0.57	0.74	0.98	1.42	2.04		3.07	4.62		7.50
	0.25	0.35	3.11	1.36	0.24	0.27	0.31	0.36	0.42	0.57	0.72	0.94	1.29	1.81		2.67	3.96		6.70
	0.46	*0.50*	*2.72*	*1.77*	*0.48*	*0.35*	*0.38*	*0.42*	*0.50*	*0.64*	*0.71*	*0.92*	*1.39*	*2.40*		*5.30*	*4.11*		*5.40*
445	03422700	35°54′17″	85°47′02″	PINE CREEK NEAR KELTONBURG (1)							18.5	18.5	120	2.306	40	1.03	3	4	03426800
	6.75	7.99	31.5	18.4	6.29	6.63	7.22	8.10	9.12	11.0	12.9	15.1	17.9	21.0		25.4	37.3		66.2
	2.77	3.62	30.8	13.5	2.67	2.89	3.24	3.80	4.51	5.73	7.23	9.48	13.3	19.1		27.6	39.2		63.8
	2.34	3.19	27.2	12.8	2.24	2.52	2.85	3.36	4.02	5.45	6.93	8.96	12.2	16.8		24.1	34.6		58.2
	0.72	*0.70*	*2.09*	*1.33*	*0.77*	*0.65*	*0.68*	*0.70*	*0.77*	*0.85*	*0.87*	*0.90*	*0.99*	*1.49*		*3.03*	*6.91*		*13.8*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO 7Q10	LAT 30Q5	LNG MA	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening) MS	99.5%	99%	98%	95%	90%	80%	70%	DA GIS.DA 60%	GIS.GF 50%	GIS.CF 40%	GIS.SF GIS.SP 30%	YR 20%	QM LT GAGE 10%
				Central and East Tennessee region--continued													
446	03422800	36°08′38″	85°25′15″	FALLING WATER RIVER NEAR ALGOOD (1)								16.8	16.9	51	2.282	54	2.25	2	4	03418000
	0.51	0.81	23.7	9.85	0.45	0.55	0.66	0.87	1.22	2.13	3.37	5.23	8.45	13.5	19.9	31.0	53.6
	0.68	1.15	26.8	10.3	0.65	0.78	0.96	1.31	1.75	2.73	4.13	6.18	9.27	14.2	22.0	34.9	60.6
	0.63	1.13	27.5	10.4	0.61	0.74	0.92	1.25	1.76	2.83	4.38	6.68	10.3	15.9	23.6	36.1	60.2
	0.39	*0.70*	*4.13*	*3.68*	*0.36*	*0.40*	*0.47*	*0.63*	*0.78*	*1.02*	*1.51*	*2.00*	*2.08*	*2.09*	*3.18*	*4.89*	*7.72*
447	03422802	36°08′51″	85°25′22″	ROCKWELL HOLLOW BR NEAR ALGOOD (1)								5.07	5.19	55	2.282	58	2.17	2	6	03418000
	0.26	0.39	7.15	3.12	0.23	0.27	0.31	0.40	0.53	0.85	1.26	1.82	2.74	4.08	6.01	9.34	16.2
	0.41	0.60	7.98	3.54	0.38	0.44	0.52	0.66	0.83	1.20	1.65	2.27	3.18	4.47	6.73	10.6	18.1
	0.22	0.39	8.27	3.14	0.22	0.26	0.32	0.42	0.58	0.90	1.35	2.02	3.08	4.70	7.02	10.8	17.9
	0.66	*0.85*	*1.84*	*2.41*	*0.95*	*0.88*	*0.96*	*1.14*	*1.36*	*1.72*	*1.87*	*2.05*	*1.93*	*1.52*	*2.92*	*6.86*	*7.38*
448	03422900	36°05′18″	85°30′26″	PIGEON ROOST CR NR COOKEVILLE (1)								21.1	11.0	79	2.287	90	1.26	3	6	03418000
	1.02	1.54	29.8	13.0	0.94	1.12	1.31	1.66	2.20	3.54	5.23	7.59	11.4	17.0	25.0	38.9	67.3
	0.95	1.31	17.8	7.76	0.91	1.03	1.16	1.41	1.75	2.52	3.59	5.13	7.41	10.5	15.0	22.3	38.0
	0.97	1.40	16.3	6.96	0.93	1.05	1.22	1.47	1.82	2.42	3.34	4.63	6.68	9.62	13.7	20.3	33.8
	0.60	*0.59*	*1.16*	*1.31*	*0.79*	*0.66*	*0.66*	*0.65*	*0.69*	*0.75*	*0.87*	*0.96*	*0.91*	*0.87*	*1.64*	*3.20*	*3.10*
449	03422950	36°05′17″	85°31′07″	HUDGENS CREEK NEAR COOKEVILLE (1)								6.36	7.16	80	2.287	89	1.26	2	6	03418000
	0.83	1.10	8.97	4.95	0.76	0.87	0.97	1.15	1.40	1.97	2.59	3.38	4.51	6.00	7.90	11.7	20.3
	0.67	0.92	11.1	4.98	0.64	0.72	0.81	0.97	1.19	1.69	2.35	3.27	4.76	6.70	9.71	14.5	24.2
	0.63	0.91	10.5	4.46	0.61	0.68	0.79	0.95	1.18	1.56	2.14	2.97	4.28	6.17	8.84	13.1	21.9
	0.60	*0.61*	*1.84*	*1.68*	*0.77*	*0.63*	*0.65*	*0.68*	*0.74*	*0.85*	*1.04*	*1.24*	*1.22*	*1.22*	*2.15*	*2.94*	*3.19*
450	03423100	36°03′57″	85°33′54″	TOWN CREEK NEAR BOILING SPRINGS (1)								6.96	6.10	80	2.289	88	1.25	2	6	03418000
	0.34	0.51	9.82	4.28	0.31	0.37	0.43	0.55	0.73	1.17	1.72	2.50	3.76	5.61	8.25	12.8	22.2
	0.54	0.75	9.27	4.19	0.52	0.58	0.66	0.80	0.99	1.40	1.93	2.69	3.92	5.48	8.01	11.9	20.1
	0.53	0.77	8.97	3.77	0.51	0.58	0.67	0.80	0.99	1.31	1.80	2.50	3.61	5.22	7.50	11.2	18.7
	0.67	*0.69*	*1.87*	*1.91*	*0.82*	*0.68*	*0.69*	*0.73*	*0.80*	*0.93*	*1.17*	*1.40*	*1.40*	*1.30*	*2.29*	*2.94*	*3.12*
451	03423180	36°09′50″	85°32′18″	CANE CREEK AT COOKEVILLE (0)								1.53	1.59	80	2.284	90	1.29	1	--	--
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	0.21	0.31	2.67	1.44	0.20	0.23	0.26	0.32	0.39	0.55	0.74	0.98	1.33	1.78	2.29	3.09	5.34
	0.13	0.20	2.29	0.93	0.13	0.15	0.17	0.20	0.25	0.32	0.44	0.62	0.89	1.30	1.89	2.86	4.78
	0.47	*0.50*	*1.34*	*1.66*	*0.69*	*0.51*	*0.55*	*0.60*	*0.73*	*0.91*	*1.01*	*1.17*	*1.34*	*1.28*	*2.49*	*2.60*	*3.65*
452	03423200	36°07′45″	85°34′17″	CANE CREEK NEAR COOKEVILLE (1)								7.37	7.50	80	2.286	84	1.23	2	6	03418000
	0.85	1.14	10.4	5.46	0.78	0.89	1.00	1.19	1.47	2.09	2.79	3.67	4.96	6.67	8.88	13.6	23.5
	0.67	0.93	11.9	5.18	0.65	0.72	0.82	0.99	1.22	1.73	2.41	3.39	4.96	7.01	10.3	15.4	25.8
	0.65	0.94	11.0	4.66	0.62	0.70	0.82	0.99	1.22	1.63	2.23	3.10	4.47	6.44	9.24	13.8	23.0
	0.63	*0.64*	*1.81*	*1.69*	*0.79*	*0.65*	*0.67*	*0.70*	*0.76*	*0.87*	*1.06*	*1.26*	*1.24*	*1.24*	*2.16*	*2.93*	*3.21*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
453	03423250	36°04′58″	85°36′27″	CANE CREEK NEAR BOILING SPRINGS (1)							17.4	17.3	80	2.289	84	1.22	2	6	03418000
	0.89	1.33	24.5	10.7	0.77	0.92	1.08	1.37	1.81	2.92	4.31	6.26	9.40	14.0		20.6	32.1		55.5
	1.48	2.07	28.3	11.8	1.42	1.60	1.83	2.23	2.75	3.88	5.45	7.80	11.3	16.4		23.7	35.7		61.8
	1.54	2.22	25.8	11.1	1.47	1.67	1.94	2.34	2.90	3.90	5.37	7.43	10.7	15.3		21.8	32.2		53.8
	0.58	*0.58*	*1.30*	*1.54*	*0.75*	*0.65*	*0.66*	*0.67*	*0.72*	*0.79*	*0.91*	*1.03*	*1.00*	*0.96*		*1.65*	*2.94*		*3.82*
454	03423400	35°59′50″	85°36′56″	TAYLOR CREEK NEAR CASSVILLE (1)							34.2	27.7	76	2.293	88	1.26	2	6	03418000
	1.20	1.85	48.2	18.9	1.06	1.28	1.53	1.98	2.69	4.54	6.96	10.5	16.3	25.3		38.7	63.0		109
	2.51	3.59	46.4	20.2	2.36	2.68	3.12	3.88	4.87	6.97	9.72	13.8	19.4	26.7		37.9	57.7		102
	2.33	3.40	41.9	17.9	2.24	2.54	2.96	3.61	4.53	6.13	8.55	11.9	17.3	25.0		35.4	52.1		87.3
	0.48	*0.54*	*1.23*	*1.81*	*0.58*	*0.53*	*0.57*	*0.62*	*0.72*	*0.89*	*1.01*	*1.15*	*1.09*	*1.09*		*1.74*	*2.56*		*3.52*
455	03424520	36°08′26″	85°47′13″	INDIAN CREEK AT BUFFALO VALLEY (1)							29.8	29.8	49	2.290	63	2.38	2	6	03418000
	2.60	3.61	42.0	20.8	2.37	2.74	3.12	3.80	4.79	7.10	9.81	13.3	18.7	26.0		35.8	54.9		95.0
	0.92	1.59	46.0	17.6	0.86	1.02	1.30	1.85	2.54	4.19	6.58	10.1	15.5	24.0		36.8	58.3		103
	1.07	1.93	49.9	18.6	1.04	1.26	1.57	2.15	3.06	4.91	7.72	11.9	18.6	28.7		42.5	64.9		108
	0.41	*0.77*	*6.47*	*5.02*	*0.37*	*0.40*	*0.47*	*0.63*	*0.80*	*1.11*	*1.72*	*2.45*	*2.81*	*2.69*		*4.08*	*5.58*		*9.91*
456	03424532	36°08′17″	85°47′38″	BUFFALO BR AT MOUTH AT BUFFALO VALLEY (0)							5.17	5.16	47	2.291	60	2.26	1	--	--
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	0.37	0.57	7.92	3.50	0.33	0.38	0.46	0.61	0.78	1.15	1.58	2.19	3.08	4.39		6.66	10.4		17.9
	0.15	0.28	8.36	2.88	0.15	0.18	0.22	0.31	0.44	0.72	1.14	1.79	2.85	4.51		6.89	10.9		18.3
	0.34	*0.56*	*2.52*	*2.68*	*0.48*	*0.48*	*0.56*	*0.75*	*0.94*	*1.31*	*1.63*	*2.01*	*2.02*	*1.83*		*3.59*	*10.7*		*16.8*
457	03424600	35°59′04″	86°04′27″	SMITH FORK NEAR AUBURNTOWN (1)							31.1	31.2	35	2.320	24	0.93	2	6	03426800
	0.46	0.83	53.0	15.1	0.36	0.43	0.58	0.86	1.31	2.52	4.33	7.63	13.6	24.0		42.1	62.8		111
	0.00	0.39	52.0	14.8	0.00	0.00	0.28	0.45	0.72	1.79	3.79	7.42	13.6	23.6		38.5	62.6		117
	0.00	0.38	46.2	11.5	0.00	0.00	0.30	0.47	0.76	1.69	3.21	5.94	11.1	19.8		34.0	59.6		113
	1.01	*1.62*	*6.30*	*4.21*	*0.43*	*0.48*	*0.56*	*0.70*	*0.84*	*1.53*	*2.50*	*2.70*	*2.68*	*2.98*		*4.48*	*7.65*		*11.9*
458	03424620	35°57′35″	86°04′17″	HURRICANE CREEK NEAR AUBURNTOWN (1)							9.53	9.58	41	2.320	53	2.04	2	6	03426800
	0.56	0.84	16.2	5.98	0.48	0.54	0.66	0.87	1.15	1.78	2.57	3.77	5.57	8.17		12.7	19.2		34.1
	0.37	0.69	14.0	5.52	0.34	0.41	0.51	0.71	0.97	1.56	2.26	3.32	5.02	7.49		11.5	18.2		31.3
	0.16	0.33	15.9	4.76	0.16	0.20	0.26	0.38	0.57	1.00	1.70	2.82	4.76	7.91		12.5	20.4		35.4
	0.51	*0.84*	*4.52*	*3.77*	*0.45*	*0.48*	*0.56*	*0.73*	*0.91*	*1.48*	*2.13*	*2.76*	*3.06*	*3.52*		*4.83*	*7.41*		*9.20*
459	03424640	35°58′36″	86°04′14″	SAUNDERS FORK NEAR AUBURNTOWN (1)							38.0	38.0	37	2.320	31	1.39	2	6	03426800
	1.17	1.89	64.7	19.9	0.97	1.12	1.42	1.96	2.75	4.67	7.25	11.5	18.3	29.0		49.1	76.7		136
	0.00	0.60	62.9	18.8	0.00	0.00	0.45	0.71	1.13	2.58	5.16	9.63	17.0	29.0		46.9	75.8		140
	0.00	0.75	60.3	16.7	0.00	0.00	0.58	0.89	1.41	2.88	5.23	9.22	16.5	28.2		46.5	78.1		142
	0.95	*1.56*	*7.71*	*4.09*	*0.41*	*0.48*	*0.56*	*0.72*	*0.89*	*1.55*	*2.41*	*2.68*	*2.76*	*3.09*		*4.57*	*6.75*		*10.6*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
460	03424660	35°59′29″	85°59′00″	CLEAR FORK CREEK NEAR LIBERTY (1)	42.3	42.3	50	2.319	54	2.00	2	6	03426800
	4.27	5.91	72.1	29.4 3.74 4.13 4.86 6.06 7.62 10.9	14.7	20.1	27.7	37.9		54.2	82.4		151
	1.18	2.09	67.3	24.1 1.14 1.35 1.71 2.44 3.38 5.65	9.06	14.2	22.4	34.9		53.9	85.4		151
	1.43	2.59	71.4	25.4 1.41 1.70 2.12 2.90 4.12 6.71	10.5	16.2	25.5	39.6		59.5	91.4		155
	0.49	*0.86*	*6.27*	*4.52 0.37 0.41 0.47 0.62 0.77 1.02*	*1.57*	*2.26*	*2.65*	*2.56*		*3.92*	*5.63*		*9.83*
461	03424670	36°00′30″	85°57′42″	SMITH FORK AT LIBERTY (1)	137	136	40	2.319	34	1.34	1	5	03426800
	5.30	8.32	233	76.3 4.41 5.06 6.35 8.61 11.8 19.4	29.4	45.3	70.3	108		178	276		491
	1.84	3.54	234	66.6 1.84 2.23 2.84 4.30 6.51 12.3	21.9	38.4	68.6	121		189	294		528
	1.81	3.85	219	68.0 1.81 2.37 3.07 4.54 6.97 13.4	23.3	39.2	67.1	110		175	282		506
	0.98	*1.52*	*11.1*	*5.77 0.50 0.56 0.61 0.86 1.33 2.29*	*3.11*	*3.97*	*4.28*	*4.43*		*7.24*	*7.76*		*11.6*
462	03424680	36°00′54″	85°56′29″	DRY CREEK AT DOWELLTOWN (0)	41.2	41.3	65	2.318	50	1.88	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	2.02	3.14	63.8	22.0 1.93 2.23 2.66 3.52 4.56 6.70	9.75	14.1	21.0	31.9		51.9	85.6		148
	2.44	3.98	68.9	27.5 2.38 2.79 3.35 4.38 5.86 8.89	12.9	18.5	27.5	40.7		59.6	88.4		148
	0.64	*1.00*	*5.40*	*3.90 0.59 0.63 0.68 0.80 0.95 1.11*	*1.58*	*1.99*	*2.24*	*1.90*		*3.54*	*6.39*		*12.0*
463	03424700	36°03′49″	85°56′53″	HELTON CREEK NEAR TEMPERANCE HALL (1)	12.9	13.3	35	2.317	15	0.58	3	7	03418000
	0.13	0.23	14.6	4.55 0.11 0.15 0.18 0.25 0.38 0.73	1.27	2.14	3.79	6.66		11.5	23.8		41.1
	0.00	0.32	23.1	7.33 0.00 0.00 0.00 0.35 0.52 1.10	2.13	3.99	7.06	11.7		19.0	29.8		53.0
	0.00	0.13	17.9	4.25 0.00 0.00 0.00 0.15 0.25 0.59	1.12	2.09	3.99	7.16		12.8	23.2		45.7
	0.66	*1.18*	*4.86*	*4.77 0.50 0.53 0.61 0.74 0.87 1.61*	*2.68*	*3.59*	*3.63*	*3.84*		*4.80*	*5.90*		*7.42*
464	03424735	36°05′36″	85°54′58″	WALKER CREEK NEAR TEMPERANCE HALL (0)	4.65	4.65	35	2.315	20	0.76	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.18	7.90	2.92 0.00 0.00 0.00 0.00 0.28 0.52	0.94	1.69	2.93	4.28		6.72	11.0		19.4
	0.00	0.05	6.46	1.51 0.00 0.00 0.00 0.00 0.10 0.21	0.41	0.76	1.43	2.59		4.61	8.35		16.1
	0.52	*0.74*	*3.27*	*4.02 0.58 0.55 0.62 0.80 0.99 1.64*	*2.41*	*3.24*	*3.31*	*3.07*		*5.02*	*7.98*		*9.83*
465	03424750	36°07′30″	85°52′12″	SMITH FORK AT LANCASTER (1)	227	227	44	2.293	36	1.39	2	6	03421000
	10.3	14.3	417	127 9.89 10.9 12.3 15.9 20.8 32.8	52.4	87.0	153	247		384	573		941
	5.02	8.26	387	118 5.18 5.88 7.03 10.0 14.1 24.3	40.3	68.2	117	205		318	494		877
	4.65	9.15	359	129 4.60 5.87 7.44 10.7 15.8 29.0	47.8	76.9	126	197		301	469		822
	0.74	*1.20*	*7.48*	*4.83 0.49 0.54 0.60 0.83 1.20 1.90*	*2.61*	*3.57*	*3.89*	*4.03*		*6.63*	*6.78*		*7.74*
466	03424800	36°05′28″	86°01′12″	HICKMAN CREEK NEAR ALEXANDRIA (1)	12.0	11.9	35	2.315	11	0.45	2	6	03426800
	0.33	0.55	20.4	6.40 0.27 0.32 0.41 0.57 0.81 1.41	2.23	3.59	5.85	9.45		16.4	24.2		43.0
	0.00	0.30	21.2	6.71 0.00 0.00 0.00 0.33 0.49 1.01	1.96	3.70	6.54	10.8		17.7	27.7		49.0
	0.00	0.10	15.4	3.59 0.00 0.00 0.00 0.12 0.20 0.48	0.92	1.73	3.33	5.99		11.0	20.1		40.3
	0.66	*1.18*	*4.65*	*4.01 0.51 0.53 0.61 0.74 0.87 1.57*	*2.47*	*3.14*	*3.09*	*3.56*		*4.52*	*5.64*		*7.12*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
467	03424825	36°07′03″	86°01′20″	BRUSH CREEK AT BRUSH CREEK (0)							4.88	4.85	35	2.314	11	0.62	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.18	7.81	2.75	0.00	0.00	0.00	0.00	0.27	0.52	0.93	1.65	2.89	4.22		7.04	12.2		20.8
	0.00	0.04	6.51	1.51	0.00	0.00	0.00	0.00	0.09	0.21	0.40	0.74	1.42	2.56		4.68	8.59		16.9
	0.51	*0.74*	*3.20*	*3.92*	*0.56*	*0.54*	*0.61*	*0.79*	*0.97*	*1.63*	*2.41*	*3.21*	*3.25*	*2.99*		*4.92*	*7.79*		*9.57*
468	03424850	36°10′02″	85°54′34″	HICKMAN CR AT CARTHAGE JUNCTION (1)							43.0	43.0	35	2.311	17	0.66	2	6	03426800
	0.64	1.20	73.2	26.0	0.50	0.60	0.82	1.26	1.95	3.90	6.93	12.6	23.3	41.3		58.2	86.8		154
	0.00	0.41	77.4	23.3	0.00	0.00	0.31	0.52	0.88	2.30	5.32	11.1	21.4	36.7		58.0	90.5		172
	0.00	0.46	59.9	15.0	0.00	0.00	0.35	0.56	0.91	2.12	4.04	7.51	14.2	25.2		43.9	77.8		151
	0.98	*1.72*	*7.79*	*4.24*	*0.41*	*0.47*	*0.56*	*0.75*	*0.93*	*1.56*	*2.45*	*2.70*	*2.80*	*3.03*		*4.32*	*6.25*		*10.1*
469	03424900	36°11′28″	85°57′11″	MULHERRIN CR NEAR GORDONSVILLE (1)							26.9	26.9	35	2.310	20	0.59	2	6	03426800
	0.44	0.81	45.8	15.5	0.35	0.42	0.56	0.84	1.29	2.50	4.35	7.73	13.9	24.8		36.4	54.3		96.3
	0.00	0.32	45.8	13.2	0.00	0.00	0.24	0.37	0.59	1.45	3.16	6.33	11.9	20.4		33.3	53.9		102
	0.00	0.28	36.6	8.98	0.00	0.00	0.22	0.34	0.55	1.25	2.38	4.44	8.44	15.0		26.3	47.0		91.7
	0.84	*1.47*	*6.92*	*6.41*	*0.41*	*0.46*	*0.54*	*0.67*	*0.77*	*1.32*	*2.34*	*3.15*	*3.53*	*3.99*		*5.16*	*6.96*		*11.1*
470	03425200	36°21′46″	86°02′59″	DIXON CREEK AT DIXON SPRINGS (1)							19.1	19.1	37	2.303	43	1.62	2	7	03418000
	0.35	0.58	26.9	8.55	0.30	0.38	0.46	0.63	0.90	1.64	2.69	4.32	7.25	12.1		22.6	35.2		60.9
	0.00	0.55	31.4	11.2	0.00	0.00	0.00	0.61	0.93	1.85	3.35	5.84	9.97	16.2		25.3	39.5		69.6
	0.00	0.42	30.2	8.56	0.00	0.00	0.00	0.49	0.77	1.50	2.70	4.75	8.42	14.4		23.3	39.1		69.9
	0.66	*1.17*	*5.28*	*6.42*	*0.44*	*0.48*	*0.56*	*0.71*	*0.86*	*1.35*	*2.35*	*3.10*	*3.32*	*3.70*		*4.83*	*6.28*		*8.90*
471	03425275	36°26′46″	86°03′50″	GOOSE CREEK AT HILLSDALE (1)							27.4	27.4	39	2.299	54	1.90	5	13	03427500
	0.48	1.00	47.4	13.5	0.49	0.60	0.78	1.17	1.69	2.86	4.54	7.24	12.2	19.8		31.1	52.9		104
	0.00	0.83	42.5	15.5	0.00	0.00	0.62	0.97	1.46	2.81	4.87	8.12	13.3	21.5		33.9	54.1		95.4
	0.00	0.83	44.6	13.7	0.00	0.00	0.65	0.96	1.47	2.68	4.68	7.94	13.6	22.6		35.4	57.6		100
	0.65	*1.09*	*7.06*	*6.11*	*0.41*	*0.45*	*0.53*	*0.70*	*0.85*	*1.27*	*2.11*	*2.78*	*2.99*	*3.64*		*4.94*	*6.30*		*10.4*
472	03425350	36°24′07″	86°10′23″	LITTLE GOOSE CREEK AT HARTSVILLE (1)							22.3	22.3	36	2.304	26	0.78	2	7	03427500
	0.08	0.21	38.6	7.90	0.07	0.09	0.14	0.24	0.41	0.87	1.68	3.26	6.88	13.6		25.9	43.1		84.8
	0.00	0.38	37.1	11.5	0.00	0.00	0.00	0.46	0.70	1.50	3.02	5.69	10.2	17.3		28.0	44.8		82.5
	0.00	0.31	31.3	8.20	0.00	0.00	0.00	0.37	0.59	1.26	2.33	4.22	7.78	13.6		23.1	40.3		76.4
	0.67	*1.19*	*5.41*	*6.50*	*0.45*	*0.49*	*0.57*	*0.74*	*0.89*	*1.40*	*2.40*	*3.10*	*3.22*	*3.74*		*4.94*	*6.26*		*8.92*
473	03425375	36°23′18″	86°12′36″	SECOND CREEK NEAR HARTSVILLE (0)							4.73	4.74	35	2.306	14	0.46	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.17	7.83	2.78	0.00	0.00	0.00	0.00	0.26	0.50	0.91	1.64	2.88	4.23		6.91	11.7		20.2
	0.00	0.04	6.00	1.39	0.00	0.00	0.00	0.00	0.08	0.19	0.35	0.66	1.28	2.30		4.20	7.77		15.5
	0.50	*0.72*	*3.19*	*4.01*	*0.58*	*0.55*	*0.62*	*0.81*	*0.98*	*1.61*	*2.38*	*3.20*	*3.26*	*3.02*		*4.95*	*7.44*		*9.43*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
474	03425385	36°14′11″	86°10′48″	CEDAR CREEK NEAR LEBANON (0)	7.27	7.30	32	2.311	10	0.51	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.11	13.5	4.07 0.00 0.00 0.00 0.12 0.19 0.46	0.99	2.08	4.22	6.79		11.3	18.5		33.2
	0.00	0.03	9.51	1.83 0.00 0.00 0.00 0.03 0.06 0.18	0.38	0.80	1.70	3.32		6.41	12.5		25.8
	0.57	*0.86*	*4.28*	*4.35 0.52 0.54 0.61 0.77 0.88 1.52*	*2.45*	*3.46*	*3.84*	*3.95*		*5.11*	*6.56*		*8.50*
475	03425390	36°17′21″	86°12′28″	CEDAR CREEK AT CENTREVILLE (1)	28.0	28.0	32	2.309	11	0.51	1	5	03427500
	0.04	0.13	48.4	7.96 0.04 0.05 0.08 0.15 0.28 0.64	1.36	2.90	6.79	14.8		30.7	54.1		106
	0.00	0.14	50.0	13.1 0.00 0.00 0.10 0.17 0.30 0.94	2.47	5.88	12.6	22.6		37.4	59.6		114
	0.00	0.11	37.1	7.46 0.00 0.00 0.08 0.14 0.26 0.73	1.58	3.30	6.96	13.4		25.4	48.8		100
	0.90	*1.53*	*5.81*	*3.95 0.45 0.50 0.58 0.74 0.83 1.51*	*2.46*	*2.61*	*2.54*	*2.93*		*4.35*	*7.00*		*10.4*
476	03425410	36°23′23″	86°15′04″	ROCKY CREEK NEAR HARTSVILLE (0)	3.49	3.41	35	2.306	15	0.48	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.00	5.53	2.34 0.00 0.00 0.00 0.00 0.24 0.43	0.75	1.28	2.12	2.96		4.85	8.38		14.5
	0.00	0.00	4.33	0.99 0.00 0.00 0.00 0.00 0.06 0.13	0.25	0.48	0.91	1.66		3.02	5.59		11.1
	0.42	*0.59*	*2.29*	*2.68 0.52 0.48 0.55 0.72 0.86 1.35*	*1.85*	*2.33*	*2.29*	*1.96*		*3.49*	*7.43*		*8.65*
477	03425412	36°21′43″	86°15′20″	ROCKY CREEK NEAR HUNTERS POINT (0)	10.2	10.2	35	2.307	15	0.48	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.27	16.2	5.39 0.00 0.00 0.00 0.29 0.43 0.86	1.60	2.88	5.18	8.27		13.6	22.4		39.2
	0.00	0.09	13.2	3.11 0.00 0.00 0.00 0.11 0.18 0.42	0.80	1.50	2.88	5.17		9.31	17.0		33.8
	0.59	*0.99*	*4.03*	*4.78 0.47 0.50 0.59 0.75 0.88 1.55*	*2.44*	*3.15*	*3.37*	*3.56*		*4.44*	*5.73*		*7.66*
478	03425580	36°12′46″	86°19′13″	BARTONS CREEK AT LEBANON (0)	15.6	15.4	32	2.313	10	0.63	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.11	27.4	7.02 0.00 0.00 0.00 0.12 0.20 0.55	1.35	3.13	6.66	12.1		20.6	33.2		62.9
	0.00	0.06	21.0	4.17 0.00 0.00 0.00 0.08 0.15 0.42	0.90	1.88	3.94	7.63		14.5	27.9		56.8
	0.74	*1.25*	*4.93*	*5.00 0.47 0.51 0.58 0.71 0.83 1.65*	*2.80*	*3.47*	*3.57*	*3.95*		*4.85*	*5.73*		*7.22*
479	03425600	36°12′00″	86°17′36″	SINKING CREEK AT LEBANON (0)	11.0	11.1	32	2.314	10	0.52	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.13	20.3	5.91 0.00 0.00 0.00 0.13 0.22 0.57	1.30	2.85	5.80	10.1		16.8	26.3		47.1
	0.00	0.04	14.6	2.83 0.00 0.00 0.00 0.05 0.10 0.28	0.60	1.25	2.65	5.15		9.92	19.3		39.7
	0.60	*1.07*	*4.61*	*4.55 0.48 0.51 0.59 0.73 0.84 1.55*	*2.55*	*3.37*	*3.44*	*3.75*		*4.69*	*5.54*		*7.11*
480	03425610	36°14′04″	86°18′58″	BARTONS CR BL SINKING CK AT LEBANON (0)	32.4	32.4	32	2.313	10	0.57	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.16	58.0	16.1 0.00 0.00 0.12 0.19 0.33 1.06	2.91	7.05	15.1	26.7		43.8	70.6		136
	0.00	0.13	44.0	8.87 0.00 0.00 0.10 0.17 0.31 0.89	1.93	4.03	8.45	16.3		30.9	58.9		120
	1.10	*1.64*	*5.65*	*3.88 0.46 0.51 0.60 0.77 0.92 2.08*	*3.13*	*2.99*	*2.76*	*2.98*		*4.43*	*6.96*		*9.42*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
481	03425620	36°28′37″	86°18′49″	BLEDSOE CREEK AT BETHPAGE (1)							38.7	38.6	40	2.305	63	2.28	2	7	03427500
	0.16	0.44	66.9	15.3	0.15	0.21	0.30	0.52	0.87	1.79	3.39	6.46	13.4	25.9		43.9	74.7		147
	0.00	1.18	58.3	20.2	0.00	0.00	0.88	1.39	2.00	4.11	6.93	11.1	18.2	29.5		47.3	75.8		132
	0.00	1.40	65.4	20.8	0.00	0.00	1.11	1.61	2.44	4.32	7.43	12.4	20.9	34.3		52.8	84.3		145
	0.64	*1.13*	*9.19*	*5.94*	*0.37*	*0.42*	*0.50*	*0.67*	*0.79*	*1.18*	*1.97*	*2.74*	*3.38*	*3.83*		*5.00*	*6.27*		*11.4*
482	03425640	36°23′12″	86°28′54″	EAST CAMP CREEK AT GALLATIN (1)							18.9	19.8	36	2.310	23	0.84	2	7	03431600
	0.15	0.44	28.4	8.02	0.16	0.19	0.27	0.55	0.87	1.83	3.01	5.20	8.13	13.2		21.0	33.5		64.5
	0.00	0.37	33.1	10.1	0.00	0.00	0.00	0.42	0.63	1.38	2.74	5.17	9.26	15.5		25.0	39.9		73.6
	0.00	0.27	28.4	7.35	0.00	0.00	0.00	0.33	0.52	1.13	2.10	3.81	7.02	12.3		21.0	36.8		69.6
	0.72	*1.26*	*6.55*	*6.63*	*0.45*	*0.49*	*0.56*	*0.72*	*0.86*	*1.42*	*2.44*	*3.19*	*3.34*	*3.54*		*4.53*	*6.14*		*9.81*
483	03425645	36°23′13″	86°27′06″	TOWN CREEK AT GALLATIN (0)							4.74	4.71	35	2.310	11	0.41	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.17	7.62	2.65	0.00	0.00	0.00	0.00	0.26	0.49	0.89	1.60	2.81	4.11		6.87	11.9		20.3
	0.00	0.04	5.87	1.33	0.00	0.09	0.00	0.00	0.07	0.18	0.34	0.63	1.22	2.22		4.10	7.64		15.4
	0.49	*0.70*	*3.16*	*3.87*	*0.56*	*0.53*	*0.60*	*0.78*	*0.96*	*1.58*	*2.33*	*3.14*	*3.23*	*2.98*		*4.93*	*7.82*		*9.49*
484	03425698	36°14′08″	86°23′25″	SPENCER CR AT US HWY 70 NR LEBANON (0)							2.35	2.37	32	2.314	14	1.49	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.00	4.86	2.51	0.00	0.00	0.00	0.00	0.09	0.21	0.47	0.97	1.89	2.80		3.99	5.78		10.8
	0.00	0.00	3.64	0.72	0.00	0.00	0.00	0.00	0.03	0.08	0.17	0.34	0.71	1.38		2.59	4.92		9.44
	0.31	*0.44*	*1.68*	*2.27*	*0.40*	*0.37*	*0.42*	*0.56*	*0.68*	*1.10*	*1.54*	*1.98*	*1.95*	*1.59*		*2.81*	*5.91*		*6.49*
485	03425700	36°14′20″	86°24′03″	SPENCER CREEK NEAR LEBANON (0)							3.32	3.34	32	2.314	13	1.21	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.00	6.17	2.40	0.00	0.00	0.00	0.00	0.12	0.25	0.55	1.15	2.25	3.27		5.13	8.78		15.9
	0.00	0.00	4.98	0.98	0.00	0.00	0.00	0.00	0.04	0.10	0.22	0.46	0.95	1.86		3.51	6.70		13.0
	0.39	*0.55*	*2.44*	*3.31*	*0.47*	*0.43*	*0.49*	*0.63*	*0.78*	*1.29*	*1.92*	*2.59*	*2.66*	*2.39*		*3.87*	*5.84*		*7.29*
486	03425705	36°14′05″	86°25′20″	MARTHA BRANCH AT MARTHA (0)							2.84	2.54	32	2.314	13	1.34	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.00	5.10	2.29	0.00	0.00	0.00	0.00	0.10	0.23	0.51	1.08	2.11	3.06		4.38	6.75		12.2
	0.00	0.00	3.83	0.76	0.00	0.00	0.00	0.00	0.03	0.08	0.17	0.36	0.74	1.44		2.72	5.18		10.0
	0.34	*0.47*	*1.90*	*2.55*	*0.42*	*0.38*	*0.43*	*0.57*	*0.69*	*1.12*	*1.62*	*2.13*	*2.12*	*1.74*		*2.96*	*5.71*		*6.41*
487	03425775	36°11′12″	86°24′44″	MIDDLE FORK CEDAR CR AT LEEVILLE (0)							2.28	2.31	32	2.315	13	1.24	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.00	4.57	2.12	0.00	0.00	0.00	0.00	0.07	0.18	0.42	0.89	1.70	2.62		3.73	5.70		10.5
	0.00	0.00	3.44	0.67	0.00	0.00	0.00	0.00	0.03	0.07	0.15	0.32	0.65	1.28		2.42	4.63		9.01
	0.38	*0.50*	*1.70*	*2.42*	*0.54*	*0.50*	*0.54*	*0.64*	*0.76*	*1.18*	*1.63*	*2.06*	*2.04*	*1.60*		*2.85*	*5.89*		*6.58*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80% 70% 60% 50% 40% 30% 20% 10%									
				Central and East Tennessee region--continued									
488	03425800	36°13′52″	86°31′40″	CEDAR CREEK TRIB AT GREEN HILL (0)	0.86	0.86	35	2.316	47	1.15	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	0.00	1.43	0.82 0.00 0.00 0.00 0.00 0.00 0.17 0.26 0.38 0.59 0.81 1.11 1.77 3.22									
	0.00	0.00	1.25	0.29 0.00 0.00 0.00 0.00 0.00 0.04 0.08 0.15 0.28 0.50 0.87 1.58 2.93									
	0.31	*0.39*	*1.22*	*1.91 0.54 0.46 0.51 0.63 0.81 1.06 1.19 1.38 1.38 1.09 1.89 4.43 5.09*									
489	03425851	36°13′54″	86°30′19″	SILVER SPRINGS BR NR MOUNT JULIET (0)	1.39	1.42	32	2.316	10	0.52	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	0.00	2.87	1.51 0.00 0.00 0.00 0.00 0.00 0.12 0.29 0.61 1.16 1.73 2.35 3.50 6.44									
	0.00	0.00	1.82	0.33 0.00 0.00 0.00 0.00 0.00 0.03 0.07 0.14 0.31 0.61 1.20 2.40 4.95									
	0.31	*0.40*	*1.44*	*2.01 0.48 0.44 0.47 0.55 0.67 0.99 1.35 1.68 1.63 1.31 2.39 4.65 5.30*									
490	03426480	36°17′13″	86°41′48″	DRY CREEK AT EDENWOLD (0)	7.99	8.17	36	2.317	26	0.94	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	0.29	13.4	4.53 0.00 0.00 0.00 0.30 0.45 0.84 1.46 2.54 4.43 6.90 11.0 17.7 30.9									
	0.00	0.12	11.9	2.97 0.00 0.00 0.00 0.14 0.22 0.46 0.85 1.55 2.86 5.04 8.68 15.3 28.8									
	0.56	*0.87*	*4.46*	*4.15 0.51 0.53 0.61 0.80 0.98 1.56 2.36 3.20 3.35 3.74 5.23 7.51 9.49*									
491	03426577	35°49′39″	86°01′42″	PARCHCORN HOLLOW BR NR WOODBURY (0)	4.30	4.30	114	2.330	53	2.01	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.52	0.71	6.72	2.83 0.50 0.55 0.63 0.75 0.90 1.15 1.46 1.93 2.82 4.06 5.99 8.87 14.6									
	0.61	0.84	7.12	3.13 0.59 0.64 0.73 0.88 1.06 1.39 1.77 2.30 3.13 4.40 6.30 9.06 14.7									
	0.43	*0.44*	*3.08*	*2.45 0.53 0.40 0.43 0.47 0.54 0.66 0.85 1.20 1.80 2.96 7.00 6.52 7.87*									
492	03426595	35°50′00″	86°02′44″	CAVENDER BRANCH NEAR WOODBURY (1)	2.91	2.92	50	2.325	61	2.30	5	10	03426800
	0.35	0.48	4.96	2.20 0.31 0.34 0.40 0.49 0.61 0.86 1.14 1.53 2.08 2.80 3.94 5.87 10.4									
	0.24	0.37	4.59	2.13 0.23 0.26 0.31 0.39 0.50 0.72 0.98 1.34 1.87 2.56 3.88 6.13 10.5									
	0.10	0.18	4.89	1.60 0.09 0.11 0.14 0.19 0.27 0.42 0.66 1.02 1.61 2.56 3.95 6.24 10.5									
	0.57	*0.70*	*2.24*	*2.70 0.77 0.68 0.74 0.92 1.13 1.44 1.63 1.92 2.00 1.72 3.63 10.7 13.9*									
493	03426600	35°49′49″	86°02′52″	E FORK STONES R ABOVE WOODBURY (1)	25.5	25.5	100	2.325	55	2.02	4	7	03426800
	3.07	4.18	43.4	19.2 2.70 2.97 3.47 4.28 5.32 7.50 9.98 13.4 18.2 24.5 34.5 51.5 91.3									
	3.11	4.22	40.7	17.0 3.00 3.28 3.73 4.49 5.42 7.04 9.08 12.1 16.8 24.1 36.3 54.0 88.9									
	3.22	4.58	43.1	19.5 3.11 3.45 3.97 4.86 6.05 8.17 10.7 14.2 19.5 27.4 38.7 55.0 89.3									
	0.52	*0.52*	*1.84*	*1.45 0.65 0.57 0.61 0.63 0.70 0.80 0.84 0.89 1.05 1.48 3.10 5.08 7.56*									
494	03426700	35°48′54″	86°02′48″	HILL CREEK NEAR WOODBURY (1)	7.03	7.00	101	2.325	60	2.26	4	7	03426800
	0.84	1.14	12.0	5.30 0.74 0.82 0.96 1.18 1.47 2.07 2.75 3.70 5.02 6.76 9.51 14.2 25.2									
	0.76	1.01	10.8	4.41 0.72 0.79 0.90 1.07 1.29 1.66 2.14 2.91 4.34 6.35 9.29 13.7 22.9									
	0.90	1.28	11.8	5.19 0.87 0.96 1.11 1.34 1.66 2.19 2.87 3.78 5.21 7.38 10.5 15.1 24.3									
	0.55	*0.58*	*2.03*	*2.65 0.71 0.57 0.61 0.66 0.75 0.88 1.10 1.50 1.89 3.00 5.72 6.81 7.39*									

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
495	03426740	35°49′55″	86°04′09″	DOOLITTLE BRANCH AT WOODBURY (0)							3.78	3.79	49	2.324	55	2.12	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.31	0.47	5.67	2.54	0.28	0.32	0.38	0.49	0.63	0.91	1.23	1.68	2.36	3.19		4.90	7.90		13.4
	0.11	0.21	6.28	2.04	0.11	0.14	0.17	0.23	0.33	0.52	0.82	1.28	2.04	3.26		5.05	8.02		13.6
	0.54	*0.66*	*2.41*	*2.47*	*0.69*	*0.62*	*0.69*	*0.85*	*1.04*	*1.32*	*1.47*	*1.71*	*1.76*	*1.70*		*3.57*	*12.8*		*15.6*
496	03426822	35°47′43″	86°06′13″	REED HOLLOW BR NEAR WOODBURY (0)							1.08	1.09	47	2.346	45	1.74	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.00	1.79	1.03	0.00	0.00	0.00	0.00	0.00	0.34	0.46	0.61	0.84	1.09		1.56	2.39		4.00
	0.00	0.00	1.76	0.51	0.00	0.00	0.00	0.00	0.00	0.12	0.19	0.31	0.51	0.83		1.35	2.22		3.89
	0.44	*0.54*	*1.93*	*2.46*	*0.65*	*0.56*	*0.62*	*0.77*	*0.97*	*1.24*	*1.40*	*1.66*	*1.73*	*1.48*		*3.19*	*8.00*		*10.2*
497	03426840	35°49′04″	86°08′33″	LOCKE CREEK AT CULPEPPER (0)							5.42	5.44	35	2.323	25	0.96	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.22	9.35	3.69	0.00	0.00	0.00	0.00	0.34	0.64	1.16	2.06	3.55	5.17		7.76	12.1		21.5
	0.00	0.06	7.94	1.87	0.00	0.00	0.00	0.00	0.12	0.27	0.51	0.95	1.80	3.25		5.70	10.21		19.4
	0.59	*0.86*	*3.97*	*4.34*	*0.62*	*0.60*	*0.68*	*0.90*	*1.11*	*1.88*	*2.77*	*3.55*	*3.46*	*3.65*		*5.19*	*8.14*		*8.75*
498	03426847	35°45′40″	86°06′56″	SMITH BRANCH AT BURT (0)							4.78	4.79	50	2.348	50	1.89	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.37	0.58	7.11	3.11	0.34	0.39	0.47	0.62	0.79	1.14	1.55	2.13	2.98	4.06		6.23	9.98		16.8
	0.14	0.26	8.01	2.51	0.14	0.17	0.21	0.28	0.40	0.65	1.01	1.58	2.53	4.06		6.35	10.11		17.4
	0.58	*0.65*	*2.64*	*2.38*	*0.70*	*0.62*	*0.66*	*0.79*	*0.99*	*1.28*	*1.45*	*1.68*	*1.67*	*1.72*		*3.56*	*8.13*		*8.90*
499	03426850	35°46′29″	86°07′56″	CARSON FORK AT BURT (1)							24.5	24.6	52	2.349	45	1.71	2	6	03426800
	2.18	3.08	41.7	16.7	1.90	2.10	2.50	3.16	4.02	5.87	8.06	11.2	15.7	21.8		31.8	49.4		87.7
	0.93	1.58	42.9	13.2	0.92	1.09	1.32	1.76	2.38	3.68	5.61	8.56	13.4	21.9		34.2	53.9		95.9
	0.79	1.44	41.4	13.8	0.79	0.95	1.18	1.61	2.26	3.71	5.72	8.77	13.9	21.9		33.6	52.3		90.4
	0.59	*0.78*	*5.89*	*3.65*	*0.39*	*0.39*	*0.46*	*0.58*	*0.85*	*1.23*	*1.83*	*2.29*	*2.43*	*3.27*		*4.96*	*6.41*		*8.23*
500	03426880	35°48′06″	86°09′04″	BRAWLEYS FORK NEAR READYVILLE (1)							24.0	23.9	52	2.349	38	1.30	6	9	03427500
	1.82	2.91	41.5	15.7	1.76	2.01	2.40	3.14	4.01	5.65	7.67	10.4	14.8	20.3		27.3	46.3		91.2
	0.99	1.63	43.1	13.1	0.98	1.15	1.38	1.80	2.43	3.69	5.66	8.59	13.4	22.1		34.6	54.8		97.9
	0.68	1.24	38.5	12.6	0.68	0.83	1.03	1.40	1.96	3.28	5.07	7.81	12.5	19.7		30.8	48.5		85.5
	0.58	*0.76*	*5.75*	*3.57*	*0.38*	*0.38*	*0.45*	*0.57*	*0.83*	*1.20*	*1.78*	*2.23*	*2.38*	*3.20*		*4.85*	*6.27*		*8.05*
501	03426900	35°50′16″	86°11′21″	E FORK STONES R BL READYVILLE (1)							125	125	60	2.322	45	1.58	7	10	03427500
	4.88	8.77	216	72.3	4.67	5.54	6.90	9.65	13.1	20.1	29.5	43.3	66.7	99.0		144	241		475
	5.83	9.16	209	73.5	5.77	6.60	7.89	10.4	13.5	20.4	30.0	44.7	73.6	118		181	272		472
	6.00	10.1	207	81.0	5.88	7.02	8.49	11.3	15.4	24.4	36.2	53.2	80.6	120		177	264		449
	1.11	*1.16*	*6.17*	*5.47*	*1.06*	*1.04*	*1.05*	*1.12*	*1.24*	*1.38*	*1.43*	*1.53*	*4.52*	*5.65*		*6.75*	*7.99*		*9.72*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
502	03426920	35°52′01″	86°11′57″	MCKNIGHT BRANCH NEAR HALLS HILL (0)	10.9	11.1	32	2.322	13	0.52	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.13	19.7	6.23 0.00 0.00 0.00 0.14 0.23 0.59	1.35	2.94	6.05	10.2		16.1	24.7		45.0
	0.00	0.04	14.8	2.81 0.00 0.00 0.00 0.06 0.10 0.27	0.59	1.24	2.64	5.15		9.85	19.1		39.3
	0.79	*1.25*	*4.83*	*4.03 0.59 0.58 0.66 0.80 0.90 1.87*	*2.85*	*3.45*	*3.35*	*4.04*		*5.45*	*6.69*		*7.31*
503	03426925	35°52′51″	86°13′36″	TRIMBLE BRANCH AT HALLS HILL (0)	3.11	3.16	32	2.322	12	0.53	1	--	--
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	0.00	0.00	5.75	2.52 0.00 0.00 0.00 0.00 0.11 0.26	0.58	1.23	2.42	3.27		4.94	8.13		14.7
	0.00	0.00	4.14	0.76 0.00 0.00 0.00 0.00 0.03 0.07	0.16	0.33	0.71	1.40		2.73	5.39		11.1
	0.39	*0.54*	*2.46*	*3.02 0.46 0.43 0.48 0.63 0.78 1.29*	*1.87*	*2.45*	*2.44*	*2.35*		*3.84*	*6.03*		*6.94*
504	03426943	35°46′48″	86°12′30″	REED CREEK NEAR CURLEE (0)	5.97	5.99	39	2.353	24	0.97	1	--	--
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	0.00	0.41	8.65	3.50 0.00 0.00 0.00 0.40 0.56 0.94	1.43	2.17	3.36	4.69		7.30	12.1		20.5
	0.00	0.11	9.06	2.28 0.00 0.00 0.00 0.13 0.20 0.41	0.72	1.25	2.23	3.87		6.64	11.5		21.5
	0.67	*1.03*	*3.42*	*3.79 0.62 0.58 0.65 0.82 1.00 1.81*	*2.47*	*3.02*	*2.94*	*3.13*		*4.61*	*7.61*		*7.16*
505	03426944	35°48′50″	86°14′23″	CRIPPLE CREEK ABOVE KITTREL (0)	16.8	16.9	35	2.354	15	0.67	1	--	--
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	0.00	0.27	29.3	9.49 0.00 0.00 0.00 0.30 0.45 1.11	2.37	4.50	8.25	13.7		22.1	34.2		65.3
	0.00	0.16	24.4	5.46 0.00 0.00 0.00 0.20 0.33 0.77	1.46	2.74	5.26	9.57		17.3	31.2		61.5
	0.83	*1.25*	*5.57*	*3.10 0.56 0.57 0.65 0.80 0.95 2.02*	*2.72*	*2.94*	*2.74*	*3.43*		*5.40*	*8.84*		*8.16*
506	034269455	35°48′05″	86°14′56″	MCELROY BRANCH NEAR KITTRELL (0)	3.14	3.05	33	2.354	10	0.52	1	--	--
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	0.00	0.00	3.77	1.56 0.00 0.00 0.00 0.00 0.13 0.27	0.49	0.84	1.42	1.99		3.38	6.33		10.7
	0.00	0.00	4.12	0.77 0.00 0.00 0.00 0.00 0.03 0.09	0.18	0.36	0.73	1.42		2.74	5.32		10.9
	0.50	*0.61*	*2.22*	*2.79 0.64 0.60 0.63 0.72 0.87 1.30*	*1.69*	*2.02*	*2.06*	*2.03*		*3.73*	*7.48*		*7.35*
507	03426949	35°48′32″	86°15′00″	MCELROY BRANCH AT KITTRELL (0)	11.2	11.2	32	2.355	10	0.52	1	--	--
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	0.00	0.10	17.3	6.41 0.00 0.00 0.00 0.10 0.17 0.49	1.19	2.47	4.86	7.89		12.9	20.2		39.1
	0.00	0.04	15.5	2.75 0.00 0.00 0.00 0.05 0.10 0.27	0.58	1.22	2.62	5.20		10.2	19.9		41.5
	0.71	*1.08*	*4.69*	*2.74 0.53 0.53 0.60 0.74 0.87 1.85*	*2.51*	*2.67*	*2.35*	*2.73*		*4.47*	*8.01*		*7.33*
508	03426950	35°49′36″	86°15′07″	CRIPPLE CREEK AT KITTRELL (0)	30.7	30.8	34	2.326	13	0.60	1	--	--
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	0.00	0.28	54.1	15.7 0.00 0.00 0.21 0.33 0.55 1.48	3.47	7.27	14.2	24.6		40.1	64.3		123
	0.00	0.24	42.8	9.75 0.00 0.00 0.19 0.30 0.50 1.25	2.47	4.73	9.24	16.9		30.5	55.6		110
	1.10	*1.71*	*6.26*	*3.80 0.49 0.55 0.64 0.82 1.01 2.31*	*3.20*	*3.00*	*2.88*	*3.18*		*4.94*	*8.30*		*11.8*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)								DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%			
											Central and East Tennessee region--continued									
509	03426957	35°49′47″	86°17′23″	DRY BRANCH NEAR KITTRELL (0)							4.30	4.32	32	2.322	10	0.52	1	--	--
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	0.00	0.00	7.47	2.96	0.00	0.00	0.00	0.00	0.14	0.31	0.66	1.37	2.74	3.92		6.23	10.4	18.9	
	0.00	0.00	5.67	1.05	0.00	0.00	0.00	0.00	0.04	0.10	0.22	0.46	0.98	1.93		3.77	7.43	15.4	
	0.47	*0.66*	*2.60*	*3.20*	*0.51*	*0.48*	*0.55*	*0.72*	*0.89*	*1.48*	*2.11*	*2.56*	*2.44*	*2.36*		*3.99*	*6.11*	*6.82*	
510	03426960	35°52′27″	86°16′05″	CRIPPLE CREEK NEAR SHARPSVILLE (1)							48.2	48.3	33	2.322	12	0.57	5	8	03428000
	0.01	0.04	77.6	14.0	0.01	0.02	0.04	0.08	0.20	0.67	1.89	4.42	10.7	22.9		45.5	85.9	181	
	0.00	0.28	88.7	24.2	0.00	0.00	0.21	0.37	0.66	2.02	5.10	11.5	24.0	42.8		68.5	107	202	
	0.00	0.29	66.5	14.6	0.00	0.00	0.22	0.37	0.64	1.68	3.44	6.83	13.7	25.6		47.0	86.9	175	
	1.26	*2.07*	*9.98*	*4.76*	*0.53*	*0.61*	*0.69*	*0.85*	*1.10*	*2.29*	*3.35*	*3.33*	*3.29*	*3.53*		*5.49*	*8.18*	*13.4*	
511	03426992	35°55′22″	86°13′20″	DRY FORK NEAR HALLS HILL (0)							7.47	7.40	32	2.321	11	0.53	1	--	--
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	0.00	0.10	13.1	4.32	0.00	0.00	0.00	0.10	0.16	0.40	0.92	1.99	4.09	6.40		10.3	16.6	30.6	
	0.00	0.03	9.81	1.85	0.00	0.00	0.00	0.04	0.06	0.18	0.39	0.82	1.73	3.40		6.56	12.8	26.4	
	0.64	*1.03*	*3.77*	*3.77*	*0.57*	*0.57*	*0.66*	*0.85*	*0.97*	*1.82*	*2.64*	*3.23*	*3.16*	*3.44*		*4.79*	*7.58*	*8.12*	
512	03426995	35°55′48″	86°14′16″	DRY FORK NEAR LOFTON (0)							10.3	10.2	32	2.321	11	0.52	1	--	--
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	0.00	0.15	17.9	5.95	0.00	0.00	0.00	0.15	0.25	0.61	1.32	2.77	5.59	9.41		15.0	23.2	41.4	
	0.00	0.04	13.5	2.58	0.00	0.00	0.00	0.05	0.09	0.25	0.54	1.14	2.41	4.72		9.08	17.7	36.4	
	0.66	*1.13*	*4.02*	*3.99*	*0.52*	*0.55*	*0.63*	*0.76*	*0.87*	*1.63*	*2.61*	*3.19*	*2.97*	*3.22*		*3.94*	*4.83*	*5.82*	
513	03427700	35°53′44″	86°20′53″	BUSHMAN CR NEAR MURFREESBORO (0)							10.5	37.4	32	2.321	15	0.63	1	--	--
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	0.00	0.18	64.3	16.2	0.00	0.00	0.14	0.23	0.38	1.27	3.33	7.51	15.6	28.2		47.3	78.3	148	
	0.00	0.17	52.2	10.5	0.00	0.00	0.13	0.22	0.39	1.05	2.27	4.74	9.94	19.2		35.7	67.7	137	
	1.10	*1.91*	*6.02*	*4.00*	*0.47*	*0.54*	*0.64*	*0.82*	*1.01*	*2.23*	*3.13*	*3.04*	*2.87*	*3.17*		*4.73*	*7.25*	*9.87*	
514	03427707	35°54′28″	86°21′40″	BEAR BRANCH NEAR LASCASSAS (0)							2.87	2.52	49	2.322	49	0.90	1	--	--
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	0.21	0.32	3.96	1.85	0.20	0.23	0.27	0.34	0.43	0.62	0.85	1.15	1.61	2.22		3.42	5.51	9.28	
	0.06	0.10	3.59	1.09	0.06	0.07	0.09	0.11	0.16	0.26	0.40	0.64	1.05	1.69		2.71	4.46	8.04	
	0.57	*0.69*	*2.14*	*2.58*	*0.77*	*0.68*	*0.74*	*0.91*	*1.13*	*1.43*	*1.61*	*1.87*	*1.93*	*1.65*		*3.54*	*12.5*	*15.0*	
515	03427708	35°55′11″	86°22′08″	DRY BR AB MOUTH NR WALTERHILL (0)							4.96	5.08	32	2.321	58	0.98	1	--	--
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	0.00	0.11	9.57	4.12	0.00	0.00	0.00	0.00	0.18	0.41	0.89	1.85	3.58	5.35		7.37	10.4	19.6	
	0.00	0.03	7.41	1.44	0.00	0.00	0.00	0.00	0.07	0.15	0.32	0.67	1.39	2.72		4.85	9.17	17.8	
	0.49	*0.70*	*3.19*	*3.41*	*0.52*	*0.50*	*0.57*	*0.76*	*0.94*	*1.59*	*2.28*	*2.77*	*2.68*	*2.85*		*4.09*	*6.64*	*6.97*	

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
516	03427720	35°56′41″	86°22′14″	WADES BRANCH AT WALTERHILL (0)	10.3	10.7	32	2.321	17	0.58	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.15	18.7	6.10 0.00 0.00 0.00 0.15 0.25 0.65	1.41	2.99	6.08	10.2		15.9	24.2		42.9
	0.00	0.05	14.5	2.78 0.00 0.00 0.00 0.06 0.10 0.27	0.59	1.24	2.62	5.11		9.63	18.6		37.8
	0.65	*1.11*	*4.81*	*4.04 0.51 0.54 0.63 0.77 0.87 1.60*	*2.54*	*3.20*	*3.18*	*3.67*		*4.70*	*5.68*		*7.09*
517	03427776	35°41′46″	86°26′52″	DRY FORK CREEK NEAR ROCK SPRINGS (0)	10.7	10.6	32	2.363	12	0.52	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.11	16.0	5.82 0.00 0.00 0.00 0.11 0.19 0.51	1.15	2.31	4.46	7.28		11.9	18.9		35.8
	0.00	0.04	14.7	2.58 0.00 0.00 0.00 0.05 0.09 0.25	0.55	1.15	2.46	4.91		9.56	18.7		39.0
	0.77	*1.14*	*4.86*	*2.72 0.56 0.55 0.64 0.79 0.93 1.90*	*2.49*	*2.59*	*2.28*	*2.73*		*4.58*	*8.19*		*7.47*
518	03427791	35°43′49″	86°24′43″	CHRISTMAS CREEK NEAR CHRISTIANA (0)	5.82	5.84	32	2.361	11	0.54	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.12	7.77	3.04 0.00 0.00 0.00 0.00 0.17 0.39	0.75	1.31	2.33	3.50		6.06	10.9		19.7
	0.00	0.02	8.08	1.40 0.00 0.00 0.00 0.00 0.05 0.14	0.30	0.62	1.33	2.67		5.24	10.4		21.5
	0.59	*0.85*	*2.89*	*3.20 0.56 0.52 0.58 0.74 0.90 1.58*	*2.09*	*2.51*	*2.60*	*2.92*		*4.09*	*6.62*		*5.81*
519	03427820	35°43′58″	86°19′04″	HURRICANE CR NR MURFREESBORO (0)	12.4	12.4	35	2.358	12	0.58	1	--	--
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	0.00	0.27	21.7	7.65 0.00 0.00 0.00 0.27 0.42 0.94	1.93	3.66	6.70	10.8		17.2	25.7		48.4
	0.00	0.11	17.5	3.81 0.00 0.00 0.00 0.13 0.22 0.53	1.00	1.89	3.64	6.67		12.3	22.4		44.8
	0.75	*1.10*	*4.83*	*2.84 0.57 0.56 0.64 0.80 0.97 1.93*	*2.52*	*2.67*	*2.37*	*3.03*		*4.88*	*8.33*		*7.56*
520	03427900	35°48′15″	86°23′52″	MIDDLE FK STONES R NR MURFREESBORO (1)	65.1	65.7	35	2.360	20	0.64	5	9	03428000
	0.20	0.48	105	30.7 0.23 0.32 0.44 0.77 1.47 3.53	7.37	13.5	25.3	43.6		71.2	116		244
	0.27	0.67	115	31.4 0.00 0.00 0.54 0.81 1.30 3.39	7.54	14.8	29.1	54.1		87.0	137		259
	0.27	0.69	96.7	22.2 0.00 0.00 0.54 0.84 1.37 3.14	5.99	11.2	21.5	38.8		68.2	121		239
	0.90	*1.29*	*12.5*	*3.73 0.45 0.53 0.62 0.78 1.25 2.67*	*3.38*	*3.18*	*2.94*	*3.62*		*7.01*	*10.5*		*15.9*
521	03428290	35°48′10″	86°31′28″	OVERALL CREEK NEAR ROCKVALE (0)	2.07	2.19	32	2.362	10	0.52	1	--	--
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	0.00	0.00	2.81	1.30 0.00 0.00 0.00 0.00 0.08 0.19	0.36	0.64	1.09	1.48		2.44	4.63		8.02
	0.00	0.00	2.97	0.50 0.00 0.00 0.00 0.00 0.02 0.05	0.10	0.22	0.47	0.95		1.90	3.82		7.98
	0.42	*0.52*	*1.88*	*2.51 0.57 0.53 0.55 0.63 0.76 1.15*	*1.50*	*1.81*	*1.82*	*1.75*		*3.08*	*5.68*		*5.99*
522	03428355	35°47′48″	86°28′22″	ARMSTRONG CREEK AT SALEM (0)	7.22	7.47	32	2.362	21	0.63	1	--	--
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	0.00	0.11	9.86	3.38 0.00 0.00 0.00 0.10 0.18 0.42	0.83	1.53	2.82	4.53		7.57	12.9		23.1
	0.00	0.03	10.7	1.87 0.00 0.00 0.00 0.04 0.07 0.19	0.40	0.85	1.80	3.60		6.84	13.3		27.2
	0.66	*0.96*	*3.68*	*3.21 0.55 0.52 0.59 0.73 0.87 1.67*	*2.27*	*2.73*	*2.90*	*3.41*		*5.05*	*8.12*		*6.91*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
523	03428360	35°48′32″	86°28′12″	PUCKETT CREEK AT SALEM (0)							11.3	17.5	32	2.361	24	0.66	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.21	25.5	8.10	0.00	0.00	0.00	0.22	0.34	0.87	1.86	3.66	6.97	12.1		19.6	31.6		57.4
	0.00	0.08	25.4	4.62	0.00	0.00	0.00	0.10	0.18	0.46	1.00	2.10	4.46	8.83		16.5	31.6		64.2
	1.05	*1.43*	*5.62*	*3.18*	*0.62*	*0.65*	*0.73*	*0.80*	*1.08*	*2.36*	*2.95*	*2.70*	*2.54*	*2.94*		*4.47*	*6.88*		*7.66*
524	03429900	36°01′32″	86°35′14″	HURRICANE CREEK AT LAVERGNE (0)							11.1	11.1	32	2.323	11	0.90	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.13	19.8	6.23	0.00	0.00	0.00	0.14	0.23	0.57	1.30	2.82	5.83	9.83		15.9	24.7		45.3
	0.00	0.05	16.2	3.19	0.00	0.00	0.00	0.06	0.12	0.33	0.71	1.48	3.08	5.98		11.3	21.6		43.0
	0.77	*1.22*	*4.51*	*3.98*	*0.58*	*0.58*	*0.65*	*0.78*	*0.87*	*1.86*	*2.90*	*3.53*	*3.30*	*3.81*		*5.04*	*6.28*		*6.81*
525	03430400	35°57′32″	86°40′31″	MILL CREEK AT NOLENSVILLE (0)							12.0	12.0	34	2.327	17	1.17	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.27	19.7	6.35	0.00	0.00	0.00	0.28	0.44	0.92	1.77	3.35	6.13	10.1		16.1	25.2		44.9
	0.00	0.12	18.4	4.25	0.00	0.00	0.00	0.14	0.24	0.58	1.14	2.16	4.15	7.59		13.5	24.2		46.0
	0.88	*1.38*	*6.15*	*4.58*	*0.65*	*0.64*	*0.72*	*0.87*	*1.00*	*2.08*	*3.25*	*3.94*	*3.75*	*4.57*		*6.27*	*8.05*		*8.65*
526	03430700	36°00′26″	86°40′02″	INDIAN CR AT PETTUS RD NEAR ANTIOCH (0)							3.86	3.85	35	2.326	15	1.81	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.16	6.28	2.59	0.00	0.00	0.00	0.00	0.23	0.44	0.80	1.46	2.55	3.50		5.58	9.45		16.3
	0.00	0.05	6.23	1.50	0.00	0.00	0.00	0.00	0.10	0.23	0.44	0.81	1.50	2.69		4.76	8.41		15.4
	0.49	*0.68*	*3.02*	*3.55*	*0.54*	*0.50*	*0.57*	*0.74*	*0.92*	*1.51*	*2.19*	*2.88*	*2.90*	*2.82*		*4.66*	*7.36*		*8.51*
527	03431120	36°06′29″	86°47′07″	W F BROWNS CR, GEN BATES DR, NASHVILLE (0)							3.30	3.25	35	2.325	65	1.24	1	--	--
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	0.00	0.00	5.89	3.18	0.00	0.00	0.00	0.00	0.29	0.53	0.92	1.57	2.57	3.50		4.70	6.79		12.5
	0.00	0.00	4.92	1.15	0.00	0.00	0.00	0.00	0.09	0.17	0.32	0.60	1.13	2.04		3.44	6.10		11.3
	0.42	*0.59*	*2.36*	*2.75*	*0.50*	*0.46*	*0.52*	*0.68*	*0.82*	*1.27*	*1.64*	*2.02*	*1.99*	*1.91*		*3.29*	*6.69*		*7.27*
528	03431570	36°13′34″	86°49′21″	WHITES CREEK NEAR JORDONIA (1)							35.9	36.1	54	2.321	82	2.72	8	14	03431700
	0.57	1.59	48.9	20.1	0.52	0.69	0.98	1.71	2.45	4.23	6.66	10.6	16.8	25.6		37.7	59.5		110
	1.36	2.23	52.7	21.1	1.28	1.46	1.85	2.66	3.57	5.75	8.53	12.4	18.0	26.9		41.9	66.7		116
	1.80	3.06	64.1	24.0	1.76	2.05	2.52	3.37	4.67	7.00	10.7	16.0	24.4	37.4		54.3	81.3		134
	0.46	*0.84*	*5.87*	*4.25*	*0.37*	*0.40*	*0.47*	*0.61*	*0.78*	*1.03*	*1.53*	*2.12*	*2.36*	*2.29*		*3.42*	*4.84*		*9.16*
529	03431580	36°13′55″	86°48′14″	EWING CR AT KNIGHT RD NR BORDEAUX (0)							13.3	13.2	36	2.320	16	0.61	1	--	--
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	0.00	0.37	22.6	7.20	0.00	0.00	0.00	0.40	0.59	1.20	2.25	4.06	6.96	11.4		18.5	29.3		51.9
	0.00	0.15	18.0	4.42	0.00	0.00	0.00	0.18	0.29	0.66	1.22	2.23	4.17	7.38		13.1	23.3		45.4
	0.71	*1.26*	*5.87*	*4.46*	*0.54*	*0.57*	*0.64*	*0.78*	*0.92*	*1.64*	*2.59*	*3.39*	*3.38*	*3.96*		*5.13*	*6.45*		*8.07*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
530	03431599	36°13′03″	86°49′13″	WHITES CREEK NEAR BORDEAUX (1, 2)	51.3	51.4	48	2.321	63	2.09	10	0	03431599
	0.50	1.40	86.5	30.5 0.60 0.78 1.07 1.87 2.73 5.12	8.77	14.8	23.2	35.3		56.7	91.4		180
	1.17	2.13	82.8	27.5 1.14 1.38 1.76 2.50 3.58 6.11	9.76	15.4	25.1	40.7		65.2	102		183
	1.65	3.01	87.9	30.7 1.62 1.97 2.46 3.39 4.84 7.87	12.5	19.5	30.9	48.5		72.7	112		190
	0.62	*1.05*	*6.97*	*8.81 0.46 0.53 0.61 0.76 1.12 1.51*	*2.41*	*3.37*	*4.44*	*5.19*		*6.80*	*7.22*		*10.3*
531	03431610	36°12′45″	86°51′57″	EATON CR AT CATO RD NR BORDEAUX (0)	5.29	5.30	44	2.322	77	2.83	1	--	--
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	0.34	0.55	8.06	3.47 0.31 0.37 0.44 0.58 0.75 1.12	1.56	2.18	3.11	4.40		6.68	10.4		18.1
	0.14	0.26	9.23	2.91 0.14 0.17 0.21 0.29 0.43 0.69	1.13	1.81	2.95	4.82		7.39	11.8		19.7
	0.44	*0.61*	*2.47*	*2.63 0.58 0.54 0.62 0.82 0.99 1.34*	*1.52*	*1.80*	*1.81*	*1.79*		*3.63*	*11.5*		*13.6*
532	03431630	36°05′03″	86°51′10″	RICHLAND CREEK, BELLE MEADE (0)	2.21	2.19	35	2.328	41	1.45	1	--	--
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	0.00	0.00	3.89	1.81 0.00 0.00 0.00 0.00 0.14 0.27	0.47	0.84	1.41	2.10		3.07	4.87		8.86
	0.00	0.00	3.39	0.79 0.00 0.00 0.00 0.00 0.06 0.12	0.22	0.42	0.78	1.41		2.43	4.32		7.96
	0.41	*0.53*	*1.72*	*2.42 0.59 0.53 0.57 0.68 0.81 1.18*	*1.50*	*1.83*	*1.80*	*1.52*		*2.80*	*6.62*		*7.06*
533	03431640	36°05′27″	86°51′34″	BELLE MEADE BRANCH, BELLE MEADE (0)	1.25	1.23	35	2.328	52	1.24	1	--	--
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	0.00	0.00	2.07	1.14 0.00 0.00 0.00 0.00 0.00 0.17	0.31	0.53	0.85	1.18		1.72	2.80		4.95
	0.00	0.00	1.84	0.42 0.00 0.00 0.00 0.00 0.00 0.06	0.12	0.22	0.41	0.74		1.28	2.30		4.28
	0.34	*0.43*	*1.52*	*2.09 0.53 0.47 0.51 0.60 0.73 1.06*	*1.33*	*1.59*	*1.55*	*1.31*		*2.53*	*5.59*		*6.28*
534	03431660	36°06′21″	86°52′09″	JOCELYN HOLLOW BRANCH, BELLE MEADE (0)	1.43	1.43	45	2.328	71	2.52	1	--	--
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	0.00	0.00	2.33	1.26 0.00 0.00 0.00 0.00 0.28 0.41	0.56	0.75	1.04	1.40		1.99	3.03		5.13
	0.00	0.00	2.41	0.73 0.00 0.00 0.00 0.00 0.11 0.17	0.28	0.45	0.73	1.21		1.89	3.06		5.19
	0.46	*0.54*	*1.81*	*2.39 0.68 0.59 0.64 0.78 0.96 1.23*	*1.40*	*1.64*	*1.68*	*1.44*		*2.99*	*9.28*		*11.3*
535	03431668	36°06′56″	86°51′36″	RICHLAND CREEK AT BELLE MEADE (0)	12.0	12.0	38	2.327	54	1.69	1	--	--
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	0.00	0.59	18.1	6.25 0.00 0.00 0.00 0.61 0.88 1.55	2.40	3.84	6.19	9.67		14.8	23.6		40.5
	0.00	0.30	19.5	5.36 0.00 0.00 0.00 0.35 0.53 0.99	1.75	3.03	5.33	9.13		14.8	24.7		44.0
	0.68	*1.11*	*5.65*	*4.00 0.52 0.53 0.61 0.75 0.92 1.56*	*2.38*	*3.06*	*3.02*	*3.37*		*4.63*	*6.10*		*7.39*
536	03431680	36°06′29″	86°49′20″	SUGAR TREE CR, CROSS CREEK RD, NASHVILLE (0)	2.30	2.30	35	2.326	55	1.35	1	--	--
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	0.00	0.00	4.14	1.95 0.00 0.00 0.00 0.00 0.16 0.29	0.52	0.91	1.51	2.25		3.21	4.97		9.15
	0.00	0.00	3.52	0.82 0.00 0.00 0.00 0.00 0.06 0.12	0.23	0.43	0.80	1.46		2.48	4.41		8.12
	0.41	*0.53*	*1.71*	*2.40 0.58 0.53 0.57 0.67 0.81 1.17*	*1.49*	*1.82*	*1.79*	*1.50*		*2.77*	*6.56*		*6.99*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
537	03431755	36°12′05″	86°59′48″	POND CREEK NEAR SCOTTSBORO (0)							11.8	11.8	85	2.324	78	2.72	1	--	--
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	1.02	1.41	18.6	7.56	0.96	1.09	1.24	1.53	1.88	2.59	3.57	5.07	7.23	10.4		15.6	23.8		40.8
	1.34	1.96	20.7	8.87	1.30	1.43	1.67	2.07	2.63	3.49	4.72	6.41	9.01	13.0		18.3	26.3		42.1
	0.81	*0.85*	*1.79*	*2.10*	*0.90*	*0.78*	*0.82*	*0.88*	*0.97*	*1.10*	*1.31*	*1.49*	*1.35*	*1.49*		*3.15*	*5.33*		*6.49*
538	03431900	35°47′14″	86°40′12″	OVERALL CREEK AT COLLEGE GROVE (0)							11.4	11.3	35	2.364	34	1.68	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.31	16.9	4.99	0.00	0.00	0.00	0.31	0.48	0.93	1.60	2.76	4.80	8.07		13.3	21.4		37.4
	0.07	0.16	19.1	4.40	0.00	0.00	0.00	0.20	0.32	0.68	1.29	2.38	4.45	8.09		13.9	24.2		44.6
	0.81	*1.16*	*5.85*	*3.82*	*0.61*	*0.59*	*0.67*	*0.83*	*1.01*	*2.00*	*2.74*	*3.20*	*3.25*	*4.18*		*6.26*	*8.92*		*8.16*
539	03432000	35°49′14″	86°41′16″	HARPETH RIVER NEAR KIRKLAND (0)							64.6	65.5	33	2.363	21	1.05	1	--	--
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	0.15	0.49	110	26.6	0.00	0.00	0.35	0.59	1.01	2.88	6.78	14.1	26.9	48.7		81.5	132		246
	0.18	0.51	105	22.2	0.00	0.00	0.38	0.64	1.12	2.74	5.60	11.1	22.1	41.5		74.1	134		260
	0.98	*1.37*	*12.5*	*3.86*	*0.47*	*0.57*	*0.67*	*0.79*	*1.16*	*2.34*	*3.12*	*3.03*	*2.81*	*3.29*		*6.22*	*9.67*		*15.0*
540	03432200	35°50′44″	86°41′57″	NELSON CREEK NEAR ARRINGTON (0)							25.7	25.7	34	2.363	25	1.21	1	--	--
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	0.00	0.30	41.6	11.6	0.00	0.00	0.22	0.34	0.54	1.36	2.92	5.75	10.7	18.8		31.0	50.4		93.3
	0.00	0.27	41.6	9.18	0.00	0.00	0.21	0.33	0.56	1.27	2.49	4.74	9.15	16.9		29.7	52.9		101
	1.16	*1.48*	*6.17*	*3.43*	*0.54*	*0.58*	*0.65*	*0.72*	*1.03*	*2.27*	*3.01*	*2.98*	*2.92*	*3.37*		*5.36*	*8.17*		*9.19*
541	03432250	35°50′21″	86°43′06″	MCCRORY BRANCH NEAR MCDANIEL (0)							11.4	11.5	35	2.363	23	1.45	1	--	--
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	0.00	0.29	17.9	5.31	0.00	0.00	0.00	0.29	0.45	0.89	1.60	2.81	4.92	8.20		13.8	22.5		40.3
	0.00	0.15	19.0	4.33	0.00	0.00	0.00	0.18	0.30	0.66	1.25	2.31	4.35	7.91		13.8	24.4		45.5
	0.81	*1.17*	*5.85*	*3.82*	*0.61*	*0.59*	*0.67*	*0.84*	*1.01*	*2.00*	*2.75*	*3.20*	*3.25*	*4.18*		*6.26*	*8.91*		*8.16*
542	03432300	35°51′56″	86°42′28″	ARRINGTON CREEK AT ARRINGTON (0)							15.9	16.1	35	2.330	43	1.54	1	--	--
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	0.00	0.40	24.7	8.16	0.00	0.00	0.00	0.43	0.67	1.40	2.52	4.52	7.86	12.9		19.9	31.4		55.3
	0.00	0.25	26.0	6.43	0.00	0.00	0.00	0.30	0.48	0.99	1.87	3.44	6.39	11.4		19.1	33.1		60.5
	0.89	*1.37*	*5.52*	*4.94*	*0.61*	*0.61*	*0.67*	*0.82*	*0.97*	*2.04*	*3.27*	*3.93*	*3.69*	*4.33*		*5.94*	*7.65*		*7.47*
543	03432310	35°50′43″	86°44′50″	STARNES CREEK AT RUDDERVILLE (0)							6.85	6.87	35	2.359	22	1.35	1	--	--
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	0.00	0.26	9.83	3.91	0.00	0.00	0.00	0.26	0.39	0.77	1.32	2.15	3.53	5.14		8.09	13.4		23.4
	0.00	0.09	11.1	2.50	0.00	0.00	0.00	0.10	0.17	0.38	0.71	1.32	2.49	4.54		8.01	14.2		26.7
	0.70	*1.00*	*3.38*	*3.69*	*0.65*	*0.61*	*0.68*	*0.86*	*1.04*	*1.85*	*2.44*	*2.89*	*2.89*	*3.24*		*4.64*	*7.78*		*6.84*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
544	03432320	35°51′43″	86°45′47″	HARPETH RIVER NEAR PEYTONSVILLE (1)	138	139	34	2.332	26	1.20	2	6	03428000
	0.06	0.18	222	51.8 0.07 0.11 0.17 0.35 0.85 2.79	7.53	17.1	39.9	83.3		151	246		518
	0.57	1.52	240	60.4 0.58 0.79 1.11 1.94 3.40 8.26	17.4	34.6	64.9	118		191	301		552
	0.62	1.60	223	55.0 0.63 0.89 1.22 1.98 3.36 7.67	15.1	28.5	54.3	97.6		166	287		541
	0.83	*1.27*	*12.5*	*4.87 0.44 0.51 0.56 0.76 1.18 2.02*	*2.87*	*3.25*	*3.30*	*3.75*		*6.81*	*7.42*		*11.1*
545	03432330	35°53′32″	86°46′00″	MAYES CREEK NEAR ARRINGTON (0)	10.2	10.3	34	2.332	32	1.41	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.29	15.4	5.31 0.00 0.00 0.00 0.29 0.45 0.88	1.56	2.83	5.00	7.78		12.1	19.4		34.2
	0.00	0.12	16.3	3.76 0.00 0.00 0.00 0.14 0.24 0.53	1.03	1.95	3.72	6.81		11.8	21.0		39.1
	0.84	*1.26*	*5.28*	*4.22 0.66 0.64 0.71 0.87 1.00 1.94*	*2.97*	*3.50*	*3.21*	*3.66*		*5.16*	*7.33*		*7.69*
546	03432334	35°53′32″	86°49′46″	HARPETH RIVER AT I-65 NEAR FRANKLIN (1)	168	169	33	2.335	27	1.22	3	7	03432350
	2.19	2.90	259	39.2 1.82 2.00 2.20 2.71 3.48 7.35	14.6	28.1	48.1	76.4		205	325		581
	0.55	1.60	287	72.3 0.55 0.78 1.12 2.05 3.70 9.56	20.7	41.9	77.3	138		226	357		663
	0.56	1.54	273	63.6 0.58 0.83 1.16 1.93 3.37 8.00	16.4	32.1	63.0	116		200	352		668
	0.97	*1.38*	*12.4*	*4.75 0.48 0.56 0.62 0.82 1.23 1.98*	*2.74*	*3.06*	*3.21*	*3.70*		*6.71*	*7.55*		*11.6*
547	03432335	35°52′53″	86°50′12″	FIVEMILE CREEK NEAR FRANKLIN (0)	9.55	9.59	35	2.336	28	1.65	1	--	--
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	0.00	0.31	13.7	4.67 0.00 0.00 0.00 0.32 0.47 0.87	1.47	2.56	4.49	6.90		11.1	18.3		31.8
	0.00	0.14	15.6	3.78 0.00 0.00 0.00 0.16 0.27 0.58	1.10	2.03	3.77	6.79		11.6	20.3		37.3
	0.78	*1.13*	*3.82*	*3.96 0.65 0.61 0.69 0.86 1.05 1.87*	*2.71*	*3.16*	*3.03*	*3.37*		*4.81*	*7.67*		*7.38*
548	03432400	35°56′53″	86°52′54″	HARPETH RIVER BELOW FRANKLIN (1)	210	211	34	2.337	33	1.30	12	14	03432350
	3.86	5.36	324	84.0 3.64 4.00 4.42 5.48 7.06 15.2	30.7	59.7	104	166		256	407		726
	1.23	2.92	353	90.4 1.20 1.57 2.15 3.59 6.05 14.0	28.0	53.3	95.4	169		277	436		811
	1.03	2.63	346	86.3 1.05 1.47 2.01 3.24 5.48 12.2	24.0	45.2	85.9	154		258	442		825
	0.97	*1.39*	*11.5*	*4.69 0.49 0.56 0.62 0.83 1.23 2.00*	*2.85*	*3.39*	*3.27*	*3.68*		*6.58*	*7.37*		*11.4*
549	03432470	35°48′58″	86°57′20″	MURFREES FORK ABOVE BURWOOD (0)	7.43	7.50	35	2.360	55	1.40	1	--	--
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	0.00	0.30	10.5	4.01 0.00 0.00 0.00 0.28 0.42 0.83	1.36	2.20	3.61	5.43		8.12	12.9		22.7
	0.00	0.11	12.2	2.76 0.00 0.00 0.00 0.13 0.21 0.42	0.79	1.46	2.76	5.03		8.53	15.0		27.8
	0.70	*0.98*	*3.00*	*3.31 0.60 0.56 0.64 0.82 1.01 1.78*	*2.29*	*2.60*	*2.63*	*2.99*		*4.18*	*6.50*		*5.76*
550	03432474	35°49′40″	86°57′55″	W PRONG MURFREES FORK NEAR BURWOOD (0)	4.93	4.94	45	2.354	59	1.96	1	--	--
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	0.31	0.51	6.89	2.97 0.29 0.33 0.40 0.51 0.66 0.99	1.38	1.93	2.73	3.73		5.87	9.81		16.5
	0.11	0.22	8.37	2.44 0.11 0.14 0.17 0.24 0.35 0.57	0.93	1.50	2.47	4.08		6.46	10.5		18.2
	0.53	*0.67*	*2.62*	*2.59 0.67 0.60 0.63 0.72 0.88 1.27*	*1.57*	*1.87*	*1.87*	*1.85*		*3.56*	*7.54*		*8.30*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
551	03432495	35°51′57″	86°57′38″	MURFREES FORK ABOVE LEIPERS FORK (0)							26.3	26.3	41	2.354	60	1.67	1	--	--
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	0.46	0.95	42.5	10.8	0.45	0.56	0.72	1.03	1.52	2.75	4.35	7.15	11.6	20.0		32.5	52.7		92.4
	0.44	0.88	44.5	12.7	0.43	0.55	0.70	1.01	1.50	2.63	4.47	7.47	12.8	21.4		33.9	55.2		97.7
	0.90	*1.23*	*6.80*	*3.01*	*0.49*	*0.50*	*0.58*	*0.69*	*0.96*	*2.02*	*2.69*	*2.68*	*2.53*	*3.12*		*5.24*	*7.92*		*8.22*
552	03432870	35°57′21″	86°46′09″	LITTLE HARPETH RIVER NEAR FRANKLIN (0)							2.58	2.54	35	2.331	66	1.57	1	--	--
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	0.00	0.00	4.42	2.55	0.00	0.00	0.00	0.00	0.25	0.44	0.74	1.22	1.96	2.60		3.51	5.17		9.43
	0.00	0.00	4.01	0.94	0.00	0.00	0.00	0.00	0.07	0.14	0.27	0.50	0.93	1.68		2.83	5.00		9.11
	0.36	*0.50*	*1.96*	*2.39*	*0.46*	*0.42*	*0.47*	*0.60*	*0.72*	*1.08*	*1.40*	*1.72*	*1.68*	*1.61*		*2.76*	*5.75*		*5.95*
553	03432900	36°00′55″	86°47′56″	LITTLE HARPETH RIVER NEAR BRENTWOOD (0)							17.6	17.5	35	2.330	69	1.56	1	--	--
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	0.00	0.48	25.9	9.13	0.00	0.00	0.00	0.51	0.82	1.66	2.92	5.17	8.90	14.3		21.3	33.2		57.1
	0.00	0.30	28.3	7.04	0.00	0.00	0.00	0.35	0.56	1.08	2.05	3.77	7.00	12.5		20.5	35.3		64.1
	0.88	*1.36*	*5.40*	*4.52*	*0.57*	*0.57*	*0.64*	*0.79*	*0.92*	*1.95*	*3.01*	*3.44*	*3.28*	*3.84*		*5.08*	*6.21*		*6.92*
554	03432925	36°01′30″	86°49′09″	L HARPETH R, GRANNY WHITE PK, BRENTWOOD (0)							22.0	21.9	35	2.330	70	1.58	1	--	--
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	0.00	0.56	32.0	9.08	0.00	0.00	0.00	0.58	0.90	1.78	3.06	5.36	9.09	15.4		25.0	41.0		70.7
	0.00	0.38	35.7	8.93	0.00	0.00	0.00	0.45	0.72	1.38	2.61	4.80	8.88	15.8		25.9	44.4		80.5
	0.83	*1.33*	*5.55*	*3.12*	*0.50*	*0.52*	*0.59*	*0.74*	*0.88*	*1.87*	*2.60*	*2.60*	*2.51*	*2.88*		*4.46*	*6.68*		*7.85*
555	03432950	36°02′36″	86°51′58″	LITTLE HARPETH RIVER NEAR FOREST HILLS (0)							27.2	27.1	35	2.331	71	1.62	1	--	--
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	0.00	0.62	39.9	10.3	0.00	0.00	0.41	0.63	0.96	2.03	3.47	5.96	10.3	18.8		30.1	49.7		86.6
	0.00	0.48	44.5	11.2	0.00	0.00	0.37	0.56	0.90	1.73	3.29	6.04	11.2	19.9		32.4	55.4		100
	1.01	*1.59*	*5.51*	*3.47*	*0.46*	*0.51*	*0.60*	*0.76*	*0.93*	*2.10*	*2.88*	*2.76*	*2.70*	*2.93*		*4.47*	*7.12*		*9.34*
556	03432960	36°02′12″	86°52′20″	BEECH CREEK NEAR BRENTWOOD (0)							5.06	5.07	35	2.332	55	1.88	1	--	--
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	0.00	0.21	8.21	3.64	0.00	0.00	0.00	0.00	0.33	0.65	1.16	2.05	3.39	4.80		6.64	9.92		17.8
	0.00	0.08	8.34	2.01	0.00	0.00	0.00	0.00	0.16	0.31	0.59	1.09	2.01	3.62		6.07	10.6		19.0
	0.54	*0.75*	*4.20*	*4.16*	*0.56*	*0.53*	*0.60*	*0.81*	*1.01*	*1.75*	*2.60*	*3.29*	*3.27*	*3.53*		*5.36*	*9.35*		*9.29*
557	03433020	36°03′10″	86°51′30″	OTTER CREEK NEAR NASHVILLE (0)							5.68	5.66	35	2.330	85	2.95	1	--	--
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	0.00	0.23	9.68	4.23	0.00	0.00	0.00	0.22	0.35	0.68	1.25	2.23	3.79	5.46		7.62	11.4		20.4
	0.00	0.12	10.0	2.51	0.00	0.00	0.00	0.14	0.22	0.41	0.77	1.41	2.57	4.59		7.45	12.7		22.1
	0.53	*0.75*	*3.58*	*3.74*	*0.54*	*0.52*	*0.59*	*0.79*	*0.98*	*1.70*	*2.51*	*3.16*	*3.08*	*3.33*		*4.74*	*7.42*		*7.86*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
558	03433660	35°57′15″	87°04′43″	SOUTH HARPETH RIVER AT FERNVALE (1)							27.6	27.5	134	2.354	80	1.85	12	30	03434500
	7.86	9.87	42.7	24.0	7.75	8.27	8.98	10.3	11.6	14.2	17.1	21.1	25.9	32.0		38.6	55.4		93.8
	5.78	7.28	44.4	20.1	5.46	5.84	6.47	7.37	8.56	10.4	12.6	15.3	20.0	27.5		38.6	54.7		88.8
	5.56	7.10	47.3	21.9	5.33	5.67	6.34	7.35	8.66	10.5	13.1	16.5	22.1	30.4		41.8	58.2		93.9
	0.45	*0.41*	*14.2*	*1.71*	*0.56*	*0.48*	*0.51*	*0.51*	*0.56*	*0.63*	*0.70*	*0.86*	*1.33*	*2.55*		*8.51*	*28.5*		*37.0*
559.	03433698	36°00′08″	87°01′46″	E FORK CR AT OLD HARDING PIKE NR LINTON (0)							13.0	12.9	110	2.339	79	2.41	1	--	--
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	1.65	2.15	20.3	8.35	1.55	1.69	1.91	2.24	2.65	3.33	4.36	5.79	8.06	11.5		17.0	25.0		42.0
	2.09	2.84	22.6	10.1	2.01	2.17	2.47	2.95	3.59	4.51	5.81	7.55	10.3	14.4		20.0	28.3		45.2
	0.51	*0.54*	*3.20*	*2.24*	*0.62*	*0.52*	*0.54*	*0.57*	*0.68*	*0.85*	*1.06*	*1.28*	*1.50*	*2.78*		*6.62*	*14.8*		*21.9*
560	03433700	36°00′32″	87°01′43″	SOUTH HARPETH RIVER AT LINTON (1)							59.6	59.6	124	2.338	80	2.00	11	19	03434500
	9.20	12.7	92.2	43.8	9.06	9.92	11.1	13.5	16.0	21.0	27.3	36.6	48.6	65.3		84.7	120		203
	11.4	14.1	95.8	42.8	10.9	11.7	12.8	14.6	16.8	20.5	25.0	31.5	42.3	58.8		83.6	117		194
	11.6	15.0	103	49.6	11.1	11.9	13.3	15.7	18.8	23.3	29.4	37.5	50.1	68.5		93.2	128		206
	0.63	*0.55*	*10.0*	*2.45*	*0.88*	*0.81*	*0.83*	*0.81*	*0.85*	*0.95*	*1.05*	*1.28*	*1.72*	*2.89*		*6.77*	*11.2*		*18.5*
561	03433707	36°01′09″	87°01′34″	PRITCHARD BRANCH AT LINTON (0)							4.01	4.07	50	2.337	78	2.74	1	--	--
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	0.33	0.51	6.19	2.80	0.30	0.35	0.42	0.55	0.70	1.01	1.37	1.87	2.61	3.51		5.25	8.21		14.0
	0.15	0.27	7.14	2.33	0.15	0.17	0.22	0.29	0.41	0.63	0.98	1.50	2.38	3.79		5.76	9.00		15.0
	0.55	*0.65*	*2.48*	*2.42*	*0.67*	*0.61*	*0.67*	*0.81*	*1.00*	*1.27*	*1.39*	*1.58*	*1.58*	*1.59*		*3.36*	*11.1*		*13.0*
562	03433810	36°04′38″	87°04′50″	BRUSH CREEK NEAR KINGSTON SPRINGS (1)							27.2	27.3	81	2.344	79	2.32	4	5	03434500
	4.81	6.48	42.1	20.6	4.73	5.15	5.73	6.84	8.04	10.4	13.2	17.4	22.7	29.9		38.1	54.6		92.4
	1.97	2.89	43.6	16.0	1.92	2.16	2.51	3.16	3.98	5.49	7.64	10.8	15.6	22.8		34.6	53.7		93.2
	2.77	4.09	48.2	19.9	2.69	2.99	3.50	4.36	5.57	7.51	10.3	14.2	20.2	29.4		41.7	60.2		98.0
	0.87	*0.86*	*2.34*	*2.34*	*1.04*	*0.94*	*0.94*	*0.97*	*1.08*	*1.30*	*1.55*	*1.66*	*1.49*	*1.57*		*3.80*	*8.85*		*11.1*
563	03433902	35°57′59″	87°11′56″	BIG TURNBULL CREEK NEAR LIBERTY HILL (1)							12.5	12.5	139	2.347	82	1.21	7	18	03434500
	2.16	2.90	19.4	9.05	2.12	2.31	2.57	3.06	3.58	4.60	5.85	7.68	9.97	13.1		16.6	25.1		42.5
	2.65	3.40	20.7	9.86	2.50	2.68	2.99	3.47	4.06	4.97	6.03	7.34	9.73	13.3		18.5	25.4		40.6
	2.34	2.93	19.7	8.85	2.23	2.39	2.65	3.00	3.44	4.12	5.10	6.47	8.72	12.0		16.8	23.9		39.5
	0.66	*0.62*	*16.3*	*2.10*	*0.71*	*0.57*	*0.60*	*0.61*	*0.72*	*0.85*	*0.90*	*1.06*	*1.63*	*3.46*		*9.37*	*27.0*		*37.8*
564	03433910	36°01′55″	87°12′48″	BIG TURNBULL CREEK NEAR NEW HOPE (1)							66.4	66.2	111	2.345	80	1.23	6	9	03434500
	12.3	16.3	103	48.6	12.1	13.1	14.5	17.1	20.0	25.4	32.0	41.5	53.4	69.3		87.2	133		226
	11.2	14.4	108	48.2	10.7	11.7	12.9	15.0	17.5	22.0	27.4	35.0	47.4	66.2		92.8	131		216
	9.57	12.6	107	47.6	9.19	10.0	11.3	13.3	15.9	20.1	26.0	34.1	47.2	65.7		91.5	130		216
	0.80	*0.73*	*11.8*	*3.56*	*1.21*	*1.15*	*1.19*	*1.16*	*1.24*	*1.52*	*1.70*	*2.02*	*2.67*	*4.44*		*8.22*	*12.9*		*23.1*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
565	03434000	36°06′04″	87°07′36″	BIG TURNBULL CR AT KINGSTON SPRINGS (1)							115	115	104	2.343	79	1.41	6	14	03434500
	19.1	25.7	178	81.9	18.8	20.4	22.7	27.2	31.9	41.2	52.6	69.3	90.4	119		152	231		391
	16.5	21.8	188	89.9	15.8	17.4	19.4	23.1	27.8	36.5	47.5	62.2	86.9	124		171	238		394
	15.9	21.4	190	85.8	15.3	16.8	19.1	22.7	27.7	35.7	46.8	61.7	85.6	119		165	233		385
	1.14	*1.12*	*4.76*	*3.07*	*1.43*	*1.39*	*1.44*	*1.42*	*1.48*	*1.64*	*1.76*	*1.90*	*2.16*	*2.36*		*3.11*	*5.17*		*9.24*
566	03434560	36°07′06″	87°11′49″	TRACE CREEK NEAR WHITE BLUFF (0)							1.99	2.00	100	2.342	82	1.21	1	--	--
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	0.27	0.38	3.04	1.45	0.26	0.28	0.32	0.38	0.47	0.63	0.79	1.03	1.42	1.92		2.77	3.98		6.54
	0.22	0.30	3.05	1.19	0.21	0.23	0.27	0.31	0.37	0.47	0.61	0.82	1.16	1.69		2.47	3.70		6.23
	0.30	*0.29*	*2.03*	*1.59*	*0.38*	*0.28*	*0.29*	*0.31*	*0.36*	*0.47*	*0.62*	*0.87*	*1.14*	*1.52*		*3.84*	*5.84*		*7.13*
567	03434580	36°11′33″	87°10′04″	HARPETH RIVER NEAR PETWAY (1)							727	728	63	2.339	61	1.69	6	8	03434500
	53.0	81.0	1125	395	46.2	52.3	61.2	79.2	100	145	207	310	456	681		970	1459		2470
	50.0	71.5	1133	482	49.0	55.0	62.9	78.8	100	148	214	306	470	699		1033	1541		2621
	44.9	71.9	1272	522	43.9	51.3	61.4	80.9	110	166	244	353	528	776		1103	1593		2684
	2.56	*3.43*	*9.65*	*10.4*	*2.62*	*3.07*	*3.29*	*3.99*	*5.03*	*6.21*	*6.85*	*6.29*	*7.08*	*7.41*		*8.70*	*10.9*		*16.2*
568	03434585	36°05′26″	87°21′52″	JONES CREEK NEAR DICKSON (0)							5.05	5.06	80	2.342	81	1.21	1	--	--
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	0.48	0.66	7.72	3.08	0.46	0.51	0.58	0.70	0.87	1.16	1.50	2.09	3.03	4.33		6.64	10.39		17.5
	0.40	0.59	7.82	2.93	0.39	0.44	0.51	0.61	0.76	1.02	1.40	1.95	2.87	4.26		6.28	9.50		16.2
	0.43	*0.46*	*2.43*	*1.61*	*0.53*	*0.42*	*0.45*	*0.51*	*0.59*	*0.71*	*0.86*	*1.05*	*1.15*	*1.36*		*3.29*	*6.76*		*7.81*
569	03434590	36°06′15″	87°19′05″	JONES CREEK NEAR BURNS (1)							13.3	13.3	80	2.342	81	1.20	7	9	03431800
	0.38	0.64	20.1	6.28	0.40	0.50	0.56	0.74	0.97	1.45	2.15	3.29	5.21	8.46		14.3	21.9		37.9
	1.00	1.46	21.7	7.83	0.96	1.09	1.26	1.59	1.99	2.74	3.75	5.47	7.85	11.6		17.7	27.0		46.5
	1.08	1.58	20.8	8.00	1.05	1.18	1.38	1.67	2.08	2.79	3.85	5.37	7.87	11.6		16.9	25.2		42.9
	0.63	*0.67*	*1.92*	*1.81*	*0.69*	*0.60*	*0.63*	*0.69*	*0.79*	*0.97*	*1.20*	*1.34*	*1.24*	*1.46*		*3.21*	*5.65*		*6.88*
570	03434600	36°09′18″	87°16′51″	JONES CREEK NEAR CHARLOTTE (1)							56.2	56.3	86	2.340	79	1.24	4	6	03431800
	5.88	8.26	84.8	36.3	5.90	6.82	7.40	8.85	10.6	13.8	17.9	23.7	32.1	44.2		62.4	92.5		160
	4.78	7.00	89.8	36.0	4.68	5.27	6.09	7.59	9.43	12.9	17.5	23.7	34.8	51.9		75.8	112		193
	5.48	7.78	90.2	37.4	5.29	5.93	6.85	8.29	10.3	13.8	18.8	25.7	36.9	53.2		75.6	110		186
	0.95	*0.94*	*3.32*	*2.72*	*1.06*	*1.02*	*1.07*	*1.13*	*1.25*	*1.47*	*1.60*	*1.73*	*1.91*	*1.98*		*2.63*	*3.66*		*5.56*
571	03434620	36°10′44″	87°18′15″	TOWN BRANCH NEAR CHARLOTTE (0)							8.33	8.31	80	2.340	82	1.21	1	--	--
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	0.70	0.99	13.6	5.31	0.67	0.75	0.86	1.07	1.34	1.85	2.51	3.63	5.24	7.60		11.5	17.1		29.1
	0.67	0.98	12.9	4.92	0.65	0.73	0.85	1.03	1.28	1.72	2.36	3.29	4.83	7.13		10.4	15.7		26.7
	0.53	*0.55*	*1.56*	*1.58*	*0.59*	*0.49*	*0.51*	*0.56*	*0.64*	*0.77*	*0.94*	*1.08*	*1.05*	*1.20*		*3.03*	*6.08*		*7.31*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)								DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%	
											Central and East Tennessee region--continued									
572	03434700	36°15′14″	87°11′16″	HARPETH R AT THREE ISLANDS DAM SITE (1)							854	855	67	2.337	64	1.68	2	4	03434500
	75.5	115	1341	518	73.9	82.7	95.3	120	149	209	288	416	590	850		1173	1714		2902
	68.4	95.7	1326	586	66.9	74.6	84.7	105	131	190	270	378	572	832		1220	1801		3041
	60.8	94.7	1492	633	59.3	68.5	81.4	106	142	210	304	434	639	928		1306	1866		3127
	2.74	*3.54*	*9.79*	*10.0*	*2.76*	*3.23*	*3.38*	*4.03*	*4.86*	*5.75*	*6.36*	*5.86*	*6.78*	*7.20*		*9.05*	*11.7*		*17.0*
573	03435002	36°22′58″	87°11′21″	HALF PONE CREEK NEAR HENRIETTA (1)							27.3	27.3	50	2.332	72	1.22	5	7	03431800
	0.46	0.85	41.2	12.1	0.49	0.63	0.73	1.00	1.37	2.19	3.48	5.71	9.76	17.2		31.7	44.9		77.8
	0.99	1.67	42.8	15.6	0.95	1.10	1.37	1.93	2.59	4.20	6.34	9.52	14.4	22.4		34.2	53.4		93.4
	0.85	1.49	42.8	14.2	0.83	1.01	1.24	1.65	2.27	3.56	5.57	8.67	13.9	22.0		33.5	52.6		92.3
	0.48	*0.79*	*5.56*	*4.30*	*0.38*	*0.40*	*0.47*	*0.63*	*0.80*	*1.09*	*1.74*	*2.49*	*2.82*	*3.43*		*4.28*	*5.12*		*8.03*
574	034350028	36°21′16″	87°16′50″	BARTONS CR AB LOUISE CR NR SOUTHSIDE (1)							96.4	96.5	69	2.334	83	1.41	6	11	03431800
	3.40	5.63	145	50.7	3.54	4.38	4.94	6.41	8.33	12.3	18.0	27.1	42.3	67.5		112	159		275
	4.59	6.95	152	57.8	4.56	5.19	6.10	7.83	10.0	14.6	21.1	30.3	53.7	84.1		130	193		335
	6.89	10.5	158	63.1	6.69	7.65	9.04	11.4	14.7	20.7	29.6	42.2	62.6	92.2		132	194		328
	0.86	*0.82*	*5.49*	*3.51*	*0.78*	*0.72*	*0.73*	*0.77*	*0.88*	*1.01*	*1.07*	*1.19*	*2.67*	*2.84*		*4.02*	*6.60*		*9.27*
575	03435007	36°25′34″	87°19′02″	HURRICANE CREEK NEAR SALEM (1)							11.2	11.2	60	2.331	83	1.24	6	8	03431800
	0.38	0.64	16.9	6.25	0.40	0.50	0.56	0.74	0.97	1.45	2.15	3.28	5.18	8.40		14.2	18.4		31.9
	0.60	0.89	17.9	6.06	0.58	0.66	0.78	1.01	1.29	1.86	2.73	4.08	6.10	9.09		14.3	22.5		39.2
	0.54	0.87	17.4	6.12	0.53	0.62	0.74	0.94	1.23	1.77	2.62	3.89	6.00	9.21		13.8	21.3		36.6
	0.49	*0.68*	*3.28*	*2.38*	*0.52*	*0.47*	*0.54*	*0.72*	*0.92*	*1.32*	*1.54*	*1.71*	*1.53*	*1.63*		*3.06*	*6.00*		*6.44*
576	03435044	36°38′36″	86°40′46″	RED RIVER NEAR ORLINDA (1)							78.4	77.6	54	2.306	71	1.24	3	5	03436100
	2.15	2.91	109	43.1	2.02	2.26	2.64	3.18	4.37	7.26	11.9	21.2	36.0	60.0		102	153		252
	2.75	4.39	124	42.9	2.67	3.05	3.76	5.07	6.67	10.3	15.5	23.4	40.3	63.7		101	156		276
	3.13	5.26	120	45.1	3.05	3.65	4.44	5.83	7.91	12.2	18.6	28.2	44.0	66.9		98.5	150		259
	0.61	*0.84*	*8.56*	*8.01*	*0.57*	*0.59*	*0.63*	*0.73*	*0.84*	*0.95*	*1.23*	*1.50*	*4.29*	*4.82*		*6.39*	*7.67*		*11.3*
577	03435110	36°33′30″	86°41′32″	SOUTH FORK RED RIVER AT CROSS PLAINS (1)							19.7	19.9	50	2.308	82	1.21	6	9	03436100
	0.77	1.01	27.4	11.1	0.72	0.80	0.92	1.09	1.44	2.27	3.54	5.92	9.50	15.0		24.0	38.6		63.2
	0.98	1.54	29.9	12.4	0.93	1.06	1.31	1.78	2.31	3.59	5.21	7.49	11.0	16.6		24.6	37.6		65.0
	0.65	1.12	30.2	10.4	0.63	0.76	0.94	1.23	1.69	2.60	4.06	6.31	10.1	15.8		23.8	37.4		65.0
	0.39	*0.66*	*5.58*	*3.81*	*0.37*	*0.39*	*0.46*	*0.59*	*0.73*	*0.97*	*1.47*	*2.04*	*2.29*	*2.48*		*3.86*	*5.50*		*9.53*
578	034351113	36°32′31″	86°42′14″	HONEY RUN CREEK BELOW CROSS PLAINS (1)							20.0	19.8	50	2.308	82	1.21	4	12	03435770
	0.90	1.39	29.4	14.3	0.81	0.91	1.20	1.70	2.26	3.72	5.73	7.96	11.4	15.9		24.4	39.3		66.8
	0.97	1.52	29.9	12.2	0.92	1.05	1.29	1.75	2.27	3.52	5.13	7.39	10.9	16.5		24.4	37.3		64.7
	0.64	1.11	30.0	10.3	0.63	0.76	0.93	1.22	1.67	2.57	4.03	6.26	10.0	15.7		23.6	37.1		64.5
	0.39	*0.65*	*5.54*	*3.84*	*0.37*	*0.39*	*0.46*	*0.59*	*0.73*	*0.98*	*1.48*	*2.05*	*2.29*	*2.48*		*3.86*	*5.49*		*9.47*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
579	03435120	36°35′34″	86°45′53″	SOUTH FORK RED RIVER NEAR ORLINDA (1)							69.2	69.3	54	2.307	80	1.21	8	10	03435770
	2.24	3.62	102	48.4	1.96	2.25	3.06	4.49	6.17	10.8	17.4	25.1	37.5	54.5		84.4	136		231
	2.14	3.53	109	37.2	2.09	2.41	3.00	4.11	5.45	8.53	12.9	19.5	34.2	54.5		87.0	136		241
	2.85	4.75	107	39.8	2.78	3.31	4.02	5.24	7.08	10.7	16.4	24.9	38.8	59.1		86.9	133		229
	0.60	*0.84*	*8.24*	*8.01*	*0.54*	*0.56*	*0.60*	*0.69*	*0.81*	*0.92*	*1.19*	*1.47*	*4.13*	*4.79*		*6.41*	*7.61*		*10.7*
580	03435300	36°38′26″	86°58′48″	RED RIVER NEAR BARREN PLAINES (1)							547	550	69	2.314	71	1.18	3	18	03436100
	38.8	50.0	761	389	37.1	40.5	45.6	52.7	67.2	99.2	145	226	339	502		728	1071		1755
	37.8	54.5	823	372	37.4	41.8	48.0	60.1	76.4	111	160	226	348	511		764	1137		1905
	39.0	59.1	878	380	37.8	43.8	51.6	65.4	85.2	124	178	253	373	537		755	1090		1851
	2.11	*2.80*	*7.82*	*9.03*	*1.96*	*2.27*	*2.51*	*3.15*	*4.00*	*5.12*	*5.93*	*5.75*	*6.20*	*6.15*		*7.02*	*8.77*		*12.8*
581	03435320	36°35′37″	87°03′33″	RED RIVER AT ADAMS (1)							594	593	70	2.319	71	1.18	6	13	03436100
	47.3	58.0	827	334	46.1	49.6	54.8	62.0	76.0	106	146	211	297	414		790	1163		1906
	43.4	61.9	893	408	42.8	47.9	54.9	68.2	86.2	125	178	251	385	560		832	1232		2064
	43.1	64.9	952	411	41.7	48.2	56.7	71.8	93.4	135	193	274	404	582		818	1178		2003
	2.09	*2.72*	*7.64*	*8.54*	*1.95*	*2.24*	*2.43*	*3.03*	*3.85*	*4.88*	*5.60*	*5.43*	*6.11*	*6.24*		*7.58*	*9.20*		*12.6*
582	03435400	36°36′59″	87°05′42″	ELK FORK NEAR SADLERSVILLE (1)							98.0	90.0	74	2.319	73	1.19	7	9	03436000
	5.49	9.50	138	48.4	5.47	6.36	7.89	10.8	13.4	18.1	24.7	33.7	48.1	69.1		110	177		321
	5.31	8.00	141	60.8	5.24	5.92	6.95	8.95	11.5	16.7	24.0	34.2	56.2	83.5		122	181		312
	6.83	10.2	141	58.6	6.60	7.57	8.87	11.0	14.0	19.7	27.8	39.1	57.3	83.1		119	174		295
	0.75	*0.78*	*5.47*	*5.32*	*0.71*	*0.68*	*0.67*	*0.71*	*0.81*	*0.94*	*1.07*	*1.21*	*3.39*	*3.28*		*4.05*	*6.42*		*9.06*
583	03435637	36°29′05″	86°47′33″	SULPHUR FORK RED R NEAR GREENBRIER (1)							34.9	35.2	55	2.310	81	1.82	4	13	03435770
	1.57	2.41	51.3	25.0	1.41	1.60	2.10	2.97	3.94	6.49	10.0	13.9	19.9	27.8		42.6	68.6		117
	1.65	2.51	51.7	22.2	1.52	1.71	2.12	2.89	3.82	6.11	9.00	13.0	19.3	28.3		42.8	67.2		116
	1.65	2.76	57.8	21.7	1.61	1.89	2.31	3.03	4.12	6.16	9.34	14.0	21.5	32.8		48.0	72.6		122
	0.44	*0.80*	*5.84*	*4.40*	*0.37*	*0.40*	*0.46*	*0.61*	*0.77*	*1.04*	*1.55*	*2.18*	*2.53*	*2.48*		*3.75*	*5.16*		*9.42*
584	03435700	36°30′53″	86°50′46″	SULPHUR FORK RED R AB BEAVER DAM CREEK (1)							49.1	49.1	53	2.310	81	1.65	3	10	03435770
	2.25	3.46	72.2	35.2	1.98	2.25	2.96	4.18	5.55	9.13	14.1	19.5	28.0	39.2		59.9	96.6		164
	1.52	2.47	75.6	29.3	1.45	1.64	2.06	2.92	3.95	6.42	9.87	14.9	26.4	40.3		61.3	96.0		169
	2.08	3.52	79.6	29.5	2.03	2.40	2.94	3.88	5.31	8.06	12.4	18.8	29.2	44.7		65.5	99.7		169
	0.40	*0.65*	*6.59*	*4.63*	*0.31*	*0.33*	*0.38*	*0.47*	*0.57*	*0.70*	*0.94*	*1.22*	*2.74*	*2.65*		*4.02*	*5.39*		*9.23*
585	03435727	36°31′59″	86°47′04″	BEAVER DAM CREEK TRIB NEAR LAKEVIEW (0)							3.09	3.10	50	2.309	76	1.20	1	--	--
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	0.27	0.40	4.92	2.38	0.25	0.29	0.34	0.43	0.54	0.79	1.09	1.48	2.05	2.79		4.16	6.46		11.1
	0.09	0.16	4.58	1.49	0.09	0.11	0.13	0.18	0.24	0.37	0.57	0.89	1.43	2.28		3.53	5.68		9.93
	0.57	*0.71*	*2.13*	*2.65*	*0.79*	*0.71*	*0.77*	*0.94*	*1.14*	*1.43*	*1.61*	*1.85*	*1.87*	*1.62*		*3.49*	*13.2*		*17.7*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
586	03435750	36°31′32″	86°50′33″	BEAVER DAM CREEK NEAR SPRINGFIELD (1)							14.2	14.3	50	2.309	73	1.16	3	9	03435770
	0.64	0.98	20.9	10.2	0.57	0.65	0.86	1.21	1.60	2.64	4.07	5.65	8.10	11.3		17.3	27.9		47.4
	0.84	1.26	22.1	8.77	0.81	0.91	1.10	1.43	1.84	2.76	3.91	5.58	8.10	12.3		18.5	28.0		48.3
	0.44	0.77	21.5	7.29	0.43	0.52	0.64	0.85	1.16	1.81	2.83	4.40	7.06	11.1		16.9	26.7		46.7
	0.43	*0.73*	*4.33*	*3.37*	*0.43*	*0.44*	*0.51*	*0.65*	*0.79*	*1.01*	*1.46*	*1.92*	*2.03*	*2.25*		*3.44*	*5.18*		*8.21*
587	03435810	36°31′00″	86°54′49″	SULPHUR FORK RED R NEAR SPRINGFIELD (1)							84.6	84.6	53	2.310	77	1.44	4	11	03435770
	3.28	5.18	124	60.6	3.42	3.87	5.09	7.20	9.56	15.7	24.2	33.7	48.2	67.4		103	166		282
	2.54	4.09	134	45.8	2.47	2.83	3.51	4.79	6.33	9.89	15.1	23.3	41.4	66.6		107	169		298
	3.47	5.86	135	50.5	3.38	4.03	4.93	6.50	8.90	13.6	21.0	31.9	49.7	75.8		111	169		289
	0.53	*0.64*	*8.40*	*8.08*	*0.52*	*0.50*	*0.52*	*0.61*	*0.74*	*0.97*	*1.22*	*1.58*	*5.56*	*6.45*		*8.73*	*9.14*		*11.1*
588	03435900	36°28′54″	86°55′45″	CARR CREEK NEAR SPRINGFIELD (1)							32.0	31.7	79	2.311	81	1.58	11	15	03436000
	0.99	1.94	44.9	14.6	0.98	1.18	1.54	2.27	2.98	4.32	6.35	9.34	14.5	22.7		35.8	57.6		105
	2.59	3.72	49.8	21.5	2.46	2.76	3.22	4.03	5.08	7.17	9.93	13.8	19.9	28.3		41.5	63.2		111
	2.92	4.27	50.9	21.7	2.81	3.17	3.70	4.55	5.74	7.78	10.8	14.9	21.4	30.8		43.6	63.5		105
	0.62	*0.65*	*1.53*	*1.81*	*0.71*	*0.65*	*0.66*	*0.69*	*0.79*	*0.95*	*1.06*	*1.16*	*1.14*	*1.11*		*1.88*	*3.18*		*4.78*
589	03435950	36°25′57″	86°58′43″	MILLERS CREEK AT COOPERTOWN (0)							1.32	1.27	50	2.313	82	1.21	1	--	--
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	0.00	0.22	2.09	1.17	0.00	0.00	0.00	0.00	0.28	0.40	0.54	0.72	1.00	1.28		1.73	2.54		4.36
	0.00	0.07	1.86	0.58	0.00	0.00	0.00	0.00	0.09	0.14	0.22	0.35	0.56	0.90		1.41	2.30		4.02
	0.48	*0.57*	*1.71*	*2.32*	*0.71*	*0.61*	*0.66*	*0.80*	*0.99*	*1.24*	*1.40*	*1.63*	*1.62*	*1.35*		*2.57*	*5.82*		*7.56*
590	03435990	36°32′35″	87°03′39″	CHAMBERS SPRING BRANCH NEAR ADAMS (0)							2.40	2.37	70	2.322	43	0.99	1	--	--
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	0.26	0.36	3.62	1.69	0.25	0.28	0.32	0.39	0.48	0.65	0.85	1.12	1.58	2.18		3.32	5.28		8.60
	0.12	0.19	3.43	1.23	0.11	0.13	0.16	0.20	0.26	0.38	0.54	0.78	1.18	1.78		2.75	4.30		7.51
	0.42	*0.47*	*1.75*	*2.16*	*0.62*	*0.48*	*0.52*	*0.60*	*0.73*	*0.94*	*1.13*	*1.39*	*1.61*	*1.50*		*3.52*	*6.11*		*7.53*
591	03436130	36°32′07″	87°11′50″	PASSENGER CREEK NEAR SANGO (1)							20.5	21.0	78	2.325	62	1.10	6	8	03436700
	1.50	1.83	23.0	5.13	1.58	1.72	1.78	1.97	2.18	2.56	3.11	4.01	5.36	7.25		19.0	40.2		65.3
	1.60	2.32	33.8	12.8	1.52	1.73	2.01	2.53	3.18	4.42	6.12	8.70	12.5	18.5		28.6	44.8		76.3
	1.54	2.31	32.1	12.8	1.49	1.72	2.01	2.47	3.11	4.37	6.06	8.48	12.4	18.2		26.6	39.7		67.9
	0.99	*1.01*	*2.10*	*2.46*	*1.08*	*0.97*	*1.00*	*1.06*	*1.16*	*1.32*	*1.58*	*1.77*	*1.60*	*1.61*		*3.22*	*4.19*		*5.77*
592	03436140	36°32′39″	87°20′09″	RED R AT STATE HWY 13 & 48, CLARKSVILLE (1)							1006	1002	69	2.328	73	1.22	3	5	03435500
	61.6	83.8	1332	621	60.0	63.7	69.3	86.1	111	164	234	281	519	791		1213	1924		3317
	82.6	116	1504	706	81.7	90.7	103	127	159	229	324	449	681	966		1414	2071		3445
	72.7	110	1647	707	70.5	81.4	95.9	122	160	232	333	474	700	1010		1415	2029		3449
	2.73	*3.44*	*9.37*	*8.38*	*2.65*	*3.15*	*3.28*	*3.78*	*4.43*	*5.18*	*5.67*	*5.31*	*6.42*	*6.66*		*8.33*	*11.4*		*17.7*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
593	03436200	36°36′31″	87°22′04″	WEST FK RED RIVER NEAR NEW PROVIDENCE (1)							186	180	77	2.327	76	1.19	5	9	03435500
	13.9	18.7	249	131	13.9	14.7	15.9	19.6	24.9	36.4	51.1	61.0	110	165		249	359		620
	13.5	19.9	287	127	13.2	15.1	17.4	21.8	27.7	39.7	55.9	78.6	120	180		262	377		631
	15.0	22.0	286	121	14.5	16.5	19.3	23.9	30.3	42.1	58.8	82.1	119	172		243	352		596
	1.63	*1.42*	*2.95*	*3.03*	*1.71*	*1.67*	*1.57*	*1.59*	*1.68*	*1.80*	*1.90*	*1.96*	*2.01*	*1.87*		*2.35*	*3.43*		*5.64*
594	03436300	36°35′55″	87°21′03″	SPRING CREEK NEAR ST. BETHLEHEM (1)							69.3	79.5	80	2.327	70	1.12	4	7	03435500
	2.89	4.07	91.8	39.2	2.86	3.06	3.36	4.29	5.68	8.82	13.1	16.1	32.0	51.4		82.9	133		229
	6.13	9.17	130	56.6	6.06	6.87	7.95	10.1	12.9	18.4	26.0	36.5	54.2	79.6		114	167		285
	6.64	9.68	124	51.8	6.41	7.30	8.49	10.4	13.1	18.2	25.1	34.9	50.7	73.1		104	153		260
	0.87	*0.93*	*2.69*	*3.00*	*0.82*	*0.77*	*0.83*	*0.91*	*1.10*	*1.40*	*1.60*	*1.75*	*1.88*	*1.85*		*2.25*	*3.29*		*5.06*
595	03436400	36°37′20″	87°30′47″	NOAHS SPRING BRANCH AT FORT CAMPBELL (1)							70.9	72.3	80	2.329	63	1.10	4	7	03435500
	4.14	5.66	93.9	43.8	4.23	4.49	4.88	6.07	7.79	11.6	16.5	19.8	36.5	55.7		85.5	136		234
	5.61	8.42	119	50.0	5.52	6.27	7.28	9.33	11.8	16.8	23.5	32.9	48.5	71.4		103	152		261
	5.80	8.53	113	46.6	5.61	6.42	7.48	9.21	11.6	16.3	22.6	31.4	45.6	65.9		94.8	139		237
	0.86	*0.90*	*2.70*	*2.94*	*0.82*	*0.77*	*0.82*	*0.90*	*1.07*	*1.35*	*1.54*	*1.71*	*1.84*	*1.80*		*2.19*	*3.16*		*4.97*
596	03436426	36°36′37″	87°28′11″	LITTLE WEST FK RED R NEAR FORT CAMPBELL (1)							127	127	80	2.328	46	1.00	4	9	03438000
	5.24	8.26	185	79.6	4.67	5.47	6.68	9.36	12.3	18.2	27.5	44.1	67.7	111		169	262		441
	11.4	16.5	219	87.0	11.0	12.5	14.5	18.2	22.6	31.4	43.0	60.1	87.8	132		197	292		491
	9.31	14.0	197	82.4	9.03	10.5	12.3	15.3	19.5	28.6	39.7	55.2	80.3	116		168	246		423
	1.54	*1.34*	*3.49*	*3.03*	*1.54*	*1.51*	*1.45*	*1.50*	*1.58*	*1.75*	*1.88*	*2.00*	*2.14*	*2.16*		*2.76*	*4.30*		*7.15*
597	03436430	36°36′27″	87°26′57″	LITTLE WEST FK RED R AT FORT CAMPBELL (1)							131	136	80	2.328	47	1.01	2	6	03438000
	10.8	16.6	189	130	9.74	11.3	13.6	18.6	24.0	34.6	50.8	78.6	117	181		218	268		451
	12.3	17.6	234	93.0	11.7	13.3	15.5	19.4	24.1	33.5	45.8	64.1	93.6	141		211	311		523
	10.1	15.1	211	88.6	9.76	11.3	13.2	16.5	21.0	30.8	42.7	59.3	86.4	124		180	263		453
	1.52	*1.31*	*3.46*	*2.89*	*1.51*	*1.50*	*1.43*	*1.47*	*1.55*	*1.70*	*1.80*	*1.90*	*2.02*	*2.04*		*2.65*	*4.09*		*6.84*
598	03436460	36°35′31″	87°23′23″	LITTLE WEST FK RED R NR NEW PROVIDENCE (1)							179	178	80	2.327	45	1.00	10	16	03438000
	7.80	12.0	260	103	7.01	8.14	9.85	13.6	17.6	25.6	37.9	59.3	89.4	156		238	369		621
	17.6	24.4	303	124	16.7	18.7	21.5	26.7	32.8	45.1	61.1	85.1	122	182		271	402		678
	13.1	19.7	276	117	12.7	14.8	17.3	21.6	27.6	40.8	56.5	78.5	114	164		237	345		594
	1.64	*1.41*	*3.00*	*2.94*	*1.68*	*1.65*	*1.54*	*1.57*	*1.64*	*1.75*	*1.85*	*1.94*	*2.02*	*1.93*		*2.38*	*3.49*		*5.80*
599	03436490	36°32′30″	87°22′06″	RED RIVER AT CLARKSVILLE (1)							1455	1454	72	2.328	70	1.18	11	16	03435500
	87.3	120	1927	899	86.8	92.1	100	124	160	237	338	406	750	1144		1754	2782		4798
	148	208	2230	1156	145	163	184	226	283	403	560	758	1104	1511		2142	3063		4985
	113	169	2390	1051	110	126	148	188	244	354	504	710	1040	1487		2071	2946		5006
	3.35	*3.54*	*6.84*	*6.32*	*3.34*	*3.99*	*3.97*	*4.02*	*4.23*	*4.78*	*5.00*	*4.54*	*5.45*	*5.62*		*7.06*	*9.36*		*15.4*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
600	03436655	36°12′30″	87°31′46″	YELLOW CREEK NEAR RUSKIN (1)							52.2	52.5	120	2.340	75	2.14	6	7	03436700
	8.43	10.6	79.6	34.0	8.80	9.68	10.1	11.3	12.7	15.3	19.1	25.6	35.7	50.5		73.7	102		166
	9.06	11.3	84.2	36.9	8.63	9.24	10.2	11.7	13.5	16.8	20.8	26.4	35.8	50.9		73.2	104		173
	9.67	12.8	91.9	43.6	9.28	9.98	11.3	13.4	16.1	20.3	25.7	33.0	44.2	60.8		83.1	115		184
	0.65	*0.58*	*15.2*	*2.70*	*0.86*	*0.80*	*0.84*	*0.84*	*0.90*	*1.03*	*1.15*	*1.37*	*1.88*	*3.44*		*9.93*	*14.6*		*21.8*
601	03436900	36°19′56″	87°39′59″	WELLS CREEK NEAR ERIN (1)							34.5	34.5	120	2.338	90	2.13	3	6	03436700
	5.35	6.73	52.6	22.5	5.81	6.40	6.68	7.48	8.40	10.1	12.7	16.9	23.6	33.4		48.7	67.6		110
	5.53	7.03	54.1	23.4	5.14	5.56	6.18	7.19	8.49	10.7	13.6	17.1	22.9	32.1		47.3	68.8		112
	6.60	8.59	60.0	28.2	6.32	6.75	7.60	8.93	10.7	13.1	16.6	21.2	28.5	39.3		53.6	74.4		119
	0.51	*0.46*	*15.5*	*1.73*	*0.70*	*0.61*	*0.63*	*0.63*	*0.68*	*0.79*	*0.85*	*0.93*	*1.31*	*2.55*		*7.90*	*19.5*		*45.4*
602	03436970	36°28′49″	87°49′15″	LICK CREEK NEAR DOVER (1)							11.9	12.4	120	2.335	86	2.38	3	5	03438000
	1.77	2.40	17.3	10.6	1.65	1.82	2.07	2.58	3.08	3.98	5.19	7.04	9.31	13.0		15.8	24.5		41.3
	1.91	2.44	19.3	8.09	1.77	1.92	2.17	2.53	2.96	3.66	4.56	5.83	7.77	11.0		16.3	23.6		39.5
	2.33	3.07	21.5	9.95	2.24	2.38	2.69	3.17	3.79	4.63	5.86	7.51	10.1	14.0		19.2	26.9		42.7
	0.52	*0.53*	*2.85*	*1.67*	*0.60*	*0.49*	*0.52*	*0.55*	*0.64*	*0.77*	*0.82*	*0.98*	*1.21*	*2.32*		*5.52*	*16.2*		*26.1*
603	03437080	36°36′18″	87°56′24″	NEVILLE CREEK NEAR THARPE (0)							2.37	2.38	120	2.331	88	2.64	1	--	--
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	0.32	0.44	3.67	1.68	0.31	0.34	0.38	0.44	0.54	0.71	0.91	1.18	1.70	2.38		3.35	4.73		7.66
	0.44	0.58	4.09	1.82	0.42	0.45	0.51	0.59	0.70	0.85	1.07	1.37	1.85	2.58		3.61	5.14		8.11
	0.41	*0.43*	*2.51*	*1.76*	*0.45*	*0.32*	*0.35*	*0.38*	*0.46*	*0.59*	*0.68*	*0.92*	*1.31*	*2.03*		*5.38*	*4.47*		*6.11*
604	03437090	36°36′39″	87°55′45″	CRUTCHER HOLLOW BRANCH NEAR THARPE (0)							1.95	1.90	120	2.331	88	2.64	1	--	--
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	0.26	0.36	2.96	1.38	0.25	0.27	0.30	0.36	0.44	0.58	0.75	0.98	1.41	1.94		2.70	3.77		6.12
	0.35	0.46	3.25	1.44	0.33	0.35	0.40	0.47	0.56	0.67	0.84	1.08	1.46	2.05		2.86	4.09		6.46
	0.41	*0.44*	*2.40*	*1.94*	*0.46*	*0.33*	*0.36*	*0.39*	*0.47*	*0.62*	*0.72*	*1.00*	*1.47*	*2.18*		*5.63*	*4.33*		*5.96*
605	03437141	36°34′14″	87°49′35″	HAYES FORK CREEK NEAR BIG ROCK (0)							1.45	1.46	80	2.332	81	2.60	1	--	--
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	0.16	0.23	2.41	1.16	0.14	0.16	0.19	0.24	0.30	0.42	0.56	0.75	1.06	1.49		2.07	2.90		4.97
	0.14	0.21	2.49	0.96	0.13	0.15	0.17	0.21	0.27	0.36	0.49	0.68	0.97	1.44		2.10	3.13		5.07
	0.39	*0.42*	*1.61*	*1.86*	*0.56*	*0.41*	*0.44*	*0.49*	*0.60*	*0.78*	*0.94*	*1.20*	*1.40*	*1.38*		*3.43*	*6.12*		*7.02*
606	03437196	36°39′22″	87°52′30″	SHELBY CR AB SHELBY SPRGS, TOBACCOPORT (0)							2.85	2.87	80	2.329	81	2.60	1	--	--
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	0.36	0.48	4.30	1.99	0.33	0.37	0.42	0.51	0.62	0.82	1.03	1.37	1.91	2.63		3.84	5.86		9.72
	0.28	0.42	4.92	1.95	0.27	0.30	0.35	0.43	0.55	0.73	1.00	1.38	1.98	2.91		4.20	6.21		10.0
	0.41	*0.44*	*2.01*	*2.17*	*0.57*	*0.44*	*0.47*	*0.55*	*0.64*	*0.80*	*1.04*	*1.32*	*1.53*	*1.53*		*3.82*	*5.94*		*7.39*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
607	03454755	35°55′20″	82°56′44″	WOLF CREEK AT WOLF CREEK (1)							11.0	11.0	100	2.203	40	3.33	6	7	03461200
	0.35	0.92	23.3	15.5	0.37	0.45	0.62	1.04	1.75	3.76	6.61	9.77	14.0	19.5		32.6	41.0		59.6
	1.53	2.39	17.3	11.6	1.46	1.65	1.95	2.54	3.26	4.78	6.47	8.51	10.8	13.7		17.6	22.7		35.4
	1.64	2.38	17.4	10.2	1.55	1.74	2.02	2.52	3.19	4.47	5.83	7.53	9.89	13.1		17.8	24.6		37.5
	1.30	*1.39*	*0.62*	*1.79*	*1.10*	*0.93*	*0.99*	*1.01*	*1.08*	*1.18*	*1.23*	*1.29*	*1.23*	*1.10*		*0.86*	*0.75*		*0.89*
608	03454790	35°54′27″	83°01′26″	TRAIL FORK BIG CREEK AT DEL RIO (1)							32.6	32.2	100	2.205	46	2.91	5	10	03461200
	4.86	7.90	64.0	43.0	5.02	5.53	6.49	8.40	10.9	16.0	21.3	25.9	31.1	56.0		80.0	121		177
	4.31	6.26	43.5	28.4	4.08	4.57	5.30	6.65	8.24	11.5	15.1	19.9	25.8	33.2		42.4	56.9		92.9
	4.98	7.10	50.8	30.3	4.71	5.27	6.08	7.56	9.52	13.2	17.2	22.3	29.3	38.6		51.7	70.8		109
	2.08	*1.72*	*0.50*	*1.41*	*1.58*	*1.41*	*1.44*	*1.34*	*1.31*	*1.25*	*1.22*	*1.19*	*1.08*	*0.99*		*0.95*	*1.09*		*1.79*
609	03454800	35°55′04″	83°01′39″	BIG CREEK AT DEL RIO (1)							81.0	80.8	100	2.205	42	2.87	4	4	03454000
	8.30	11.0	89.0	46.0	7.73	8.46	9.36	11.7	14.3	19.2	24.7	31.1	39.1	61.0		96.0	156		230
	12.7	18.3	134	86.1	12.4	13.8	15.8	19.6	24.4	34.3	45.6	60.5	79.3	102		132	175		279
	12.5	17.9	129	79.0	11.9	13.4	15.4	19.3	24.5	34.5	45.2	58.3	76.5	100		133	180		276
	1.31	*1.24*	*0.63*	*1.71*	*1.05*	*1.00*	*1.02*	*0.97*	*0.97*	*1.02*	*1.10*	*1.18*	*1.16*	*1.09*		*0.98*	*1.09*		*2.31*
610	03454850	35°56′53″	83°03′13″	LONG CREEK NEAR DEL RIO (1)							11.7	11.6	112	2.204	62	2.50	8	12	03461200
	0.68	1.30	20.5	12.5	0.72	0.82	1.03	1.48	2.13	3.65	5.43	7.15	9.20	17.0		26.0	43.6		63.4
	1.66	2.42	18.5	11.5	1.60	1.78	2.05	2.57	3.21	4.55	6.10	8.09	10.7	14.1		18.4	24.0		36.8
	2.13	2.88	17.6	10.4	2.01	2.20	2.50	3.00	3.63	4.71	6.01	7.66	9.97	13.1		17.5	24.0		36.9
	1.05	*1.14*	*0.62*	*1.47*	*0.84*	*0.69*	*0.73*	*0.75*	*0.83*	*0.94*	*1.00*	*1.05*	*1.02*	*1.01*		*0.87*	*0.78*		*0.96*
611	03455050	36°00′36″	83°05′45″	CLEAR CREEK AT PARROTTSVILLE (1)							9.07	15.2	109	2.203	78	1.24	3	9	03466228
	1.34	1.83	9.00	6.64	1.02	1.17	1.40	1.83	2.29	3.12	3.86	4.85	6.08	7.83		9.91	12.4		17.3
	2.11	2.97	21.1	13.1	2.04	2.26	2.58	3.13	3.84	5.29	6.94	9.09	12.1	16.1		21.0	27.9		44.9
	2.39	3.13	20.5	11.7	2.23	2.47	2.79	3.23	3.81	4.84	6.22	8.06	10.8	14.2		19.1	27.0		43.2
	1.23	*1.28*	*0.56*	*1.40*	*0.95*	*0.81*	*0.87*	*0.89*	*0.95*	*1.01*	*1.04*	*1.08*	*1.03*	*0.93*		*0.77*	*0.67*		*0.86*
612	034611996	35°46′54″	83°13′01″	CRYING CREEK ABOVE COSBY (1)							2.94	2.88	100	2.214	44	7.01	6	19	03461200
	0.40	0.75	8.10	4.53	0.42	0.48	0.59	0.81	1.13	1.84	2.64	3.38	4.25	5.25		7.20	10.9		15.9
	0.39	0.59	4.49	2.54	0.40	0.44	0.49	0.58	0.71	1.01	1.37	1.81	2.38	3.11		4.03	5.38		8.76
	0.51	0.75	5.12	2.96	0.48	0.53	0.62	0.79	1.01	1.39	1.80	2.31	2.98	3.99		5.38	7.38		10.8
	1.03	*1.13*	*1.06*	*2.47*	*1.02*	*0.77*	*0.80*	*0.80*	*0.95*	*1.24*	*1.42*	*1.58*	*1.77*	*1.74*		*1.40*	*1.06*		*1.27*
613	03461260	35°48′09″	83°14′18″	CANEY CREEK AT COSBY (1)							5.22	5.28	100	2.214	42	3.31	4	5	03461200
	0.42	0.84	8.80	5.10	0.44	0.51	0.63	0.90	1.28	2.16	3.19	4.17	5.33	7.20		11.3	19.4		28.3
	0.77	1.16	8.86	5.46	0.77	0.85	0.98	1.23	1.53	2.20	2.97	3.93	5.11	6.64		8.66	11.4		17.6
	0.76	1.11	8.35	4.68	0.72	0.81	0.94	1.17	1.47	2.04	2.65	3.44	4.54	6.10		8.37	11.7		17.9
	1.02	*1.00*	*1.17*	*2.66*	*1.02*	*0.80*	*0.82*	*0.82*	*0.92*	*1.11*	*1.27*	*1.44*	*1.67*	*1.83*		*1.44*	*1.08*		*1.30*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
614	03461266	35°48′11″	83°14′51″	GREENBRIER CREEK AT COSBY (1)							4.96	5.01	99	2.214	31	7.82	7	17	03461200
	0.79	1.40	11.9	8.30	0.82	0.92	1.12	1.54	2.11	3.39	4.81	6.11	7.63	10.0		13.4	18.5		26.9
	0.74	1.13	8.36	5.32	0.73	0.82	0.95	1.21	1.52	2.19	2.96	3.87	4.99	6.38		8.29	10.8		16.7
	0.83	1.27	9.13	5.39	0.79	0.88	1.03	1.35	1.77	2.56	3.32	4.25	5.46	7.28		9.88	13.4		19.5
	1.01	*0.99*	*1.12*	*2.57*	*1.04*	*0.81*	*0.83*	*0.84*	*0.93*	*1.12*	*1.27*	*1.43*	*1.62*	*1.77*		*1.41*	*1.07*		*1.30*
615	03461300	35°52′23″	83°13′26″	COSBY CREEK BELOW COSBY (1)							55.3	55.4	87	2.211	39	6.41	14	18	03470000
	6.81	11.1	89.4	60.5	6.38	7.22	8.77	12.1	15.8	23.7	32.1	41.7	53.4	67.8		87.6	118		182
	5.99	8.90	75.0	44.2	5.78	6.51	7.52	9.45	11.7	16.9	22.6	30.4	40.5	53.8		73.1	103		172
	8.25	12.6	101	61.1	7.89	8.86	10.4	13.8	18.4	26.9	36.0	47.1	61.7	82.0		109	146		215
	1.46	*1.29*	*0.45*	*1.49*	*1.31*	*1.19*	*1.21*	*1.17*	*1.21*	*1.24*	*1.24*	*1.21*	*1.12*	*0.90*		*0.88*	*1.07*		*1.98*
616	03461450	35°54′47″	83°12′42″	ENGLISH CREEK NEAR NEWPORT (1)							9.74	9.65	92	2.209	67	4.62	6	20	03461200
	0.97	1.80	16.9	10.0	1.02	1.15	1.39	1.89	2.57	4.06	5.69	7.18	8.90	14.0		21.6	36.3		52.8
	1.02	1.51	14.1	7.84	1.00	1.13	1.29	1.59	1.98	2.86	3.90	5.26	7.21	9.88		13.6	19.0		30.5
	1.57	2.27	16.2	9.30	1.49	1.64	1.90	2.38	3.03	4.03	5.33	6.96	9.18	12.3		16.4	22.6		33.6
	1.31	*1.35*	*0.63*	*1.70*	*1.19*	*0.99*	*1.06*	*1.09*	*1.16*	*1.25*	*1.27*	*1.32*	*1.25*	*1.08*		*0.90*	*0.78*		*0.94*
617	03461508	35°59′13″	83°12′28″	SINKING CREEK NEAR NEWPORT (1)							12.5	12.3	50	2.206	44	4.32	4	5	03461200
	1.65	2.70	23.3	14.5	1.72	1.90	2.25	2.94	3.87	5.79	7.80	9.58	11.6	19.2		28.5	46.5		67.7
	0.47	0.75	17.5	6.78	0.46	0.54	0.63	0.81	1.06	1.65	2.45	3.66	5.91	9.89		15.2	24.4		42.4
	0.53	0.98	20.3	9.27	0.51	0.62	0.78	1.09	1.58	2.63	4.07	6.12	9.12	13.5		19.4	28.9		45.2
	0.55	*0.81*	*0.76*	*1.99*	*0.71*	*0.75*	*0.87*	*1.05*	*1.26*	*1.59*	*1.62*	*1.56*	*1.47*	*1.09*		*1.19*	*1.89*		*2.95*
618	03464650	36°07′24″	82°26′37″	NOLICHUCKY RIVER NEAR ERWIN (1)							639	639	155	2.163	72	3.14	6	8	03465500
	192	280	1100	865	187	203	231	284	349	471	590	722	874	980		1170	1469		2058
	204	287	1119	909	181	203	235	296	368	482	598	722	866	1023		1218	1506		2042
	248	298	1012	824	230	243	268	314	372	456	552	656	790	944		1139	1421		2075
	1.23	*1.21*	*0.86*	*1.04*	*0.59*	*0.74*	*0.78*	*0.77*	*0.81*	*0.89*	*1.01*	*1.07*	*1.14*	*1.18*		*1.13*	*1.18*		*1.71*
619	03464815	36°07′38″	82°26′45″	SOUTH INDIAN CREEK NEAR ERWIN (1)							81.0	81.0	100	2.163	48	3.18	9	21	03465500
	7.80	13.0	92.8	61.0	8.13	9.09	10.8	14.1	18.5	27.4	36.9	48.2	61.9	78.2		147	186		261
	11.1	16.4	110	71.6	10.7	12.1	14.0	17.5	21.8	30.2	39.7	51.7	66.6	86.4		113	152		238
	14.1	19.9	125	84.5	13.3	14.8	17.0	21.3	26.9	37.3	48.7	62.5	80.6	103		134	179		268
	1.58	*1.46*	*0.50*	*1.41*	*1.06*	*1.24*	*1.27*	*1.18*	*1.15*	*1.13*	*1.17*	*1.18*	*1.11*	*1.00*		*0.86*	*1.06*		*2.00*
620	03465220	36°09′02″	82°25′06″	NORTH INDIAN CREEK AT ERWIN (1)							57.3	57.3	100	2.161	55	3.19	4	16	03465500
	6.90	10.5	68.6	46.1	6.75	7.51	8.83	11.4	14.8	21.5	28.5	36.8	46.7	58.3		74.6	132		185
	8.24	12.1	72.8	48.6	7.79	8.89	10.3	12.8	15.6	21.3	27.7	35.8	45.6	58.8		76.4	103		161
	10.3	14.3	87.7	59.0	9.62	10.7	12.3	15.2	19.1	26.0	33.9	43.5	56.1	72.0		93.2	125		187
	1.02	*1.04*	*0.46*	*1.20*	*0.75*	*0.82*	*0.87*	*0.88*	*0.91*	*0.96*	*1.00*	*1.02*	*0.94*	*0.87*		*0.77*	*0.98*		*1.90*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
621	03465600	36°14′12″	82°27′50″	CHEROKEE CREEK NEAR JONESBORO (1)							9.70	9.57	118	2.156	96	1.32	9	11	03485500
	1.80	2.60	12.0	7.94	1.80	1.95	2.19	2.63	3.14	4.09	5.05	6.26	7.66	9.29		14.8	21.4		29.7
	1.54	2.07	10.9	7.23	1.37	1.58	1.81	2.16	2.56	3.32	4.15	5.27	6.70	8.61		11.3	15.1		22.6
	1.89	2.38	12.3	7.82	1.75	1.91	2.13	2.42	2.79	3.38	4.28	5.43	7.06	9.07		11.9	16.5		25.7
	1.07	*1.13*	*0.40*	*1.19*	*0.77*	*0.65*	*0.70*	*0.74*	*0.83*	*0.95*	*1.00*	*0.98*	*0.89*	*0.76*		*0.61*	*0.61*		*0.74*
622	03465603	36°12′56″	82°28′03″	LITTLE CHEROKEE CREEK AT GARBER (1)							8.73	8.66	115	2.157	92	2.37	3	8	03466228
	1.70	2.30	12.4	9.64	1.27	1.47	1.79	2.39	3.05	4.26	5.36	6.86	8.77	11.5		13.1	14.5		16.6
	1.38	1.88	10.2	6.75	1.21	1.42	1.64	1.96	2.34	3.08	3.88	4.95	6.30	8.11		10.6	14.2		21.1
	1.90	2.46	12.2	8.00	1.77	1.91	2.15	2.51	2.96	3.63	4.60	5.81	7.45	9.55		12.3	16.8		25.4
	1.13	*1.20*	*0.41*	*1.31*	*0.80*	*0.67*	*0.72*	*0.77*	*0.87*	*1.00*	*1.05*	*1.05*	*0.97*	*0.81*		*0.63*	*0.60*		*0.70*
623	03465610	36°12′12″	82°29′26″	CHEROKEE CREEK AT VINCENT CHURCH (1)							23.1	23.4	117	2.171	95	1.71	8	8	03485500
	4.20	6.00	28.4	17.0	4.12	4.44	4.93	5.84	6.88	8.75	10.6	12.9	15.6	22.0		33.5	50.9		70.8
	3.19	4.43	27.6	18.3	2.89	3.32	3.83	4.64	5.65	7.60	9.78	12.7	16.6	21.6		28.1	38.2		59.3
	4.95	6.27	32.2	20.7	4.60	4.99	5.59	6.44	7.55	9.24	11.7	14.8	19.2	24.6		31.8	43.3		66.9
	1.19	*1.28*	*0.54*	*1.35*	*0.75*	*0.69*	*0.73*	*0.78*	*0.88*	*1.00*	*1.07*	*1.09*	*1.02*	*0.89*		*0.71*	*0.65*		*0.88*
624	03465631	36°17′00″	82°29′04″	LITTLE LIMESTONE CR BELOW JONESBORO (1)							4.21	4.19	120	2.147	96	1.32	4	6	03467000
	1.10	1.40	4.90	4.00	1.09	1.20	1.34	1.49	1.67	2.01	2.47	3.15	4.04	4.10		4.60	5.03		10.3
	0.80	1.09	5.62	3.65	0.75	0.86	0.98	1.15	1.33	1.72	2.16	2.77	3.45	4.24		5.39	7.05		10.7
	0.83	1.04	5.25	3.34	0.77	0.84	0.93	1.05	1.20	1.45	1.82	2.31	3.00	3.85		5.06	7.07		11.0
	1.10	*1.12*	*0.33*	*1.08*	*0.77*	*0.62*	*0.66*	*0.70*	*0.77*	*0.87*	*0.90*	*0.86*	*0.78*	*0.69*		*0.56*	*0.60*		*0.74*
625	03465780	36°19′33″	82°33′47″	CLEAR FORK NEAR FAIRVIEW (1)							10.5	10.5	120	2.147	96	1.32	6	12	03466228
	0.65	0.95	5.82	4.11	0.48	0.56	0.69	0.95	1.22	1.74	2.21	2.87	3.72	4.97		6.49	14.4		20.0
	1.81	2.42	12.4	8.33	1.61	1.85	2.11	2.52	2.98	3.85	4.78	6.06	7.67	9.82		12.8	16.9		25.3
	2.16	2.69	13.4	8.73	1.99	2.17	2.42	2.74	3.15	3.81	4.81	6.08	7.86	10.0		13.0	18.0		28.0
	1.10	*1.14*	*0.41*	*1.21*	*0.77*	*0.64*	*0.69*	*0.74*	*0.83*	*0.93*	*0.98*	*0.95*	*0.87*	*0.75*		*0.61*	*0.61*		*0.74*
626	03465800	36°18′52″	82°32′38″	MUDDY FORK AT FAIRVIEW (1)							9.86	9.95	120	2.147	96	1.32	3	9	03466228
	1.30	1.70	9.55	6.96	1.00	1.15	1.39	1.83	2.31	3.19	3.97	5.02	6.36	8.27		10.5	13.5		18.8
	1.71	2.29	11.7	7.86	1.52	1.75	2.00	2.39	2.82	3.64	4.53	5.73	7.25	9.27		12.1	16.0		23.9
	2.04	2.55	12.6	8.25	1.88	2.05	2.29	2.59	2.97	3.60	4.54	5.74	7.42	9.47		12.3	17.0		26.5
	1.10	*1.14*	*0.41*	*1.21*	*0.77*	*0.64*	*0.69*	*0.73*	*0.82*	*0.93*	*0.97*	*0.95*	*0.87*	*0.75*		*0.61*	*0.61*		*0.74*
627	03466099	36°13′31″	82°38′06″	JOCKEY CREEK AT LIMESTONE (1)							19.0	18.8	120	2.176	85	1.25	7	14	03466228
	2.40	3.40	18.2	13.1	1.79	2.07	2.51	3.34	4.24	5.89	7.38	9.40	12.0	15.7		20.1	26.1		36.2
	2.52	3.54	23.2	15.2	2.28	2.61	3.01	3.71	4.57	6.28	8.18	10.6	13.9	18.2		23.6	32.0		48.9
	3.63	4.58	24.7	15.4	3.37	3.69	4.12	4.70	5.44	6.72	8.49	10.8	14.1	18.1		23.8	32.9		51.9
	1.16	*1.26*	*0.53*	*1.29*	*0.75*	*0.66*	*0.70*	*0.74*	*0.83*	*0.94*	*1.00*	*1.03*	*1.00*	*0.87*		*0.69*	*0.63*		*0.83*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
628	03466200	36°13′07″	82°38′27″	BIG LIMESTONE CREEK AT LIMESTONE (1)							78.1	75.4	120	2.177	93	1.30	10	14	03467000
	10.0	14.5	91.0	65.7	10.1	11.6	13.4	15.4	17.9	23.1	30.5	42.5	59.3	66.3		80.0	93.4		191
	13.9	19.3	99.9	67.3	13.3	14.8	16.7	20.0	24.3	32.0	40.2	50.5	63.8	82.2		108	142		214
	15.8	19.7	102	66.3	14.7	16.0	17.8	20.4	23.8	29.3	37.0	46.9	60.8	77.3		99.5	135		212
	1.28	*1.18*	*0.50*	*1.09*	*0.75*	*0.85*	*0.89*	*0.81*	*0.80*	*0.81*	*0.86*	*0.90*	*0.91*	*0.89*		*0.79*	*0.90*		*1.48*
629	03466234	36°10′26″	82°43′10″	SINKING CREEK NEAR AFTON (1)							15.5	15.7	120	2.184	82	1.22	6	10	03467000
	2.10	2.80	21.5	12.3	2.06	2.32	2.63	2.95	3.37	4.18	5.29	7.01	9.30	12.7		15.0	18.5		37.9
	2.43	3.30	19.4	12.4	2.23	2.50	2.85	3.44	4.12	5.46	6.94	8.95	11.7	15.1		19.4	26.1		39.7
	2.93	3.71	20.7	12.6	2.72	2.99	3.34	3.81	4.41	5.47	6.91	8.78	11.5	14.9		19.7	27.4		43.5
	1.19	*1.25*	*0.53*	*1.36*	*0.83*	*0.71*	*0.76*	*0.79*	*0.86*	*0.96*	*1.01*	*1.04*	*0.99*	*0.90*		*0.73*	*0.67*		*0.87*
630	03466245	36°09′43″	82°42′04″	HORSE CREEK NEAR TUSCULUM (1)							21.3	21.2	113	2.184	80	2.69	9	9	03467000
	2.50	3.50	24.5	18.3	2.47	2.86	3.36	3.90	4.60	6.06	8.19	11.7	16.8	18.7		22.0	25.5		52.1
	3.14	4.32	25.6	16.5	2.92	3.27	3.73	4.50	5.42	7.20	9.13	11.7	15.2	19.9		25.8	34.8		54.0
	4.53	5.95	32.0	20.4	4.23	4.59	5.20	6.16	7.43	9.34	11.9	15.1	19.4	25.0		32.4	43.8		66.2
	1.22	*1.30*	*0.57*	*1.41*	*0.87*	*0.78*	*0.83*	*0.85*	*0.92*	*1.00*	*1.06*	*1.11*	*1.07*	*0.94*		*0.75*	*0.68*		*0.94*
631	03466256	36°09′55″	82°45′17″	COLLEGE CREEK AT TUSCULUM (1)							3.48	3.48	120	2.186	96	1.32	3	7	03466228
	1.00	1.20	3.33	2.54	0.90	0.97	1.07	1.24	1.41	1.67	1.88	2.13	2.42	2.87		3.68	4.78		6.63
	0.66	0.88	4.99	3.02	0.66	0.72	0.80	0.92	1.06	1.38	1.76	2.30	2.96	3.69		4.63	5.99		9.50
	0.65	0.83	4.56	2.65	0.61	0.66	0.74	0.83	0.96	1.15	1.45	1.85	2.42	3.18		4.25	6.01		9.49
	1.10	*1.13*	*0.59*	*1.59*	*0.88*	*0.66*	*0.69*	*0.72*	*0.80*	*0.95*	*1.01*	*1.04*	*1.09*	*1.02*		*0.82*	*0.73*		*0.88*
632	03466295	36°05′39″	82°45′37″	CAMP CREEK AT CAMP CREEK (1)							9.99	10.0	113	2.190	74	3.33	6	19	03466228
	4.50	6.20	36.8	26.6	3.62	4.18	5.08	6.76	8.59	11.9	14.9	19.0	24.2	31.7		40.7	52.8		73.3
	1.39	2.01	13.9	8.83	1.28	1.46	1.69	2.10	2.59	3.62	4.76	6.22	8.19	10.9		14.2	19.2		28.4
	2.14	2.86	15.6	9.69	2.00	2.17	2.47	2.95	3.58	4.52	5.74	7.26	9.32	12.1		15.8	21.5		32.2
	1.32	*1.42*	*0.57*	*1.60*	*0.92*	*0.77*	*0.83*	*0.89*	*0.99*	*1.13*	*1.19*	*1.24*	*1.17*	*1.04*		*0.82*	*0.73*		*0.83*
633	03466370	36°05′52″	82°51′09″	RICHLAND CREEK NEAR GREENEVILLE (1)							14.9	14.3	120	2.193	93	1.30	9	14	03467000
	3.00	4.00	27.9	20.1	2.92	3.31	3.79	4.30	4.95	6.25	8.07	10.9	14.8	20.7		25.5	29.2		36.4
	2.29	3.05	18.9	11.8	2.13	2.34	2.64	3.18	3.83	5.10	6.52	8.46	11.2	14.7		18.9	25.3		38.5
	2.78	3.50	19.3	11.5	2.59	2.81	3.14	3.57	4.13	5.03	6.36	8.08	10.6	13.8		18.2	25.3		40.0
	1.18	*1.23*	*0.46*	*1.16*	*0.83*	*0.69*	*0.74*	*0.75*	*0.80*	*0.86*	*0.89*	*0.92*	*0.88*	*0.79*		*0.66*	*0.63*		*0.79*
634	03466510	36°03′34″	82°54′41″	MEADOW CREEK NEAR CEDAR CREEK (1)							19.6	19.5	116	2.196	59	1.99	4	5	03467000
	2.50	3.40	22.6	17.1	2.39	2.74	3.17	3.63	4.23	5.43	7.15	9.92	13.8	17.8		20.2	23.4		47.9
	3.41	4.91	30.3	20.6	3.30	3.64	4.20	5.24	6.47	8.92	11.6	15.1	19.3	24.3		30.5	38.7		59.2
	3.59	4.78	28.4	17.3	3.37	3.72	4.20	4.98	5.99	7.79	9.89	12.6	16.3	21.2		28.2	38.7		60.0
	1.19	*1.22*	*0.54*	*1.26*	*0.88*	*0.75*	*0.81*	*0.81*	*0.86*	*0.91*	*0.95*	*0.97*	*0.93*	*0.85*		*0.72*	*0.65*		*0.91*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
635	03466695	36°09′27″	82°57′34″	LITTLE CHUCKY CR BL MCNEW BRIDGE, RADER (1)							22.5	24.6	70	2.194	39	0.93	4	8	03466228
	1.80	2.30	11.0	6.56	1.43	1.60	1.86	2.31	2.77	3.56	4.22	5.08	6.11	7.50		13.0	22.0		42.9
	1.68	2.52	29.1	14.6	1.61	1.83	2.11	2.66	3.36	4.92	6.76	9.28	13.1	19.0		27.8	43.7		77.5
	1.47	2.30	31.6	15.8	1.40	1.68	1.99	2.50	3.22	4.96	7.03	9.92	14.3	20.0		28.7	42.7		71.9
	0.59	*0.74*	*0.43*	*1.31*	*0.68*	*0.68*	*0.76*	*0.81*	*0.89*	*1.00*	*1.05*	*1.05*	*1.00*	*0.80*		*0.83*	*1.12*		*1.99*
636	03466700	36°07′28″	83°05′37″	LITTLE CHUCKY CREEK AT WARRENSBURG (1)							40.4	43.2	61	2.199	36	0.92	11	13	03485500
	1.80	2.50	15.8	7.59	1.82	1.97	2.20	2.62	3.11	4.01	4.91	6.04	7.33	8.83		16.9	40.0		124
	2.08	3.19	46.7	20.5	2.01	2.32	2.71	3.41	4.30	6.37	8.91	12.8	18.7	27.5		42.3	72.0		130
	1.94	3.21	56.0	26.7	1.86	2.28	2.74	3.55	4.71	7.64	11.2	16.4	24.3	34.6		50.3	75.7		129
	0.55	*0.82*	*0.55*	*1.91*	*0.65*	*0.73*	*0.87*	*1.02*	*1.15*	*1.43*	*1.58*	*1.58*	*1.39*	*1.07*		*1.10*	*1.76*		*2.74*
637	03466840	36°18′48″	82°48′27″	LICK CREEK NEAR BAILEYTON (1)							78.0	76.8	99	2.183	44	0.98	4	5	03467000
	7.00	9.70	85.0	54.3	6.73	7.78	9.12	10.6	12.5	16.4	22.0	31.4	44.8	57.0		69.0	93.3		191
	10.2	14.9	108	68.5	9.88	11.3	13.0	15.9	19.6	27.4	36.3	48.0	62.6	81.3		107	145		231
	9.07	12.6	99.7	59.5	8.53	9.82	11.2	13.4	16.4	23.1	30.4	40.0	54.0	70.7		96.1	135		221
	1.79	*1.45*	*0.50*	*1.37*	*1.16*	*1.31*	*1.30*	*1.13*	*1.07*	*1.06*	*1.10*	*1.14*	*1.08*	*0.98*		*0.83*	*1.08*		*2.36*
638	03466870	36°13′18″	82°52′05″	ROARING FORK NEAR GREENEVILLE (1)							20.6	19.9	95	2.188	43	0.76	9	20	03466228
	1.40	2.10	12.4	8.78	1.06	1.24	1.52	2.06	2.65	3.76	4.77	6.16	7.96	10.6		13.8	20.5		39.3
	2.47	3.75	27.1	17.8	2.30	2.59	3.06	3.96	5.05	7.28	9.72	12.7	16.2	21.3		27.7	37.2		59.9
	1.94	2.73	24.5	13.4	1.82	2.12	2.42	2.89	3.49	4.94	6.55	8.74	12.0	16.1		22.6	32.8		54.8
	1.11	*1.10*	*0.40*	*1.21*	*0.97*	*0.84*	*0.89*	*0.89*	*0.89*	*0.89*	*0.90*	*0.90*	*0.85*	*0.73*		*0.62*	*0.61*		*0.92*
639	03466880	36°14′38″	82°53′37″	ROARING FORK NEAR MOSHEIM (1)							46.4	41.4	77	2.189	31	0.76	8	19	03466228
	2.40	3.60	21.2	15.0	1.79	2.09	2.57	3.49	4.50	6.38	8.11	10.5	13.6	18.1		23.7	40.0		88.4
	2.76	4.21	42.8	22.8	2.52	2.96	3.50	4.47	5.59	8.08	10.9	14.8	20.8	29.3		42.6	67.9		120
	2.67	4.10	51.5	27.0	2.54	3.06	3.58	4.47	5.67	8.82	12.3	17.0	24.2	33.1		47.4	69.9		119
	1.38	*1.19*	*0.39*	*1.32*	*1.46*	*1.43*	*1.43*	*1.30*	*1.23*	*1.20*	*1.18*	*1.14*	*1.01*	*0.80*		*0.76*	*1.07*		*1.95*
640	03466885	36°14′32″	82°54′39″	GRASSY CREEK AT ALBANY (1)							7.99	7.97	50	2.190	48	1.01	9	9	03467000
	0.22	0.33	8.10	3.19	0.21	0.25	0.31	0.37	0.45	0.62	0.88	1.35	2.08	3.32		5.50	9.55		19.5
	0.38	0.60	10.9	4.76	0.36	0.44	0.51	0.64	0.83	1.26	1.84	2.73	4.05	6.23		9.24	14.8		25.5
	0.24	0.42	10.1	4.29	0.23	0.28	0.35	0.46	0.63	1.04	1.63	2.50	3.89	5.81		8.68	13.6		23.4
	0.51	*0.72*	*0.92*	*2.10*	*0.73*	*0.74*	*0.85*	*1.00*	*1.12*	*1.39*	*1.48*	*1.52*	*1.50*	*1.24*		*1.32*	*1.98*		*2.80*
641	03467490	36°11′14″	83°09′53″	BENT CREEK NEAR SPRINGVALE (1)							41.2	42.8	73	2.198	38	1.03	7	17	03466228
	2.10	3.00	16.4	11.8	1.56	1.81	2.20	2.95	3.75	5.24	6.58	8.42	10.8	14.1		18.2	34.0		78.5
	2.98	4.51	48.3	25.0	2.82	3.25	3.79	4.79	5.99	8.70	11.8	16.2	22.7	31.7		45.8	72.6		126
	2.86	4.43	56.6	29.1	2.72	3.25	3.83	4.83	6.21	9.53	13.4	18.7	26.7	36.9		52.3	76.7		128
	0.60	*0.87*	*0.45*	*1.60*	*0.66*	*0.73*	*0.86*	*0.93*	*1.04*	*1.20*	*1.29*	*1.29*	*1.15*	*0.90*		*0.90*	*1.32*		*2.55*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
642	03467895	36°09′30″	83°12′44″	FLAT CREEK NEAR LOWLAND (1)	9.30	9.21	101	2.200	50	1.46	10	13	03467000
	0.78	1.10	10.7	6.75 0.75 0.87 1.01 1.17 1.37 1.79	2.39	3.37	4.78	6.98		8.90	11.1		22.7
	1.25	1.92	14.4	9.37 1.19 1.35 1.58 2.03 2.57 3.74	5.04	6.64	8.58	11.2		14.6	19.2		29.2
	1.18	1.64	12.6	7.04 1.11 1.26 1.44 1.72 2.09 2.85	3.71	4.86	6.53	8.72		12.0	17.1		27.4
	1.34	*1.41*	*0.64*	*1.90 1.13 0.93 0.99 1.01 1.08 1.19*	*1.24*	*1.31*	*1.25*	*1.11*		*0.86*	*0.75*		*0.85*
643	03467993	36°08′03″	83°18′47″	CEDAR CREEK NEAR VALLEY HOME (1)	2.01	2.01	120	2.202	43	1.70	3	9	03491300
	0.36	0.52	2.14	1.33 0.38 0.40 0.45 0.52 0.59 0.73	0.88	1.08	1.30	1.57		1.92	2.33		4.36
	0.32	0.48	3.06	1.79 0.32 0.35 0.40 0.46 0.57 0.81	1.08	1.40	1.78	2.17		2.74	3.57		5.96
	0.31	0.43	2.77	1.56 0.29 0.33 0.37 0.44 0.52 0.69	0.87	1.11	1.45	1.92		2.67	3.79		5.99
	0.84	*0.83*	*0.91*	*1.79 0.78 0.55 0.55 0.52 0.59 0.75*	*0.87*	*0.99*	*1.15*	*1.34*		*1.18*	*0.85*		*1.03*
644	03467998	36°07′21″	83°17′44″	SINKING FORK AT WHITE PINE (1)	6.38	6.46	100	2.202	32	1.54	3	8	03466228
	0.65	0.96	5.40	3.74 0.49 0.56 0.69 0.92 1.18 1.65	2.07	2.66	3.40	4.48		6.20	8.76		12.1
	0.91	1.43	11.1	7.26 0.89 1.00 1.18 1.53 1.96 2.89	3.94	5.19	6.70	8.66		11.3	14.6		22.1
	0.72	1.05	8.92	4.89 0.68 0.78 0.90 1.11 1.37 1.97	2.58	3.38	4.55	6.11		8.61	12.4		19.9
	1.31	*1.30*	*0.73*	*2.05 1.25 0.98 1.01 1.01 1.09 1.22*	*1.29*	*1.38*	*1.44*	*1.29*		*0.98*	*0.76*		*0.88*
645	03468050	36°07′50″	83°15′48″	LONG CREEK NEAR WHITE PINE (1)	30.8	30.3	94	2.201	53	1.31	4	16	03467000
	2.70	3.70	42.0	23.2 2.64 3.04 3.55 4.09 4.79 6.22	8.29	11.7	16.5	24.0		33.5	36.8		75.3
	3.39	4.94	37.2	22.9 3.23 3.63 4.19 5.19 6.39 8.95	11.8	15.6	20.7	27.6		36.4	50.2		83.2
	3.56	5.01	41.6	23.3 3.36 3.83 4.39 5.31 6.52 9.01	12.0	15.9	21.6	28.8		39.5	55.9		90.3
	1.65	*1.55*	*0.50*	*1.49 1.34 1.20 1.26 1.27 1.33 1.30*	*1.23*	*1.17*	*1.14*	*1.00*		*0.91*	*1.00*		*1.62*
646	03468196	36°01′39″	83°23′52″	RIMMER CR AT HWY 70 NR DANDRIDGE (1)	3.48	3.50	120	2.208	91	1.33	3	8	03535000
	0.87	1.20	6.70	4.00 0.89 0.97 1.05 1.18 1.34 1.76	2.22	2.83	3.65	4.72		6.01	7.50		9.96
	0.55	0.78	5.35	2.98 0.55 0.61 0.67 0.77 0.93 1.27	1.67	2.21	2.90	3.76		4.84	6.46		10.4
	0.63	0.81	4.71	2.62 0.59 0.64 0.72 0.82 0.94 1.14	1.43	1.83	2.42	3.21		4.33	6.15		9.77
	0.85	*0.91*	*0.99*	*2.15 0.68 0.51 0.52 0.52 0.63 0.84*	*0.99*	*1.12*	*1.30*	*1.52*		*1.25*	*0.88*		*1.06*
647	03468250	35°56′18″	83°21′37″	CLEAR CREEK NEAR CHESTNUT HILL (1)	10.4	10.6	50	2.211	53	3.80	4	4	03467000
	1.28	1.41	11.0	5.44 1.26 1.32 1.39 1.46 1.54 1.68	1.85	2.67	3.81	5.63		8.32	12.4		25.4
	0.43	0.71	16.1	6.53 0.42 0.50 0.59 0.76 1.00 1.57	2.34	3.52	5.72	9.29		13.6	21.2		36.3
	0.46	0.84	17.3	7.71 0.45 0.54 0.67 0.93 1.33 2.16	3.34	5.04	7.56	11.2		16.2	24.2		38.2
	0.55	*0.81*	*0.94*	*2.11 0.71 0.74 0.86 1.03 1.24 1.57*	*1.62*	*1.58*	*1.56*	*1.26*		*1.36*	*2.11*		*2.86*
648	03469100	35°44′20″	83°24′59″	LITTLE PIGEON R NR PITTMAN CENTER (1)	46.1	45.5	100	2.222	19	8.51	11	17	03470000
	11.9	19.0	116	95.0 11.3 12.7 15.4 21.0 27.3 40.3	54.3	69.9	89.0	100		113	128		152
	6.94	11.0	76.3	54.1 6.49 7.36 8.82 11.9 15.4 22.8	30.9	40.4	49.9	61.8		76.0	99.7		154
	7.31	11.5	87.5	54.8 7.04 7.98 9.38 12.7 17.2 26.7	34.8	44.2	56.4	73.9		99.6	132		192
	1.76	*1.60*	*0.58*	*1.67 1.42 1.27 1.30 1.21 1.21 1.25*	*1.27*	*1.31*	*1.21*	*1.10*		*0.98*	*1.08*		*2.10*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
649	03469105	35°45′51″	83°18′46″	WEBB CREEK NEAR COSBY (1)							3.52	3.56	100	2.217	23	8.62	3	5	03461200
	0.62	1.10	8.80	6.20	0.64	0.72	0.86	1.16	1.57	2.45	3.40	4.27	5.70	7.50		10.4	13.1		19.1
	0.51	0.82	5.81	3.67	0.51	0.56	0.66	0.82	1.05	1.55	2.11	2.73	3.48	4.35		5.57	7.27		11.6
	0.56	0.87	6.59	3.86	0.53	0.60	0.71	0.94	1.24	1.86	2.40	3.07	3.94	5.26		7.23	9.87		14.3
	0.85	*0.88*	*1.08*	*2.33*	*0.86*	*0.65*	*0.67*	*0.66*	*0.77*	*0.99*	*1.15*	*1.31*	*1.52*	*1.65*		*1.37*	*1.06*		*1.27*
650	03469112	35°45′39″	83°21′20″	WEBB CREEK NEAR PITTMAN CENTER (1)							11.2	11.2	100	2.219	22	8.70	4	6	03470000
	2.20	3.30	22.5	16.0	2.07	2.32	2.77	3.71	4.73	6.82	9.00	11.4	14.3	17.7		23.3	27.5		36.9
	1.87	3.08	19.0	14.6	1.75	1.99	2.42	3.32	4.37	6.59	8.96	11.6	13.6	16.3		19.9	24.7		38.1
	1.80	2.82	21.1	12.8	1.73	1.95	2.29	3.06	4.09	6.18	8.02	10.2	13.1	17.3		23.5	31.6		45.9
	1.01	*0.98*	*0.59*	*1.52*	*0.84*	*0.69*	*0.72*	*0.74*	*0.81*	*0.91*	*0.98*	*1.06*	*1.05*	*1.00*		*0.83*	*0.76*		*0.91*
651	03469119	35°45′31″	83°23′38″	WEBB CREEK AT PITTMAN CENTER (1)							17.8	17.8	100	2.221	22	8.71	6	6	03470000
	2.50	4.30	29.0	19.6	2.38	2.70	3.28	4.53	5.92	8.87	12.1	15.6	17.3	22.0		28.4	38.2		59.0
	2.60	4.47	33.7	24.8	2.49	2.83	3.47	4.87	6.56	10.2	14.2	18.7	22.6	28.0		35.0	43.9		67.5
	2.91	4.55	33.9	20.7	2.79	3.15	3.70	4.95	6.65	10.1	13.1	16.6	21.3	28.1		38.0	50.8		73.6
	0.95	*1.00*	*0.53*	*1.35*	*0.89*	*0.76*	*0.81*	*0.81*	*0.86*	*0.92*	*0.97*	*1.02*	*0.97*	*0.87*		*0.72*	*0.65*		*0.86*
652	03469130	35°51′38″	83°30′13″	LITTLE PIGEON RIVER NR SEVIERVILLE (1)							110	109	94	2.219	20	8.38	6	7	03470000
	17.7	29.0	178	132	16.6	18.8	22.8	31.5	41.2	61.5	83.5	108	122	144		174	235		363
	15.6	23.4	186	118	14.7	16.5	19.5	25.4	32.4	47.1	63.2	83.7	108	140		184	250		388
	16.7	26.5	211	134	16.0	18.3	21.6	29.4	40.3	63.4	83.6	107	138	180		241	317		462
	1.24	*1.11*	*0.62*	*1.71*	*1.10*	*1.05*	*1.01*	*0.93*	*0.93*	*1.00*	*1.07*	*1.17*	*1.14*	*1.06*		*0.98*	*1.08*		*2.25*
653	03469160	35°51′55″	83°29′17″	E FORK LITTLE PIGEON R NR SEVIERVILLE (1)							64.1	63.7	67	2.218	25	7.97	8	11	03470000
	4.40	7.00	104	55.0	4.15	4.67	5.61	7.62	9.81	14.4	19.2	33.0	47.0	68.0		102	137		211
	4.94	7.65	82.8	43.2	4.77	5.35	6.29	8.25	10.7	15.9	21.9	30.5	39.7	55.3		81.9	126		219
	5.60	9.74	121	67.4	5.43	6.37	7.76	11.0	15.7	25.9	36.8	50.6	69.1	95.4		131	181		268
	0.65	*0.60*	*0.53*	*1.65*	*0.74*	*0.68*	*0.68*	*0.70*	*0.74*	*0.78*	*0.79*	*0.78*	*1.26*	*1.01*		*1.18*	*1.85*		*3.21*
654	03469185	35°48′15″	83°32′20″	MIDDLE CREEK NEAR PIGEON FORGE (1)							5.37	5.45	64	2.223	8	9.19	4	11	03497300
	0.21	0.37	12.0	3.40	0.19	0.23	0.28	0.41	0.60	1.03	1.58	2.30	3.20	7.10		15.1	19.7		28.3
	0.40	0.63	10.2	4.98	0.40	0.44	0.52	0.69	0.91	1.42	2.08	2.99	4.20	6.42		9.59	13.3		21.5
	0.30	0.60	10.3	5.21	0.30	0.37	0.46	0.68	1.02	1.94	2.77	3.87	5.36	7.62		11.3	16.3		24.5
	1.01	*1.03*	*1.46*	*2.34*	*1.07*	*0.99*	*1.05*	*1.16*	*1.28*	*1.47*	*1.57*	*1.76*	*1.97*	*1.71*		*1.64*	*1.49*		*1.79*
655	03469225	35°38′14″	83°29′34″	W PRONG L PIGEON R NR MT LE CONTE (1)							13.6	14.4	100	2.231	28	7.01	3	5	03470000
	2.90	4.70	25.0	20.5	2.69	3.05	3.71	5.14	6.73	10.1	13.7	17.9	19.5	22.3		24.6	29.0		44.8
	2.34	3.68	25.1	17.8	2.24	2.51	2.99	3.96	5.12	7.54	10.2	13.5	16.5	20.4		25.0	31.2		49.1
	2.32	3.55	26.7	15.6	2.23	2.49	2.92	3.83	5.06	7.42	9.64	12.4	15.9	21.2		28.8	39.0		57.3
	0.85	*0.86*	*0.64*	*1.58*	*0.80*	*0.67*	*0.69*	*0.70*	*0.77*	*0.90*	*1.00*	*1.10*	*1.12*	*1.08*		*0.91*	*0.84*		*1.03*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
656	03469230	35°40′36″	83°31′39″	W PR LITTLE PIGEON RIVER NR GATLINBURG (1)							20.0	20.3	108	2.232	22	7.71	3	5	03470000
	4.30	7.20	38.0	32.0	4.04	4.57	5.56	7.68	10.1	15.0	20.4	26.5	30.0	33.0		37.0	42.7		65.9
	3.60	6.10	41.5	31.9	3.46	3.92	4.78	6.70	8.97	13.8	19.1	24.8	29.9	35.8		43.3	53.2		77.7
	3.56	5.45	38.3	23.3	3.42	3.83	4.47	5.90	7.82	11.7	14.9	18.8	24.0	31.5		42.6	56.8		83.0
	1.11	*1.17*	*0.60*	*1.37*	*0.92*	*0.80*	*0.86*	*0.87*	*0.93*	*1.01*	*1.05*	*1.11*	*1.06*	*0.97*		*0.82*	*0.80*		*1.14*
657	03469238	35°41′15″	83°32′07″	W PR LITTLE PIGEON RIVER AB GATLINBURG (1)							24.0	24.2	112	2.231	20	8.04	8	12	03470000
	4.20	7.00	43.0	34.0	3.91	4.45	5.45	7.63	10.1	15.4	21.1	27.7	31.0	37.0		43.0	51.3		79.1
	5.02	7.94	49.9	37.5	4.79	5.37	6.41	8.71	11.4	17.0	23.0	29.7	35.9	43.0		51.2	63.3		92.6
	4.46	6.80	46.3	28.7	4.28	4.79	5.58	7.39	9.80	14.7	18.7	23.4	29.5	38.6		52.1	69.1		100
	1.13	*1.09*	*0.58*	*1.24*	*0.94*	*0.81*	*0.84*	*0.81*	*0.82*	*0.86*	*0.90*	*0.95*	*0.92*	*0.89*		*0.83*	*0.80*		*1.18*
658	03469253	35°42′23″	83°31′28″	W PR L PIGEON R, SMOKEY MTNS NATL PARK (1)							31.8	31.9	124	2.230	17	8.45	4	4	03470000
	4.90	8.50	57.0	45.0	4.91	5.60	6.88	9.67	12.8	19.6	27.1	35.7	46.4	49.0		55.0	67.9		105
	7.31	11.4	66.5	49.3	6.92	7.77	9.21	12.4	16.0	23.5	31.5	40.3	48.3	56.8		67.3	83.1		121
	6.66	10.0	61.6	40.0	6.40	7.13	8.25	10.9	14.4	21.7	27.0	33.2	41.2	53.0		71.0	92.9		134
	1.52	*1.33*	*0.69*	*1.21*	*1.16*	*0.97*	*0.97*	*0.87*	*0.86*	*0.86*	*0.89*	*0.95*	*0.95*	*0.95*		*0.92*	*0.90*		*1.31*
659	03469280	35°42′53″	83°29′11″	ROARING FORK AT GATLINBURG (1)							6.30	6.36	100	2.227	11	9.18	3	5	03470000
	1.70	2.70	12.3	10.9	1.58	1.79	2.15	2.93	3.79	5.57	7.47	9.58	10.4	11.2		12.2	13.5		20.8
	1.06	1.77	12.2	9.25	1.00	1.13	1.39	1.95	2.63	4.06	5.57	7.08	8.59	10.4		13.2	16.5		24.4
	0.83	1.39	12.1	7.11	0.81	0.93	1.11	1.53	2.10	3.46	4.47	5.71	7.32	9.77		13.8	18.8		27.4
	0.85	*0.86*	*1.11*	*2.17*	*0.82*	*0.66*	*0.69*	*0.71*	*0.79*	*0.93*	*1.05*	*1.20*	*1.40*	*1.59*		*1.30*	*1.02*		*1.23*
660	03469282	35°43′01″	83°30′41″	ROARING FORK CR, HWY 441 AT GATLINBURG (1)							7.23	7.19	100	2.228	11	9.25	15	16	03470000
	1.80	2.90	13.8	12.0	1.68	1.90	2.31	3.17	4.13	6.14	8.31	10.8	11.7	12.5		13.6	15.4		23.8
	1.20	2.02	13.7	10.5	1.13	1.29	1.58	2.22	2.99	4.61	6.32	8.02	9.70	11.8		15.0	18.6		27.3
	0.95	1.58	13.8	8.08	0.92	1.06	1.26	1.74	2.39	3.93	5.10	6.50	8.33	11.1		15.6	21.3		31.1
	0.82	*0.84*	*1.17*	*2.03*	*0.81*	*0.65*	*0.69*	*0.70*	*0.78*	*0.93*	*1.05*	*1.19*	*1.38*	*1.55*		*1.32*	*1.09*		*1.32*
661	03469290	35°43′48″	83°27′02″	DUDLEY CREEK NEAR GATLINBURG (1)							3.89	3.90	100	2.224	7	9.72	3	5	03470000
	0.37	0.58	6.29	3.70	0.35	0.39	0.47	0.65	0.84	1.24	1.68	2.16	3.10	4.30		6.16	8.31		12.8
	0.75	1.24	7.15	5.70	0.71	0.80	0.98	1.35	1.78	2.67	3.58	4.47	5.36	6.18		7.65	9.31		14.2
	0.45	0.78	7.44	4.34	0.44	0.52	0.62	0.87	1.21	2.11	2.73	3.49	4.47	5.97		8.59	11.8		17.3
	0.95	*0.92*	*1.10*	*2.31*	*0.98*	*0.76*	*0.79*	*0.80*	*0.89*	*1.03*	*1.12*	*1.27*	*1.50*	*1.68*		*1.35*	*0.98*		*1.20*
662	03469400	35°44′01″	83°31′13″	W PR LITTLE PIGEON R AT GATLINBURG (1)							59.9	60.2	117	2.228	13	8.90	4	9	03470000
	11.5	18.0	108	82.0	10.8	12.2	14.7	20.0	25.9	38.1	51.0	65.5	77.0	92.0		105	128		198
	12.7	19.5	123	88.4	11.9	13.4	15.8	21.2	27.6	40.7	54.8	70.3	85.2	103		125	160		232
	11.2	17.4	118	77.4	10.8	12.2	14.2	19.3	26.0	41.2	52.0	64.3	80.1	103		139	181		262
	1.38	*1.39*	*1.14*	*1.93*	*1.05*	*0.98*	*1.01*	*0.94*	*0.95*	*1.03*	*1.13*	*1.25*	*1.29*	*1.34*		*1.30*	*1.18*		*1.81*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
663	03469500	35°48′21″	83°34′28″	W PRONG LITTLE PIGEON R NR PIGEON FORGE (1)							76.2	76.6	116	2.225	13	8.83	10	16	03470000
	12.3	20.0	133	98.0	11.6	13.1	15.9	21.9	28.5	42.4	57.4	74.2	89.0	109		130	163		251
	15.8	24.1	156	111	15.0	16.8	19.8	26.4	34.4	50.5	67.7	86.9	106	130		160	207		300
	14.2	22.1	150	99.4	13.7	15.5	18.1	24.6	33.2	52.7	66.6	82.6	103	132		177	230		333
	1.42	*1.47*	*1.15*	*2.01*	*1.06*	*1.02*	*1.05*	*0.99*	*1.01*	*1.09*	*1.20*	*1.33*	*1.35*	*1.40*		*1.35*	*1.21*		*1.88*
664	03469610	35°43′47″	83°37′43″	COVE CREEK AT HATCHERTOWN (1)							2.64	8.57	91	2.233	63	5.95	6	19	03497300
	1.70	2.40	10.8	9.01	1.68	1.84	2.08	2.60	3.27	4.53	5.86	7.32	8.93	10.3		11.1	12.2		13.9
	0.88	1.31	14.0	7.53	0.89	0.99	1.13	1.39	1.75	2.57	3.58	4.92	6.97	9.75		13.4	18.4		29.0
	1.40	2.05	15.4	8.48	1.33	1.46	1.71	2.16	2.79	3.75	4.97	6.49	8.58	11.6		15.6	21.4		31.7
	0.93	*0.89*	*1.36*	*2.28*	*0.92*	*0.75*	*0.78*	*0.78*	*0.86*	*1.01*	*1.15*	*1.33*	*1.57*	*1.68*		*1.61*	*1.32*		*1.66*
665	03469620	35°48′03″	83°35′17″	WALDEN CREEK NEAR PIGEON FORGE (1)							50.2	50.2	67	2.225	27	7.92	5	5	03470000
	4.70	7.90	78.0	47.0	4.43	5.01	6.08	8.38	10.9	16.3	22.1	28.7	41.0	57.0		79.5	107		166
	3.92	5.99	61.1	31.4	3.75	4.22	4.92	6.38	8.15	11.9	16.3	22.5	29.2	40.3		59.9	92.6		164
	4.42	7.66	96.0	52.0	4.29	5.01	6.10	8.58	12.2	19.9	28.4	39.1	53.5	74.3		103	142		211
	0.60	*0.56*	*0.53*	*1.74*	*0.71*	*0.64*	*0.65*	*0.67*	*0.71*	*0.76*	*0.78*	*0.78*	*1.30*	*1.01*		*1.16*	*1.76*		*3.06*
666	03470180	35°54′36″	83°39′32″	KNOB CREEK NEAR OAK CITY (1)							25.4	25.1	65	2.219	21	1.21	8	8	03497300
	0.51	0.78	17.2	5.60	0.48	0.54	0.62	0.81	1.05	1.55	2.09	2.71	5.50	10.3		21.1	46.0		134
	1.63	2.25	22.7	11.1	1.52	1.63	1.85	2.35	2.92	4.06	5.28	6.97	9.88	14.8		23.6	41.7		80.4
	1.14	1.95	34.6	16.3	1.10	1.36	1.64	2.18	2.94	4.99	7.21	10.3	15.1	21.6		32.0	48.0		81.1
	0.49	*0.67*	*0.46*	*1.39*	*0.61*	*0.62*	*0.70*	*0.79*	*0.93*	*1.14*	*1.20*	*1.15*	*1.01*	*0.83*		*0.95*	*1.48*		*2.58*
667	03470220	36°00′27″	83°31′45″	DUMPLIN CREEK NEAR PIEDMONT (1)							22.8	22.8	102	2.211	57	1.41	10	12	03470000
	2.64	4.30	36.9	24.9	2.63	2.98	3.62	4.99	6.52	9.75	13.2	17.2	22.0	28.0		36.1	48.7		75.2
	3.24	4.73	34.7	22.3	3.12	3.48	4.03	5.05	6.26	8.77	11.6	15.3	20.0	26.2		33.9	44.5		71.4
	3.09	4.25	31.9	17.9	2.92	3.28	3.74	4.46	5.41	7.27	9.48	12.4	16.7	22.2		30.2	42.6		68.3
	1.28	*1.31*	*0.56*	*1.39*	*1.04*	*0.91*	*0.96*	*0.97*	*1.02*	*1.05*	*1.07*	*1.10*	*1.02*	*0.92*		*0.77*	*0.71*		*1.03*
668	03470247	35°58′35″	83°36′23″	DUMPLIN CR AT HWY 66 NR KODAK P.O. (1)							43.5	43.9	103	2.214	58	1.40	10	12	03470000
	5.30	8.70	70.4	47.6	5.02	5.68	6.90	9.53	12.4	18.6	25.3	32.8	42.0	53.4		68.9	92.9		143
	6.37	9.05	67.2	42.0	6.24	6.93	7.93	9.70	11.9	16.4	21.7	29.0	38.7	49.9		63.7	84.3		140
	6.19	8.44	62.2	35.4	5.84	6.55	7.46	8.92	10.8	14.5	19.0	24.7	33.1	43.9		59.3	82.9		133
	1.84	*1.66*	*0.59*	*1.60*	*1.45*	*1.28*	*1.31*	*1.22*	*1.21*	*1.18*	*1.19*	*1.23*	*1.15*	*1.05*		*0.95*	*1.02*		*2.10*
669	03470260	35°59′36″	83°36′41″	TUCKAHOE CR AT HWY 66 NR KODAK P.O. (1)							5.11	5.06	80	2.213	56	0.94	6	10	03535000
	0.57	0.81	7.46	3.84	0.58	0.65	0.72	0.84	0.98	1.38	1.84	2.49	3.42	4.71		6.38	8.73		14.6
	0.50	0.75	7.74	4.13	0.51	0.57	0.65	0.79	0.97	1.39	1.92	2.66	3.67	5.08		6.96	9.84		15.9
	0.39	0.58	6.50	3.12	0.37	0.43	0.50	0.61	0.75	1.05	1.44	1.99	2.84	3.98		5.71	8.53		14.3
	1.64	*1.58*	*1.31*	*2.59*	*1.65*	*1.32*	*1.37*	*1.43*	*1.55*	*1.67*	*1.73*	*1.90*	*1.98*	*1.83*		*1.53*	*1.24*		*1.59*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
670	03470330	35°58′02″	83°42′07″	TUCKAHOE CREEK AT PETERS MILL (1)							28.3	27.5	80	2.237	58	0.96	6	10	03535000
	3.00	4.20	36.9	19.3	3.07	3.43	3.77	4.36	5.08	7.11	9.41	12.6	17.2	23.6		31.7	48.3		81.0
	2.50	3.57	39.2	20.0	2.41	2.71	3.08	3.77	4.67	6.77	9.29	12.8	18.3	26.0		35.8	51.0		86.4
	2.23	3.26	37.3	17.9	2.12	2.46	2.86	3.49	4.34	6.14	8.45	11.7	16.6	23.2		32.9	48.3		81.1
	1.13	*1.05*	*0.42*	*1.46*	*1.12*	*0.98*	*1.00*	*1.00*	*1.05*	*1.13*	*1.12*	*1.10*	*1.07*	*0.89*		*0.85*	*0.96*		*1.52*
671	03472600	36°31′14″	81°55′55″	BEAVERDAM CREEK AT SHADY VALLEY (1)							14.3	14.4	100	2.096	56	3.63	6	8	03485500
	2.30	3.70	23.3	16.9	2.26	2.52	2.94	3.78	4.81	6.87	9.15	12.3	16.1	20.9		25.3	31.5		43.8
	1.77	2.47	13.9	8.88	1.50	1.82	2.12	2.57	3.09	4.14	5.32	6.81	8.74	11.3		15.4	23.1		33.5
	2.76	3.85	20.4	15.3	2.56	2.85	3.28	4.03	5.01	6.76	8.77	11.2	14.1	17.7		22.6	30.3		44.1
	0.82	*0.86*	*0.49*	*1.53*	*0.77*	*0.74*	*0.80*	*0.85*	*0.96*	*1.14*	*1.25*	*1.18*	*1.02*	*0.88*		*1.06*	*2.19*		*2.59*
672	03476509	36°32′49″	82°07′49″	PAPERVILLE CREEK NEAR RUTHTON (1)							18.0	22.3	120	2.102	59	1.31	5	7	03485500
	2.30	3.80	29.3	19.8	2.21	2.50	2.95	3.88	5.04	7.43	10.2	14.0	18.8	25.0		31.8	39.7		55.2
	3.39	4.68	25.4	16.3	2.95	3.58	4.12	4.90	5.84	7.61	9.67	12.4	15.8	20.7		26.7	37.0		51.2
	4.34	5.57	27.1	20.0	3.99	4.45	4.98	5.77	6.75	8.77	11.1	13.9	17.6	21.8		28.2	38.4		59.3
	0.85	*0.91*	*0.49*	*1.24*	*0.65*	*0.64*	*0.68*	*0.72*	*0.83*	*0.98*	*1.07*	*1.00*	*0.87*	*0.78*		*0.95*	*1.73*		*2.35*
673	03476515	36°31′28″	82°07′53″	BEIDLEMAN CREEK NEAR CAYWOOD FORD (1)							27.4	25.1	120	2.104	59	1.28	11	29	03487550
	4.90	7.40	47.0	30.7	3.51	5.43	6.71	7.81	9.34	13.1	17.7	23.6	31.2	40.9		46.0	55.0		67.8
	3.73	5.23	29.6	18.7	3.21	4.02	4.66	5.49	6.49	8.53	11.0	14.1	18.3	24.1		31.3	43.8		60.4
	4.87	6.26	30.5	22.5	4.48	5.01	5.60	6.49	7.59	9.86	12.4	15.6	19.9	24.6		31.7	43.2		66.9
	0.98	*1.03*	*0.51*	*1.27*	*0.72*	*0.72*	*0.77*	*0.81*	*0.93*	*1.07*	*1.13*	*1.05*	*0.89*	*0.80*		*0.97*	*1.71*		*2.13*
674	03476960	36°25′38″	82°15′54″	INDIAN CREEK AT CHILDRESS (1)							6.79	6.76	70	2.118	23	1.45	4	11	03487550
	0.22	0.34	4.50	1.46	0.15	0.24	0.30	0.35	0.42	0.60	0.82	1.11	1.49	1.97		4.30	11.0		16.8
	0.32	0.45	4.49	2.09	0.28	0.34	0.40	0.48	0.58	0.80	1.08	1.49	2.03	2.74		4.54	9.36		15.4
	0.41	0.68	8.37	4.89	0.39	0.48	0.57	0.74	0.97	1.59	2.24	3.12	4.35	5.88		8.38	12.3		19.9
	0.80	*0.82*	*0.55*	*1.92*	*1.08*	*0.93*	*0.96*	*1.03*	*1.13*	*1.32*	*1.44*	*1.40*	*1.23*	*1.06*		*1.32*	*2.13*		*2.83*
675	03476980	36°27′30″	82°15′27″	INDIAN CREEK NEAR BLUFF CITY (1)							18.4	17.5	73	2.115	30	1.11	16	20	03485500
	0.65	0.94	7.50	3.03	0.64	0.70	0.79	0.95	1.15	1.51	1.89	2.36	2.92	3.57		11.7	40.6		56.4
	0.92	1.37	11.9	6.06	0.76	0.96	1.15	1.43	1.74	2.46	3.34	4.52	6.10	7.98		12.9	26.2		42.2
	1.20	1.88	21.0	12.7	1.13	1.37	1.61	2.05	2.63	4.15	5.80	8.01	11.1	14.9		20.8	30.3		49.2
	1.06	*1.12*	*0.52*	*2.04*	*1.43*	*1.44*	*1.49*	*1.53*	*1.65*	*1.79*	*1.85*	*1.68*	*1.37*	*1.14*		*1.40*	*1.99*		*2.42*
676	03478480	36°35′38″	82°11′12″	BEAVER CR BL VA-TN STATE LINE, BRISTOL (1)							35.4	35.5	114	2.102	82	1.63	4	10	03477500
	8.50	10.0	36.4	26.6	8.71	9.02	9.46	10.9	12.2	14.3	17.4	21.4	26.6	34.6		43.4	54.5		71.8
	6.67	9.17	45.8	31.2	6.17	7.03	7.97	9.55	11.5	15.1	19.0	24.1	30.4	39.8		50.2	62.5		88.9
	7.59	9.65	45.0	33.7	6.97	7.67	8.61	9.98	11.7	14.8	18.8	23.7	30.1	37.3		47.0	63.3		96.2
	1.03	*1.08*	*0.55*	*1.37*	*0.76*	*0.78*	*0.82*	*0.88*	*1.04*	*1.21*	*1.27*	*1.17*	*0.99*	*0.88*		*1.05*	*2.05*		*2.21*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
677	03478496	36°35′34″	82°11′17″	LITTLE CREEK AT BRISTOL (1)							8.83	8.83	115	2.102	82	1.63	5	13	03477500
	1.10	1.40	5.30	3.51	1.15	1.19	1.24	1.43	1.61	1.89	2.30	2.82	3.51	4.58		7.80	13.6		17.9
	1.48	2.00	10.2	7.11	1.24	1.48	1.72	2.09	2.50	3.30	4.17	5.32	6.80	8.64		10.9	13.9		20.3
	1.82	2.32	11.0	7.91	1.67	1.84	2.06	2.37	2.77	3.45	4.37	5.51	7.03	8.79		11.3	15.4		23.5
	0.77	*0.79*	*0.37*	*1.06*	*0.67*	*0.60*	*0.63*	*0.65*	*0.71*	*0.83*	*0.90*	*0.83*	*0.72*	*0.64*		*0.76*	*1.08*		*1.33*
678	03478550	36°33′33″	82°13′21″	BEAVER CREEK AB WWTP AT BRISTOL (1)							48.0	47.7	114	2.106	80	1.60	7	15	03477500
	10.1	11.9	42.9	31.4	10.4	10.8	11.3	12.9	14.5	17.0	20.7	25.3	31.4	40.8		51.1	64.0		97.4
	10.2	13.7	62.6	44.8	9.58	10.8	12.1	14.3	16.8	21.6	27.1	34.2	43.0	55.1		68.2	84.3		124
	10.1	12.9	60.8	45.6	9.32	10.3	11.5	13.4	15.8	20.0	25.4	32.1	40.8	50.5		63.7	85.5		130
	1.04	*1.12*	*0.73*	*1.68*	*0.80*	*0.79*	*0.83*	*0.91*	*1.18*	*1.36*	*1.46*	*1.41*	*1.22*	*1.08*		*1.29*	*1.62*		*2.33*
679	03478590	36°32′26″	82°13′34″	CEDAR CREEK NEAR BRISTOL (1)							8.32	9.14	102	2.107	68	1.40	5	12	03477500
	2.24	2.65	9.50	6.97	2.32	2.40	2.52	2.88	3.23	3.79	4.60	5.61	6.97	9.03		11.3	14.1		16.9
	1.32	1.81	9.79	6.54	1.10	1.33	1.56	1.89	2.27	3.02	3.86	4.95	6.37	8.08		10.6	14.6		21.6
	1.43	1.91	11.2	7.61	1.32	1.48	1.69	1.97	2.35	3.07	3.99	5.15	6.73	8.57		11.3	15.7		24.4
	0.76	*0.80*	*0.41*	*1.25*	*0.76*	*0.68*	*0.71*	*0.75*	*0.82*	*0.96*	*1.04*	*0.97*	*0.84*	*0.73*		*0.86*	*1.22*		*1.48*
680	03478600	36°31′26″	82°15′47″	BACK CREEK NEAR BLUFF CITY (1)							12.2	12.2	86	2.110	44	1.15	15	19	03478400
	1.67	2.20	11.9	9.17	1.37	1.51	1.80	2.32	2.84	3.99	5.35	6.92	9.37	12.4		13.6	21.5		27.8
	1.17	1.65	10.4	6.25	0.96	1.20	1.42	1.71	2.06	2.81	3.69	4.80	6.26	8.03		11.5	19.4		29.1
	1.24	1.79	14.6	9.29	1.15	1.35	1.56	1.89	2.33	3.36	4.52	6.05	8.16	10.6		14.5	20.7		33.0
	0.81	*0.86*	*0.52*	*1.74*	*0.90*	*0.87*	*0.92*	*0.98*	*1.09*	*1.30*	*1.43*	*1.36*	*1.15*	*0.98*		*1.22*	*2.61*		*3.19*
681	03478610	36°30′26″	82°16′25″	BEAVER CR, THOMAS BRIDGE NR BLUFF CITY (1)							95.0	96.0	105	2.112	68	1.44	7	19	03477500
	17.1	20.3	75.3	54.8	17.7	18.4	19.3	22.1	24.9	29.3	35.8	43.9	54.8	71.5		89.8	111		193
	18.2	24.5	126	85.4	17.3	19.3	21.6	25.5	30.6	40.1	51.2	64.9	82.2	104		134	177		264
	17.1	22.4	123	89.7	15.8	17.7	20.0	23.6	28.4	37.4	48.5	62.1	80.2	100		128	172		266
	0.87	*1.02*	*0.90*	*2.11*	*0.69*	*0.74*	*0.79*	*0.93*	*1.21*	*1.46*	*1.70*	*1.86*	*1.81*	*1.72*		*1.47*	*1.76*		*2.49*
682	03478615	36°31′19″	82°18′12″	EVANS CREEK NEAR BLOUNTVILLE (1)							2.50	4.58	99	2.112	41	0.93	4	11	03487550
	0.28	0.41	3.00	1.69	0.19	0.30	0.37	0.43	0.52	0.72	0.98	1.30	1.72	2.25		2.95	4.06		6.18
	0.48	0.65	4.01	2.48	0.40	0.49	0.57	0.68	0.80	1.05	1.35	1.78	2.30	2.96		4.11	6.32		9.74
	0.52	0.72	5.20	3.31	0.48	0.56	0.63	0.75	0.90	1.26	1.64	2.15	2.87	3.72		5.10	7.35		11.9
	0.93	*0.96*	*0.38*	*1.37*	*0.93*	*0.80*	*0.85*	*0.89*	*0.96*	*1.12*	*1.21*	*1.11*	*0.95*	*0.76*		*0.87*	*1.19*		*1.45*
683	03481400	36°14′56″	81°58′38″	ELK RIVER NEAR ELK MILLS (1)							60.4	60.4	89	2.157	90	3.70	6	10	03485500
	12.1	17.3	73.6	55.6	11.9	13.0	14.6	17.7	21.3	27.9	34.8	43.5	53.6	65.4		80.1	115		185
	7.69	11.5	84.3	51.8	7.54	8.42	9.65	12.2	15.9	22.3	29.5	39.0	51.8	67.9		89.0	116		180
	10.8	15.1	94.4	62.4	10.1	11.1	12.9	15.9	20.1	26.3	35.0	45.8	59.8	77.5		98.8	132		196
	0.83	*0.87*	*0.35*	*1.09*	*0.67*	*0.72*	*0.78*	*0.81*	*0.87*	*0.92*	*0.95*	*0.93*	*0.82*	*0.70*		*0.66*	*0.87*		*1.71*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
684	03481600	36°29′23″	81°48′52″	CORN CREEK AT MOUNTAIN CITY (1)							5.34	5.32	83	2.094	45	2.48	4	10	03478400
	0.30	0.40	2.54	1.89	0.22	0.25	0.30	0.40	0.51	0.74	1.03	1.38	1.94	2.65		3.66	6.50		12.2
	0.45	0.63	4.72	2.56	0.38	0.47	0.56	0.67	0.80	1.08	1.42	1.90	2.54	3.36		4.82	7.80		12.1
	0.63	0.93	6.97	4.69	0.58	0.67	0.79	0.98	1.24	1.79	2.41	3.20	4.23	5.50		7.34	10.3		15.6
	0.84	*0.92*	*0.50*	*1.95*	*1.04*	*0.89*	*0.93*	*1.02*	*1.16*	*1.41*	*1.57*	*1.49*	*1.25*	*1.01*		*1.32*	*2.26*		*2.93*
685	03481625	36°29′11″	81°48′32″	GOOSE CREEK NEAR MOUNTAIN CITY (1)							12.6	12.4	80	2.094	38	2.20	13	13	03478400
	1.70	2.10	6.49	5.40	1.42	1.52	1.72	2.06	2.37	3.02	3.70	4.43	5.48	6.66		8.15	15.0		28.7
	1.01	1.45	9.98	5.69	0.83	1.05	1.25	1.50	1.82	2.51	3.32	4.37	5.75	7.39		11.0	19.9		30.4
	1.30	1.97	16.1	10.9	1.22	1.42	1.67	2.11	2.71	4.04	5.50	7.36	9.80	12.7		17.0	23.9		36.6
	0.78	*0.81*	*0.48*	*1.65*	*0.92*	*0.87*	*0.92*	*0.98*	*1.08*	*1.27*	*1.38*	*1.28*	*1.10*	*0.95*		*1.13*	*2.41*		*2.81*
686	03481700	36°29′03″	81°47′55″	FURNACE CREEK AT MOUNTAIN CITY (1)							6.77	6.70	75	2.093	52	3.41	2	5	03478400
	1.10	1.40	4.48	3.68	0.89	0.96	1.09	1.32	1.54	1.98	2.47	2.99	3.74	4.60		5.71	9.40		15.4
	0.59	0.84	6.91	3.69	0.50	0.62	0.73	0.89	1.08	1.51	2.02	2.73	3.69	4.92		6.96	10.8		17.2
	0.76	1.16	9.27	6.20	0.71	0.82	0.96	1.23	1.59	2.31	3.18	4.28	5.69	7.46		9.88	13.8		20.6
	0.86	*0.90*	*0.54*	*1.95*	*1.14*	*0.98*	*1.02*	*1.10*	*1.23*	*1.47*	*1.61*	*1.51*	*1.29*	*1.09*		*1.42*	*2.44*		*3.10*
687	03481800	36°28′01″	81°48′15″	TOWN CREEK AT MOUNTAIN CITY (1)							24.4	24.2	78	2.094	46	2.51	13	14	03485500
	1.30	2.20	18.1	13.1	1.38	1.57	1.86	2.46	3.23	4.81	6.62	9.17	12.4	16.7		21.5	35.0		74.8
	1.93	2.89	23.5	12.6	1.70	2.09	2.46	3.03	3.76	5.31	7.14	9.54	12.8	16.9		24.8	42.0		64.5
	2.73	4.10	32.5	22.4	2.54	2.96	3.47	4.41	5.67	8.33	11.4	15.3	20.3	26.3		34.7	48.1		72.9
	0.86	*1.01*	*0.66*	*2.24*	*0.95*	*0.99*	*1.09*	*1.26*	*1.55*	*1.79*	*1.93*	*1.81*	*1.54*	*1.30*		*1.59*	*2.24*		*2.49*
688	03481815	36°25′47″	81°48′39″	ROAN CREEK NEAR MOUNTAIN CITY (1)							70.0	69.9	76	2.095	70	3.33	4	4	03482000
	5.90	9.30	71.4	40.9	6.04	6.53	7.34	9.68	13.3	19.3	25.5	33.8	44.5	58.3		76.9	100		146
	8.36	12.4	92.6	54.2	7.95	9.06	10.4	13.1	16.6	23.2	30.9	41.0	54.3	72.0		95.8	133		204
	9.47	13.9	99.9	71.7	8.82	10.0	11.8	14.9	19.3	27.2	37.5	50.2	66.3	85.1		108	147		217
	0.84	*1.03*	*0.91*	*2.76*	*0.87*	*0.91*	*1.00*	*1.26*	*1.74*	*2.18*	*2.45*	*2.46*	*2.07*	*1.72*		*1.84*	*2.25*		*2.77*
689	03482200	36°23′39″	81°58′03″	DOE CREEK AT DOEVILLE (1)							36.0	36.0	81	2.101	46	2.57	11	14	03478400
	18.7	22.5	62.0	56.8	15.6	16.6	18.7	22.3	25.6	32.3	39.4	46.9	57.6	63.0		68.0	74.0		82.0
	3.05	4.58	35.7	20.0	2.77	3.33	3.91	4.83	6.01	8.43	11.3	15.1	20.1	26.6		37.5	62.1		95.5
	4.38	6.52	49.2	34.3	4.09	4.73	5.53	7.00	9.00	13.1	17.9	23.7	31.4	40.3		52.8	72.6		110
	0.88	*1.04*	*0.76*	*2.35*	*0.90*	*0.93*	*1.03*	*1.24*	*1.56*	*1.80*	*1.96*	*1.91*	*1.69*	*1.49*		*1.77*	*2.03*		*2.58*
690	03484200	36°22′17″	82°09′19″	STONY CREEK AT HUNTER (1)							57.8	58.8	106	2.111	57	2.97	12	16	03485500
	8.60	12.5	72.0	40.0	8.40	9.15	10.3	12.5	15.0	19.8	24.6	30.8	38.0	57.0		84.0	127		177
	9.58	13.0	65.6	43.8	8.84	10.4	11.7	13.5	15.8	20.5	26.0	33.1	41.8	53.6		70.3	98.6		148
	12.1	16.4	83.9	63.8	11.3	12.5	14.2	17.4	21.4	28.8	37.0	46.8	59.0	73.3		92.6	122		181
	0.98	*1.10*	*0.75*	*1.82*	*0.74*	*0.78*	*0.84*	*0.96*	*1.22*	*1.42*	*1.57*	*1.57*	*1.38*	*1.21*		*1.40*	*1.73*		*2.42*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
691	03484420	36°11′43″	82°03′58″	BUCK CREEK AT ROAN MOUNTAIN (1)							13.8	13.7	93	2.160	90	3.86	3	4	03479000
	1.43	2.10	13.9	9.66	1.30	1.47	1.76	2.20	2.90	4.28	5.70	7.15	8.93	11.2		14.0	18.3		50.8
	2.02	2.88	17.9	11.2	1.75	2.10	2.45	2.97	3.65	4.98	6.45	8.37	10.8	14.0		18.0	23.9		36.4
	2.51	3.48	21.1	13.5	2.35	2.57	2.96	3.62	4.50	5.79	7.63	9.91	12.9	16.9		21.8	29.6		43.8
	1.18	*1.22*	*0.43*	*1.29*	*1.07*	*0.93*	*0.99*	*1.03*	*1.07*	*1.10*	*1.09*	*1.06*	*0.92*	*0.74*		*0.72*	*0.74*		*0.88*
692	03484797	36°16′28″	82°10′51″	LITTLE DOE RIVER AT ALLENTOWN (1)							32.6	32.6	100	2.158	83	3.74	3	5	03485500
	9.20	12.9	53.1	40.5	9.14	9.92	11.1	13.4	16.0	20.8	25.7	31.9	39.0	47.3		57.6	71.9		99.9
	5.42	7.54	41.5	27.9	5.24	5.72	6.47	7.81	9.57	12.8	16.3	20.9	26.6	33.7		43.7	56.8		90.1
	6.72	9.12	50.6	34.0	6.28	6.84	7.84	9.55	11.8	15.2	19.8	25.4	32.6	41.8		53.3	71.3		105
	1.87	*1.76*	*0.50*	*1.58*	*1.61*	*1.54*	*1.63*	*1.56*	*1.50*	*1.41*	*1.39*	*1.36*	*1.21*	*0.96*		*0.81*	*0.90*		*1.46*
693	03484911	36°17′15″	82°10′18″	LAUREL FORK CREEK AT HAMPTON (1)							25.5	25.9	77	2.157	81	3.67	7	16	03485500
	2.20	3.70	29.2	19.5	2.14	2.42	2.87	3.77	4.92	7.27	9.95	13.7	18.5	24.6		32.9	45.8		74.7
	2.58	4.22	38.2	21.9	2.41	2.94	3.51	4.46	5.71	8.45	11.7	15.8	21.2	28.4		37.6	50.6		80.8
	3.43	5.05	40.0	24.6	3.23	3.62	4.25	5.36	6.91	9.44	13.0	17.5	23.5	31.3		40.9	56.4		84.5
	0.56	*0.84*	*0.54*	*2.03*	*0.61*	*0.66*	*0.78*	*0.91*	*1.07*	*1.35*	*1.52*	*1.57*	*1.39*	*1.02*		*1.06*	*1.19*		*1.94*
694	03486230	36°19′42″	82°16′15″	BUFFALO CREEK AT RIO VISTA (1)							39.0	39.0	103	2.122	76	2.00	7	10	03485500
	6.27	8.90	50.0	30.0	6.15	6.69	7.52	9.09	10.9	14.3	17.8	22.2	27.3	44.0		60.0	86.0		120
	6.40	9.02	48.3	33.2	6.04	6.79	7.74	9.39	11.5	15.4	19.8	25.3	32.3	41.4		52.4	68.3		104
	7.28	9.65	52.4	37.1	6.73	7.46	8.48	10.1	12.2	15.8	20.5	26.2	33.8	42.7		54.6	73.8		112
	1.01	*1.07*	*0.60*	*1.63*	*0.88*	*0.87*	*0.91*	*0.97*	*1.10*	*1.24*	*1.32*	*1.29*	*1.13*	*0.98*		*1.05*	*1.40*		*2.28*
695	03486313	36°19′08″	82°19′17″	SINKING CREEK AT JOHNSON CITY (1)							10.4	10.4	111	2.155	75	2.97	3	9	03466228
	3.13	3.94	12.7	10.2	2.57	2.84	3.24	3.95	4.66	5.85	6.82	8.07	9.53	11.5		13.6	16.3		19.8
	1.42	2.02	12.4	8.20	1.26	1.48	1.73	2.12	2.57	3.49	4.50	5.84	7.56	9.90		13.0	17.3		26.1
	2.21	2.93	15.2	10.1	2.05	2.24	2.54	3.02	3.65	4.63	5.90	7.46	9.53	12.2		15.8	21.4		31.9
	1.07	*1.09*	*0.41*	*1.21*	*0.84*	*0.72*	*0.77*	*0.80*	*0.85*	*0.93*	*0.97*	*0.96*	*0.88*	*0.75*		*0.61*	*0.61*		*0.75*
696	03486488	36°18′08″	82°22′42″	BRUSH CR, TENNESSEE AVE, JOHNSON CITY (1)							6.78	4.26	64	2.147	96	1.32	3	13	03487550
	0.74	1.09	8.12	4.59	0.52	0.81	1.00	1.17	1.40	1.96	2.65	3.53	4.67	6.11		8.01	11.0		16.8
	0.57	0.81	6.17	3.89	0.51	0.63	0.73	0.83	1.01	1.37	1.86	2.58	3.58	4.58		5.32	6.81		11.5
	0.30	0.46	5.34	2.77	0.28	0.33	0.39	0.48	0.60	0.84	1.21	1.72	2.49	3.48		4.83	7.20		11.6
	1.00	*0.95*	*0.44*	*1.69*	*1.33*	*1.22*	*1.28*	*1.27*	*1.26*	*1.30*	*1.31*	*1.32*	*1.18*	*0.82*		*0.78*	*0.97*		*1.35*
697	03486500	36°19′22″	82°20′59″	BRUSH CREEK AT JOHNSON CITY (1)							10.3	9.90	73	2.153	96	1.33	1	14	03487550
	1.02	1.52	11.5	6.47	0.72	1.13	1.40	1.63	1.95	2.74	3.71	4.96	6.57	8.62		11.3	16.7		25.5
	1.27	1.83	15.3	8.61	1.13	1.36	1.59	1.94	2.40	3.40	4.58	6.19	8.42	11.4		14.5	19.1		29.5
	0.92	1.33	12.7	6.99	0.86	0.98	1.15	1.39	1.72	2.33	3.25	4.50	6.32	8.62		11.7	17.0		27.3
	1.25	*1.41*	*0.52*	*2.22*	*1.50*	*1.29*	*1.41*	*1.55*	*1.69*	*1.80*	*1.79*	*1.71*	*1.42*	*1.06*		*1.04*	*1.28*		*1.79*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
698	03486550	36°22′28″	82°19′00″	WATAUGA R BL BRUSH CR, JOHNSON CITY (1)							796	796	87	2.125	72	3.11	3	4	03486000
	228	287	1137	1035	178	204	233	279	322	416	519	646	787	957		1166	1488		2106
	137	187	1162	792	130	143	161	198	246	338	446	579	746	948		1210	1601		2395
	141	196	1207	909	131	147	170	214	273	377	508	662	856	1074		1331	1733		2574
	1.50	*1.70*	*1.61*	*3.00*	*1.35*	*1.49*	*1.55*	*1.74*	*2.25*	*2.52*	*2.83*	*3.08*	*3.03*	*2.91*		*2.76*	*2.70*		*3.68*
699	03486660	36°21′40″	82°22′53″	KNOB CREEK AT JOHNSON CITY (1)							8.74	8.62	86	2.147	96	1.32	5	18	03487550
	1.60	2.30	12.4	7.95	1.19	1.74	2.10	2.40	2.80	3.77	4.91	6.31	8.07	10.2		12.9	15.8		21.6
	1.45	2.08	12.9	8.38	1.24	1.53	1.79	2.17	2.66	3.66	4.81	6.33	8.29	10.6		13.1	16.6		24.9
	1.06	1.45	10.9	6.42	0.99	1.11	1.28	1.50	1.81	2.35	3.16	4.24	5.78	7.69		10.3	14.7		23.3
	1.28	*1.37*	*0.41*	*1.58*	*1.28*	*1.16*	*1.23*	*1.28*	*1.34*	*1.38*	*1.39*	*1.31*	*1.09*	*0.83*		*0.80*	*0.94*		*1.20*
700	03486860	36°25′45″	82°29′52″	SINKING CREEK NEAR GRAY (1)							9.06	9.17	120	2.142	96	1.32	12	12	03487550
	1.23	1.80	11.1	6.56	0.90	1.34	1.63	1.87	2.21	3.01	3.97	5.15	6.66	8.51		10.9	14.7		22.4
	1.60	2.12	10.7	7.21	1.41	1.63	1.86	2.22	2.61	3.37	4.18	5.28	6.68	8.50		11.1	14.6		21.7
	1.89	2.36	11.6	7.62	1.74	1.90	2.12	2.39	2.74	3.32	4.19	5.29	6.84	8.70		11.3	15.6		24.3
	1.01	*1.06*	*0.41*	*1.22*	*0.75*	*0.62*	*0.67*	*0.71*	*0.80*	*0.91*	*0.96*	*0.94*	*0.86*	*0.75*		*0.62*	*0.66*		*0.81*
701	03487100	36°29′48″	82°30′49″	KENDRICK CREEK NEAR KINGSPORT (1)							20.3	20.7	120	2.139	85	1.26	19	33	03485500
	3.89	5.48	24.5	16.8	3.83	4.16	4.65	5.60	6.68	8.68	10.7	13.3	16.3	19.7		28.0	39.0		62.2
	3.68	4.99	25.5	17.4	3.40	3.81	4.33	5.21	6.18	7.98	9.96	12.6	16.0	20.9		27.2	34.6		50.5
	4.20	5.27	26.1	17.7	3.88	4.25	4.75	5.41	6.25	7.73	9.75	12.3	15.9	20.0		25.9	35.5		55.4
	1.30	*1.29*	*0.45*	*1.27*	*0.87*	*0.82*	*0.88*	*0.91*	*0.98*	*1.06*	*1.11*	*1.05*	*0.93*	*0.82*		*0.76*	*1.02*		*1.25*
702	03487520	36°30′08″	82°33′51″	HORSE CREEK NEAR KINGSPORT (1)							44.5	44.3	82	2.139	30	1.03	18	21	03487550
	1.61	2.42	19.6	10.8	1.13	1.78	2.22	2.60	3.13	4.46	6.10	8.22	11.0	14.6		19.3	72.2		110
	2.45	3.69	29.0	16.1	2.12	2.64	3.17	3.88	4.70	6.47	8.54	11.4	15.3	20.3		30.8	56.6		96.8
	3.66	5.51	54.6	33.3	3.44	4.11	4.79	5.99	7.58	11.7	15.9	21.6	29.6	39.1		54.1	77.5		127
	0.91	*1.09*	*0.61*	*2.30*	*0.86*	*0.88*	*0.98*	*1.17*	*1.48*	*1.74*	*1.87*	*1.87*	*1.58*	*1.36*		*1.33*	*1.30*		*2.25*
703	03487539	36°34′38″	82°21′39″	REEDY CREEK AT MILL POINT (1)							10.5	9.19	120	2.110	65	1.39	12	13	03487550
	1.63	2.41	17.3	9.89	1.17	1.80	2.21	2.57	3.06	4.28	5.76	7.63	10.1	13.1		17.1	17.0		26.0
	1.37	1.86	9.70	6.66	1.16	1.38	1.61	1.95	2.29	2.99	3.78	4.85	6.25	7.96		10.3	13.7		19.8
	1.79	2.30	11.2	7.99	1.65	1.83	2.05	2.36	2.75	3.50	4.40	5.54	7.07	8.84		11.5	15.8		24.4
	0.90	*0.94*	*0.39*	*1.16*	*0.74*	*0.66*	*0.70*	*0.73*	*0.79*	*0.90*	*0.98*	*0.91*	*0.80*	*0.69*		*0.79*	*1.02*		*1.33*
704	03487545	36°34′24″	82°24′44″	BOOZY CREEK NEAR OREBANK (1)							10.8	10.8	89	2.111	65	1.43	4	10	03487550
	1.17	1.74	12.9	7.32	0.84	1.29	1.60	1.86	2.23	3.12	4.22	5.62	7.44	9.73		12.8	17.5		26.7
	1.44	2.02	11.7	7.53	1.21	1.48	1.73	2.10	2.54	3.45	4.48	5.80	7.50	9.54		12.8	18.4		27.4
	1.36	1.90	13.3	8.69	1.26	1.44	1.65	1.98	2.41	3.27	4.37	5.78	7.71	10.0		13.3	18.8		29.4
	0.81	*0.86*	*0.53*	*1.73*	*0.88*	*0.84*	*0.90*	*0.96*	*1.07*	*1.28*	*1.41*	*1.34*	*1.14*	*0.98*		*1.22*	*2.59*		*3.16*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
705	03487560	36°33′06″	82°29′22″	CLARK BRANCH NEAR KINGSPORT (1)							2.46	2.46	73	2.136	37	0.94	8	10	03487550
	0.15	0.22	1.94	1.05	0.10	0.16	0.20	0.24	0.29	0.42	0.58	0.79	1.07	1.43		1.91	3.99		6.09
	0.24	0.36	3.68	1.93	0.24	0.28	0.32	0.39	0.47	0.68	0.93	1.29	1.76	2.34		3.17	4.50		7.48
	0.15	0.24	2.86	1.53	0.15	0.18	0.21	0.26	0.32	0.49	0.68	0.95	1.34	1.84		2.65	4.00		6.62
	1.46	*1.34*	*0.43*	*1.78*	*1.69*	*1.48*	*1.52*	*1.51*	*1.56*	*1.58*	*1.58*	*1.51*	*1.27*	*0.95*		*0.81*	*0.98*		*1.27*
706	03487562	36°32′55″	82°29′40″	REEDY CR AB LESLIE BR NR KINGSPORT (1)							43.2	44.3	98	2.137	46	1.12	2	7	03487550
	4.83	7.10	51.8	29.3	3.34	5.18	6.40	7.45	8.90	12.5	16.9	22.5	29.8	38.9		51.0	70.1		107
	4.69	6.82	43.8	27.3	4.30	5.15	6.00	7.18	8.62	11.6	15.1	19.8	25.8	34.3		47.3	72.2		112
	5.61	7.76	55.2	36.0	5.23	6.02	6.87	8.25	10.0	14.1	18.5	24.2	32.1	41.3		55.2	77.1		123
	0.89	*1.01*	*0.62*	*1.83*	*0.72*	*0.74*	*0.81*	*0.93*	*1.11*	*1.29*	*1.43*	*1.49*	*1.37*	*1.10*		*1.10*	*1.12*		*1.89*
707	03487600	36°33′27″	82°33′35″	REEDY CREEK AT KINGSPORT (1)							57.2	58.0	94	2.136	47	1.09	12	16	03487550
	6.27	9.20	68.6	38.8	4.43	6.85	8.48	9.86	11.8	16.5	22.4	29.8	39.4	51.5		67.6	92.8		142
	6.15	8.98	58.9	37.0	5.60	6.68	7.81	9.48	11.5	15.7	20.5	26.8	34.9	46.1		61.5	91.0		145
	6.95	9.69	72.2	46.8	6.48	7.49	8.57	10.3	12.6	17.9	23.7	31.2	41.7	53.8		71.9	101		161
	0.90	*1.04*	*0.65*	*2.12*	*0.77*	*0.80*	*0.86*	*0.98*	*1.20*	*1.38*	*1.55*	*1.66*	*1.57*	*1.47*		*1.23*	*1.44*		*2.46*
708	03490300	36°31′18″	82°42′55″	ALEXANDER CREEK AT CHURCH HILL (1)							9.22	8.82	76	2.138	77	1.16	11	17	03487550
	1.64	2.50	16.5	9.73	1.18	1.80	2.22	2.57	3.06	4.25	5.70	7.53	9.88	12.8		16.7	18.8		22.8
	1.10	1.60	12.1	7.11	0.97	1.18	1.38	1.68	2.08	2.92	3.91	5.26	7.04	9.22		12.0	16.4		25.3
	0.81	1.17	10.8	6.18	0.75	0.87	1.02	1.22	1.51	2.08	2.87	3.95	5.50	7.42		10.1	14.7		23.7
	1.50	*1.71*	*0.51*	*2.17*	*1.66*	*1.49*	*1.63*	*1.80*	*1.95*	*2.01*	*1.95*	*1.81*	*1.47*	*1.10*		*1.06*	*1.32*		*1.78*
709	03490530	36°27′20″	82°51′39″	FORGEY CREEK NEAR SURGOINSVILLE (1)							4.59	4.60	70	2.141	78	1.18	4	7	03491000
	0.70	1.04	9.10	6.07	0.69	0.80	0.92	1.15	1.44	2.04	2.86	4.20	6.19	7.30		8.60	10.1		12.3
	0.48	0.71	6.26	3.59	0.43	0.55	0.65	0.76	0.92	1.28	1.74	2.41	3.35	4.36		5.37	7.36		12.2
	0.36	0.53	5.63	3.05	0.33	0.39	0.46	0.56	0.69	0.97	1.37	1.91	2.71	3.73		5.17	7.66		12.4
	1.45	*1.35*	*0.44*	*1.90*	*1.73*	*1.59*	*1.64*	*1.58*	*1.52*	*1.48*	*1.49*	*1.45*	*1.27*	*0.87*		*0.83*	*1.02*		*1.32*
710	03491493	36°20′49″	82°57′07″	DODSON CREEK NEAR ROGERSVILLE (1)							7.46	7.16	65	2.189	25	1.32	5	12	03491000
	0.26	0.40	8.10	2.63	0.26	0.30	0.35	0.44	0.57	0.82	1.18	1.78	2.69	4.01		6.70	11.9		20.1
	0.41	0.63	10.3	4.60	0.41	0.46	0.53	0.68	0.88	1.34	1.94	2.78	3.99	6.16		9.49	14.5		24.4
	0.35	0.59	9.50	4.59	0.33	0.41	0.49	0.64	0.86	1.41	2.03	2.90	4.22	5.98		8.83	13.3		22.2
	1.09	*1.08*	*0.80*	*2.00*	*1.48*	*1.22*	*1.25*	*1.27*	*1.30*	*1.37*	*1.40*	*1.49*	*1.48*	*1.13*		*1.02*	*1.09*		*1.58*
711	03491800	36°23′24″	83°12′59″	POOR VALLEY CR NR SCHOOL NR MOORESBURG (1)							32.3	32.6	50	2.194	45	2.12	9	11	03491000
	0.61	1.15	39.8	16.7	0.60	0.75	0.94	1.31	1.86	3.16	5.29	9.52	16.2	23.8		34.5	51.3		86.7
	1.33	2.18	41.3	16.5	1.30	1.52	1.81	2.34	3.08	4.73	6.81	9.91	15.4	24.3		37.5	60.5		107
	1.22	2.21	48.0	22.1	1.18	1.45	1.80	2.48	3.50	5.86	9.11	13.8	20.9	30.7		44.3	66.7		109
	0.58	*0.83*	*0.67*	*1.86*	*0.70*	*0.77*	*0.91*	*1.03*	*1.15*	*1.33*	*1.38*	*1.32*	*1.31*	*1.16*		*1.33*	*1.95*		*2.89*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
712	03491900	36°15′28″	83°11′41″	FALL CREEK AT RUSSELLVILLE (1)	2.60	2.60	111	2.197	74	1.17	6	10	03467000
	0.59	0.82	4.45	3.25 0.57 0.66 0.76 0.88 1.02 1.32	1.74	2.42	2.83	3.30		3.95	4.70		6.36
	0.41	0.59	3.76	2.06 0.42 0.46 0.50 0.57 0.67 0.91	1.19	1.56	2.03	2.55		3.25	4.32		7.15
	0.38	0.51	3.37	1.84 0.36 0.40 0.45 0.52 0.60 0.76	0.97	1.25	1.68	2.24		3.08	4.44		7.15
	0.92	*1.02*	*0.94*	*2.13 0.85 0.63 0.65 0.66 0.78 1.02*	*1.16*	*1.28*	*1.45*	*1.49*		*1.22*	*0.89*		*1.06*
713	03491995	36°15′03″	83°16′13″	SPRING CREEK NEAR LAKEMORE (1)	7.51	7.35	84	2.198	78	1.66	6	25	03491000
	0.67	1.02	12.3	5.77 0.66 0.77 0.89 1.10 1.38 1.95	2.73	4.00	5.89	8.53		11.1	14.5		20.2
	0.74	1.09	10.2	5.67 0.71 0.82 0.95 1.15 1.42 2.04	2.77	3.77	5.19	7.13		9.69	13.7		22.3
	0.82	1.16	10.2	5.41 0.77 0.87 1.01 1.22 1.50 2.00	2.71	3.66	5.05	6.90		9.48	13.7		21.8
	1.24	*1.20*	*0.72*	*2.02 1.22 0.95 0.97 1.00 1.10 1.23*	*1.30*	*1.39*	*1.40*	*1.22*		*0.95*	*0.80*		*1.01*
714	03492005	36°12′35″	83°17′48″	TURKEY CR BL W FK TURKEY CR, MORRISTOWN (1)	3.13	3.07	89	2.199	40	1.21	2	4	03467000
	0.42	0.57	3.55	2.50 0.41 0.47 0.54 0.61 0.71 0.91	1.19	1.63	2.10	2.55		3.00	3.74		7.65
	0.42	0.59	4.70	2.74 0.40 0.46 0.52 0.63 0.76 1.06	1.42	1.89	2.53	3.32		4.34	5.87		9.40
	0.28	0.41	4.02	2.06 0.26 0.30 0.35 0.43 0.53 0.76	1.01	1.36	1.89	2.59		3.70	5.46		8.95
	1.34	*1.26*	*0.99*	*2.22 1.41 1.09 1.11 1.13 1.23 1.34*	*1.41*	*1.53*	*1.59*	*1.61*		*1.28*	*1.11*		*1.44*
715	03492008	36°14′46″	83°17′32″	TURKEY CREEK NEAR MORRISTOWN (1)	15.5	15.9	89	2.198	69	1.55	2	7	03467000
	1.30	1.90	18.3	11.1 1.25 1.45 1.71 1.99 2.35 3.10	4.19	6.01	8.64	11.2		15.0	18.5		37.9
	1.68	2.43	20.8	12.0 1.59 1.78 2.05 2.53 3.18 4.50	6.00	7.97	11.0	15.3		20.5	28.1		46.0
	1.89	2.66	22.1	12.1 1.78 2.01 2.32 2.79 3.43 4.62	6.19	8.26	11.3	15.2		20.8	29.6		47.2
	1.15	*1.12*	*0.49*	*1.54 1.10 0.95 0.99 0.97 0.97 1.00*	*1.02*	*1.06*	*1.06*	*0.89*		*0.76*	*0.69*		*0.88*
716	03494528	36°12′09″	83°33′21″	BUFFALO CREEK NEAR TAMPICO (1)	18.2	18.0	118	2.201	85	1.76	2	12	03528400
	3.48	4.30	23.0	11.2 3.42 3.72 4.01 4.48 4.95 5.66	6.78	8.25	10.3	13.3		17.8	28.6		54.1
	3.09	4.17	26.2	16.6 2.99 3.28 3.68 4.41 5.32 7.11	9.13	11.9	15.7	20.4		26.0	33.8		53.0
	3.60	4.62	25.7	15.4 3.36 3.65 4.10 4.75 5.60 6.92	8.76	11.1	14.5	18.9		24.9	34.2		53.3
	1.43	*1.44*	*0.58*	*1.27 1.00 0.85 0.90 0.90 0.94 0.97*	*1.00*	*1.03*	*1.00*	*0.91*		*0.75*	*0.67*		*0.95*
717	03494695	36°06′04″	83°33′09″	LOST CREEK AT NEW MARKET (1)	7.91	7.50	80	2.206	83	1.15	4	4	03470000
	0.94	1.75	12.8	8.65 0.91 1.03 1.25 1.73 2.26 3.38	4.59	5.96	7.64	9.70		12.5	16.9		26.1
	0.69	1.02	10.5	5.70 0.67 0.78 0.89 1.07 1.32 1.92	2.63	3.64	5.19	7.29		9.94	14.3		23.0
	0.70	1.00	9.93	4.96 0.66 0.75 0.87 1.04 1.28 1.71	2.35	3.23	4.56	6.32		8.81	12.9		21.2
	1.33	*1.30*	*0.86*	*2.04 1.30 1.04 1.06 1.10 1.21 1.34*	*1.40*	*1.47*	*1.57*	*1.37*		*1.10*	*0.90*		*1.06*
718	03494740	36°17′29″	83°28′57″	RICHLAND CREEK ABOVE RUTLEDGE (1)	6.68	6.79	51	2.197	36	1.57	9	12	03535000
	0.17	0.28	7.20	2.29 0.18 0.21 0.24 0.29 0.36 0.57	0.84	1.27	1.96	3.03		4.57	11.4		19.1
	0.37	0.56	9.63	4.06 0.36 0.41 0.48 0.59 0.76 1.11	1.60	2.35	3.47	5.40		8.20	13.0		22.8
	0.22	0.40	9.35	4.03 0.21 0.26 0.33 0.44 0.62 1.05	1.61	2.45	3.75	5.58		8.34	12.9		21.6
	0.84	*0.92*	*1.38*	*2.39 1.18 1.11 1.20 1.37 1.53 1.78*	*1.84*	*1.87*	*1.77*	*1.53*		*1.69*	*2.68*		*3.88*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
719	03494750	36°16′25″	83°31′47″	RICHLAND CREEK NEAR RUTLEDGE (1)							19.9	20.0	53	2.198	37	1.58	3	5	03535000
	0.98	1.50	22.5	8.64	1.01	1.15	1.29	1.53	1.82	2.70	3.74	5.27	7.57	10.9		15.4	33.3		55.8
	0.82	1.23	23.4	8.91	0.82	0.93	1.06	1.32	1.66	2.45	3.47	4.99	8.00	13.0		20.4	35.2		63.6
	0.75	1.33	28.0	12.7	0.72	0.89	1.09	1.48	2.05	3.44	5.25	7.87	11.9	17.4		25.5	38.8		64.4
	0.52	*0.72*	*0.63*	*1.93*	*0.78*	*0.80*	*0.91*	*1.02*	*1.16*	*1.41*	*1.50*	*1.48*	*1.35*	*1.03*		*1.19*	*1.84*		*2.84*
720	03494800	36°09′39″	83°40′43″	RICHLAND CREEK NEAR BLAINE (1)							58.8	59.0	53	2.225	38	1.46	11	14	03535000
	1.57	2.30	68.0	14.2	1.63	1.85	2.07	2.46	2.94	4.37	6.08	8.61	12.4	17.9		44.5	99.9		167
	1.62	2.77	77.6	31.7	1.61	1.90	2.29	3.12	4.32	7.04	10.9	17.4	28.1	44.0		69.4	114		207
	2.18	3.85	85.5	37.6	2.11	2.60	3.20	4.34	6.04	10.1	15.6	23.4	35.5	52.3		76.6	116		195
	0.42	*0.53*	*0.68*	*2.40*	*0.40*	*0.41*	*0.44*	*0.50*	*0.59*	*0.73*	*0.86*	*0.93*	*1.52*	*1.31*		*1.53*	*2.61*		*3.62*
721	03494955	36°02′48″	83°42′44″	CLIFT CREEK NEAR TRENTVILLE (1)							3.62	3.73	80	2.233	69	1.06	4	4	03535000
	0.61	0.82	5.24	3.02	0.63	0.69	0.75	0.85	0.96	1.28	1.63	2.10	2.74	3.58		4.60	6.03		10.4
	0.40	0.56	5.74	3.01	0.40	0.45	0.50	0.59	0.71	1.01	1.38	1.91	2.68	3.69		4.96	7.05		11.6
	0.31	0.45	4.97	2.28	0.29	0.33	0.39	0.46	0.57	0.78	1.07	1.48	2.11	2.99		4.29	6.43		10.7
	2.10	*1.85*	*1.63*	*2.84*	*2.31*	*1.79*	*1.82*	*1.86*	*2.00*	*2.11*	*2.17*	*2.34*	*2.48*	*2.33*		*2.09*	*1.72*		*1.92*
722	03494990	36°11′45″	83°44′44″	FLAT CK AT LUTTRELL (1)							22.4	22.7	58	2.224	60	1.36	3	8	03535000
	2.13	3.10	34.0	18.3	2.19	2.49	2.78	3.29	3.92	5.78	7.99	11.2	16.1	23.1		30.0	38.3		64.1
	1.39	2.10	32.5	14.4	1.37	1.58	1.83	2.26	2.87	4.33	6.20	8.95	13.2	19.3		28.0	43.2		74.2
	1.11	1.83	32.0	14.2	1.07	1.28	1.54	2.00	2.66	4.07	6.06	8.92	13.4	19.5		28.1	42.3		70.7
	0.45	*0.62*	*0.61*	*1.76*	*0.64*	*0.65*	*0.73*	*0.81*	*0.97*	*1.27*	*1.40*	*1.42*	*1.28*	*1.06*		*1.26*	*2.10*		*3.43*
723	03495000	36°06′51″	83°43′56″	BIG FLAT CREEK NEAR SKAGGSTON (1)							61.4	62.2	62	2.229	45	1.24	8	9	03535000
	3.48	5.10	80.0	31.2	3.59	4.08	4.57	5.42	6.48	9.62	13.4	19.0	27.3	39.4		62.5	105		176
	3.40	5.15	88.6	39.3	3.35	3.79	4.39	5.55	7.14	10.8	15.6	23.1	36.6	53.5		78.8	121		211
	3.26	5.32	88.2	40.9	3.13	3.77	4.52	5.87	7.82	12.3	18.0	26.0	38.4	55.0		79.1	117		197
	0.43	*0.52*	*0.65*	*2.26*	*0.50*	*0.50*	*0.54*	*0.60*	*0.70*	*0.83*	*0.91*	*0.93*	*1.62*	*1.25*		*1.43*	*2.14*		*3.30*
724	03495400	36°04′43″	83°46′14″	ROSEBERRY CREEK AT SHIPETOWN (1)							12.2	12.2	73	2.232	40	1.42	3	9	03538225
	0.79	1.20	25.8	14.1	0.84	0.95	1.08	1.34	1.82	2.96	4.70	7.21	11.1	16.1		22.2	30.0		50.3
	1.05	1.57	19.5	9.44	1.03	1.16	1.33	1.68	2.14	3.19	4.49	6.22	8.86	12.9		18.5	26.5		43.9
	0.83	1.30	17.3	8.16	0.79	0.94	1.11	1.40	1.82	2.74	3.84	5.37	7.69	10.9		15.7	23.3		38.5
	1.03	*1.06*	*0.83*	*1.96*	*1.18*	*1.00*	*1.03*	*1.07*	*1.17*	*1.34*	*1.39*	*1.41*	*1.51*	*1.33*		*1.38*	*1.47*		*1.59*
725	03495550	36°00′31″	83°50′20″	LOVE CREEK AT KNOXVILLE (1)							8.28	8.41	119	2.237	51	1.70	3	9	03461200
	1.31	2.17	18.0	12.0	1.35	1.51	1.80	2.41	3.22	4.97	6.84	8.53	10.4	15.3		21.5	30.8		44.8
	1.43	2.04	15.1	9.29	1.42	1.55	1.76	2.18	2.70	3.82	5.14	6.87	8.96	11.6		14.7	19.0		29.3
	1.36	1.84	12.3	6.71	1.29	1.43	1.61	1.91	2.28	2.99	3.78	4.83	6.38	8.50		11.7	16.4		26.1
	0.85	*0.88*	*0.79*	*1.57*	*0.67*	*0.53*	*0.56*	*0.58*	*0.65*	*0.79*	*0.89*	*0.98*	*1.08*	*1.22*		*1.08*	*0.89*		*1.00*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
726	03497014	35°59′29″	83°57′04″	SECOND CR AT HEISKEL ST AT KNOXVILLE (1)							3.49	3.80	120	2.239	79	1.66	7	8	03496000
	0.77	0.94	5.80	3.05	0.81	0.83	0.86	0.97	1.12	1.46	1.92	2.56	3.66	5.00		5.80	6.89		10.6
	0.54	0.76	5.77	3.02	0.55	0.60	0.66	0.77	0.93	1.25	1.63	2.16	2.95	3.95		5.25	7.20		11.5
	0.68	0.88	5.50	2.91	0.64	0.69	0.78	0.90	1.05	1.29	1.63	2.08	2.76	3.71		5.06	7.16		11.4
	0.80	*0.82*	*1.17*	*1.90*	*0.77*	*0.57*	*0.59*	*0.59*	*0.69*	*0.81*	*0.86*	*0.97*	*1.37*	*1.79*		*1.65*	*1.27*		*1.51*
727	03497020	35°57′24″	83°55′21″	SECOND CR AT NEYLAND AVE AT KNOXVILLE (1)							7.11	7.02	123	2.240	66	1.68	2	10	03535000
	1.17	1.70	14.5	9.07	1.21	1.36	1.51	1.78	2.10	3.03	4.12	5.70	8.02	11.3		13.0	16.0		20.3
	1.24	1.77	13.1	7.86	1.24	1.36	1.53	1.87	2.31	3.25	4.35	5.79	7.64	10.1		13.0	17.0		25.7
	1.26	1.66	10.3	5.57	1.19	1.30	1.46	1.70	2.00	2.52	3.17	4.02	5.30	7.06		9.62	13.5		21.4
	0.84	*0.82*	*1.05*	*1.62*	*0.66*	*0.51*	*0.53*	*0.54*	*0.60*	*0.72*	*0.84*	*0.97*	*1.15*	*1.36*		*1.22*	*1.02*		*1.26*
728	03497064	35°57′28″	83°58′17″	THIRD CR AT PAPERMILL RD AT KNOXVILLE (1)							11.1	11.4	122	2.241	88	1.67	7	9	03496000
	3.05	3.70	19.0	13.1	3.22	3.29	3.44	3.89	4.54	6.01	8.06	10.9	15.9	16.0		19.0	21.9		33.7
	1.82	2.47	18.9	10.6	1.84	1.98	2.20	2.61	3.17	4.33	5.72	7.63	10.3	13.8		18.2	24.4		37.8
	2.23	2.85	16.8	9.18	2.09	2.26	2.53	2.91	3.41	4.15	5.23	6.64	8.75	11.6		15.6	21.7		34.3
	0.78	*0.79*	*0.75*	*1.26*	*0.65*	*0.52*	*0.54*	*0.54*	*0.60*	*0.70*	*0.79*	*0.87*	*0.93*	*1.00*		*0.91*	*0.84*		*1.03*
729	03497077	35°57′15″	83°56′41″	THIRD CR AT TYSON PARK AT KNOXVILLE (1)							16.5	16.6	125	2.241	73	1.59	6	8	03496000
	3.36	4.00	24.7	12.3	3.52	3.58	3.73	4.16	4.78	6.13	7.97	10.4	14.6	19.0		24.7	32.6		50.0
	3.37	4.66	30.6	19.4	3.33	3.64	4.12	5.01	6.16	8.40	11.0	14.4	18.8	24.0		30.3	38.4		58.5
	3.20	4.12	24.5	13.6	3.02	3.28	3.67	4.24	4.98	6.21	7.79	9.86	12.9	17.1		23.0	31.9		50.6
	0.96	*0.97*	*0.76*	*1.36*	*0.73*	*0.61*	*0.63*	*0.63*	*0.69*	*0.80*	*0.90*	*1.00*	*1.03*	*1.07*		*0.96*	*0.97*		*1.25*
730	03497108	35°55′23″	83°59′46″	FOURTH CREEK AT BEARDEN (1)							6.46	6.54	137	2.243	76	1.56	5	7	03496000
	2.25	2.75	11.3	8.10	2.38	2.43	2.55	2.90	3.40	4.56	6.20	8.50	8.70	9.80		11.3	12.8		19.6
	1.34	1.88	12.7	7.75	1.33	1.46	1.64	2.00	2.45	3.39	4.47	5.87	7.62	9.86		12.6	16.5		24.7
	1.39	1.74	9.48	5.23	1.30	1.40	1.56	1.77	2.04	2.47	3.05	3.81	4.96	6.54		8.84	12.3		19.5
	0.87	*0.79*	*1.13*	*1.32*	*0.65*	*0.49*	*0.49*	*0.48*	*0.52*	*0.61*	*0.71*	*0.84*	*1.02*	*1.29*		*1.31*	*1.21*		*1.44*
731	03497113	35°54′04″	83°56′16″	KNOB CREEK NEAR KNOXVILLE (1)							6.36	5.74	80	2.243	23	1.09	4	4	03496000
	0.97	1.20	8.91	3.98	1.06	1.08	1.13	1.27	1.47	1.91	2.52	3.34	4.78	6.52		8.91	12.6		19.3
	0.56	0.88	10.1	5.51	0.55	0.62	0.73	0.94	1.22	1.85	2.62	3.59	4.88	6.93		9.73	13.2		20.9
	0.35	0.56	7.82	3.57	0.34	0.41	0.48	0.61	0.78	1.23	1.68	2.33	3.33	4.72		7.05	10.6		18.0
	2.04	*1.67*	*1.40*	*2.62*	*2.04*	*1.61*	*1.59*	*1.52*	*1.58*	*1.66*	*1.73*	*1.93*	*2.20*	*2.13*		*1.86*	*1.49*		*1.78*
732	03497200	35°39′39″	83°42′25″	LITTLE RIVER NEAR TOWNSEND (1)							60.1	60.2	139	2.257	10	9.29	13	16	03498500
	12.9	18.0	121	72.2	12.2	13.3	14.9	19.0	24.1	34.1	44.5	56.6	71.3	89.7		119	153		233
	15.5	23.3	133	95.7	14.5	16.3	19.1	25.2	32.7	47.9	64.2	81.0	96.9	115		140	180		255
	12.9	19.8	123	79.6	12.5	14.0	16.2	21.9	29.2	46.3	56.6	68.4	83.7	107		145	188		272
	1.27	*1.34*	*0.85*	*1.35*	*0.73*	*0.70*	*0.77*	*0.80*	*0.87*	*0.84*	*0.83*	*0.91*	*1.02*	*1.06*		*1.01*	*1.00*		*1.36*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
733	03497290	35°39′34″	83°42′30″	M PRONG LITTLE R AT MOUTH NR TOWNSEND (1)							45.9	45.7	120	2.258	10	9.41	4	6	03497300
	12.7	18.0	123	84.9	12.0	13.4	15.5	20.0	26.1	38.2	51.5	66.7	84.0	105		129	168		242
	9.76	14.8	90.9	63.8	9.23	10.3	12.1	16.1	20.8	30.8	41.4	53.6	63.7	75.6		91.7	117		169
	7.93	12.6	93.1	57.5	7.71	8.77	10.3	14.1	19.1	31.1	39.1	48.3	60.4	78.7		108	142		208
	1.09	*1.11*	*1.38*	*1.64*	*0.93*	*0.82*	*0.85*	*0.84*	*0.89*	*0.97*	*1.01*	*1.19*	*1.32*	*1.43*		*1.53*	*1.64*		*2.51*
734	03498715	35°48′48″	83°53′00″	NAILS CREEK NEAR WILDWOOD (1)							17.9	14.1	107	2.246	58	1.98	4	4	03498500
	4.53	6.40	39.5	26.1	4.28	4.69	5.24	6.74	8.56	12.2	16.0	20.4	25.8	32.0		39.0	45.5		69.4
	2.15	3.18	23.7	14.9	2.13	2.34	2.70	3.41	4.30	6.11	8.18	10.8	14.0	18.4		23.9	30.8		47.5
	2.13	2.93	21.5	11.4	2.02	2.24	2.55	3.06	3.73	4.93	6.36	8.24	11.0	14.8		20.3	28.5		45.1
	0.98	*1.02*	*0.85*	*1.69*	*0.87*	*0.73*	*0.76*	*0.78*	*0.86*	*0.97*	*1.06*	*1.18*	*1.17*	*1.24*		*1.10*	*1.02*		*1.24*
735	03499000	35°45′26″	83°58′24″	PISTOL CREEK AT MARYVILLE (1)							13.5	13.4	120	2.248	86	1.21	5	20	03498000
	3.67	5.15	34.0	24.1	3.53	3.89	4.48	5.73	7.26	10.3	13.5	17.6	22.9	29.7		35.0	41.5		54.3
	2.08	2.87	22.4	12.8	2.11	2.28	2.54	3.06	3.76	5.19	6.90	9.20	12.5	16.6		21.8	28.9		45.0
	2.33	2.98	19.0	10.0	2.20	2.39	2.68	3.06	3.55	4.36	5.52	7.07	9.46	12.6		17.2	24.2		39.2
	0.90	*0.96*	*0.89*	*1.48*	*0.71*	*0.59*	*0.62*	*0.65*	*0.73*	*0.87*	*0.97*	*1.06*	*1.09*	*1.21*		*1.14*	*1.13*		*1.29*
736	03499053	35°46′41″	83°59′46″	CULTON CREEK AT ALCOA (1)							11.8	12.0	123	2.247	63	1.06	6	10	03498500
	2.29	3.20	22.7	13.9	2.14	2.35	2.64	3.42	4.39	6.32	8.38	10.8	13.8	17.5		22.5	30.0		45.8
	2.32	3.28	22.6	14.0	2.31	2.52	2.84	3.50	4.34	6.03	7.97	10.5	13.7	17.6		22.4	28.8		43.8
	1.91	2.48	16.6	8.74	1.80	1.99	2.22	2.55	2.98	3.78	4.77	6.11	8.17	10.9		15.1	21.4		35.0
	0.97	*0.89*	*1.01*	*1.43*	*0.83*	*0.66*	*0.66*	*0.63*	*0.66*	*0.74*	*0.84*	*0.97*	*1.07*	*1.26*		*1.27*	*1.28*		*1.51*
737	03499055	35°46′54″	83°59′04″	PISTOL CREEK AT HWY 73 AT ALCOA (1)							30.6	30.0	122	2.247	72	1.12	5	13	03498000
	7.23	10.0	66.0	50.0	7.05	7.79	8.97	11.5	14.6	20.8	27.4	35.8	46.8	57.0		68.5	81.9		123
	7.05	9.57	59.8	38.3	6.95	7.56	8.51	10.3	12.6	16.8	21.7	28.7	37.7	47.3		58.9	74.3		116
	5.12	6.57	42.3	23.0	4.83	5.30	5.92	6.81	7.95	10.0	12.7	16.2	21.6	28.6		38.8	54.3		88.3
	1.11	*1.02*	*0.82*	*1.27*	*0.95*	*0.78*	*0.78*	*0.72*	*0.73*	*0.77*	*0.82*	*0.96*	*0.97*	*0.98*		*0.97*	*1.03*		*1.67*
738	03499062	35°47′50″	83°57′47″	PISTOL CREEK AB WWTP BL ALCOA (1)							32.0	31.7	122	2.247	71	1.11	2	6	03498000
	8.78	12.0	71.0	53.0	8.47	9.32	10.7	13.6	17.1	24.1	31.4	40.7	52.7	61.0		73.0	85.7		129
	7.54	10.2	62.3	40.3	7.37	8.01	9.05	11.0	13.4	17.9	23.1	30.3	39.5	49.6		61.8	78.0		121
	5.39	6.91	44.6	24.3	5.08	5.57	6.23	7.17	8.38	10.6	13.4	17.1	22.8	30.2		40.9	57.2		93.1
	1.26	*1.17*	*0.90*	*1.39*	*1.05*	*0.87*	*0.88*	*0.82*	*0.83*	*0.87*	*0.92*	*1.06*	*1.07*	*1.08*		*1.08*	*1.14*		*1.82*
739	03499072	35°48′08″	83°57′08″	PISTOL CREEK NEAR ALCOA (1)							38.4	37.8	122	2.247	70	1.11	4	8	03498000
	12.0	16.8	93.0	77.0	11.6	12.8	14.7	18.9	24.0	34.1	44.9	58.8	76.7	85.0		95.0	103		155
	9.06	12.4	76.0	48.5	8.82	9.61	10.9	13.3	16.2	21.7	28.0	36.6	48.1	60.8		76.5	97.8		149
	6.45	8.27	53.4	29.2	6.08	6.68	7.47	8.60	10.1	12.7	16.1	20.6	27.4	36.3		49.1	68.6		112
	1.15	*1.11*	*0.92*	*1.35*	*0.91*	*0.77*	*0.79*	*0.76*	*0.79*	*0.86*	*0.92*	*1.07*	*1.10*	*1.10*		*1.13*	*1.19*		*1.75*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
740	03499200	35°54′01″	84°04′25″	TEN MILE CREEK NEAR EBENEZER (1)							13.2	16.4	131	2.245	99	1.68	9	22	03498000
	3.63	5.17	30.0	24.0	3.50	3.86	4.45	5.71	7.27	10.3	13.6	17.8	23.2	26.8		31.2	35.3		53.1
	3.44	4.68	30.2	18.7	3.41	3.76	4.22	5.02	6.09	8.09	10.4	13.6	18.1	23.4		29.7	37.9		57.9
	3.70	4.59	24.4	13.7	3.47	3.70	4.12	4.68	5.42	6.42	7.99	10.0	13.1	17.2		22.8	31.4		49.3
	1.02	*1.01*	*0.76*	*1.32*	*0.71*	*0.64*	*0.67*	*0.64*	*0.67*	*0.77*	*0.86*	*0.97*	*1.02*	*1.08*		*1.00*	*1.02*		*1.29*
741	03499290	35°54′05″	84°08′30″	TURKEY CREEK NEAR LOVELL (1)							5.00	4.83	120	2.246	88	1.69	4	4	03496000
	0.82	1.00	7.01	3.13	0.83	0.85	0.89	1.00	1.15	1.50	1.98	2.63	3.76	5.13		7.01	9.87		15.2
	0.70	0.98	7.60	4.08	0.71	0.77	0.85	1.00	1.22	1.66	2.19	2.91	3.97	5.35		7.09	9.63		15.0
	0.89	1.15	7.08	3.73	0.84	0.91	1.02	1.17	1.37	1.66	2.10	2.68	3.55	4.77		6.49	9.15		14.5
	0.80	*0.81*	*1.11*	*1.78*	*0.70*	*0.53*	*0.55*	*0.55*	*0.64*	*0.76*	*0.82*	*0.92*	*1.28*	*1.70*		*1.63*	*1.26*		*1.44*
742	03499300	35°52′28″	84°08′51″	TURKEY CREEK AT CONCORD (1)							11.2	11.2	120	2.247	87	1.57	6	7	03496000
	1.81	2.22	15.7	7.01	1.87	1.90	1.99	2.23	2.58	3.36	4.43	5.89	8.42	11.5		15.7	22.1		34.0
	1.72	2.36	18.3	10.4	1.74	1.88	2.09	2.50	3.06	4.22	5.61	7.48	10.1	13.5		17.8	23.9		37.3
	2.09	2.69	16.5	8.86	1.97	2.13	2.39	2.75	3.22	3.94	4.98	6.36	8.44	11.3		15.2	21.3		33.8
	0.86	*0.88*	*0.87*	*1.46*	*0.70*	*0.58*	*0.60*	*0.62*	*0.68*	*0.80*	*0.89*	*0.98*	*1.03*	*1.15*		*1.05*	*0.97*		*1.19*
743	03499412	35°45′49″	84°08′27″	GALLAGHER CREEK NEAR FRIENDSVILLE (1)							10.5	11.8	108	2.249	53	1.20	9	9	03498500
	2.00	2.82	20.2	12.4	1.90	2.09	2.35	3.04	3.90	5.62	7.46	9.60	12.3	15.6		20.1	26.7		40.7
	1.80	2.64	20.0	12.3	1.79	1.96	2.25	2.81	3.53	5.04	6.78	8.98	11.7	15.3		19.9	25.7		39.7
	1.52	2.08	16.6	8.45	1.44	1.62	1.84	2.17	2.60	3.47	4.49	5.86	7.96	10.8		15.1	21.6		35.5
	0.90	*0.93*	*0.93*	*1.76*	*0.82*	*0.68*	*0.72*	*0.74*	*0.82*	*0.95*	*1.04*	*1.17*	*1.23*	*1.33*		*1.19*	*1.06*		*1.26*
744	03499620	35°47′35″	84°15′44″	TOWN CREEK AT LENOIR CITY (1)							9.62	9.55	120	2.251	83	1.68	9	14	03543500
	1.99	2.65	18.9	11.0	2.01	2.13	2.38	2.81	3.36	4.32	5.57	7.64	10.6	12.8		15.3	19.7		34.1
	1.50	2.12	16.6	9.66	1.52	1.65	1.85	2.24	2.78	3.92	5.27	7.05	9.52	12.7		16.6	21.8		33.1
	1.77	2.29	14.2	7.56	1.67	1.80	2.03	2.34	2.75	3.39	4.28	5.46	7.23	9.69		13.1	18.4		29.1
	0.84	*0.84*	*1.05*	*1.51*	*0.69*	*0.55*	*0.57*	*0.58*	*0.64*	*0.76*	*0.87*	*1.01*	*1.15*	*1.40*		*1.32*	*1.18*		*1.34*
745	03518130	35°36′33″	83°56′06″	ABRAMS CREEK NEAR CHILHOWEE (1)							60.3	60.8	93	2.251	39	7.40	5	7	03497300
	12.5	18.1	140	84.0	11.8	13.1	15.2	19.7	25.8	37.8	51.1	66.3	83.7	111		152	221		318
	8.56	12.4	108	62.4	8.31	9.24	10.6	13.3	16.5	23.6	31.9	43.4	58.3	77.8		103	138		219
	10.0	15.2	119	68.3	9.63	10.7	12.5	16.5	22.0	31.6	41.9	54.2	70.8	94.9		127	169		248
	1.20	*1.27*	*1.85*	*2.90*	*1.13*	*1.07*	*1.16*	*1.19*	*1.26*	*1.46*	*1.64*	*1.87*	*1.91*	*2.01*		*2.03*	*2.00*		*3.12*
746	03518410	35°31′54″	84°06′12″	CITICO CREEK NEAR CITICO BEACH (1)							67.1	67.6	110	2.293	41	5.35	6	9	03518500
	6.43	11.0	136	76.1	6.06	6.95	8.56	11.9	17.0	26.9	39.2	56.1	78.9	108		148	220		320
	13.6	18.3	130	69.2	13.2	14.4	16.2	19.5	23.7	31.3	40.1	52.7	69.9	93.1		125	170		267
	12.8	18.3	131	71.7	12.3	13.4	15.5	19.7	25.4	35.1	45.1	57.3	74.6	100		135	180		271
	0.86	*0.83*	*1.81*	*1.53*	*0.95*	*0.87*	*0.88*	*0.84*	*0.87*	*0.93*	*0.97*	*1.08*	*1.13*	*1.33*		*1.61*	*1.95*		*3.40*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
747	03518451	35°38′23″	84°02′18″	NINEMILE CREEK NEAR MINT (1)							10.1	10.0	97	2.251	59	1.03	10	10	03518500
	1.52	2.35	22.3	10.8	1.45	1.62	1.91	2.48	3.28	4.74	6.39	8.50	11.1	16.5		27.0	33.1		48.1
	1.30	1.92	17.9	10.4	1.31	1.45	1.65	2.05	2.60	3.80	5.24	7.10	9.65	13.1		17.4	23.3		36.6
	1.08	1.50	13.8	6.66	1.02	1.16	1.33	1.57	1.89	2.54	3.36	4.48	6.22	8.59		12.1	17.7		29.4
	1.07	*1.16*	*1.72*	*3.06*	*1.07*	*0.90*	*0.95*	*1.01*	*1.17*	*1.42*	*1.68*	*2.02*	*2.18*	*2.43*		*1.90*	*1.47*		*1.80*
748	03518456	35°36′13″	84°11′55″	NINEMILE CREEK AT MCGHEE (1)							59.9	59.3	89	2.295	57	2.25	8	12	03543500
	10.3	13.4	106	61.0	10.4	11.0	12.3	14.6	17.6	22.8	29.6	40.9	57.5	72.0		94.0	123		212
	6.47	9.19	102	47.4	6.29	7.00	8.00	9.90	12.3	17.2	23.2	31.7	45.6	65.1		91.8	133		220
	6.93	10.1	100.0	47.8	6.67	7.48	8.69	10.9	13.8	19.1	25.7	34.5	47.7	66.5		92.3	130		209
	0.69	*0.74*	*2.13*	*2.57*	*0.70*	*0.66*	*0.69*	*0.73*	*0.84*	*1.05*	*1.23*	*1.41*	*1.63*	*1.79*		*1.87*	*2.16*		*3.59*
749	03518470	35°19′20″	84°10′40″	BALD RIVER NEAR TELLICO PLAINS (1)							21.7	21.6	155	2.302	73	3.51	5	10	03518500
	7.15	10.4	59.8	45.2	6.84	7.57	8.85	11.3	14.7	20.8	27.6	36.0	46.5	52.3		63.0	71.2		103
	6.94	9.67	47.0	30.1	6.54	7.37	8.49	10.2	12.3	15.5	19.2	23.6	29.8	37.3		47.4	61.6		89.1
	6.51	8.16	38.9	21.5	6.19	6.46	7.17	8.38	9.91	11.8	14.3	17.3	21.9	28.8		38.1	50.8		77.1
	0.80	*0.78*	*2.25*	*1.07*	*0.59*	*0.55*	*0.60*	*0.58*	*0.62*	*0.68*	*0.71*	*0.72*	*0.85*	*1.27*		*2.24*	*4.14*		*5.32*
750	03518630	35°22′27″	84°18′08″	MORGAN BRANCH AT TELLICO PLAINS (1)							2.11	1.93	116	2.303	54	1.04	3	10	03565500
	0.51	0.62	3.30	1.71	0.49	0.51	0.57	0.65	0.75	0.84	0.93	1.13	1.86	2.36		3.25	4.41		6.70
	0.24	0.35	3.01	1.34	0.24	0.26	0.30	0.35	0.43	0.57	0.74	0.97	1.37	1.88		2.75	4.07		6.59
	0.24	0.32	2.75	1.20	0.22	0.25	0.28	0.33	0.38	0.50	0.63	0.83	1.14	1.60		2.33	3.45		5.79
	0.45	*0.47*	*1.61*	*1.33*	*0.45*	*0.32*	*0.35*	*0.37*	*0.44*	*0.54*	*0.60*	*0.76*	*1.04*	*1.45*		*2.90*	*2.69*		*3.72*
751	03518700	35°25′31″	84°15′16″	CANE CREEK AT BELLTOWN MILL (1)							18.2	18.2	62	2.301	24	7.52	5	10	03518500
	1.29	2.00	26.9	9.88	1.23	1.37	1.63	2.14	2.86	4.19	5.72	7.68	10.2	17.5		32.0	59.7		86.7
	0.77	1.36	30.0	9.43	0.77	0.99	1.21	1.52	1.95	2.69	4.14	6.19	8.94	14.4		24.4	42.3		72.0
	1.16	2.11	37.0	16.1	1.14	1.35	1.66	2.37	3.45	5.78	8.39	11.9	17.0	25.1		36.5	52.5		80.9
	0.32	*0.55*	*2.75*	*2.26*	*0.31*	*0.32*	*0.37*	*0.46*	*0.56*	*0.72*	*1.00*	*1.30*	*1.32*	*1.37*		*2.36*	*3.31*		*4.72*
752	03518750	35°30′45″	84°11′35″	BALLPLAY CREEK NEAR VONORE (1)							25.2	25.0	57	2.297	30	6.38	7	8	03518500
	1.91	2.85	38.0	12.3	1.82	2.02	2.37	3.03	3.97	5.62	7.47	9.80	12.7	24.5		44.5	82.7		120
	0.64	1.22	40.6	11.8	0.62	0.83	1.04	1.37	1.83	2.72	4.42	7.00	10.6	17.5		30.7	55.6		99.7
	1.37	2.52	49.4	20.9	1.35	1.60	1.99	2.84	4.14	6.93	10.3	15.0	21.9	32.6		47.5	69.0		108
	0.36	*0.63*	*3.90*	*3.66*	*0.33*	*0.34*	*0.41*	*0.53*	*0.67*	*0.91*	*1.37*	*1.88*	*1.96*	*1.99*		*2.98*	*4.24*		*6.76*
753	03518800	35°33′22″	84°13′22″	NOTCHY CREEK NEAR VONORE (1)							27.9	29.9	83	2.297	35	0.98	10	16	03518500
	4.90	7.30	56.1	29.7	4.69	5.19	6.04	7.68	9.94	13.9	18.3	23.8	30.5	43.5		62.2	91.5		133
	2.79	3.93	49.0	19.4	2.69	2.97	3.40	4.21	5.28	7.30	9.78	13.4	19.4	29.6		47.3	74.3		117
	2.11	3.21	43.6	18.8	2.04	2.40	2.80	3.49	4.42	6.61	9.05	12.5	18.0	25.7		37.8	56.0		96.1
	0.57	*0.62*	*1.29*	*1.84*	*0.65*	*0.58*	*0.62*	*0.66*	*0.76*	*0.92*	*1.04*	*1.19*	*1.18*	*1.14*		*1.75*	*2.54*		*3.65*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
754	03519000	35°33′33″	84°13′27″	TELLICO RIVER NEAR VONORE (1)							271	273	91	2.297	41	4.07	8	19	03518500
	48.4	71.0	575	303	46.4	51.3	59.9	76.4	99.4	140	185	242	311	455		625	889		1291
	42.6	56.6	502	255	40.1	44.5	50.1	61.4	74.9	102	136	183	251	347		479	670		1076
	37.4	56.0	519	272	36.2	40.5	47.3	61.7	81.5	118	158	208	281	383		519	702		1086
	1.28	*1.21*	*2.46*	*2.73*	*1.14*	*1.19*	*1.15*	*1.18*	*1.25*	*1.39*	*1.55*	*1.75*	*1.93*	*2.01*		*2.29*	*3.04*		*5.24*
755	03519600	35°35′38″	84°14′58″	ISLAND CREEK AT VONORE (1)							11.2	11.2	120	2.294	22	0.64	9	12	03543500
	1.28	1.74	18.3	7.85	1.35	1.44	1.61	1.90	2.29	2.96	3.84	5.30	7.45	10.6		15.4	23.0		39.7
	1.21	1.69	19.4	7.83	1.19	1.31	1.49	1.80	2.21	2.95	3.86	5.16	8.00	12.0		18.3	26.5		42.7
	1.05	1.49	15.0	6.85	1.01	1.18	1.33	1.59	1.90	2.78	3.54	4.61	6.38	8.80		13.1	19.3		33.7
	0.72	*0.64*	*1.17*	*1.13*	*0.72*	*0.58*	*0.58*	*0.55*	*0.57*	*0.60*	*0.64*	*0.73*	*0.80*	*1.18*		*1.81*	*2.60*		*4.77*
756	03519660	35°38′50″	84°13′31″	BAKER CREEK NEAR GREENBACK (1)							43.4	43.1	123	2.253	72	1.13	4	4	03518500
	9.02	13.4	96.0	55.7	8.63	9.55	11.1	14.2	18.4	25.9	34.2	44.5	57.2	77.0		104	142		207
	10.8	14.6	89.7	56.8	10.5	11.4	12.9	15.6	19.0	25.3	32.5	42.5	56.1	71.6		90.1	116		176
	7.50	9.59	61.5	33.4	7.07	7.75	8.66	9.97	11.7	14.7	18.6	23.7	31.5	41.8		56.5	78.7		128
	1.21	*1.17*	*1.37*	*1.68*	*0.97*	*0.84*	*0.86*	*0.83*	*0.88*	*0.97*	*1.05*	*1.26*	*1.38*	*1.48*		*1.51*	*1.55*		*2.33*
757	03519690	35°33′45″	84°21′35″	BAT CREEK NEAR MADISONVILLE (1)							11.8	11.6	119	2.300	39	0.95	8	9	03543500
	2.97	4.00	23.2	16.2	2.99	3.18	3.57	4.25	5.12	6.65	8.68	12.1	17.0	19.0		21.8	24.2		41.8
	1.58	2.12	20.3	8.82	1.53	1.67	1.88	2.25	2.72	3.54	4.53	6.04	8.80	12.6		18.5	26.0		42.3
	1.40	1.92	16.7	7.75	1.34	1.52	1.71	2.02	2.40	3.26	4.15	5.39	7.38	10.2		14.7	21.3		35.9
	0.57	*0.52*	*1.39*	*0.95*	*0.56*	*0.45*	*0.46*	*0.44*	*0.47*	*0.51*	*0.54*	*0.59*	*0.68*	*1.01*		*1.87*	*3.72*		*7.57*
758	03519700	35°38′36″	84°15′12″	BAT CREEK NEAR VONORE (1)							30.7	30.5	115	2.253	37	1.12	10	16	03543500
	6.34	8.40	59.0	38.0	6.38	6.79	7.63	9.07	10.9	14.2	18.6	25.8	36.5	44.0		53.0	63.0		109
	6.48	9.12	58.5	37.7	6.33	6.90	7.86	9.85	12.3	16.9	22.2	29.3	37.5	46.6		57.8	73.5		112
	3.95	5.43	43.3	22.8	3.76	4.26	4.82	5.76	6.95	9.65	12.4	15.9	21.5	28.8		40.3	57.1		94.1
	1.27	*1.21*	*0.99*	*1.35*	*1.20*	*1.01*	*1.02*	*0.94*	*0.94*	*0.98*	*1.02*	*1.14*	*1.15*	*1.17*		*1.25*	*1.41*		*2.05*
759	03519732	35°40′05″	84°16′05″	FORK CREEK NEAR LOUDON (1)							47.2	47.7	125	2.252	85	1.58	7	11	03543500
	12.5	16.0	92.0	67.5	12.5	13.3	14.9	17.5	21.0	27.0	34.8	47.7	66.4	76.0		85.0	96.8		167
	12.4	16.5	98.3	61.8	11.9	13.0	14.6	17.6	21.3	27.9	35.4	46.2	62.0	78.4		98.7	127		192
	9.80	12.4	72.0	40.4	9.23	9.96	11.1	12.9	15.1	18.5	23.3	29.5	38.8	51.0		67.7	92.7		147
	1.10	*1.08*	*1.02*	*1.53*	*0.84*	*0.75*	*0.76*	*0.74*	*0.79*	*0.86*	*0.91*	*1.08*	*1.19*	*1.21*		*1.20*	*1.24*		*1.71*
760	03519998	35°44′17″	84°20′06″	STEEKEE CREEK AT LOUDON (1)							7.25	7.09	131	2.254	76	1.66	9	13	03543500
	1.00	1.31	12.5	5.56	1.00	1.06	1.19	1.40	1.67	2.15	2.77	3.79	5.28	7.46		10.6	14.9		25.7
	1.32	1.91	13.6	8.10	1.32	1.47	1.66	2.02	2.48	3.42	4.52	5.99	7.97	10.4		13.4	17.5		26.3
	1.42	1.81	10.5	5.64	1.34	1.45	1.61	1.85	2.15	2.63	3.27	4.11	5.40	7.19		9.75	13.6		21.6
	0.93	*0.85*	*1.55*	*1.57*	*0.69*	*0.57*	*0.58*	*0.56*	*0.59*	*0.67*	*0.76*	*0.90*	*1.20*	*1.61*		*1.69*	*1.43*		*1.74*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
761	03520043	35°36′32″	84°27′40″	SWEETWATER CREEK AT SWEETWATER (1)							23.3	22.6	124	2.301	85	1.47	12	20	03543500
	5.01	6.60	46.5	26.7	5.04	5.34	5.94	6.98	8.30	10.6	13.6	18.4	25.4	35.6		43.0	47.8		82.7
	4.01	5.24	37.8	18.4	3.78	4.09	4.62	5.45	6.49	8.16	10.3	13.4	17.9	24.1		33.1	46.6		75.6
	4.14	5.29	35.2	17.4	3.93	4.24	4.74	5.46	6.41	7.84	9.88	12.6	16.9	23.0		31.4	44.0		71.2
	0.57	*0.56*	*1.42*	*1.08*	*0.57*	*0.49*	*0.52*	*0.53*	*0.58*	*0.66*	*0.69*	*0.72*	*0.80*	*1.14*		*1.93*	*3.59*		*6.03*
762	03520065	35°40′36″	84°24′23″	BACON CREEK AT MOUTH AT PHILADELPHIA (1)							6.36	6.22	137	2.258	91	1.86	10	10	03518500
	0.72	1.07	11.0	4.62	0.69	0.77	0.90	1.15	1.50	2.12	2.81	3.68	4.75	7.70		11.0	20.9		30.3
	1.15	1.62	11.2	6.23	1.14	1.27	1.43	1.71	2.07	2.70	3.44	4.51	6.24	8.29		10.8	14.4		21.8
	1.42	1.78	9.43	5.09	1.34	1.42	1.59	1.80	2.07	2.45	3.02	3.77	4.91	6.51		8.74	12.1		19.0
	0.81	*0.72*	*1.45*	*1.27*	*0.61*	*0.49*	*0.50*	*0.48*	*0.51*	*0.56*	*0.60*	*0.70*	*1.07*	*1.47*		*1.68*	*1.56*		*2.10*
763	03520100	35°44′17″	84°22′25″	SWEETWATER CREEK NEAR LOUDON (1)							62.2	61.8	125	2.256	90	1.58	7	8	03543500
	12.9	17.0	117	73.0	13.0	13.8	15.4	18.1	21.6	27.6	35.4	48.3	67.0	86.0		105	128		221
	16.6	22.1	129	80.6	15.9	17.5	19.5	23.4	28.1	36.8	46.8	60.5	80.6	102		129	166		250
	13.0	16.3	94.1	52.8	12.2	13.1	14.7	16.9	19.9	24.3	30.5	38.7	50.8	66.8		88.3	121		191
	1.03	*1.07*	*1.09*	*1.74*	*0.77*	*0.72*	*0.75*	*0.73*	*0.77*	*0.87*	*0.93*	*1.04*	*1.18*	*1.24*		*1.21*	*1.22*		*1.78*
764	03520160	35°47′11″	84°24′17″	CAVE CREEK NEAR CAVE CREEK (1)							4.58	4.59	120	2.256	100	1.97	5	5	03543500
	1.14	1.53	8.50	5.50	1.15	1.22	1.36	1.61	1.93	2.48	3.21	4.42	5.30	6.40		7.70	9.39		16.3
	0.68	0.93	7.47	3.77	0.69	0.75	0.82	0.95	1.14	1.53	2.00	2.66	3.77	5.13		6.87	9.46		14.9
	0.90	1.16	6.98	3.63	0.85	0.91	1.03	1.18	1.38	1.65	2.08	2.65	3.50	4.72		6.39	8.97		14.1
	0.72	*0.75*	*1.31*	*1.71*	*0.68*	*0.51*	*0.53*	*0.53*	*0.63*	*0.75*	*0.81*	*0.93*	*1.34*	*1.77*		*1.85*	*1.61*		*1.74*
765	03520170	35°42′20″	84°27′35″	POND CREEK NEAR ADOLPHUS (1)							30.8	30.5	120	2.260	97	1.59	10	22	03543500
	4.59	6.10	55.0	27.5	4.62	4.92	5.52	6.55	7.89	10.2	13.3	18.5	26.1	37.4		50.0	63.2		109
	6.85	9.03	59.6	36.3	6.80	7.29	8.14	9.67	11.7	15.3	19.5	26.2	35.9	46.4		58.0	73.3		115
	5.99	7.61	46.3	24.9	5.65	6.08	6.81	7.84	9.21	11.2	14.1	18.1	24.0	31.9		42.6	58.9		93.7
	1.03	*1.05*	*1.45*	*1.45*	*0.95*	*0.80*	*0.83*	*0.81*	*0.85*	*0.93*	*1.00*	*1.19*	*1.26*	*1.45*		*1.66*	*1.96*		*3.12*
766	03520197	35°44′57″	84°29′28″	PAINT ROCK CREEK NEAR PAINT ROCK (1)							28.0	26.5	91	2.261	70	2.12	8	9	03543500
	4.65	6.15	50.0	27.0	4.67	4.96	5.54	6.52	7.79	10.0	12.9	17.6	24.5	33.5		44.5	57.4		99.3
	3.39	4.78	47.8	24.1	3.35	3.71	4.20	5.13	6.35	8.96	12.1	16.5	23.6	33.0		44.7	61.5		100
	3.38	4.79	42.0	21.1	3.22	3.58	4.14	5.06	6.32	8.45	11.3	15.0	20.6	28.4		38.9	55.0		87.5
	0.95	*1.00*	*1.42*	*2.18*	*1.02*	*0.90*	*0.94*	*0.97*	*1.04*	*1.19*	*1.32*	*1.49*	*1.63*	*1.72*		*1.70*	*1.74*		*2.45*
767	03520225	35°48′03″	84°33′49″	RILEY CREEK NEAR BACON GAP (1)							9.58	9.82	66	2.263	42	2.07	11	11	03543500
	0.61	0.80	14.0	3.90	0.61	0.65	0.74	0.88	1.06	1.38	1.80	2.51	3.56	6.20		10.7	19.6		34.0
	0.78	1.13	16.2	7.06	0.75	0.85	0.97	1.21	1.55	2.30	3.26	4.58	6.61	9.79		14.6	22.2		36.2
	0.59	0.98	15.3	6.65	0.57	0.68	0.81	1.06	1.42	2.17	3.11	4.44	6.47	9.43		13.8	20.5		33.6
	0.61	*0.69*	*1.82*	*2.08*	*0.74*	*0.69*	*0.72*	*0.79*	*0.90*	*1.13*	*1.30*	*1.49*	*1.55*	*1.46*		*2.14*	*3.36*		*3.12*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
768	03527600	36°35′25″	82°59′50″	NORTH FORK CLINCH RIVER NR KYLES FORD (1)							85.8	83.4	53	2.141	75	2.20	6	16	03528000
	5.61	7.90	104	44.0	5.35	6.01	6.71	8.49	10.7	15.8	22.6	35.1	46.7	64.8		102	167		272
	4.04	7.15	128	60.1	4.03	4.84	5.89	8.06	11.4	18.7	28.0	41.0	59.7	84.8		119	172		283
	4.67	7.78	118	64.6	4.42	5.29	6.47	8.60	11.8	18.2	27.8	41.0	59.9	83.9		114	165		261
	0.38	*0.44*	*0.79*	*2.45*	*0.33*	*0.37*	*0.41*	*0.47*	*0.73*	*1.33*	*1.77*	*1.93*	*1.70*	*1.47*		*1.58*	*2.73*		*4.42*
769	03527700	36°31′01″	83°12′57″	GREASY ROCK CREEK AT SNEEDVILLE (1)							4.83	4.84	50	2.151	35	2.61	9	12	03491000
	0.10	0.17	4.20	1.25	0.12	0.14	0.16	0.20	0.26	0.38	0.55	0.84	1.28	1.90		3.20	5.80		13.0
	0.26	0.39	6.45	2.84	0.25	0.29	0.34	0.41	0.52	0.76	1.10	1.63	2.41	3.68		5.43	8.64		15.2
	0.18	0.33	6.85	3.30	0.17	0.21	0.26	0.36	0.52	0.88	1.37	2.06	3.08	4.48		6.54	9.93		15.9
	0.51	*0.68*	*0.53*	*1.83*	*0.90*	*0.87*	*0.99*	*1.09*	*1.19*	*1.40*	*1.48*	*1.48*	*1.27*	*0.94*		*1.02*	*1.83*		*3.01*
770	03527800	36°27′18″	83°14′29″	BIG WAR CREEK AT LUTHER (1)							22.3	22.3	63	2.154	42	1.88	3	8	03528000
	1.37	1.90	25.5	10.4	1.31	1.47	1.64	2.06	2.60	3.81	5.41	8.00	11.0	15.2		25.2	43.3		70.7
	1.13	1.75	21.9	9.91	1.04	1.25	1.48	1.86	2.35	3.44	4.77	6.61	9.41	13.7		21.1	36.9		64.4
	1.40	2.29	30.5	16.7	1.33	1.60	1.92	2.51	3.35	5.25	7.60	10.8	15.4	21.3		29.7	43.3		69.2
	0.51	*0.73*	*0.62*	*2.10*	*0.60*	*0.65*	*0.76*	*0.88*	*1.04*	*1.31*	*1.47*	*1.50*	*1.30*	*1.03*		*1.14*	*1.47*		*2.31*
771	03528036	36°22′35″	83°26′39″	INDIAN CR AB HWY 25E BRIDGE, TATE SPRINGS (1)							26.5	25.6	64	2.194	29	1.35	4	5	03528000
	1.98	2.78	36.3	13.3	1.89	2.11	2.33	2.90	3.61	5.17	7.20	9.10	14.1	24.3		36.0	51.5		84.0
	1.33	1.96	26.2	11.7	1.30	1.43	1.65	2.08	2.59	3.73	5.07	7.02	10.3	15.6		24.7	42.2		79.0
	1.31	2.19	34.9	17.3	1.26	1.54	1.85	2.43	3.25	5.32	7.70	11.0	16.0	22.6		32.7	48.6		80.6
	0.51	*0.68*	*0.48*	*1.56*	*0.65*	*0.67*	*0.76*	*0.84*	*0.96*	*1.16*	*1.25*	*1.26*	*1.16*	*0.88*		*0.94*	*1.22*		*2.08*
772	03528200	36°27′00″	83°26′21″	BIG SYCAMORE CREEK NEAR SPRINGDALE (1)							21.7	21.6	50	2.192	41	1.99	10	15	03535000
	0.38	0.54	17.5	3.50	0.39	0.44	0.49	0.57	0.67	0.98	1.33	1.84	2.60	5.90		12.0	37.1		62.1
	0.82	1.33	27.1	10.5	0.82	0.95	1.12	1.43	1.87	2.85	4.14	6.05	9.50	15.3		23.9	39.7		71.0
	0.77	1.40	31.3	14.2	0.74	0.92	1.14	1.57	2.21	3.74	5.81	8.82	13.4	19.7		28.8	43.6		71.6
	0.59	*0.83*	*0.64*	*1.79*	*0.75*	*0.79*	*0.92*	*1.04*	*1.14*	*1.31*	*1.33*	*1.26*	*1.23*	*1.07*		*1.20*	*1.82*		*2.68*
773	03528365	36°21′45″	83°45′17″	LITTLE BARREN CR NR LITTLE BARREN (1)							6.59	6.50	120	2.213	100	1.97	8	8	03535000
	0.50	0.73	9.30	4.39	0.52	0.59	0.66	0.78	0.93	1.38	1.90	2.68	3.85	5.53		7.79	11.3		18.9
	1.05	1.43	10.6	6.05	1.04	1.14	1.26	1.50	1.81	2.46	3.25	4.34	5.78	7.78		10.2	13.7		20.7
	1.36	1.74	9.46	5.44	1.28	1.37	1.54	1.77	2.06	2.47	3.11	3.95	5.15	6.78		8.98	12.4		19.3
	0.92	*0.96*	*0.68*	*1.62*	*0.74*	*0.57*	*0.60*	*0.62*	*0.71*	*0.86*	*0.96*	*1.02*	*1.11*	*1.19*		*0.98*	*0.78*		*0.84*
774	03528385	36°17′15″	83°48′00″	FALL CREEK AT LICK SKILLET (1)							3.78	3.93	65	2.220	30	3.80	3	9	03535000
	0.42	0.61	5.80	3.70	0.46	0.52	0.57	0.67	0.79	1.13	1.52	2.09	2.91	4.30		5.20	6.46		10.8
	0.28	0.43	6.26	3.06	0.27	0.32	0.37	0.46	0.59	0.88	1.27	1.81	2.61	3.80		5.43	7.93		13.4
	0.25	0.44	6.39	3.05	0.24	0.29	0.35	0.47	0.65	1.04	1.49	2.10	2.99	4.28		6.20	9.11		14.3
	1.42	*1.55*	*1.48*	*2.83*	*1.53*	*1.36*	*1.47*	*1.68*	*1.90*	*2.14*	*2.18*	*2.32*	*2.27*	*2.02*		*1.92*	*1.69*		*1.98*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
775	03528390	36°15′56″	83°50′25″	CROOKED CREEK NEAR MAYNARDVILLE (1)							2.23	2.22	65	2.223	11	4.68	3	8	03535000
	0.29	0.42	3.60	2.40	0.30	0.34	0.38	0.45	0.53	0.78	1.08	1.53	2.18	2.70		3.20	3.81		6.38
	0.18	0.27	3.91	1.95	0.17	0.19	0.23	0.29	0.38	0.58	0.84	1.18	1.66	2.45		3.70	5.47		9.05
	0.11	0.21	3.72	1.76	0.11	0.13	0.17	0.24	0.34	0.61	0.87	1.23	1.74	2.50		3.78	5.61		8.79
	1.19	*1.18*	*1.02*	*2.05*	*1.32*	*1.17*	*1.24*	*1.31*	*1.41*	*1.51*	*1.56*	*1.67*	*1.59*	*1.30*		*1.54*	*1.66*		*1.97*
776	03531700	36°33′18″	83°22′51″	MULBERRY CREEK AT ALANTHUS HILL (1)							23.9	24.5	62	2.160	75	1.83	5	10	03532000
	3.22	4.20	42.0	21.9	3.15	3.46	3.76	4.44	5.47	8.05	11.4	16.0	22.9	30.0		40.0	54.1		88.0
	1.84	2.93	36.2	18.0	1.75	2.11	2.49	3.13	4.00	5.99	8.47	12.1	16.9	24.0		33.2	46.9		77.3
	1.73	2.71	33.7	18.1	1.63	1.92	2.29	2.92	3.83	5.60	8.16	11.6	16.7	23.2		31.8	46.3		73.8
	0.46	*0.67*	*0.61*	*2.14*	*0.58*	*0.62*	*0.73*	*0.85*	*1.01*	*1.29*	*1.45*	*1.51*	*1.33*	*1.06*		*1.14*	*1.38*		*2.23*
777	03531800	36°27′45″	83°33′38″	RUSSELL CREEK AT TAZEWELL (1)							4.65	4.83	72	2.188	45	1.04	9	13	03532000
	0.31	0.42	6.60	2.30	0.30	0.33	0.36	0.43	0.54	0.80	1.16	1.66	2.41	3.80		6.20	10.5		17.1
	0.44	0.66	7.03	3.72	0.42	0.50	0.58	0.71	0.88	1.28	1.78	2.46	3.42	4.68		6.39	9.31		15.0
	0.31	0.48	6.12	3.00	0.29	0.35	0.41	0.51	0.65	0.96	1.35	1.89	2.72	3.81		5.50	8.27		13.8
	1.48	*1.43*	*1.06*	*2.35*	*1.64*	*1.25*	*1.27*	*1.35*	*1.47*	*1.61*	*1.66*	*1.75*	*1.70*	*1.52*		*1.34*	*1.30*		*1.61*
778	03531815	36°30′08″	83°30′23″	RUSSELL CREEK NEAR CAVE SPRING (1)							19.9	20.8	81	2.188	54	1.21	7	7	03532000
	2.66	3.50	33.5	18.3	2.60	2.85	3.10	3.67	4.54	6.69	9.47	13.4	19.2	24.5		32.0	45.0		73.3
	1.90	2.80	24.7	13.9	1.78	2.02	2.33	2.92	3.69	5.30	7.14	9.51	13.0	17.9		24.9	36.2		63.0
	1.89	2.77	27.6	14.9	1.79	2.07	2.41	2.95	3.68	5.24	7.18	9.78	13.6	18.5		25.7	37.2		60.6
	1.20	*1.08*	*0.40*	*1.34*	*1.14*	*1.00*	*1.03*	*1.02*	*1.02*	*1.00*	*0.98*	*0.96*	*0.96*	*0.78*		*0.71*	*0.74*		*1.15*
779	03531900	36°35′18″	83°36′20″	INDIAN CREEK AT GREERS CHAPEL (1)							62.5	62.5	52	2.182	68	2.18	9	12	03532000
	5.14	6.62	93.0	34.7	5.01	5.50	5.97	7.07	8.70	12.8	18.0	25.5	36.4	56.5		86.0	141		230
	2.54	4.52	97.9	43.7	2.56	3.10	3.79	5.19	7.50	12.7	19.1	28.9	42.8	61.6		87.6	129		216
	3.04	5.20	92.1	45.3	2.91	3.50	4.30	5.77	7.99	12.5	19.3	28.8	42.8	61.6		85.9	126		203
	0.37	*0.44*	*0.65*	*2.22*	*0.35*	*0.39*	*0.44*	*0.52*	*0.84*	*1.55*	*1.89*	*1.96*	*1.67*	*1.33*		*1.41*	*2.49*		*3.54*
780	03532070	36°31′45″	83°44′26″	OLD TOWN CREEK NEAR RED HILL (1)							6.72	7.05	62	2.183	38	1.64	3	5	03491000
	0.43	0.66	8.70	3.87	0.43	0.50	0.58	0.72	0.90	1.29	1.81	2.67	3.95	5.77		7.80	10.7		18.0
	0.45	0.68	9.67	4.33	0.44	0.51	0.59	0.73	0.91	1.33	1.87	2.66	3.81	5.68		8.46	13.3		22.3
	0.37	0.62	9.63	4.69	0.36	0.43	0.52	0.68	0.90	1.43	2.08	2.99	4.35	6.18		8.94	13.4		21.9
	1.05	*1.00*	*0.81*	*1.80*	*1.53*	*1.31*	*1.31*	*1.29*	*1.29*	*1.36*	*1.38*	*1.42*	*1.32*	*1.02*		*1.09*	*1.45*		*2.36*
781	03532100	36°26′36″	83°54′59″	DAVIS CREEK NEAR SPEEDWELL (1)							31.2	32.4	51	2.220	53	1.55	10	23	03532000
	3.60	4.60	51.3	25.2	3.57	3.93	4.27	5.06	6.24	9.20	13.0	18.5	26.4	36.2		49.7	70.6		115
	1.46	2.28	45.8	18.5	1.44	1.67	1.95	2.46	3.19	4.93	7.25	10.7	16.8	26.5		39.9	62.6		109
	1.19	2.10	46.8	20.1	1.15	1.41	1.74	2.34	3.24	5.26	8.16	12.4	19.0	28.2		41.2	62.7		105
	0.54	*0.78*	*0.66*	*1.92*	*0.71*	*0.76*	*0.87*	*1.00*	*1.18*	*1.47*	*1.52*	*1.43*	*1.37*	*1.15*		*1.35*	*2.13*		*3.18*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
782	03532200	36°23′19″	84°07′33″	BIG CREEK AT LAFOLLETE (1)							24.0	23.8	35	2.229	61	3.39	9	16	03532000
	0.38	0.48	40.0	6.40	0.37	0.41	0.44	0.53	0.66	0.98	1.41	2.02	7.80	28.2		38.7	55.0		89.6
	0.00	0.80	43.9	14.9	0.00	0.00	0.60	0.89	1.40	2.60	4.54	7.63	13.6	23.9		37.3	57.2		101
	0.00	0.56	39.3	12.8	0.00	0.00	0.42	0.66	1.09	2.13	4.01	7.19	12.6	21.2		32.8	53.7		90.1
	0.80	*1.18*	*2.99*	*3.14*	*0.64*	*0.70*	*0.81*	*0.97*	*1.18*	*1.53*	*1.75*	*1.78*	*1.92*	*2.23*		*3.32*	*4.82*		*5.79*
783	03532480	36°18′25″	84°13′35″	COVE CR AB COVE LAKE NR CARYVILLE (1)							23.8	24.0	33	2.233	61	3.35	4	4	03532000
	0.76	0.96	39.2	5.23	0.74	0.81	0.88	1.04	1.29	1.90	2.70	3.82	5.48	14.0		37.9	53.8		87.7
	0.00	0.58	47.1	14.6	0.00	0.00	0.00	0.65	1.10	2.21	4.11	7.26	13.6	24.7		39.9	60.8		109
	0.00	0.36	39.8	11.5	0.00	0.00	0.00	0.44	0.75	1.59	3.21	6.13	11.4	20.1		32.0	54.3		93.0
	0.82	*1.22*	*3.19*	*3.69*	*0.62*	*0.69*	*0.79*	*0.92*	*1.08*	*1.55*	*1.89*	*1.99*	*2.22*	*2.74*		*3.56*	*4.55*		*5.43*
784	03534000	36°13′14″	84°09′27″	COAL CREEK AT LAKE CITY (1)							24.5	24.4	36	2.235	61	3.34	10	18	03532000
	0.80	1.02	40.6	10.0	0.78	0.86	0.93	1.11	1.38	2.05	2.93	4.18	11.8	28.6		39.3	55.8		90.9
	0.00	0.91	43.4	15.0	0.00	0.00	0.69	1.01	1.55	2.81	4.77	7.85	13.7	23.6		36.8	56.9		100
	0.00	0.67	40.5	13.5	0.00	0.00	0.51	0.78	1.26	2.41	4.43	7.76	13.4	22.2		34.1	55.2		92.2
	0.72	*1.16*	*3.30*	*3.36*	*0.54*	*0.64*	*0.75*	*0.90*	*1.11*	*1.43*	*1.74*	*1.81*	*1.98*	*2.32*		*3.48*	*4.82*		*6.14*
785	03534020	36°10′07″	84°08′39″	CANE CREEK NEAR MEDFORD STATION (1)							5.70	6.10	58	2.236	38	2.14	7	7	03538225
	0.46	0.71	12.0	7.20	0.49	0.55	0.62	0.76	1.02	1.63	2.55	3.85	5.82	8.10		10.5	14.0		23.5
	0.41	0.61	9.29	4.08	0.40	0.45	0.52	0.65	0.82	1.21	1.70	2.44	3.51	5.29		7.92	12.1		20.6
	0.28	0.49	9.23	3.96	0.27	0.33	0.40	0.54	0.73	1.18	1.75	2.56	3.81	5.62		8.32	12.6		20.7
	0.77	*0.88*	*2.31*	*2.69*	*1.03*	*0.99*	*1.06*	*1.20*	*1.37*	*1.65*	*1.80*	*2.02*	*2.07*	*1.80*		*2.34*	*3.32*		*3.78*
786	03534200	36°08′45″	84°04′34″	HINDS CREEK NEAR CLINTON (1)							39.3	39.9	65	2.235	39	3.31	13	14	03535000
	3.04	4.35	56.2	26.5	3.13	3.56	3.98	4.71	5.62	8.30	11.5	16.2	23.2	33.4		47.1	68.0		114
	2.50	3.74	50.5	23.8	2.41	2.73	3.16	3.99	5.06	7.50	10.5	14.9	22.0	31.6		46.4	71.7		127
	2.83	4.71	66.6	32.7	2.73	3.21	3.88	5.21	7.14	11.2	16.1	22.7	32.3	45.8		64.5	92.6		146
	0.54	*0.52*	*0.55*	*1.87*	*0.64*	*0.57*	*0.58*	*0.61*	*0.68*	*0.77*	*0.82*	*0.83*	*1.36*	*1.06*		*1.20*	*1.81*		*3.02*
787	03534500	36°11′05″	84°03′34″	BUFFALO CREEK AT NORRIS (1)							9.92	9.37	69	2.234	62	1.60	11	19	03532000
	0.36	0.47	10.4	2.77	0.35	0.39	0.42	0.51	0.63	0.95	1.38	1.99	2.91	4.05		9.10	22.5		36.5
	0.74	1.11	14.3	6.89	0.72	0.83	0.96	1.19	1.49	2.19	3.06	4.28	6.18	9.03		12.7	18.8		31.4
	0.66	1.03	13.6	6.24	0.63	0.73	0.87	1.10	1.41	2.04	2.90	4.09	5.91	8.45		12.1	17.9		29.3
	0.94	*0.94*	*1.30*	*2.04*	*0.99*	*0.93*	*0.96*	*1.01*	*1.10*	*1.25*	*1.33*	*1.43*	*1.75*	*1.68*		*1.75*	*1.83*		*2.22*
788	03534510	36°09′38″	84°04′49″	BUFFALO CREEK NEAR NORRIS (1)							13.8	15.8	71	2.235	68	1.57	5	7	03532000
	0.51	0.69	22.7	6.70	0.50	0.55	0.61	0.73	0.92	1.42	2.08	3.06	7.50	16.0		22.0	31.2		50.8
	1.34	1.95	25.9	12.0	1.31	1.48	1.69	2.07	2.62	3.88	5.45	7.69	11.3	16.4		23.2	34.0		56.3
	1.22	1.86	23.0	10.8	1.17	1.35	1.59	1.99	2.55	3.62	5.10	7.16	10.3	14.6		20.6	30.3		49.5
	1.12	*0.98*	*0.88*	*1.96*	*1.30*	*1.12*	*1.10*	*1.07*	*1.12*	*1.25*	*1.32*	*1.37*	*1.51*	*1.33*		*1.48*	*1.59*		*1.71*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
789	03534927	36°14′18″	83°44′43″	BULLRUN CREEK NEAR LUTTRELL (1)							9.51	9.55	65	2.221	31	2.63	3	8	03535000
	0.72	1.05	13.4	6.33	0.75	0.85	0.95	1.13	1.34	1.99	2.75	3.87	5.55	7.98		11.3	16.2		27.2
	0.65	0.98	14.0	6.45	0.64	0.72	0.84	1.05	1.35	2.01	2.84	4.00	5.79	8.73		12.9	19.5		33.0
	0.58	0.98	14.8	7.06	0.56	0.66	0.80	1.07	1.46	2.34	3.36	4.76	6.82	9.74		14.1	20.8		33.2
	0.94	*0.97*	*0.95*	*2.00*	*1.04*	*0.97*	*1.03*	*1.11*	*1.21*	*1.36*	*1.42*	*1.48*	*1.59*	*1.34*		*1.45*	*1.65*		*2.07*
790	03534975	36°13′47″	83°49′18″	N FORK BULLRUN CR BL MAYNARDVILLE (1)							6.79	6.86	80	2.224	48	1.58	3	8	03535000
	0.53	0.77	9.59	4.52	0.54	0.61	0.68	0.80	0.96	1.42	1.96	2.77	3.96	5.70		8.03	11.6		19.4
	0.62	0.94	10.7	5.63	0.62	0.70	0.80	1.00	1.27	1.88	2.62	3.63	5.08	7.18		9.99	14.2		22.8
	0.59	0.88	9.77	4.78	0.56	0.65	0.76	0.94	1.19	1.71	2.34	3.20	4.50	6.29		8.94	13.1		21.3
	1.70	*1.58*	*1.37*	*2.44*	*1.60*	*1.30*	*1.34*	*1.36*	*1.44*	*1.54*	*1.58*	*1.73*	*1.96*	*1.83*		*1.55*	*1.26*		*1.62*
791	03534980	36°13′46″	83°49′30″	N FORK BULLRUN CR NR MAYNARDVILLE (1)							7.82	7.82	82	2.225	51	1.60	1	4	03535000
	0.60	0.87	11.0	5.21	0.62	0.70	0.78	0.93	1.11	1.63	2.26	3.19	4.57	6.56		9.25	13.4		22.4
	0.71	1.08	12.4	6.51	0.71	0.79	0.91	1.14	1.45	2.15	3.02	4.17	5.86	8.38		11.7	16.6		26.6
	0.71	1.06	11.2	5.54	0.68	0.78	0.91	1.13	1.42	2.01	2.74	3.74	5.22	7.26		10.3	15.0		24.3
	1.44	*1.38*	*1.43*	*2.32*	*1.32*	*1.08*	*1.13*	*1.17*	*1.28*	*1.42*	*1.48*	*1.63*	*1.82*	*1.73*		*1.50*	*1.26*		*1.63*
792	03534990	36°11′12″	83°53′09″	RACCOON CREEK AT PAULETTE (1)							5.10	5.09	104	2.229	56	1.40	3	9	03535000
	0.54	0.81	7.70	4.50	0.56	0.63	0.71	0.84	1.00	1.47	2.02	2.85	4.07	5.30		6.70	8.71		14.6
	0.76	1.11	8.35	4.97	0.76	0.84	0.96	1.17	1.43	2.01	2.69	3.56	4.68	6.13		7.99	10.6		16.4
	0.65	0.90	7.10	3.68	0.62	0.69	0.79	0.94	1.13	1.50	1.94	2.54	3.45	4.68		6.53	9.40		15.2
	1.12	*1.14*	*1.42*	*2.92*	*1.11*	*0.89*	*0.94*	*0.98*	*1.09*	*1.28*	*1.40*	*1.59*	*1.87*	*2.17*		*1.72*	*1.28*		*1.53*
793	03535050	36°01′56″	84°05′50″	BULLRUN CREEK NEAR POWELL (1)							93.3	93.9	90	2.240	43	2.03	4	6	03535000
	9.59	14.0	140	73.0	9.87	11.1	12.4	14.5	17.1	24.7	33.6	46.4	65.2	88.0		120	159		267
	11.3	16.2	160	89.7	10.8	12.1	14.0	17.5	21.7	30.6	41.3	56.2	84.1	113		151	207		336
	10.9	16.0	147	79.8	10.4	11.9	13.8	17.3	22.1	31.8	42.7	56.8	77.3	104		143	199		318
	0.76	*0.69*	*0.86*	*2.52*	*0.74*	*0.68*	*0.67*	*0.67*	*0.72*	*0.80*	*0.88*	*0.96*	*1.52*	*1.41*		*1.26*	*1.44*		*2.54*
794	03535055	36°00′17″	84°08′32″	BULLRUN CREEK NEAR EDGEMOOR (1)							103	104	91	2.242	45	2.01	4	4	03532000
	12.6	16.5	169	83.1	11.8	12.9	14.1	16.6	20.6	30.3	42.9	60.8	87.0	119		164	233		379
	13.0	18.6	183	101	12.5	14.0	16.2	20.1	25.0	35.1	47.2	64.1	96.0	129		174	239		385
	12.4	18.0	163	88.5	11.8	13.5	15.6	19.5	24.9	35.5	47.5	63.1	85.8	116		158	220		350
	0.77	*0.70*	*1.50*	*3.02*	*0.75*	*0.69*	*0.68*	*0.66*	*0.70*	*0.77*	*0.85*	*0.95*	*1.71*	*1.69*		*1.58*	*1.65*		*2.75*
795	03535183	36°05′07″	83°55′16″	WILLOW FORK AT HALLS CROSSROADS (1)							7.12	7.16	75	2.235	76	1.64	9	10	03535000
	0.73	1.07	10.9	6.44	0.75	0.85	0.96	1.13	1.35	2.01	2.78	3.93	5.65	8.13		9.70	12.2		20.4
	0.60	0.89	10.8	5.33	0.60	0.68	0.77	0.93	1.16	1.72	2.40	3.36	4.87	6.94		9.70	14.4		23.7
	0.62	0.92	10.4	4.88	0.59	0.67	0.79	0.97	1.23	1.68	2.34	3.25	4.63	6.55		9.23	13.6		22.0
	1.55	*1.45*	*1.44*	*2.36*	*1.53*	*1.26*	*1.30*	*1.34*	*1.45*	*1.59*	*1.64*	*1.76*	*1.96*	*1.94*		*1.75*	*1.56*		*1.72*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
796	03535186	36°04′16″	83°56′49″	BEAVER CR BL HINES BR, HALLS CROSSROADS (1)							32.1	32.0	75	2.236	50	1.65	2	7	03535000
	2.55	3.75	45.3	21.4	2.53	2.87	3.21	3.81	4.54	6.70	9.28	13.1	18.7	27.0		38.0	54.8		91.8
	2.71	3.94	43.7	22.4	2.62	2.96	3.38	4.18	5.20	7.60	10.5	14.4	20.5	28.9		40.3	58.5		101
	2.60	3.98	47.5	23.3	2.49	2.89	3.40	4.30	5.55	8.13	11.3	15.7	22.2	31.1		43.7	63.3		103
	1.22	*1.14*	*0.44*	*1.53*	*1.33*	*1.16*	*1.18*	*1.16*	*1.22*	*1.27*	*1.23*	*1.17*	*1.12*	*0.89*		*0.91*	*1.11*		*1.95*
797	03535187	36°03′31″	83°58′25″	BEAVER CREEK NEAR DANTE (1)							36.4	36.6	74	2.237	52	1.62	3	4	03535000
	3.17	4.80	55.0	28.8	3.27	3.72	4.17	4.96	5.93	8.83	12.3	17.5	25.2	36.5		46.5	62.2		104
	2.89	4.24	53.5	26.4	2.78	3.16	3.63	4.51	5.66	8.40	11.8	16.6	23.9	34.2		48.1	70.3		120
	2.93	4.49	54.3	26.5	2.80	3.26	3.84	4.86	6.27	9.17	12.8	17.8	25.3	35.5		49.9	72.2		118
	0.84	*0.85*	*0.51*	*1.76*	*0.89*	*0.81*	*0.84*	*0.88*	*1.00*	*1.20*	*1.29*	*1.29*	*1.27*	*1.04*		*1.10*	*1.42*		*2.46*
798	03535195	36°01′37″	84°01′39″	BEAVER CR AT BRICKYARD RD NR POWELL (1)							52.5	52.2	77	2.239	51	1.65	4	4	03535000
	4.66	6.90	75.0	38.5	4.81	5.46	6.11	7.26	8.66	12.9	17.8	25.2	36.3	47.0		65.0	89.7		150
	4.15	6.06	77.6	38.7	3.99	4.51	5.19	6.45	8.04	11.8	16.3	22.7	35.4	49.7		69.9	102		172
	4.54	6.86	78.4	39.2	4.34	5.02	5.89	7.43	9.56	13.9	19.3	26.6	37.5	52.1		72.7	104		170
	0.57	*0.54*	*0.52*	*1.87*	*0.61*	*0.56*	*0.57*	*0.59*	*0.66*	*0.76*	*0.82*	*0.84*	*1.25*	*1.03*		*1.10*	*1.40*		*2.36*
799	03535200	36°01′06″	84°03′06″	BEAVER CREEK NEAR POWELL (1)							56.1	56.1	78	2.240	51	1.65	13	20	03535000
	5.40	7.90	85.0	47.5	5.57	6.33	7.08	8.39	10.0	14.8	20.6	29.0	41.7	60.0		75.0	95.8		161
	4.53	6.59	85.3	42.5	4.36	4.92	5.66	7.02	8.75	12.8	17.7	24.7	39.1	54.7		76.7	112		187
	4.99	7.51	84.3	42.3	4.77	5.51	6.46	8.14	10.4	15.2	21.0	28.8	40.5	56.2		78.3	112		182
	0.59	*0.56*	*0.51*	*1.92*	*0.63*	*0.57*	*0.59*	*0.61*	*0.68*	*0.78*	*0.85*	*0.89*	*1.26*	*1.05*		*1.04*	*1.19*		*1.94*
800	03535400	35°57′51″	84°10′41″	BEAVER CREEK AT SOLWAY (1)							86.8	86.8	85	2.244	51	1.63	7	11	03535000
	6.65	10.0	123	57.8	6.84	7.77	8.68	10.3	12.3	18.1	25.1	35.3	50.7	72.9		103	148		248
	9.69	13.8	149	79.3	9.30	10.4	12.0	14.9	18.5	26.2	35.5	48.6	75.9	103		139	195		318
	8.99	13.1	132	68.3	8.58	9.82	11.4	14.2	18.1	25.8	35.0	47.3	65.5	89.6		124	175		283
	0.59	*0.56*	*0.83*	*2.53*	*0.61*	*0.57*	*0.58*	*0.59*	*0.63*	*0.72*	*0.81*	*0.89*	*1.52*	*1.40*		*1.23*	*1.37*		*2.32*
801	03535405	35°57′04″	84°12′23″	BEAVER CREEK AT COUCH FORD (1)							90.3	89.9	86	2.245	53	1.64	6	7	03535000
	7.24	10.3	127	60.1	7.12	8.08	9.03	10.7	12.8	18.9	26.1	36.8	52.7	75.8		107	154		258
	10.5	14.9	157	83.5	10.1	11.2	13.0	16.0	19.9	28.0	37.8	51.7	80.3	109		147	204		333
	9.61	14.0	137	71.1	9.17	10.5	12.1	15.1	19.1	27.0	36.7	49.4	68.3	93.3		128	181		293
	0.59	*0.56*	*0.82*	*2.48*	*0.60*	*0.56*	*0.57*	*0.58*	*0.62*	*0.70*	*0.79*	*0.87*	*1.49*	*1.37*		*1.20*	*1.35*		*2.29*
802	03535619	35°56′01″	84°13′43″	CONNOR CREEK NEAR SOLWAY STATION (1)							6.40	6.70	120	2.246	73	1.55	12	13	03535000
	0.92	1.37	10.0	7.20	0.95	1.08	1.20	1.42	1.69	2.48	3.42	4.79	6.82	8.00		9.40	10.9		18.3
	1.09	1.55	11.9	6.88	1.11	1.21	1.35	1.63	2.01	2.80	3.75	5.00	6.65	8.84		11.5	15.3		23.6
	1.16	1.52	9.74	5.14	1.10	1.20	1.34	1.55	1.83	2.28	2.88	3.68	4.89	6.55		8.96	12.6		20.2
	0.85	*0.82*	*1.24*	*1.74*	*0.69*	*0.54*	*0.56*	*0.57*	*0.64*	*0.76*	*0.86*	*1.00*	*1.20*	*1.49*		*1.39*	*1.18*		*1.44*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
803	03538090	35°52′58″	84°20′51″	PAWPAW CREEK NEAR MELTON HILL (1)							8.71	8.69	120	2.251	99	1.96	13	27	03538225
	0.29	0.45	17.4	6.40	0.31	0.35	0.40	0.50	0.67	1.09	1.74	2.67	4.12	8.20		14.9	21.4		35.9
	1.28	1.79	15.3	8.47	1.32	1.43	1.58	1.89	2.34	3.29	4.46	6.02	8.31	11.4		15.2	20.4		31.3
	1.76	2.25	13.3	7.10	1.65	1.77	1.99	2.29	2.69	3.23	4.08	5.19	6.84	9.16		12.3	17.1		26.8
	0.87	*0.87*	*1.50*	*1.79*	*0.72*	*0.58*	*0.60*	*0.60*	*0.66*	*0.78*	*0.91*	*1.08*	*1.27*	*1.61*		*1.48*	*1.22*		*1.60*
804	03538130	35°51′53″	84°23′07″	CANEY CREEK NEAR KINGSTON (1)							5.55	6.55	119	2.253	62	2.19	6	10	03538225
	0.61	0.92	12.5	8.90	0.64	0.72	0.81	1.01	1.36	2.18	3.42	5.18	7.88	9.50		11.6	13.7		22.9
	1.05	1.49	11.4	6.62	1.07	1.16	1.30	1.57	1.92	2.68	3.59	4.80	6.39	8.44		10.9	14.4		22.5
	1.17	1.57	10.1	5.40	1.11	1.21	1.37	1.62	1.94	2.47	3.12	3.97	5.24	7.03		9.60	13.4		21.1
	0.95	*0.90*	*1.37*	*1.89*	*0.84*	*0.66*	*0.68*	*0.68*	*0.74*	*0.86*	*0.96*	*1.11*	*1.33*	*1.70*		*1.66*	*1.35*		*1.61*
805	03538160	36°01′57″	84°18′16″	POPLAR CR AT BATLEY RD, OLIVER SPRINGS (1)							30.3	29.7	37	2.244	59	3.27	6	8	03538225
	0.53	0.84	49.0	13.4	0.57	0.64	0.73	0.91	1.25	2.05	3.30	5.13	7.97	18.2		36.0	74.6		125
	0.00	1.07	52.0	17.7	0.00	0.00	0.84	1.22	1.85	3.31	5.64	9.33	16.2	27.6		43.2	67.5		119
	0.00	0.92	49.8	16.9	0.00	0.00	0.70	1.07	1.70	3.18	5.73	9.87	16.8	27.6		42.1	67.4		113
	0.82	*1.41*	*3.48*	*3.44*	*0.56*	*0.70*	*0.81*	*0.94*	*1.06*	*1.30*	*1.75*	*1.83*	*1.93*	*2.31*		*3.84*	*6.57*		*7.49*
806	03538180	36°04′11″	84°13′40″	BRUSHY FORK AT DOSSETT (1)							10.2	10.2	54	2.241	39	2.19	7	10	03538225
	0.78	1.21	21.3	12.7	0.82	0.92	1.04	1.29	1.73	2.77	4.33	6.55	9.94	14.5		18.9	25.1		42.0
	0.50	0.81	14.6	6.28	0.48	0.58	0.69	0.88	1.13	1.69	2.47	3.58	5.21	8.04		12.2	19.7		34.3
	0.41	0.73	15.7	6.55	0.40	0.48	0.59	0.81	1.13	1.85	2.81	4.19	6.33	9.45		14.0	21.3		35.2
	0.51	*0.74*	*1.52*	*2.58*	*0.67*	*0.75*	*0.84*	*0.95*	*1.09*	*1.31*	*1.50*	*1.68*	*1.74*	*1.64*		*1.84*	*2.97*		*4.19*
807	03538200	36°01′20″	84°18′37″	POPLAR CREEK NEAR OLIVER SPRINGS (1)							55.9	56.3	47	2.245	50	2.70	6	12	03538225
	3.94	5.90	112	59.3	4.18	4.68	5.25	6.46	8.62	13.6	21.0	31.5	47.2	67.9		94.1	138		230
	1.34	2.37	88.4	33.9	1.35	1.63	2.00	2.73	3.83	6.41	10.4	17.1	30.4	47.9		74.1	117		206
	1.87	3.51	92.2	38.0	1.83	2.25	2.82	3.97	5.78	9.78	15.6	24.1	37.4	56.7		82.8	125		205
	0.51	*0.72*	*1.52*	*3.90*	*0.41*	*0.42*	*0.46*	*0.52*	*0.61*	*0.70*	*0.91*	*1.08*	*2.18*	*2.03*		*2.74*	*4.56*		*6.78*
808	03538215	36°02′45″	84°20′48″	INDIAN CREEK AT OLIVER SPRINGS (1)							18.4	18.1	35	2.245	66	3.06	7	11	03538225
	0.17	0.32	34.0	12.3	0.18	0.22	0.26	0.37	0.58	1.19	2.37	4.47	8.48	15.8		26.9	45.3		75.8
	0.00	0.65	32.7	10.9	0.00	0.00	0.00	0.71	1.12	2.08	3.47	5.68	10.0	18.0		28.6	43.6		75.4
	0.00	0.41	29.8	9.23	0.00	0.00	0.00	0.48	0.79	1.52	2.87	5.16	9.12	15.5		24.3	40.0		67.9
	0.53	*0.87*	*2.61*	*3.04*	*0.42*	*0.46*	*0.54*	*0.72*	*0.83*	*1.11*	*1.50*	*1.67*	*1.80*	*2.15*		*2.77*	*3.89*		*5.17*
809	03538243	35°59′46″	84°18′10″	MILL BRANCH AT OAK RIDGE (1)							1.78	1.76	65	2.246	20	3.75	6	10	03538225
	0.11	0.15	3.49	1.82	0.11	0.12	0.14	0.17	0.23	0.38	0.60	0.93	1.43	2.11		2.98	4.29		7.19
	0.19	0.29	3.05	1.60	0.18	0.21	0.24	0.29	0.38	0.55	0.76	1.03	1.42	1.94		2.80	4.00		6.56
	0.09	0.17	2.91	1.28	0.09	0.11	0.14	0.19	0.26	0.44	0.62	0.88	1.27	1.85		2.78	4.17		6.62
	0.76	*0.87*	*1.45*	*2.10*	*0.97*	*0.83*	*0.87*	*0.93*	*1.11*	*1.42*	*1.59*	*1.78*	*1.72*	*1.34*		*1.82*	*2.31*		*3.33*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80% 70% 60% 50% 40% 30% 20% 10%									
				Central and East Tennessee region--continued									
810	03538244	35°59′23″	84°19′09″	E F POPLAR CR AT COUNTY LINE, OAK RIDGE (1)	12.4	12.4	69	2.246	42	1.81	6	6	03538225
	0.72	1.13	24.8	12.9 0.76 0.86 0.97 1.22 1.65 2.69 4.28 6.58 10.1 15.0 21.2 30.5 51.1									
	1.01	1.49	20.3	9.39 0.98 1.11 1.27 1.59 2.04 3.03 4.28 6.01 8.74 13.0 19.0 27.7 46.0									
	0.81	1.30	18.7	8.51 0.78 0.92 1.09 1.41 1.86 2.83 4.01 5.66 8.17 11.7 16.9 25.1 41.1									
	0.75	*0.85*	*1.34*	*2.54 0.82 0.78 0.84 0.94 1.08 1.40 1.54 1.62 1.85 1.89 2.11 2.22 2.30*									
811	03538247	35°58′31″	84°20′08″	GUM HOLLOW BRANCH AT OAK RIDGE (1)	2.40	2.38	65	2.247	13	4.83	6	10	03538225
	0.11	0.18	4.80	2.10 0.12 0.13 0.15 0.19 0.25 0.41 0.65 1.00 1.54 2.65 4.10 5.91 9.89									
	0.23	0.34	3.98	2.02 0.23 0.25 0.29 0.37 0.47 0.68 0.94 1.27 1.81 2.54 3.93 5.84 9.21									
	0.12	0.23	4.12	1.86 0.12 0.15 0.18 0.26 0.37 0.65 0.93 1.31 1.87 2.72 4.10 6.09 9.58									
	0.92	*0.99*	*1.38*	*2.10 1.14 1.02 1.09 1.22 1.38 1.60 1.68 1.86 1.75 1.35 1.87 2.35 3.54*									
812	03538275	35°56′50″	84°21′48″	BEAR CREAK NEAR OAK RIDGE (1)	7.15	7.32	65	2.249	26	3.09	7	9	03538270
	0.44	0.72	12.7	6.75 0.39 0.44 0.54 0.74 1.01 1.59 2.47 3.52 5.09 7.62 10.9 16.6 27.7									
	0.52	0.76	12.4	5.25 0.52 0.58 0.66 0.81 1.04 1.56 2.26 3.24 4.73 7.41 11.3 16.9 27.4									
	0.42	0.73	12.0	5.40 0.41 0.49 0.60 0.81 1.11 1.82 2.61 3.70 5.33 7.72 11.4 16.8 26.9									
	0.72	*0.84*	*1.92*	*2.38 0.88 0.83 0.89 1.02 1.17 1.44 1.57 1.77 1.87 1.65 2.06 2.88 2.85*									
813	03538296	36°09′17″	84°35′04″	GREASY CREEK NEAR GOBEY (0)	13.8	13.8	34	2.244	71	3.08	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	0.53	25.3	9.16 0.00 0.00 0.00 0.55 0.88 1.63 2.79 4.56 7.98 14.0 22.3 33.0 57.5									
	0.00	0.26	22.7	6.65 0.00 0.00 0.00 0.31 0.51 1.01 1.96 3.62 6.57 11.4 18.1 30.4 51.8									
	0.54	*0.81*	*2.32*	*3.15 0.50 0.54 0.65 0.90 1.07 1.43 1.69 1.75 1.83 2.13 2.68 3.72 4.52*									
814	035382968	36°08′58″	84°35′50″	EMORY RIVER AT GOBEY (0)	43.3	43.4	34	2.245	74	3.35	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	1.21	83.3	27.7 0.00 0.00 0.85 1.37 2.42 4.78 8.59 14.7 26.5 47.0 72.7 111 197									
	0.00	0.88	73.5	22.4 0.00 0.00 0.66 1.04 1.74 3.45 6.72 12.4 22.3 38.4 59.8 98.6 167									
	1.14	*1.68*	*5.14*	*4.27 0.61 0.64 0.69 0.82 0.98 1.41 1.85 2.07 2.42 2.79 5.13 6.68 7.26*									
815	03538398	36°08′02″	84°37′31″	ROCK CREEK NEAR GOBEY (0)	31.2	31.3	35	2.246	65	2.63	1	--	--
	--	--	--	-- -- -- -- -- ----- -- -- -- -- -- -- -- --									
	0.00	0.97	56.9	19.0 0.00 0.00 0.72 1.11 1.80 3.41 5.93 9.96 17.7 30.8 48.5 75.4 132									
	0.00	0.69	50.7	15.8 0.00 0.00 0.52 0.81 1.32 2.57 4.85 8.74 15.5 26.3 41.1 67.8 116									
	0.88	*1.55*	*4.85*	*4.51 0.55 0.69 0.80 0.97 1.10 1.41 2.03 2.23 2.58 2.99 4.85 6.25 7.28*									
816	03538600	35°57′27″	85°03′00″	OBED RIVER AT CROSSVILLE (0)	12.0	12.0	32	2.282	9	3.31	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	0.13	22.8	6.51 0.00 0.00 0.00 0.15 0.26 0.66 1.49 3.32 6.67 11.5 19.3 29.5 52.7									
	0.00	0.08	20.8	4.87 0.00 0.00 0.00 0.10 0.20 0.58 1.23 2.49 4.91 9.25 16.7 30.2 54.6									
	0.55	*0.83*	*3.92*	*4.29 0.44 0.48 0.55 0.73 0.83 1.37 1.94 2.27 2.70 3.25 4.07 4.72 5.75*									

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
817	03538871	36°03′16″	84°51′21″	OTTER CREEK NEAR HEBBERTSBURG (0)	11.4	16.9	32	2.276	9	3.31	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.10	30.0	7.66 0.00 0.00 0.00 0.12 0.21 0.58	1.45	3.49	7.47	13.2		22.3	35.6		67.4
	0.00	0.12	29.2	7.00 0.00 0.00 0.00 0.15 0.29 0.83	1.77	3.58	7.05	13.2		23.7	42.5		76.9
	0.64	*0.96*	*4.56*	*4.49 0.50 0.53 0.61 0.80 0.95 1.52*	*2.13*	*2.38*	*2.85*	*3.73*		*5.67*	*7.15*		*7.44*
818	03539000	35°53′26″	84°56′16″	DADDYS CREEK NEAR GRASSY COVE (0)	51.2	52.2	32	2.284	17	3.13	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.24	95.1	25.1 0.00 0.00 0.17 0.33 0.64 2.04	5.28	12.2	25.3	45.8		75.3	121		225
	0.00	0.41	91.5	22.3 0.00 0.00 0.29 0.52 1.00 2.64	5.67	11.5	22.5	42.0		72.9	129		232
	1.26	*1.96*	*6.44*	*5.67 0.58 0.64 0.73 0.92 1.05 1.63*	*2.37*	*2.98*	*3.32*	*3.96*		*5.95*	*6.39*		*7.99*
819	03539650	35°59′43″	84°49′15″	CRABAPPLE BRANCH NR WATSON (0)	5.05	5.12	32	2.279	37	2.66	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.14	9.89	3.03 0.00 0.00 0.00 0.00 0.24 0.47	0.86	1.60	3.05	5.14		8.69	13.4		23.1
	0.00	0.04	8.41	1.90 0.00 0.00 0.00 0.00 0.09 0.22	0.47	0.95	1.89	3.60		6.24	11.3		20.5
	0.37	*0.58*	*2.91*	*3.50 0.45 0.47 0.56 0.79 0.99 1.44*	*1.91*	*2.23*	*2.68*	*2.70*		*3.73*	*5.35*		*7.62*
820	03539715	36°05′23″	85°03′50″	NO BUSINESS CREEK AT ISOLINE (0)	2.83	2.86	32	2.277	9	3.31	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.00	5.45	1.82 0.00 0.00 0.00 0.00 0.10 0.21	0.44	0.93	1.84	2.97		4.80	7.52		13.2
	0.00	0.00	4.82	1.09 0.00 0.00 0.00 0.00 0.05 0.13	0.27	0.55	1.10	2.08		3.82	7.02		12.7
	0.47	*0.57*	*1.38*	*3.18 0.71 0.66 0.72 0.92 1.16 1.72*	*2.16*	*2.50*	*2.35*	*1.73*		*2.22*	*3.36*		*4.36*
821	03539748	36°07′44″	84°43′19″	LITTLE CLEAR CREEK NEAR HOWARD MILL (0)	10.5	10.7	34	2.247	49	2.76	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.37	18.7	6.38 0.00 0.00 0.00 0.38 0.60 1.11	1.90	3.25	5.72	9.59		15.7	24.5		42.6
	0.00	0.18	17.2	4.95 0.00 0.00 0.00 0.21 0.36 0.74	1.44	2.67	4.87	8.51		13.8	23.4		40.4
	0.54	*0.79*	*2.45*	*3.45 0.50 0.53 0.62 0.84 1.00 1.36*	*1.67*	*1.87*	*2.10*	*2.20*		*2.46*	*3.04*		*4.03*
822	03540090	35°58′09″	84°40′13″	CRAB ORCHARD CREEK AT PINE ORCHARD (0)	18.9	18.9	32	2.257	24	2.96	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.24	34.7	10.0 0.00 0.00 0.00 0.27 0.47 1.14	2.36	4.72	9.31	16.9		28.4	44.5		80.3
	0.00	0.16	31.4	7.80 0.00 0.00 0.00 0.20 0.36 0.91	1.96	3.95	7.75	14.4		24.7	44.0		78.5
	0.62	*1.00*	*4.50*	*4.83 0.47 0.51 0.59 0.78 0.92 1.33*	*2.00*	*2.28*	*2.75*	*3.60*		*5.19*	*6.63*		*7.25*
823	03540103	36°01′34″	84°35′19″	MILL CREEK NEAR DEERMONT (0)	7.52	7.55	32	2.251	17	3.13	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.13	12.8	3.47 0.00 0.00 0.00 0.13 0.23 0.45	0.89	1.79	3.51	5.94		10.5	17.4		31.0
	0.00	0.06	12.4	3.05 0.00 0.00 0.00 0.07 0.14 0.36	0.76	1.54	3.02	5.63		9.88	17.8		31.7
	0.69	*0.83*	*2.23*	*3.63 0.80 0.79 0.86 1.04 1.20 1.58*	*1.78*	*1.86*	*2.12*	*2.21*		*2.56*	*3.18*		*4.12*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
824	03541487	35°51′14″	84°44′17″	PINEY CREEK NEAR WESTEL (0)							19.0	18.9	32	2.268	22	3.02	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.19	35.0	9.61	0.00	0.00	0.00	0.22	0.38	0.95	2.12	4.50	9.18	16.8		28.2	44.3		80.6
	0.00	0.15	31.9	7.76	0.00	0.00	0.00	0.19	0.36	0.91	1.95	3.94	7.75	14.5		25.0	44.6		79.9
	0.70	*1.03*	*4.51*	*4.70*	*0.52*	*0.55*	*0.64*	*0.84*	*0.99*	*1.59*	*2.22*	*2.42*	*2.86*	*3.66*		*5.30*	*6.76*		*7.17*
825	03541490	35°52′29″	84°47′19″	MAMMYS CREEK NEAR OZONE (0)							9.54	9.35	32	2.267	38	2.64	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.24	18.0	5.67	0.00	0.00	0.00	0.25	0.41	0.84	1.58	2.91	5.39	9.17		15.4	23.6		41.5
	0.00	0.08	15.3	3.61	0.00	0.00	0.00	0.10	0.18	0.42	0.89	1.80	3.57	6.71		11.5	20.7		37.2
	0.53	*0.80*	*3.06*	*4.03*	*0.49*	*0.52*	*0.60*	*0.80*	*0.90*	*1.41*	*1.87*	*2.15*	*2.47*	*2.86*		*3.46*	*3.97*		*5.05*
826	03541990	35°51′51″	84°41′20″	BLACK CREEK AT ROCKWOOD (1)							3.48	3.50	42	2.265	66	2.67	1	4	03543500
	0.27	0.37	6.00	1.91	0.27	0.29	0.33	0.40	0.49	0.65	0.87	1.24	1.81	2.68		4.60	7.14		12.3
	0.17	0.29	5.59	2.64	0.15	0.19	0.23	0.31	0.42	0.65	0.98	1.49	2.24	3.07		4.42	6.86		12.3
	0.08	0.15	5.63	1.90	0.08	0.09	0.12	0.17	0.25	0.42	0.70	1.14	1.87	3.02		4.63	7.43		12.4
	0.48	*0.57*	*1.55*	*2.69*	*0.79*	*0.71*	*0.77*	*0.91*	*1.10*	*1.46*	*1.70*	*2.00*	*1.89*	*1.44*		*2.00*	*3.26*		*4.68*
827	03541995	35°47′44″	84°45′25″	BLACK CREEK NEAR GLEN ALICE (1)							11.8	11.9	48	2.275	76	2.48	6	13	03543500
	1.69	2.24	19.7	9.45	1.70	1.81	2.02	2.38	2.84	3.65	4.71	6.45	8.98	12.7		17.2	24.2		41.8
	0.62	0.98	18.6	8.37	0.57	0.67	0.82	1.09	1.44	2.26	3.34	4.86	7.22	10.6		15.4	23.5		40.9
	0.42	0.76	19.4	7.22	0.41	0.49	0.62	0.84	1.18	1.86	2.94	4.55	7.14	11.1		16.4	25.3		41.8
	0.41	*0.75*	*3.51*	*5.07*	*0.41*	*0.44*	*0.52*	*0.72*	*0.90*	*1.22*	*1.97*	*2.85*	*2.89*	*3.12*		*3.40*	*3.78*		*6.46*
828	03542000	35°47′40″	84°44′51″	WHITES CREEK AT GLEN ALICE (1)							120	122	34	2.274	37	2.88	4	10	03540500
	0.33	1.68	230	125	0.29	0.56	1.09	2.56	6.01	17.3	38.0	76.9	140	222		227	324		603
	0.54	1.66	215	67.2	0.56	0.83	1.20	2.10	3.77	8.92	18.4	35.9	65.9	111		174	274		499
	0.81	2.06	211	61.9	0.81	1.12	1.54	2.52	4.34	9.45	18.5	34.2	62.2	108		173	286		498
	0.94	*1.50*	*8.40*	*4.96*	*0.43*	*0.49*	*0.56*	*0.75*	*1.03*	*1.64*	*2.40*	*3.21*	*3.85*	*4.05*		*6.48*	*6.76*		*8.75*
829	03542503	35°41′24″	84°51′28″	TOWN CREEK AT SPRING CITY (1)							6.69	6.81	59	2.294	54	1.62	2	6	03543500
	0.81	1.08	10.9	4.69	0.81	0.86	0.96	1.14	1.37	1.77	2.29	3.17	4.45	6.35		9.21	13.7		23.7
	0.50	0.73	10.3	4.38	0.46	0.53	0.63	0.80	1.02	1.47	2.04	2.85	4.02	5.72		8.85	14.4		24.3
	0.31	0.52	10.5	3.97	0.30	0.36	0.44	0.57	0.76	1.17	1.73	2.55	3.87	5.87		8.79	13.5		22.9
	0.73	*0.95*	*2.22*	*2.45*	*0.87*	*0.83*	*0.92*	*1.13*	*1.34*	*1.67*	*1.79*	*1.94*	*1.81*	*1.67*		*3.25*	*6.01*		*7.83*
830	03542505	35°43′11″	84°47′50″	MUDDY CREEK NEAR ST CLAIR (1)							3.03	3.05	65	2.294	63	1.37	6	7	03543500
	0.24	0.33	4.60	1.60	0.25	0.26	0.30	0.36	0.43	0.57	0.75	1.06	1.52	2.22		3.60	6.22		10.8
	0.31	0.44	4.73	2.34	0.29	0.33	0.38	0.47	0.58	0.82	1.10	1.49	2.09	2.84		4.05	6.06		10.4
	0.16	0.26	4.53	1.72	0.16	0.19	0.22	0.28	0.36	0.53	0.76	1.10	1.66	2.49		3.73	5.75		9.73
	0.53	*0.62*	*1.84*	*2.17*	*0.70*	*0.61*	*0.66*	*0.78*	*0.95*	*1.19*	*1.40*	*1.66*	*1.69*	*1.43*		*2.73*	*5.01*		*6.40*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
831	03543200	35°37′05″	84°41′30″	TEN MILE CREEK NEAR DECATUR (1)							26.4	26.1	66	2.300	39	1.62	8	12	03543500
	0.72	0.96	29.0	4.46	0.73	0.78	0.87	1.04	1.25	1.63	2.14	2.98	4.23	6.09		17.4	54.2		93.6
	1.14	1.91	41.1	12.9	1.09	1.34	1.62	2.09	2.69	3.78	5.58	8.21	12.1	19.3		33.0	57.6		100
	1.43	2.36	41.4	16.9	1.40	1.66	1.99	2.60	3.47	5.40	7.78	11.2	16.5	24.4		36.1	54.0		90.8
	0.40	*0.67*	*3.42*	*3.14*	*0.41*	*0.46*	*0.51*	*0.58*	*0.68*	*0.82*	*1.21*	*1.64*	*1.75*	*1.66*		*2.86*	*4.21*		*6.68*
832	03543290	35°35′30″	84°40′37″	S FORK LITTLE SEWEE CR AT SEWEE (1)							13.3	13.8	101	2.301	60	1.75	9	10	03543500
	2.66	3.40	24.5	12.6	2.68	2.83	3.12	3.63	4.26	5.35	6.73	8.95	12.1	16.5		22.0	27.3		47.2
	1.61	2.20	23.3	10.4	1.54	1.70	1.93	2.34	2.87	3.86	5.18	7.13	10.1	14.3		20.9	30.2		49.6
	1.75	2.46	22.0	10.2	1.68	1.87	2.14	2.58	3.16	4.20	5.50	7.26	10.0	13.9		19.6	28.1		45.7
	0.72	*0.68*	*1.37*	*1.54*	*0.79*	*0.67*	*0.69*	*0.68*	*0.72*	*0.76*	*0.89*	*1.03*	*1.08*	*1.29*		*2.09*	*3.13*		*4.77*
833	03543300	35°35′54″	84°42′13″	LITTLE SEWEE CR NR CENTER POINT (1)							32.3	32.0	98	2.300	53	1.90	8	11	03543500
	6.20	8.30	60.0	36.7	6.25	6.65	7.45	8.83	10.6	13.8	17.9	24.7	34.8	49.8		54.0	66.3		115
	4.41	5.99	54.4	25.4	4.28	4.70	5.31	6.41	7.78	10.3	13.5	18.3	25.0	34.7		49.1	71.2		116
	3.96	5.64	52.3	24.8	3.80	4.25	4.89	6.00	7.48	10.2	13.5	17.8	24.5	34.0		47.6	67.5		109
	0.60	*0.67*	*1.51*	*1.75*	*0.74*	*0.67*	*0.72*	*0.77*	*0.90*	*1.07*	*1.19*	*1.32*	*1.32*	*1.47*		*2.29*	*3.27*		*5.51*
834	03544220	35°30′12″	84°48′15″	DECATUR CREEK NEAR DECATUR (1)							6.48	6.95	68	2.304	37	2.52	2	7	03543500
	0.24	0.32	7.50	1.42	0.24	0.26	0.29	0.34	0.41	0.53	0.69	0.96	1.35	1.93		4.60	13.3		23.0
	0.51	0.73	10.4	4.00	0.47	0.54	0.63	0.80	1.01	1.41	1.94	2.70	3.87	5.64		9.16	15.4		25.4
	0.43	0.71	11.7	4.72	0.42	0.49	0.59	0.77	1.04	1.60	2.28	3.24	4.73	6.99		10.4	15.5		25.4
	0.63	*0.81*	*2.36*	*2.51*	*0.69*	*0.65*	*0.71*	*0.86*	*1.01*	*1.23*	*1.50*	*1.73*	*1.66*	*1.60*		*3.02*	*4.64*		*6.12*
835	03544235	35°29′34″	84°49′55″	GOODFIELD CREEK NEAR GOODFIELD (1)							22.2	22.1	69	2.304	38	2.26	3	5	03543500
	1.19	1.62	30.0	8.35	1.20	1.28	1.45	1.75	2.15	2.85	3.80	5.42	7.88	11.7		22.5	45.5		78.7
	1.20	1.93	33.5	11.9	1.15	1.40	1.66	2.11	2.69	3.74	5.39	7.73	11.2	17.6		29.2	48.9		82.4
	1.42	2.33	37.2	15.5	1.39	1.63	1.95	2.56	3.44	5.30	7.53	10.6	15.5	22.7		33.2	49.0		80.6
	0.39	*0.62*	*2.11*	*2.27*	*0.38*	*0.42*	*0.45*	*0.50*	*0.59*	*0.70*	*0.97*	*1.26*	*1.30*	*1.43*		*2.91*	*4.00*		*5.87*
836	03544612	35°30′12″	85°00′24″	LITTLE RICHLAND CK AT DAYTON (1)							17.3	18.1	52	2.324	60	1.62	6	6	03543500
	0.97	1.30	26.1	6.20	0.98	1.04	1.17	1.39	1.68	2.18	2.84	3.95	5.59	10.2		19.3	35.5		61.4
	0.86	1.36	28.7	10.1	0.83	0.96	1.17	1.55	2.02	3.06	4.48	6.52	9.62	14.9		23.3	36.9		64.2
	0.63	1.12	29.3	10.1	0.62	0.75	0.92	1.23	1.71	2.70	4.16	6.37	10.0	15.7		23.7	36.9		63.3
	0.38	*0.63*	*4.47*	*3.27*	*0.37*	*0.39*	*0.45*	*0.58*	*0.72*	*0.93*	*1.39*	*1.85*	*1.96*	*2.13*		*3.31*	*4.57*		*7.03*
837	03555875	35°15′04″	84°17′33″	COKER CREEK NEAR COKER CREEK (1)							6.56	6.55	89	2.307	20	6.47	10	10	03518500
	0.51	0.76	9.40	3.27	0.49	0.54	0.63	0.81	1.06	1.50	1.99	2.60	3.36	5.90		11.0	21.5		31.2
	0.66	0.91	9.79	3.77	0.64	0.70	0.80	0.98	1.20	1.56	1.99	2.63	3.78	5.53		9.31	15.3		24.1
	0.70	1.15	12.9	6.04	0.68	0.78	0.93	1.25	1.70	2.66	3.54	4.69	6.34	8.96		13.0	18.3		28.0
	0.52	*0.54*	*1.25*	*1.52*	*0.61*	*0.49*	*0.51*	*0.55*	*0.60*	*0.68*	*0.81*	*0.95*	*1.02*	*1.22*		*2.22*	*3.57*		*5.20*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
838	03555882	35°14′29″	84°19′04″	BARNEY CREEK NR COKER CREEK (1)	4.29	4.28	50	2.308	7	9.72	6	18	03565500
	0.37	0.47	3.90	1.35 0.35 0.37 0.41 0.48 0.55 0.62	0.70	0.86	1.47	1.90		3.80	8.96		13.6
	0.32	0.48	6.55	2.43 0.30 0.33 0.39 0.49 0.63 0.87	1.16	1.59	2.37	3.46		6.23	10.8		17.1
	0.12	0.27	8.96	3.38 0.12 0.15 0.20 0.31 0.50 1.04	1.60	2.41	3.63	5.63		8.96	13.6		21.4
	0.50	*0.63*	*2.25*	*2.65 0.73 0.67 0.72 0.86 1.04 1.36*	*1.62*	*1.89*	*1.93*	*1.67*		*3.65*	*12.6*		*17.1*
839	03556510	35°13′37″	84°25′27″	TOWEE CREEK NEAR SPRINGTOWN (1)	7.71	7.54	50	2.311	7	9.72	5	5	03518500
	1.05	1.60	15.0	6.93 1.00 1.11 1.31 1.68 2.20 3.13	4.18	5.49	7.13	10.6		17.0	25.3		36.7
	0.40	0.63	10.6	3.55 0.37 0.44 0.52 0.67 0.87 1.21	1.66	2.34	3.57	5.38		9.84	17.8		28.6
	0.21	0.48	16.0	6.10 0.21 0.27 0.35 0.56 0.90 1.88	2.91	4.37	6.56	10.1		16.0	24.2		38.0
	0.30	*0.49*	*2.94*	*2.37 0.39 0.40 0.47 0.62 0.77 1.05*	*1.30*	*1.60*	*1.64*	*1.76*		*3.49*	*7.62*		*14.0*
840	03556550	35°10′51″	84°29′12″	BIG LOST CREEK NEAR RELIANCE (1)	18.9	18.6	103	2.314	9	9.29	6	6	03518500
	1.21	1.87	44.0	14.5 1.15 1.28 1.51 1.95 2.57 3.68	4.95	6.54	14.7	28.0		47.9	62.0		90.0
	2.14	2.88	31.6	12.5 2.17 2.35 2.62 3.12 3.75 4.97	6.41	8.68	13.1	20.7		32.3	45.8		72.6
	2.27	3.84	39.8	20.3 2.24 2.58 3.07 4.30 6.00 10.1	13.1	16.8	21.9	30.1		43.4	59.3		88.8
	0.57	*0.57*	*1.79*	*1.21 0.68 0.58 0.61 0.64 0.71 0.79*	*0.81*	*0.84*	*0.90*	*1.24*		*2.91*	*6.78*		*13.4*
841	03556560	35°11′22″	84°29′26″	CHILDERS CREEK NEAR RELIANCE (1)	4.39	4.23	67	2.314	27	6.14	6	6	03556000
	1.07	1.38	4.50	3.53 1.02 1.12 1.25 1.43 1.69 2.07	2.45	2.90	3.44	4.04		7.40	11.2		14.3
	0.40	0.57	6.32	2.70 0.38 0.42 0.49 0.61 0.77 1.04	1.38	1.84	2.60	3.65		5.82	9.65		15.7
	0.29	0.51	8.27	3.41 0.28 0.33 0.40 0.56 0.78 1.25	1.78	2.50	3.58	5.30		7.85	11.5		17.9
	0.53	*0.62*	*1.97*	*2.14 0.63 0.56 0.60 0.70 0.81 0.98*	*1.18*	*1.41*	*1.43*	*1.35*		*2.82*	*6.32*		*7.91*
842	03556610	35°11′24″	84°30′22″	JUNEBUG CREEK AT RELIANCE (1)	2.20	2.20	120	2.314	48	2.24	3	7	03461200
	0.09	0.17	1.93	1.13 0.09 0.10 0.13 0.18 0.26 0.44	0.64	0.83	1.06	1.32		3.00	8.19		11.9
	0.24	0.35	3.36	1.38 0.23 0.26 0.30 0.35 0.43 0.57	0.73	0.97	1.40	2.01		3.04	4.60		7.49
	0.33	0.46	3.61	1.65 0.32 0.35 0.40 0.48 0.58 0.75	0.95	1.22	1.64	2.28		3.26	4.68		7.50
	0.43	*0.47*	*2.44*	*1.83 0.47 0.34 0.37 0.40 0.49 0.63*	*0.71*	*0.93*	*1.38*	*2.14*		*5.28*	*4.16*		*5.70*
843	03556700	35°16′17″	84°25′00″	SPRING CREEK NEAR SERVILLA (1)	3.82	4.06	66	2.309	27	6.01	9	19	03518500
	0.16	0.24	3.20	0.94 0.15 0.17 0.20 0.25 0.32 0.44	0.58	0.75	0.96	1.20		3.60	12.5		18.2
	0.36	0.52	6.23	2.71 0.34 0.38 0.44 0.55 0.70 0.98	1.32	1.79	2.55	3.60		5.67	9.24		15.1
	0.27	0.47	7.86	3.24 0.26 0.31 0.38 0.52 0.73 1.18	1.68	2.37	3.39	5.03		7.46	10.9		17.1
	0.52	*0.60*	*2.01*	*2.16 0.64 0.56 0.61 0.71 0.84 1.03*	*1.32*	*1.59*	*1.58*	*1.45*		*3.10*	*6.98*		*9.14*
844	03556990	35°13′14″	84°30′51″	SPRING CREEK NEAR RELIANCE (1)	32.4	33.1	105	2.313	43	3.16	6	7	03518500
	3.10	4.75	53.0	20.1 2.96 3.29 3.85 4.94 6.46 9.16	12.2	16.0	20.7	36.0		59.0	106		154
	4.64	6.23	55.9	25.3 4.49 4.87 5.50 6.59 7.98 10.5	13.5	18.0	25.0	36.2		52.1	75.4		121
	4.86	7.01	59.6	29.1 4.70 5.20 5.99 7.50 9.50 13.1	17.0	22.1	29.7	40.9		56.8	78.9		124
	0.47	*0.46*	*1.71*	*1.29 0.60 0.53 0.56 0.56 0.62 0.71*	*0.76*	*0.79*	*0.95*	*1.40*		*2.54*	*4.00*		*6.99*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
845	03557148	35°17′04″	84°32′44″	CONASAUGA CR AT HWY 411 NR ETOWAH (1)							79.4	79.9	85	2.311	39	3.25	4	4	03518500
	14.0	20.3	151	78.0	13.4	14.8	17.0	21.4	27.4	37.8	49.2	63.1	90.0	121		201	260		378
	7.62	10.8	135	55.3	7.29	8.18	9.46	11.8	14.7	20.4	27.7	38.4	55.1	81.8		122	181		300
	8.57	13.2	146	69.0	8.32	9.44	11.1	14.4	19.0	28.0	38.0	51.1	70.7	99.3		139	195		309
	1.02	*1.05*	*2.31*	*2.61*	*1.01*	*0.97*	*0.97*	*1.01*	*1.15*	*1.37*	*1.52*	*1.66*	*1.70*	*1.65*		*1.96*	*2.61*		*4.29*
846	03557185	35°20′09″	84°31′07″	CANE CREEK NEAR NORTH ETOWAH (1)							5.93	5.99	82	2.308	29	0.98	2	4	03565040
	0.35	0.46	6.70	1.79	0.37	0.41	0.42	0.48	0.57	0.77	1.07	1.42	1.97	2.76		5.70	12.6		19.7
	0.58	0.80	8.81	3.43	0.55	0.61	0.70	0.86	1.07	1.40	1.81	2.44	3.47	5.00		8.07	13.1		21.3
	0.37	0.57	8.65	3.46	0.36	0.42	0.49	0.62	0.78	1.19	1.63	2.27	3.31	4.82		7.32	11.1		19.3
	0.51	*0.54*	*1.53*	*1.81*	*0.59*	*0.48*	*0.51*	*0.56*	*0.64*	*0.75*	*0.93*	*1.11*	*1.18*	*1.38*		*2.87*	*5.01*		*6.92*
847	03557200	35°18′04″	84°32′16″	CANE CREEK NEAR ETOWAH (1)							9.93	9.83	93	2.310	31	1.04	9	20	03565300
	0.66	0.95	15.5	5.28	0.62	0.72	0.86	1.09	1.28	1.73	2.34	3.40	4.97	7.32		11.6	18.2		31.5
	0.95	1.32	16.0	6.20	0.91	1.01	1.16	1.43	1.76	2.34	3.10	4.21	6.18	9.18		14.3	21.9		35.9
	0.78	1.16	14.4	6.11	0.75	0.87	1.01	1.25	1.55	2.29	3.05	4.13	5.88	8.39		12.5	18.6		31.8
	0.64	*0.64*	*1.38*	*1.55*	*0.77*	*0.64*	*0.66*	*0.67*	*0.72*	*0.78*	*0.90*	*1.05*	*1.01*	*1.14*		*1.98*	*3.37*		*4.70*
848	03557300	35°14′35″	84°36′17″	CONASAUGA CREEK NEAR DELANO (1)							101	101	90	2.313	43	2.83	8	14	03518500
	18.1	27.1	220	118	17.3	19.2	22.5	28.8	37.7	53.5	71.2	93.4	121	168		250	331		481
	12.0	16.6	178	77.7	11.4	12.8	14.7	18.2	22.4	30.4	40.6	55.2	77.3	112		163	237		388
	11.8	17.7	182	87.0	11.5	12.9	15.1	19.3	25.0	36.0	48.3	64.4	88.7	124		172	240		382
	1.01	*0.93*	*2.00*	*1.83*	*1.02*	*0.99*	*0.98*	*0.97*	*1.00*	*1.07*	*1.13*	*1.21*	*1.26*	*1.32*		*1.67*	*2.37*		*4.13*
849	03561905	35°03′30″	84°24′42″	BRUSH CREEK NR DUCKTOWN STATION (1)							9.89	9.72	175	2.317	80	2.40	6	6	03556000
	4.96	6.20	18.9	16.0	4.63	5.11	5.66	6.51	7.68	9.38	11.1	13.1	15.5	18.2		21.5	25.3		32.2
	3.42	5.23	24.0	16.5	3.19	3.75	4.46	5.52	6.85	8.84	10.8	13.0	16.1	20.4		25.4	32.2		44.5
	3.03	3.64	16.5	8.70	2.87	2.97	3.26	3.68	4.20	4.83	5.71	6.89	8.74	11.5		15.4	20.9		32.5
	0.45	*0.41*	*2.25*	*0.66*	*0.30*	*0.23*	*0.25*	*0.24*	*0.26*	*0.31*	*0.33*	*0.40*	*0.54*	*0.96*		*1.90*	*3.38*		*4.95*
850	03563101	35°07′04″	84°34′24″	GREASY CREEK NEAR ARCHVILLE (1)							18.6	18.2	98	2.318	33	4.67	6	6	03556000
	0.73	1.08	12.0	5.40	0.68	0.79	0.93	1.16	1.51	2.08	2.72	3.54	4.64	10.7		24.5	47.6		60.5
	1.80	2.47	29.1	11.7	1.77	1.95	2.20	2.66	3.23	4.28	5.74	7.93	11.7	17.5		27.0	39.7		64.4
	2.42	3.68	34.8	16.6	2.35	2.63	3.07	3.97	5.19	7.49	9.82	12.8	17.3	24.1		34.0	47.3		73.1
	0.72	*0.73*	*2.48*	*1.75*	*0.82*	*0.72*	*0.76*	*0.78*	*0.87*	*0.98*	*1.10*	*1.14*	*1.20*	*1.70*		*4.37*	*9.25*		*14.3*
851	03564920	35°10′58″	84°39′48″	FOURMILE CREEK NEAR BENTON (1)							7.40	6.92	94	2.317	68	1.68	3	6	03543500
	0.90	1.20	12.1	5.19	0.89	0.95	1.06	1.26	1.51	1.95	2.54	3.50	4.92	7.02		10.2	15.2		26.3
	0.68	0.92	10.3	4.27	0.64	0.71	0.81	0.98	1.19	1.56	2.05	2.83	4.16	5.98		9.00	13.8		22.9
	0.77	1.10	11.0	4.72	0.74	0.83	0.95	1.15	1.41	1.86	2.47	3.32	4.66	6.65		9.51	13.9		22.8
	0.53	*0.55*	*1.35*	*1.68*	*0.62*	*0.50*	*0.53*	*0.57*	*0.64*	*0.75*	*0.90*	*1.07*	*1.18*	*1.38*		*2.69*	*3.85*		*5.06*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
852	03565080	35°25′37″	84°26′45″	LITTLE CHESTUEE CR NR ENGLEWOOD (1)							8.24	8.17	69	2.305	25	1.15	5	13	03565040
	2.23	2.70	15.6	9.80	2.35	2.54	2.64	2.95	3.45	4.53	6.15	7.95	10.7	13.0		15.0	17.5		27.3
	0.61	0.87	12.1	4.33	0.57	0.64	0.75	0.94	1.18	1.61	2.18	3.02	4.35	6.46		10.9	18.9		30.6
	0.37	0.63	12.1	4.68	0.37	0.44	0.53	0.69	0.91	1.48	2.11	3.02	4.51	6.70		10.3	15.8		27.4
	0.66	*0.83*	*2.07*	*2.28*	*0.72*	*0.68*	*0.75*	*0.91*	*1.05*	*1.24*	*1.46*	*1.62*	*1.49*	*1.32*		*2.64*	*4.47*		*5.80*
853	03565087	35°24′22″	84°29′49″	CHESTUEE CR AT HWY 411 NR ENGLEWOOD (1)							33.5	33.5	100	2.306	24	0.85	4	4	03565250
	6.24	7.75	44.3	21.3	6.77	6.98	7.34	8.17	9.25	11.9	14.6	18.9	24.1	32.3		43.4	61.0		90.3
	4.79	6.48	60.0	28.0	4.62	5.02	5.69	6.90	8.49	11.5	14.9	20.0	28.7	42.0		61.0	87.4		134
	2.74	4.06	48.3	21.6	2.65	3.11	3.58	4.41	5.48	8.28	10.9	14.6	20.6	28.8		42.6	62.5		108
	0.50	*0.52*	*1.38*	*1.49*	*0.63*	*0.57*	*0.61*	*0.64*	*0.72*	*0.86*	*0.96*	*1.07*	*1.09*	*1.29*		*2.09*	*3.03*		*5.09*
854	03565130	35°31′09″	84°25′17″	DANCING CREEK NEAR CHRISTIANBURG (1)							2.90	2.94	119	2.302	39	1.14	2	4	03543500
	0.34	0.45	4.73	2.03	0.35	0.37	0.42	0.49	0.59	0.77	0.99	1.37	1.93	2.75		3.99	5.95		10.3
	0.31	0.45	4.61	1.94	0.31	0.34	0.39	0.47	0.57	0.77	0.99	1.33	1.94	2.79		4.12	6.12		10.0
	0.35	0.49	4.27	1.92	0.34	0.38	0.43	0.51	0.61	0.82	1.03	1.34	1.84	2.56		3.73	5.48		9.15
	0.46	*0.50*	*2.81*	*1.73*	*0.47*	*0.35*	*0.38*	*0.41*	*0.49*	*0.63*	*0.70*	*0.90*	*1.30*	*2.33*		*5.99*	*4.20*		*5.24*
855	03565405	35°10′10″	84°49′30″	LITTLE CHATATA CREEK NEAR CLEVELAND (1)							2.04	2.15	120	2.321	78	1.66	4	4	03565300
	0.09	0.12	3.22	0.77	0.08	0.09	0.11	0.14	0.17	0.24	0.32	0.48	0.72	1.35		2.47	3.73		6.48
	0.27	0.38	3.33	1.49	0.26	0.29	0.32	0.38	0.46	0.62	0.80	1.05	1.51	2.13		3.01	4.30		7.00
	0.34	0.45	3.38	1.49	0.33	0.35	0.40	0.46	0.54	0.66	0.83	1.08	1.46	2.05		2.91	4.21		6.85
	0.42	*0.45*	*2.42*	*1.74*	*0.46*	*0.33*	*0.36*	*0.39*	*0.46*	*0.60*	*0.68*	*0.91*	*1.29*	*2.03*		*5.41*	*4.23*		*5.76*
856	03565410	35°13′11″	84°45′56″	CHATATA CREEK NEAR TASSO (1)							24.3	24.7	134	2.317	85	1.67	5	5	03565120
	3.22	3.95	32.0	12.0	3.25	3.39	3.67	4.19	4.92	6.21	7.96	10.2	13.3	18.0		29.0	49.8		76.5
	5.30	6.71	40.6	19.9	5.03	5.40	6.02	6.92	8.08	9.89	12.1	15.2	19.7	26.0		35.6	49.6		79.6
	5.12	6.46	40.0	19.7	4.88	5.20	5.79	6.65	7.78	9.37	11.6	14.7	19.5	26.4		35.9	49.8		80.0
	0.60	*0.61*	*4.08*	*1.24*	*0.60*	*0.51*	*0.55*	*0.56*	*0.62*	*0.70*	*0.74*	*0.78*	*0.98*	*1.55*		*3.09*	*7.19*		*16.4*
857	03565436	35°27′23″	84°34′47″	OOSTANAULA CR AB INGLESIDE SPRG, ATHENS (1)							22.1	23.0	133	2.305	83	1.57	5	18	03543500
	5.30	7.10	56.0	31.8	5.35	5.69	6.39	7.58	9.13	11.8	15.4	21.4	30.2	43.2		51.5	62.0		78.4
	4.89	6.24	38.7	19.4	4.63	4.98	5.57	6.46	7.58	9.33	11.5	14.6	19.0	25.1		34.0	47.3		76.4
	4.68	5.91	36.4	18.2	4.44	4.76	5.30	6.08	7.09	8.58	10.7	13.5	17.9	24.1		32.8	45.6		73.4
	0.82	*0.81*	*3.64*	*1.41*	*0.80*	*0.68*	*0.72*	*0.73*	*0.81*	*0.90*	*0.93*	*0.94*	*1.11*	*1.63*		*3.00*	*7.28*		*12.7*
858	03565700	35°18′35″	84°42′49″	OOSTANAULA CREEK NEAR CALHOUN (1)							67.0	67.8	138	2.312	58	1.34	5	7	03543500
	18.9	24.4	121	76.0	19.0	20.0	21.8	25.0	28.8	35.3	43.4	56.0	73.2	90.0		110	137		238
	17.7	22.6	131	70.1	16.8	18.3	20.3	23.8	28.1	35.3	43.8	55.1	71.6	94.5		126	170		262
	13.0	16.6	107	54.6	12.4	13.4	14.9	17.4	20.4	25.9	32.1	40.3	53.4	71.4		97.7	135		220
	0.87	*0.76*	*2.57*	*1.41*	*0.90*	*0.84*	*0.85*	*0.78*	*0.80*	*0.86*	*0.88*	*0.97*	*1.08*	*1.41*		*1.97*	*2.78*		*5.57*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
859	03566047	35°10′42″	84°51′36″	FILLAUERS BRANCH NEAR CLEVELAND (1)							1.52	1.34	104	2.321	53	1.22	1	5	03565040
	0.24	0.31	2.70	1.28	0.26	0.28	0.29	0.33	0.40	0.54	0.76	1.01	1.40	1.98		2.50	3.22		5.04
	0.16	0.23	2.16	1.01	0.15	0.17	0.19	0.23	0.29	0.39	0.51	0.68	0.98	1.39		1.97	2.78		4.57
	0.14	0.20	1.99	0.81	0.13	0.15	0.17	0.20	0.24	0.32	0.42	0.56	0.79	1.13		1.67	2.50		4.20
	0.42	*0.44*	*1.68*	*1.54*	*0.51*	*0.36*	*0.38*	*0.41*	*0.50*	*0.64*	*0.78*	*1.00*	*1.20*	*1.32*		*3.36*	*4.16*		*5.45*
860	03566050	35°12′03″	84°51′10″	SOUTH MOUSE CREEK AT CLEVELAND (1)							15.6	15.6	106	2.320	53	1.23	8	20	03565300
	1.69	2.30	30.5	12.2	1.58	1.82	2.17	2.71	3.17	4.21	5.60	8.01	11.5	16.6		24.0	34.0		49.5
	1.62	2.17	24.8	9.85	1.56	1.72	1.94	2.31	2.76	3.58	4.80	6.61	9.63	14.1		21.6	31.9		52.9
	1.84	2.55	24.0	10.6	1.77	1.98	2.25	2.69	3.25	4.35	5.66	7.47	10.4	14.6		20.8	30.2		50.4
	0.68	*0.68*	*2.27*	*1.56*	*0.81*	*0.68*	*0.72*	*0.74*	*0.83*	*0.93*	*1.03*	*1.05*	*1.11*	*1.53*		*3.70*	*8.74*		*15.9*
861	03566055	35°12′41″	84°51′07″	SOUTH MOUSE CR BL SCHOOL AT CLEVELAND (1)							16.4	16.3	106	2.319	52	1.21	1	5	03543500
	2.09	2.75	26.8	11.5	1.98	2.10	2.35	2.79	3.35	4.33	5.62	7.77	10.9	15.6		22.6	33.6		58.2
	1.72	2.29	25.8	10.3	1.66	1.81	2.05	2.44	2.91	3.78	5.05	6.94	10.1	14.8		22.5	33.3		55.2
	1.90	2.64	24.9	11.1	1.83	2.05	2.33	2.78	3.36	4.52	5.87	7.75	10.8	15.1		21.6	31.3		52.4
	0.69	*0.68*	*2.27*	*1.56*	*0.81*	*0.69*	*0.72*	*0.74*	*0.83*	*0.93*	*1.03*	*1.06*	*1.11*	*1.53*		*3.70*	*8.74*		*15.9*
862	03566102	35°13′50″	84°50′45″	SOUTH MOUSE CREEK NEAR CLEVELAND (1)							21.2	21.0	106	2.318	50	1.17	1	4	03543500
	2.57	3.37	34.6	14.9	2.55	2.72	3.04	3.61	4.33	5.60	7.27	10.0	14.1	20.1		29.2	43.5		75.2
	2.55	3.40	33.1	14.1	2.45	2.66	3.01	3.60	4.33	5.63	7.23	9.70	13.6	20.2		30.0	43.7		71.7
	2.43	3.37	32.0	14.3	2.33	2.62	2.98	3.56	4.32	5.84	7.59	10.0	13.9	19.5		27.9	40.3		67.5
	0.60	*0.59*	*2.41*	*1.48*	*0.73*	*0.62*	*0.66*	*0.68*	*0.76*	*0.87*	*0.91*	*0.92*	*1.09*	*1.74*		*4.18*	*9.87*		*19.7*
863	03566106	35°15′45″	84°48′54″	S MOUSE CR SE OF HENEGAR CH, CLEVELAND (1)							25.2	25.3	106	2.315	48	1.15	2	8	03543500
	2.96	3.98	41.1	17.7	3.04	3.23	3.62	4.29	5.15	6.66	8.64	11.9	16.8	23.9		34.7	51.7		89.4
	3.25	4.38	41.6	17.9	3.15	3.43	3.89	4.65	5.61	7.32	9.44	12.6	17.5	25.6		37.7	55.0		89.3
	2.91	4.05	38.5	17.4	2.80	3.15	3.58	4.29	5.21	7.09	9.22	12.2	16.9	23.6		33.7	48.6		81.6
	0.49	*0.48*	*1.73*	*1.32*	*0.58*	*0.50*	*0.53*	*0.55*	*0.61*	*0.70*	*0.75*	*0.80*	*0.96*	*1.40*		*2.53*	*4.21*		*7.46*
864	03566111	35°16′13″	84°46′55″	LITTLE S MOUSE CREEK NR CHARLESTON (1)							5.58	5.15	107	2.315	51	1.19	4	10	03565500
	0.72	0.95	7.36	3.46	0.68	0.73	0.82	1.00	1.19	1.37	1.56	2.03	3.84	5.25		7.24	10.2		17.7
	0.56	0.76	7.98	3.32	0.54	0.59	0.68	0.82	0.99	1.28	1.66	2.25	3.29	4.77		7.11	10.8		17.8
	0.58	0.81	7.70	3.33	0.56	0.63	0.71	0.84	1.02	1.36	1.75	2.32	3.22	4.55		6.60	9.70		16.2
	0.53	*0.56*	*2.68*	*2.39*	*0.66*	*0.51*	*0.55*	*0.60*	*0.68*	*0.80*	*1.00*	*1.35*	*1.89*	*3.02*		*5.69*	*4.06*		*4.89*
865	03566112	35°17′04″	84°48′03″	S MOUSE CR NR HENEGAR CH BL CLEVELAND (1)							35.1	34.4	106	2.314	47	1.13	3	9	03543500
	4.28	5.77	57.3	24.6	4.23	4.50	5.04	5.97	7.17	9.27	12.0	16.6	23.3	33.3		48.3	72.0		125
	4.95	6.63	58.1	26.4	4.79	5.19	5.86	7.01	8.46	11.1	14.2	18.9	26.2	37.5		53.7	77.3		125
	3.97	5.52	52.5	23.9	3.81	4.30	4.89	5.86	7.14	9.75	12.7	16.7	23.2	32.3		46.0	66.2		111
	0.55	*0.55*	*1.76*	*1.63*	*0.68*	*0.61*	*0.65*	*0.67*	*0.75*	*0.88*	*0.97*	*1.04*	*1.20*	*1.73*		*2.85*	*4.01*		*7.02*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
866	03566117	35°32′54″	84°33′45″	E FORK NORTH MOUSE CREEK NEAR NIOTA (1)	2.87	3.15	120	2.302	59	1.07	5	8	03565500
	0.12	0.18	3.50	0.93 0.11 0.12 0.15 0.19 0.23 0.28	0.34	0.47	1.07	1.95		3.40	5.99		9.11
	0.38	0.54	4.96	2.26 0.37 0.41 0.47 0.55 0.68 0.91	1.18	1.58	2.27	3.17		4.48	6.47		10.5
	0.42	0.56	4.53	2.03 0.40 0.45 0.50 0.58 0.68 0.86	1.09	1.42	1.94	2.70		3.88	5.68		9.48
	0.46	*0.51*	*2.72*	*1.78 0.47 0.35 0.38 0.41 0.50 0.64*	*0.73*	*0.93*	*1.37*	*2.43*		*5.89*	*4.24*		*5.28*
867	03566123	35°30′58″	84°33′03″	LITTLE N MOUSE CK AT NIOTA (1)	2.81	2.83	120	2.303	60	1.10	2	4	03565500
	0.53	0.64	2.84	1.65 0.51 0.54 0.59 0.67 0.76 0.85	0.93	1.12	1.78	2.22		2.80	3.59		5.34
	0.33	0.47	4.40	1.95 0.33 0.36 0.41 0.48 0.59 0.78	1.01	1.36	1.95	2.75		3.96	5.75		9.36
	0.38	0.51	4.09	1.83 0.37 0.40 0.45 0.52 0.61 0.78	0.98	1.28	1.75	2.44		3.50	5.12		8.53
	0.46	*0.50*	*2.81*	*1.72 0.47 0.34 0.37 0.40 0.49 0.62*	*0.70*	*0.89*	*1.29*	*2.32*		*5.98*	*4.19*		*5.24*
868	03566126	35°29′20″	84°36′46″	N MOUSE CR BL LITTLE N MOUSE CR NR ATHENS (1)	29.3	29.7	120	2.304	65	1.32	2	4	03543500
	7.29	9.50	56.0	39.0 7.33 7.79 8.71 10.3 12.3 15.9	20.5	28.2	39.3	44.5		51.0	60.1		104
	5.22	6.67	49.8	22.7 5.03 5.40 6.01 6.97 8.20 10.2	12.7	16.5	22.3	31.1		44.0	62.4		101
	4.71	6.19	45.8	22.2 4.49 4.92 5.53 6.46 7.67 9.79	12.4	16.0	21.6	29.5		40.9	57.6		94.5
	0.53	*0.50*	*1.48*	*1.06 0.62 0.53 0.55 0.53 0.57 0.62*	*0.65*	*0.67*	*0.80*	*1.17*		*2.06*	*3.61*		*5.93*
869	03566128	35°26′50″	84°39′22″	NORTH MOUSE CREEK NEAR ATHENS (1)	42.1	42.5	120	2.306	65	1.33	3	4	03565500
	12.7	15.4	68.5	39.0 12.1 12.7 13.9 16.0 18.1 20.1	22.1	26.6	42.1	52.6		66.2	87.9		134
	7.73	9.91	72.2	33.9 7.47 8.04 8.91 10.4 12.2 15.3	19.0	24.7	33.7	46.7		64.9	90.6		147
	6.82	8.96	66.1	32.3 6.51 7.13 8.01 9.38 11.2 14.3	18.1	23.4	31.5	42.9		59.2	83.1		136
	0.57	*0.56*	*2.35*	*1.42 0.70 0.61 0.64 0.64 0.70 0.82*	*0.89*	*0.97*	*1.09*	*1.44*		*2.22*	*3.25*		*5.85*
870	03566137	35°21′21″	84°43′58″	DRY VALLEY CREEK NEAR SANFORD (1)	11.6	11.6	127	2.310	99	1.54	9	9	03565500
	1.58	2.11	18.9	8.35 1.48 1.59 1.81 2.22 2.68 3.12	3.59	4.73	9.35	13.0		18.4	24.2		36.8
	2.10	2.73	19.1	9.39 1.96 2.12 2.40 2.83 3.36 4.20	5.27	6.74	9.03	12.0		16.6	23.2		37.6
	2.24	2.84	18.3	8.74 2.13 2.27 2.54 2.89 3.36 3.99	5.01	6.39	8.56	11.7		16.0	22.6		36.5
	0.57	*0.53*	*1.98*	*0.99 0.59 0.47 0.49 0.48 0.51 0.55*	*0.57*	*0.64*	*0.76*	*1.32*		*2.67*	*7.47*		*19.0*
871	03566140	35°19′58″	84°45′58″	NORTH MOUSE CREEK NEAR CALHOUN (1)	73.2	73.5	120	2.311	68	1.35	4	4	03543500
	13.5	17.7	131	73.0 13.6 14.4 15.9 18.5 21.9 27.6	34.9	46.7	63.5	90.0		118	150		260
	13.7	17.6	124	57.9 13.3 14.4 15.9 18.5 21.6 26.9	33.3	42.7	57.5	79.3		110	153		252
	12.2	15.9	116	57.3 11.6 12.7 14.3 16.7 19.9 25.4	32.3	41.6	56.1	76.2		104	146		238
	0.82	*0.82*	*3.09*	*2.28 0.97 0.92 0.98 0.97 1.03 1.20*	*1.31*	*1.51*	*1.62*	*2.08*		*2.42*	*2.98*		*5.05*
872	03566200	35°07′20″	84°57′00″	BRYMER CREEK NEAR MCDONALD (1)	9.68	9.65	68	2.346	7	0.53	6	15	03566420
	0.86	1.33	16.6	6.75 0.73 0.87 1.09 1.52 2.00 2.62	3.42	4.67	6.75	9.47		13.3	19.5		34.3
	0.83	1.22	14.2	5.30 0.76 0.87 1.02 1.33 1.71 2.32	3.13	4.03	5.42	8.08		14.4	25.6		39.6
	0.24	0.43	13.2	4.46 0.23 0.30 0.37 0.49 0.67 1.29	1.85	2.71	4.21	6.43		10.8	17.4		32.5
	0.58	*0.57*	*1.75*	*1.45 0.65 0.55 0.56 0.61 0.69 0.80*	*0.92*	*1.00*	*0.92*	*0.94*		*2.10*	*4.72*		*5.71*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
873	03566235	35°10′22″	84°54′20″	CANDIES CR, WHITE OAK BRIDGE, CLEVELAND (1)							65.9	65.1	93	2.342	30	0.87	4	4	03543500
	7.14	9.60	108	52.0	7.19	7.68	8.66	10.4	12.6	16.5	21.8	30.7	44.0	67.0		90.7	135		234
	7.88	10.4	109	41.6	7.45	8.21	9.30	11.2	13.5	17.8	23.1	31.1	42.7	62.8		96.1	145		241
	5.01	7.45	98.8	41.0	4.86	5.68	6.56	8.13	10.2	15.2	20.5	27.8	39.9	57.0		84.4	124		216
	1.54	*1.32*	*6.28*	*3.90*	*1.81*	*1.69*	*1.71*	*1.65*	*1.73*	*2.11*	*2.27*	*2.45*	*2.71*	*2.85*		*3.76*	*5.60*		*9.26*
874	03566250	35°13′02″	84°52′58″	CANDIES CREEK NEAR CLEVELAND (1)							88.7	87.8	91	2.319	26	0.81	10	22	03565300
	10.0	14.0	145	60.4	9.47	10.8	12.7	15.5	17.8	23.1	29.9	41.3	57.3	80.0		112	162		282
	11.9	16.1	155	64.2	11.2	12.4	14.3	17.6	21.3	28.3	36.8	49.8	67.3	96.7		143	212		342
	6.38	9.61	129	56.0	6.19	7.31	8.46	10.6	13.3	20.4	27.5	37.5	53.7	76.0		112	165		287
	1.04	*0.96*	*2.05*	*1.93*	*1.11*	*1.06*	*1.04*	*1.03*	*1.06*	*1.14*	*1.20*	*1.27*	*1.32*	*1.38*		*1.75*	*2.47*		*4.05*
875	035662553	35°16′46″	84°50′33″	CANDIES CREEK NEAR EUREKA (1)							101	100	93	2.315	26	0.81	4	4	03543500
	11.2	16.0	165	70.8	12.2	12.9	14.5	17.2	20.6	26.7	34.6	47.8	67.2	95.8		139	207		358
	16.1	21.5	189	82.2	15.3	16.6	19.0	23.4	28.3	37.3	47.9	63.6	83.6	119		176	260		414
	7.61	11.4	147	65.0	7.37	8.69	10.0	12.5	15.7	24.0	32.2	43.7	62.2	87.6		129	188		327
	0.90	*0.82*	*1.84*	*1.64*	*0.93*	*0.89*	*0.88*	*0.87*	*0.89*	*0.96*	*1.01*	*1.09*	*1.15*	*1.22*		*1.55*	*2.20*		*3.85*
876	03566260	35°23′04″	84°47′37″	ROGERS CREEK NEAR LAMONTVILLE (1)							44.5	44.7	92	2.309	52	2.37	11	28	03543500
	5.19	6.80	72.7	31.2	5.36	5.71	6.39	7.57	9.09	11.8	15.3	21.1	29.6	42.2		61.2	91.3		158
	5.06	7.01	71.9	31.2	4.91	5.45	6.17	7.54	9.20	12.3	16.2	21.8	30.6	43.3		64.0	96.1		159
	5.30	7.74	76.8	35.9	5.12	5.73	6.64	8.31	10.6	14.7	19.6	26.1	36.1	50.5		70.7	99.7		160
	0.65	*0.69*	*1.58*	*1.87*	*0.79*	*0.73*	*0.77*	*0.81*	*0.91*	*1.05*	*1.13*	*1.21*	*1.25*	*1.32*		*1.90*	*2.75*		*4.70*
877	03566272	35°19′48″	84°57′06″	GUNSTOCKER CREEK NEAR EASTVIEW (1)							14.2	14.7	69	2.334	42	1.03	4	4	03543500
	0.56	0.75	19.8	3.80	0.56	0.60	0.67	0.80	0.96	1.25	1.64	2.28	3.23	6.70		14.3	29.1		50.4
	0.92	1.36	23.6	8.23	0.88	1.00	1.18	1.51	1.94	2.76	3.92	5.68	8.28	12.6		20.1	32.4		54.9
	0.75	1.20	22.3	8.22	0.73	0.86	1.03	1.31	1.70	2.58	3.68	5.30	8.00	12.0		18.2	27.9		48.7
	1.00	*1.06*	*1.79*	*1.87*	*1.04*	*0.90*	*0.92*	*0.98*	*1.09*	*1.19*	*1.23*	*1.24*	*1.08*	*1.13*		*2.36*	*4.58*		*5.39*
878	03566290	35°26′30″	85°04′46″	SALE CREEK AT GRAYSVILLE (0)							13.2	13.6	37	2.331	50	2.02	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.48	20.6	6.56	0.00	0.00	0.00	0.48	0.73	1.37	2.27	3.88	6.62	11.0		16.9	26.6		45.8
	0.00	0.32	22.9	6.16	0.00	0.00	0.00	0.37	0.58	1.10	1.99	3.49	6.20	10.7		17.5	29.3		51.9
	0.87	*1.32*	*5.81*	*4.89*	*0.65*	*0.63*	*0.70*	*0.85*	*0.98*	*1.98*	*3.22*	*3.99*	*3.72*	*4.43*		*5.85*	*7.35*		*7.72*
879	035662905	35°26′42″	85°05′19″	ROARING CREEK AT GRAYSVILLE (0)							29.0	27.7	32	2.331	15	3.98	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.15	48.0	12.8	0.00	0.00	0.11	0.18	0.30	0.94	2.48	5.78	12.2	21.6		35.5	58.4		111
	0.00	0.21	52.8	11.6	0.00	0.00	0.15	0.27	0.53	1.41	3.02	6.12	12.2	23.2		41.2	73.4		132
	1.05	*1.57*	*5.88*	*3.53*	*0.49*	*0.54*	*0.62*	*0.78*	*0.96*	*2.10*	*2.97*	*2.92*	*2.84*	*3.23*		*4.92*	*7.14*		*8.83*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
880	03566291	35°25′50″	85°06′00″	MCGILL CREEK NEAR GRAYSVILLE (0)	13.0	13.5	32	2.332	14	4.04	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.13	21.9	6.75 0.00 0.00 0.00 0.14 0.23 0.61	1.44	3.11	6.19	10.4		16.8	26.9		50.0
	0.00	0.10	25.5	5.50 0.00 0.00 0.00 0.13 0.25 0.66	1.42	2.89	5.74	11.0		19.8	35.7		64.3
	0.84	*1.31*	*5.51*	*4.12 0.57 0.57 0.65 0.81 0.96 2.03*	*2.96*	*3.42*	*3.40*	*4.01*		*5.27*	*6.39*		*7.06*
881	03566292	35°25′35″	85°05′24″	SALE CREEK NEAR SALE CREEK (0)	57.2	56.8	33	2.332	26	3.45	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.40	93.9	22.2 0.00 0.00 0.29 0.51 0.88 2.48	5.69	11.8	22.7	40.4		69.3	115		216
	0.00	0.68	107	25.9 0.00 0.00 0.49 0.85 1.53 3.61	7.34	14.2	27.0	49.5		83.8	144		256
	1.10	*1.87*	*11.9*	*4.32 0.49 0.58 0.67 0.84 1.12 2.42*	*3.32*	*3.25*	*3.23*	*3.48*		*5.86*	*8.46*		*13.9*
882	03566300	35°23′10″	85°06′30″	ROCK CREEK AT SALE CREEK (0)	38.1	37.4	32	2.334	17	3.74	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.19	62.4	16.2 0.00 0.00 0.13 0.22 0.37 1.22	3.22	7.11	14.6	26.5		44.8	74.5		142
	0.00	0.29	71.0	15.6 0.00 0.00 0.20 0.37 0.71 1.89	4.05	8.21	16.32	31.2		55.1	97.9		177
	1.20	*1.73*	*6.29*	*3.58 0.57 0.68 0.78 0.90 1.08 2.35*	*3.06*	*2.98*	*2.94*	*3.25*		*5.06*	*8.04*		*10.5*
883	03566319	35°20′16″	85°07′46″	POSSUM CREEK AT BAKEWELL (0)	17.6	19.7	39	2.337	28	3.57	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.00	0.57	33.3	9.64 0.00 0.00 0.00 0.63 0.89 1.79	3.20	5.48	9.28	15.6		25.4	40.6		74.0
	0.00	0.60	36.9	10.9 0.00 0.00 0.00 0.71 1.14 2.26	3.94	6.65	11.3	19.0		30.6	49.5		84.4
	0.94	*1.46*	*6.34*	*4.89 0.64 0.64 0.71 0.84 0.97 2.08*	*3.29*	*4.10*	*4.12*	*5.18*		*6.74*	*8.56*		*8.28*
884	03566320	35°20′19″	85°07′25″	POSSUM CREEK NEAR BAKEWELL (1)	22.7	21.1	40	2.337	31	3.48	1	6	03543500
	1.02	2.20	37.1	15.9 1.03 1.21 1.61 2.49 3.98 6.00	7.78	10.8	15.1	21.5		31.2	46.6		80.5
	0.00	0.67	35.9	10.2 0.00 0.00 0.52 0.73 1.04 2.01	3.50	5.95	10.0	16.9		27.5	43.7		79.2
	0.00	0.72	39.3	11.9 0.00 0.00 0.55 0.84 1.33 2.56	4.39	7.32	12.3	20.5		32.7	52.4		89.2
	0.90	*1.38*	*6.31*	*4.87 0.62 0.62 0.69 0.84 0.99 2.07*	*3.23*	*4.03*	*4.05*	*4.93*		*6.51*	*8.31*		*8.19*
885	03566408	35°02′47″	85°02′13″	CHESNUTT CREEK NEAR APISON (1)	5.48	5.48	65	2.350	39	0.87	7	9	03543500
	0.41	0.54	8.10	2.37 0.41 0.44 0.49 0.58 0.70 0.90	1.16	1.60	2.25	3.20		6.10	11.2		19.4
	0.46	0.66	8.01	3.08 0.44 0.49 0.56 0.70 0.89 1.22	1.61	2.20	3.11	4.40		7.09	11.8		19.3
	0.22	0.36	8.10	2.71 0.22 0.26 0.31 0.39 0.52 0.80	1.16	1.70	2.63	4.05		6.34	10.0		17.9
	0.52	*0.55*	*2.81*	*2.04 0.68 0.57 0.59 0.67 0.79 0.96*	*1.16*	*1.38*	*1.44*	*1.55*		*3.46*	*9.06*		*10.5*
886	03566410	35°03′15″	85°03′00″	WOLFTEVER CREEK AT COLLEGEDALE (1)	18.4	18.5	65	2.349	48	1.04	10	17	03566420
	1.65	2.65	31.5	12.8 1.39 1.65 2.07 2.89 3.81 4.97	6.51	8.88	12.8	18.0		25.4	37.0		65.3
	0.96	1.50	30.9	9.97 0.93 1.07 1.27 1.66 2.17 3.15	4.61	6.85	10.3	15.9		25.1	39.4		68.5
	0.86	1.40	28.6	10.1 0.84 1.00 1.20 1.53 2.01 3.05	4.42	6.46	9.89	15.1		22.9	35.3		62.0
	0.93	*0.98*	*3.38*	*2.42 0.80 0.72 0.77 0.88 1.09 1.36*	*1.53*	*1.55*	*1.44*	*1.57*		*3.36*	*6.26*		*6.70*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
887	03566430	35°04′42″	85°03′36″	LITTLE WOLFTEVER CREEK AT OOLTEWAH (1)	10.8	10.5	65	2.348	12	0.59	11	14	03566420
	0.37	0.65	18.5	5.08 0.30 0.37 0.49 0.76 1.08 1.51	2.14	3.18	5.08	9.20		14.9	21.7		38.3
	0.92	1.36	17.0	6.50 0.87 0.98 1.15 1.47 1.91 2.63	3.58	4.88	6.77	9.92		16.1	26.0		41.8
	0.28	0.50	14.7	4.89 0.28 0.35 0.43 0.57 0.77 1.39	2.02	2.98	4.65	7.16		11.8	18.9		35.0
	0.61	*0.60*	*2.64*	*1.81 0.67 0.56 0.57 0.62 0.73 0.89*	*1.07*	*1.17*	*1.10*	*1.20*		*2.51*	*6.73*		*7.83*
888	03566450	35°10′37″	85°02′15″	LONG SAVANNAH CREEK NEAR SNOW HILL (1)	28.3	28.0	74	2.344	53	1.22	12	14	03566420
	1.18	1.92	45.0	10.8 0.99 1.19 1.52 2.17 2.93 3.90	5.21	7.28	10.8	18.3		31.9	56.9		100
	1.84	2.74	44.5	15.6 1.75 1.98 2.33 2.99 3.80 5.35	7.47	10.6	15.6	23.6		36.9	58.3		99.6
	1.83	2.82	44.5	17.0 1.78 2.06 2.43 3.05 3.93 5.71	8.02	11.3	16.8	24.9		36.8	55.2		94.6
	0.95	*1.02*	*2.39*	*2.34 0.98 0.91 0.95 1.06 1.19 1.38*	*1.57*	*1.58*	*1.46*	*1.47*		*3.34*	*6.91*		*8.74*
889	03566530	35°13′20″	85°13′16″	NORTH CHICKAMAUGA CREEK NEAR DAISY (0)	62.6	61.9	34	2.344	15	4.35	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.20	0.50	111	29.9 0.00 0.00 0.41 0.63 1.04 2.88	6.81	14.0	29.0	54.1		86.0	134		252
	0.32	0.91	123	31.5 0.00 0.00 0.65 1.14 2.05 5.00	9.75	18.1	33.3	59.7		101	170		298
	0.97	*1.70*	*12.8*	*3.94 0.51 0.63 0.73 0.92 1.31 2.91*	*3.63*	*3.31*	*3.09*	*3.35*		*5.98*	*9.00*		*16.0*
890	03566533	35°14′17″	85°11′21″	POE BRANCH AT DAISY (0)	5.05	5.31	47	2.343	83	2.18	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.32	0.53	7.64	3.27 0.29 0.35 0.41 0.54 0.71 1.08	1.52	2.13	3.02	4.17		6.39	10.4		17.8
	0.16	0.29	9.06	2.80 0.16 0.19 0.23 0.32 0.45 0.70	1.11	1.75	2.84	4.60		7.08	11.3		19.2
	0.41	*0.59*	*2.53*	*2.33 0.44 0.41 0.47 0.62 0.76 1.14*	*1.41*	*1.71*	*1.72*	*1.78*		*3.52*	*8.21*		*8.62*
891	03566535	35°12′40″	85°12′55″	NORTH CHICKAMAUGA CR AT MILE STRAIGHT (0)	74.0	73.1	37	2.344	25	4.02	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.54	1.21	127	34.2 0.00 0.74 0.97 1.43 2.19 4.87	9.61	17.6	33.6	61.7		99.3	155		286
	0.78	1.89	144	41.4 0.00 1.05 1.42 2.28 3.82 8.02	14.5	25.1	43.6	74.4		120	194		331
	0.85	*1.25*	*11.9*	*3.58 0.49 0.58 0.68 0.90 1.32 2.56*	*3.22*	*3.01*	*2.86*	*3.79*		*7.07*	*10.4*		*16.4*
892	03566543	35°11′40″	85°14′40″	FALLING WATER CR, HWY 27, FALLING WATER (1)	13.2	13.4	42	2.345	32	2.88	6	10	03567500
	1.16	1.47	21.6	5.90 1.01 1.11 1.26 1.55 1.79 2.26	2.82	3.64	5.60	9.70		17.4	25.4		46.3
	0.39	0.72	22.4	7.06 0.38 0.45 0.56 0.77 1.07 1.81	2.84	4.49	7.12	11.4		18.4	28.8		49.9
	0.23	0.50	24.3	7.28 0.23 0.30 0.39 0.57 0.88 1.65	2.75	4.51	7.50	12.4		19.9	31.9		54.7
	0.81	*1.13*	*5.26*	*3.89 0.61 0.58 0.66 0.81 0.98 1.75*	*2.55*	*3.19*	*3.27*	*4.14*		*5.84*	*7.80*		*7.56*
893	03566625	35°10′03″	85°13′19″	NORTH CHICKAMAUGA CREEK NR HIXSON (1)	108	108	44	2.346	37	3.43	8	10	03567500
	6.64	8.10	177	35.0 5.89 6.41 7.17 8.65 9.88 12.2	14.8	18.7	33.3	66.0		142	208		379
	2.38	4.25	184	50.4 2.41 2.85 3.55 4.94 6.89 11.7	19.0	30.5	52.5	91.7		147	226		407
	2.61	5.29	208	69.2 2.61 3.25 4.17 6.17 9.44 17.1	28.1	44.8	72.4	116		178	273		458
	0.82	*1.21*	*11.6*	*4.85 0.60 0.74 0.88 1.16 2.02 3.18*	*3.64*	*3.84*	*3.94*	*5.91*		*10.9*	*12.9*		*17.6*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
894	03566996	35°00′13″	85°10′13″	MACKEY BRANCH NEAR BRAINERD (1)							10.6	10.7	68	2.352	70	1.62	5	5	03567500
	0.28	0.51	17.4	7.63	0.21	0.26	0.36	0.62	0.91	1.67	2.95	5.72	7.43	10.1		14.0	20.4		37.2
	0.71	1.04	17.8	5.83	0.70	0.79	0.91	1.14	1.45	2.02	2.80	4.17	6.13	9.22		14.5	22.1		38.0
	0.67	1.05	17.8	6.41	0.65	0.75	0.89	1.13	1.47	2.08	2.98	4.28	6.42	9.72		14.4	21.9		37.0
	0.59	*0.59*	*3.39*	*1.73*	*0.65*	*0.55*	*0.56*	*0.61*	*0.72*	*0.87*	*1.03*	*1.12*	*1.08*	*1.29*		*3.00*	*8.54*		*9.13*
895	03567400	34°59′21″	85°11′44″	WEST CHICKAMAUGA CREEK AT EAST RIDGE (1)							153.0	153	112	2.352	40	1.55	5	9	03567500
	30.1	37.0	251	110	27.2	29.5	32.8	39.3	44.7	54.7	66.1	82.6	107	145		202	295		537
	25.0	33.3	270	123	23.8	26.6	30.0	35.7	42.1	53.7	68.1	89.8	121	170		236	336		556
	20.2	28.2	262	120	19.6	21.9	24.9	30.5	37.9	52.6	68.0	88.5	121	168		237	331		549
	1.09	*1.09*	*6.09*	*3.10*	*1.29*	*1.35*	*1.47*	*1.48*	*1.57*	*1.72*	*1.84*	*2.23*	*2.66*	*3.22*		*4.69*	*7.51*		*12.7*
896	03567494	34°59′27″	85°13′20″	SPRING CREEK NEAR CHATTANOOGA (1)							14.2	15.3	120	2.352	31	0.90	3	4	03567500
	2.88	3.52	23.3	10.2	2.52	2.73	3.05	3.65	4.15	5.08	6.14	7.66	9.95	13.5		18.7	27.3		49.8
	1.21	1.72	25.8	8.13	1.23	1.36	1.56	1.86	2.24	2.96	3.90	5.59	8.18	12.9		20.5	31.0		53.5
	1.64	2.29	23.1	9.71	1.59	1.80	2.04	2.43	2.92	4.09	5.21	6.80	9.45	13.3		19.7	28.8		49.7
	0.58	*0.55*	*13.6*	*2.26*	*0.70*	*0.59*	*0.62*	*0.65*	*0.77*	*0.93*	*1.00*	*1.12*	*1.62*	*3.20*		*9.39*	*27.7*		*32.7*
897	03567496	35°00′10″	85°13′11″	SPRING CREEK NEAR BRAINERD (1)							19.3	20.3	116	2.352	43	1.09	4	5	03567500
	3.07	3.75	31.7	11.6	2.73	2.96	3.31	3.97	4.52	5.55	6.72	8.42	11.0	17.0		25.4	37.2		67.7
	2.26	3.02	33.3	11.8	2.22	2.42	2.75	3.22	3.79	4.80	6.04	8.11	11.5	17.4		26.9	40.0		68.2
	2.43	3.34	31.8	13.6	2.34	2.62	2.97	3.53	4.25	5.74	7.36	9.61	13.3	18.8		27.2	39.5		66.9
	0.52	*0.49*	*16.0*	*2.31*	*0.72*	*0.62*	*0.66*	*0.67*	*0.76*	*0.90*	*0.98*	*1.14*	*1.73*	*3.45*		*12.8*	*56.5*		*60.7*
898	03567590	35°03′31″	85°10′14″	FRIAR BRANCH AT STANDIFER GAP R (1)							12.1	12.4	77	2.350	71	1.62	4	7	03566420
	0.87	1.35	20.7	6.75	0.73	0.87	1.08	1.52	2.00	2.61	3.42	4.67	6.75	10.9		16.7	24.3		42.9
	0.93	1.38	20.2	7.30	0.90	1.02	1.19	1.51	1.91	2.64	3.63	5.27	7.46	10.9		16.6	25.0		42.9
	0.98	1.47	20.5	7.80	0.95	1.08	1.26	1.57	1.99	2.74	3.81	5.33	7.81	11.6		16.9	25.2		42.3
	0.57	*0.58*	*2.09*	*1.72*	*0.60*	*0.52*	*0.53*	*0.58*	*0.67*	*0.81*	*0.99*	*1.13*	*1.11*	*1.34*		*3.22*	*8.24*		*10.4*
899	03567596	35°02′46″	85°12′07″	FRIAR BRANCH AT AIRPORT, CHATTANOOGA (1)							21.5	21.9	82	2.350	74	1.61	5	11	03566420
	2.67	4.15	38.5	20.5	2.25	2.67	3.33	4.65	6.13	7.99	10.4	14.2	20.5	25.5		32.5	43.2		76.3
	1.56	2.31	35.1	12.4	1.47	1.67	1.97	2.52	3.19	4.40	6.13	8.71	12.5	18.4		28.3	43.8		75.2
	1.99	2.92	36.6	14.5	1.93	2.17	2.52	3.10	3.91	5.30	7.27	10.0	14.5	21.2		30.6	45.0		75.2
	1.01	*1.07*	*2.65*	*2.93*	*0.98*	*0.90*	*0.97*	*1.07*	*1.25*	*1.54*	*1.89*	*1.99*	*1.89*	*2.43*		*5.21*	*8.33*		*10.9*
900	03567600	35°04′05″	85°12′48″	SOUTH CHICKAMAUGA CREEK NR MCCARTY (1)							458	459	91	2.350	43	1.38	6	15	03567500
	93.2	114	751	330	81.3	88.2	98.2	118	134	164	198	247	321	434		604	882		1606
	80.5	107	880	430	70.8	80.2	93.3	115	137	182	240	322	435	604		817	1145		1875
	45.5	66.3	779	347	44.2	50.4	58.2	73.1	93.4	135	182	246	348	490		693	978		1646
	1.64	*1.80*	*5.04*	*3.96*	*1.59*	*1.83*	*1.81*	*1.95*	*2.17*	*2.40*	*2.60*	*2.84*	*3.24*	*3.55*		*4.75*	*6.43*		*12.5*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
901	03568630	34°59′40″	85°18′10″	CHATTANOOGA CREEK AT HAMILL ROAD (1)							63.9	64.5	79	2.352	19	1.46	3	12	03567500
	4.49	5.40	86.0	16.4	3.99	4.33	4.83	5.80	6.59	8.08	9.79	12.3	15.9	21.6		49.0	123		224
	5.50	8.11	108	38.7	5.17	5.96	7.08	9.08	11.3	15.7	20.8	28.2	39.1	57.7		91.0	142		244
	3.81	6.27	108	43.0	3.75	4.48	5.31	7.02	9.37	15.4	21.3	29.6	43.2	63.0		95.3	141		241
	1.07	*1.18*	*6.31*	*3.12*	*0.90*	*0.84*	*0.94*	*1.15*	*1.44*	*1.85*	*2.02*	*2.07*	*2.40*	*2.70*		*4.12*	*7.09*		*10.1*
902	03568670	35°01′21″	85°18′16″	CHATTANOOGA CR AT SOUTHERN RAILROAD (1)							70.7	72.5	81	2.352	20	1.38	2	9	03567500
	7.43	9.15	116	28.5	6.62	7.19	8.03	9.65	11.0	13.5	16.4	20.6	26.8	48.5		93.2	136		248
	6.63	9.60	120	45.1	6.18	7.08	8.37	10.7	13.2	18.1	24.0	32.7	45.1	66.3		103	159		272
	4.48	7.28	120	48.5	4.41	5.25	6.20	8.13	10.8	17.5	24.1	33.4	48.4	70.4		106	156		268
	1.10	*1.26*	*6.19*	*3.16*	*0.88*	*0.83*	*0.94*	*1.17*	*1.47*	*1.87*	*2.03*	*2.09*	*2.41*	*2.68*		*4.08*	*7.21*		*10.8*
903	03569172	35°05′11″	85°19′32″	STRINGERS BRANCH NEAR VALDEAU (1)							5.90	5.73	65	2.350	100	1.97	2	11	03566420
	0.54	0.81	10.1	4.11	0.45	0.53	0.66	0.93	1.22	1.59	2.09	2.85	4.11	5.77		8.13	11.9		20.9
	0.49	0.69	8.97	3.63	0.46	0.52	0.59	0.73	0.92	1.29	1.74	2.51	3.58	5.05		7.39	11.1		19.2
	0.37	0.58	9.70	3.44	0.36	0.41	0.49	0.62	0.80	1.10	1.59	2.30	3.47	5.30		7.80	11.9		19.8
	0.51	*0.54*	*2.68*	*1.98*	*0.66*	*0.54*	*0.57*	*0.64*	*0.76*	*0.93*	*1.13*	*1.34*	*1.39*	*1.49*		*3.25*	*7.64*		*8.68*
904	03569193	35°05′54″	85°19′42″	MOUNTAIN CREEK AT GLENDALE (1)							6.37	6.57	53	2.350	70	1.96	1	9	03566420
	0.28	0.43	9.90	2.25	0.23	0.28	0.35	0.49	0.65	0.86	1.13	1.55	2.25	3.18		6.20	12.8		22.6
	0.46	0.69	9.98	3.87	0.43	0.48	0.58	0.75	0.97	1.42	1.96	2.76	3.91	5.50		8.47	13.4		22.7
	0.25	0.44	11.1	3.62	0.25	0.29	0.36	0.47	0.65	1.00	1.52	2.32	3.66	5.79		8.84	13.8		23.6
	0.44	*0.56*	*2.58*	*2.19*	*0.51*	*0.44*	*0.49*	*0.64*	*0.81*	*1.12*	*1.32*	*1.57*	*1.53*	*1.64*		*3.29*	*7.33*		*7.82*
905	03569245	35°07′28″	85°23′26″	SUCK CREEK NEAR CHATTANOOGA (0)							22.6	22.8	32	2.350	24	2.96	1	--	--
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	0.00	0.22	35.7	9.93	0.00	0.00	0.00	0.24	0.35	0.97	2.24	4.63	9.11	16.1		26.7	44.1		80.8
	0.00	0.17	42.1	8.71	0.00	0.00	0.00	0.22	0.41	1.02	2.20	4.48	9.03	17.5		31.1	56.0		103
	1.05	*1.47*	*5.80*	*3.38*	*0.46*	*0.49*	*0.57*	*0.70*	*0.94*	*2.16*	*3.01*	*2.96*	*2.95*	*3.31*		*4.99*	*7.44*		*8.82*
906	03570480	35°01′08″	85°32′17″	RUNNING WATER CREEK AT HALETOWN (0)							20.6	20.8	33	2.355	16	1.83	1	--	--
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	0.00	0.20	34.1	10.4	0.00	0.00	0.00	0.23	0.36	0.99	2.29	4.65	8.94	15.5		25.4	40.8		77.0
	0.00	0.18	35.6	7.68	0.00	0.00	0.00	0.22	0.40	0.99	2.03	3.97	7.79	14.7		26.3	47.3		88.8
	1.11	*1.53*	*6.32*	*3.56*	*0.63*	*0.68*	*0.76*	*0.83*	*1.11*	*2.52*	*3.34*	*3.02*	*2.79*	*3.15*		*4.82*	*7.49*		*8.40*
907	03570505	34°59′38″	85°36′01″	COLE CITY CR NR SHELLMOUND STATION (0)							27.1	28.9	34	2.358	8	1.56	1	--	--
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	0.00	0.14	53.2	15.7	0.00	0.00	0.12	0.19	0.32	1.04	2.85	6.33	12.7	22.7		37.7	60.8		124
	0.00	0.27	48.6	11.1	0.00	0.00	0.20	0.34	0.60	1.57	3.08	5.83	11.2	20.5		37.2	66.1		125
	1.18	*1.49*	*5.52*	*3.05*	*0.50*	*0.55*	*0.61*	*0.67*	*0.92*	*2.02*	*2.67*	*2.62*	*2.63*	*3.05*		*4.83*	*7.33*		*8.60*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
908	03570560	35°51′16″	84°55′14″	MILL CAVE TRIB IN GRASSY COVE (0)							12.1	12.1	75	2.286	50	1.95	8	15	03420000
	1.17	1.50	25.3	9.13	1.12	1.24	1.49	1.74	2.18	3.26	4.69	6.67	10.2	15.8		23.2	35.0		60.6
	0.91	1.29	19.3	7.43	0.89	0.99	1.13	1.38	1.74	2.47	3.47	4.88	7.18	10.9		17.3	27.6		45.4
	0.94	1.46	19.3	8.37	0.91	1.04	1.23	1.57	2.03	2.95	4.11	5.72	8.22	11.9		17.1	25.2		41.3
	0.64	*0.64*	*1.24*	*1.41*	*0.83*	*0.71*	*0.71*	*0.71*	*0.75*	*0.83*	*0.94*	*1.04*	*0.98*	*0.91*		*1.71*	*3.44*		*4.33*
909	03570580	35°47′09″	85°00′54″	SEQUATCHIE RIVER NEAR MELVINE (1)							23.7	18.9	72	2.287	51	1.98	7	15	03571000
	2.05	2.70	44.8	16.8	1.91	2.15	2.40	2.90	3.70	5.71	8.37	12.7	20.1	30.3		43.0	63.1		106
	1.29	1.90	29.5	11.4	1.25	1.43	1.66	2.07	2.62	3.73	5.21	7.36	10.7	16.3		25.7	41.3		69.3
	1.39	2.19	30.3	13.1	1.35	1.56	1.85	2.36	3.09	4.54	6.39	8.96	12.9	18.7		27.0	39.6		65.0
	0.41	*0.54*	*1.47*	*1.56*	*0.46*	*0.48*	*0.50*	*0.53*	*0.61*	*0.73*	*0.86*	*1.01*	*1.03*	*1.04*		*1.88*	*3.05*		*4.35*
910	03570590	35°41′51″	85°06′00″	LITTLE CR NR LONE OAK CH NR NINEMILE (0)							5.21	5.18	43	2.321	49	2.56	1	--	--
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	0.32	0.52	7.67	3.21	0.29	0.34	0.41	0.54	0.70	1.04	1.44	2.03	2.92	4.14		6.49	10.5		17.9
	0.11	0.22	8.86	2.73	0.11	0.13	0.17	0.24	0.36	0.62	1.03	1.67	2.76	4.53		7.13	11.5		19.6
	0.50	*0.73*	*2.63*	*2.90*	*0.64*	*0.60*	*0.70*	*0.97*	*1.19*	*1.64*	*1.78*	*2.04*	*2.00*	*1.94*		*3.87*	*11.4*		*13.7*
911	03570600	35°36′19″	85°11′09″	SEQUATCHIE RIVER AT PIKEVILLE (1)							104	99.7	73	2.328	49	2.56	6	11	03571000
	5.24	7.10	193	48.3	5.23	5.89	6.60	8.02	10.3	16.0	23.7	36.2	58.0	110		185	272		455
	6.34	9.48	162	61.8	6.20	7.04	8.26	10.6	13.4	19.1	26.9	38.3	60.2	92.1		140	211		363
	8.11	12.8	179	76.9	7.91	9.07	10.8	14.1	18.8	27.8	39.2	54.6	78.5	114		162	232		377
	0.82	*0.79*	*5.54*	*3.27*	*0.73*	*0.68*	*0.68*	*0.72*	*0.82*	*0.94*	*1.01*	*1.12*	*2.47*	*2.70*		*3.89*	*6.52*		*9.20*
912	03570602	35°35′48″	85°11′27″	SEQUATCHIE RIVER NEAR PIKEVILLE (1)							106	102	73	2.328	58	1.92	9	12	03571000
	5.26	7.02	197	45.5	5.26	5.90	6.60	7.96	10.1	15.6	22.8	34.4	54.4	113		189	277		464
	6.41	9.55	165	63.7	6.29	7.13	8.36	10.7	13.4	19.1	27.0	38.3	61.5	93.9		142	213		366
	8.02	12.4	175	73.5	7.80	8.95	10.6	13.6	17.8	25.8	36.4	51.0	74.0	107		153	221		366
	0.95	*0.88*	*5.46*	*3.25*	*0.86*	*0.80*	*0.80*	*0.84*	*0.92*	*1.00*	*1.03*	*1.12*	*2.52*	*2.71*		*3.92*	*6.57*		*9.18*
913	03570650	35°30′09″	85°15′23″	SEQUATCHIE RIVER NEAR COLLEGE STATION (1)							154	151	73	2.334	59	1.94	3	18	03571000
	13.2	17.5	291	121	13.3	15.0	16.8	20.4	26.1	40.4	59.6	90.7	145	205		279	410		686
	11.1	16.5	257	103	10.8	12.4	14.6	18.5	23.3	33.5	47.5	67.9	103	157		233	342		578
	12.1	18.6	262	111	11.7	13.4	15.9	20.4	26.9	39.0	55.0	77.0	112	162		230	331		548
	1.48	*1.36*	*4.10*	*3.17*	*1.38*	*1.30*	*1.30*	*1.41*	*1.58*	*1.82*	*1.92*	*2.03*	*2.25*	*2.39*		*3.29*	*5.45*		*8.74*
914	03570703	35°23′58″	85°20′30″	MCWILLIAMS CREEK NEAR DUNLAP (1)							10.9	11.3	84	2.339	71	1.86	4	4	03571000
	0.35	0.42	20.6	6.50	0.35	0.38	0.41	0.46	0.54	0.72	1.90	3.90	9.25	13.9		19.8	29.0		48.6
	0.85	1.22	18.1	6.52	0.81	0.91	1.06	1.34	1.67	2.28	3.09	4.50	6.46	9.62		14.9	22.8		38.9
	1.08	1.59	18.8	7.59	1.05	1.17	1.36	1.68	2.11	2.85	3.88	5.32	7.61	11.1		16.0	23.5		38.7
	0.67	*0.70*	*1.98*	*1.83*	*0.73*	*0.63*	*0.66*	*0.71*	*0.81*	*0.99*	*1.21*	*1.34*	*1.26*	*1.55*		*3.58*	*6.87*		*8.13*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
915	03570800	35°24′15″	85°23′18″	LITTLE BRUSH CREEK AT DUNLAP (0)							15.4	15.4	32	2.340	18	4.28	1	--	--
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	0.00	0.14	24.2	8.34	0.00	0.00	0.00	0.16	0.26	0.72	1.70	3.68	7.28	11.9		18.8	29.6		54.6
	0.00	0.12	29.7	6.35	0.00	0.00	0.00	0.16	0.30	0.77	1.66	3.36	6.67	12.9		22.9	40.9		73.4
	0.80	*1.23*	*4.98*	*3.39*	*0.52*	*0.53*	*0.60*	*0.76*	*0.93*	*2.00*	*2.83*	*2.86*	*2.46*	*2.80*		*4.14*	*6.22*		*6.74*
916	03570810	35°23′55″	85°21′50″	BIG BRUSH CREEK NEAR DUNLAP (0)							66.1	66.8	35	2.340	20	4.31	1	--	--
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	0.31	0.76	117	31.4	0.00	0.44	0.60	0.93	1.49	3.74	8.02	15.6	30.5	55.7		89.8	141		263
	0.48	1.26	132	35.8	0.00	0.67	0.93	1.55	2.72	6.17	11.7	21.1	37.8	66.3		110	181		312
	0.89	*1.57*	*13.8*	*4.05*	*0.50*	*0.60*	*0.70*	*0.93*	*1.40*	*3.13*	*3.97*	*3.49*	*3.36*	*3.82*		*6.71*	*9.34*		*16.6*
917	03570835	35°21′34″	85°22′20″	SEQUATCHIE RIVER NEAR DUNLAP (1)							292	290	65	2.341	51	2.51	5	5	03571000
	19.5	26.1	551	179	19.4	21.9	24.5	29.8	38.2	59.4	87.9	134	215	349		530	777		1301
	18.7	27.2	481	178	18.2	20.6	23.9	30.1	38.2	55.5	79.8	116	180	285		426	635		1089
	19.5	31.7	534	221	19.1	22.2	26.6	35.5	48.6	74.3	108	154	227	334		477	685		1127
	2.71	*3.40*	*8.22*	*6.74*	*2.54*	*2.86*	*3.21*	*3.94*	*5.00*	*6.11*	*5.98*	*5.32*	*5.65*	*6.41*		*7.57*	*8.70*		*11.9*
918	03570840	35°22′10″	85°23′16″	COOPS CREEK AT DUNLAP (1)							5.50	6.00	61	2.341	33	3.32	6	6	03571000
	0.29	0.40	10.4	3.90	0.29	0.34	0.39	0.49	0.67	1.15	1.85	3.12	4.67	7.03		9.97	14.6		24.5
	0.51	0.73	8.84	3.47	0.48	0.54	0.63	0.79	0.99	1.36	1.81	2.47	3.48	4.89		7.92	13.3		21.8
	0.30	0.52	11.0	4.00	0.29	0.35	0.42	0.58	0.81	1.29	1.89	2.76	4.13	6.31		9.59	14.5		23.8
	0.64	*0.67*	*2.66*	*2.31*	*0.86*	*0.72*	*0.74*	*0.82*	*0.94*	*1.10*	*1.29*	*1.49*	*1.47*	*1.53*		*3.30*	*8.86*		*11.4*
919	03570855	35°19′19″	85°26′01″	WOODCOCK CREEK SW OF DUNLAP (0)							15.3	15.0	34	2.344	21	4.14	1	--	--
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	0.00	0.27	24.0	7.80	0.00	0.00	0.00	0.28	0.44	1.05	2.09	3.86	7.01	11.7		18.5	29.0		53.7
	0.00	0.22	28.9	7.08	0.00	0.00	0.00	0.27	0.48	1.11	2.16	4.02	7.43	13.5		23.0	39.4		69.0
	0.84	*1.31*	*5.43*	*3.35*	*0.61*	*0.62*	*0.70*	*0.85*	*0.99*	*2.18*	*3.08*	*3.29*	*2.83*	*3.35*		*5.45*	*8.54*		*7.88*
920	03571500	35°07′47″	85°35′10″	LITTLE SEQUATCHIE RIVER AT SEQUATCHIE (1)							116	116	36	2.353	25	3.36	7	7	03571000
	3.39	4.53	219	42.0	3.38	3.81	4.28	5.21	6.70	10.5	15.6	24.0	63.0	148		210	309		517
	0.76	1.90	201	49.2	0.79	1.09	1.44	2.31	3.70	8.01	15.4	28.4	52.3	96.8		159	248		452
	1.01	2.49	224	61.6	1.03	1.38	1.87	3.04	5.15	11.1	20.5	36.4	64.7	112		183	299		522
	1.18	*1.79*	*11.4*	*3.74*	*0.66*	*0.82*	*0.97*	*1.26*	*1.88*	*3.32*	*3.79*	*3.14*	*2.82*	*3.67*		*6.39*	*9.31*		*15.8*
921	03571604	35°07′10″	85°34′06″	HALL CREEK NEAR SEQUATCHIE (0)							7.33	7.19	81	2.353	83	1.95	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.62	0.89	11.3	4.36	0.60	0.67	0.77	0.95	1.19	1.62	2.15	3.05	4.32	6.22		9.53	14.5		24.4
	0.67	0.98	12.2	4.69	0.65	0.72	0.84	1.03	1.30	1.73	2.37	3.28	4.74	7.00		10.2	15.0		24.9
	0.54	*0.54*	*2.93*	*1.71*	*0.54*	*0.44*	*0.47*	*0.52*	*0.61*	*0.75*	*0.93*	*1.10*	*1.16*	*1.39*		*3.36*	*7.99*		*9.25*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
922	03571700	35°05′25″	85°37′22″	PRYOR COVE BRANCH NEAR JASPER (0)	12.9	12.8	41	2.356	30	2.81	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.36	0.68	21.4	6.81 0.35 0.42 0.52 0.72 1.01 1.73	2.75	4.36	6.90	11.0		17.6	27.8		48.0
	0.20	0.43	23.4	6.72 0.20 0.25 0.33 0.50 0.77 1.47	2.48	4.12	6.95	11.7		18.9	30.6		53.0
	0.81	*1.15*	*5.44*	*3.65 0.64 0.61 0.70 0.88 1.06 1.95*	*2.73*	*3.26*	*3.27*	*4.14*		*6.03*	*8.33*		*7.80*
923	03571775	35°10′55″	85°49′12″	BATTLE CREEK ABOVE CAVE COVE (0)	16.9	16.8	50	2.357	26	2.92	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.55	1.05	30.4	9.25 0.55 0.67 0.84 1.12 1.54 2.57	4.09	6.28	9.62	15.4		23.9	36.5		66.7
	0.48	0.94	31.0	10.2 0.48 0.59 0.74 1.07 1.57 2.79	4.36	6.71	10.6	16.8		26.4	41.0		69.3
	0.64	*0.82*	*4.41*	*3.11 0.44 0.42 0.49 0.61 0.88 1.57*	*2.01*	*2.23*	*2.22*	*3.04*		*4.80*	*6.65*		*6.17*
924	03571800	35°08′03″	85°46′15″	BATTLE CREEK NEAR MONTEAGLE (1)	50.4	50.5	49	2.358	32	2.75	4	4	03571000
	2.03	2.76	95.2	23.1 2.03 2.28 2.55 3.08 3.94 6.08	8.93	13.5	33.0	64.4		91.4	134		225
	1.40	2.44	95.7	29.0 1.39 1.64 2.01 2.76 3.99 7.06	11.7	19.2	33.3	54.6		81.0	121		214
	1.47	2.84	93.9	31.4 1.47 1.80 2.27 3.26 4.80 8.43	13.3	20.6	32.6	51.6		79.6	122		207
	0.83	*0.91*	*7.43*	*2.90 0.52 0.54 0.63 0.76 1.37 2.30*	*2.52*	*2.43*	*2.52*	*3.57*		*6.18*	*9.43*		*9.91*
925	03571825	35°05′03″	85°44′31″	BATTLE CREEK NEAR SMITHTOWN (1)	117	119	47	2.360	31	2.85	4	4	03571000
	4.32	5.82	221	55.0 4.31 4.85 5.43 6.59 8.44 13.1	19.3	29.4	77.0	150		212	311		521
	3.66	5.96	214	57.1 3.70 4.25 5.08 6.84 9.10 14.5	22.8	35.6	62.3	115		176	266		470
	3.17	6.26	226	75.6 3.17 3.94 4.99 7.27 10.9 19.7	31.5	49.4	78.9	125		193	295		500
	0.75	*1.00*	*11.4*	*3.89 0.59 0.66 0.77 1.03 1.76 2.71*	*3.02*	*3.14*	*3.32*	*4.61*		*9.18*	*11.5*		*15.9*
926	03571827	35°04′48″	85°44′11″	KELLY COVE CREEK AT SMITHTOWN (0)	4.42	4.28	49	2.360	31	2.79	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.34	0.54	6.16	2.76 0.31 0.36 0.43 0.56 0.71 1.03	1.40	1.89	2.65	3.52		5.56	9.17		15.2
	0.11	0.22	7.72	2.39 0.11 0.14 0.18 0.25 0.36 0.63	0.99	1.54	2.46	3.99		6.34	10.1		17.1
	0.52	*0.66*	*2.65*	*2.40 0.68 0.60 0.64 0.72 0.85 1.20*	*1.44*	*1.70*	*1.69*	*1.74*		*3.59*	*8.20*		*9.03*
927	03571835	35°03′52″	85°45′55″	SWEDEN CREEK NEAR SOUTH PITTSBURG (1)	28.2	27.5	56	2.362	40	2.56	6	6	03578000
	0.91	1.61	59.3	20.3 0.95 1.09 1.23 1.65 2.56 5.08	9.90	19.0	27.7	39.5		53.7	78.7		138
	1.24	2.06	49.2	15.1 1.22 1.43 1.73 2.29 3.09 4.80	7.14	10.7	16.7	26.3		40.0	61.3		108
	1.14	2.03	50.3	17.5 1.13 1.35 1.66 2.28 3.21 5.21	7.85	11.7	18.0	28.0		42.5	64.6		109
	0.91	*0.94*	*6.57*	*3.57 0.62 0.59 0.66 0.78 1.27 2.08*	*2.43*	*2.65*	*2.82*	*3.94*		*6.48*	*8.94*		*8.34*
928	03571855	34°59′32″	85°43′16″	POPLAR SPRING BRANCH AT RICHARD CITY (0)	5.25	4.97	50	2.362	41	2.40	1	--	--
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	0.43	0.64	7.03	2.99 0.40 0.44 0.52 0.66 0.84 1.17	1.54	2.09	2.94	3.96		6.30	10.5		17.2
	0.14	0.27	8.79	2.72 0.14 0.17 0.22 0.30 0.43 0.72	1.13	1.75	2.79	4.50		7.08	11.2		19.2
	0.65	*0.68*	*2.76*	*2.33 0.80 0.67 0.69 0.79 0.99 1.26*	*1.42*	*1.65*	*1.63*	*1.73*		*3.58*	*7.95*		*8.49*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
929	03572090	34°59′39″	85°54′09″	CROW CREEK AT ANDERSON (1)							78.2	78.1	50	2.372	39	2.44	5	8	03574500
	0.96	1.77	167	35.5	1.00	1.17	1.43	2.13	3.20	5.73	9.72	17.3	41.5	88.9		137	217		411
	2.35	3.99	141	40.2	2.38	2.80	3.40	4.63	6.38	10.4	16.3	25.4	44.1	75.1		117	174		308
	2.45	4.61	146	48.1	2.45	2.98	3.73	5.26	7.66	13.0	20.4	31.5	50.0	79.1		121	186		316
	0.90	*1.06*	*10.2*	*2.91*	*0.57*	*0.62*	*0.73*	*0.90*	*1.81*	*3.04*	*2.85*	*2.48*	*2.47*	*3.50*		*7.29*	*12.3*		*14.3*
930	03574702	35°00′42″	86°30′06″	FLINT RIVER AT LINCOLN (1)							52.2	52.5	139	2.383	46	1.27	5	15	03575000
	5.81	7.00	78.0	23.4	4.65	5.01	5.75	7.38	8.41	10.5	12.7	16.9	22.4	31.4		56.0	103		181
	7.58	10.6	90.3	37.9	7.67	8.42	9.52	11.4	13.6	17.7	21.9	28.0	37.9	53.0		73.8	108		187
	8.57	11.3	88.5	38.8	8.29	9.05	10.1	11.9	14.1	18.3	22.7	28.9	39.1	54.1		76.9	108		182
	0.54	*0.52*	*8.36*	*2.94*	*0.67*	*0.61*	*0.64*	*0.66*	*0.73*	*0.81*	*0.94*	*1.33*	*2.17*	*3.43*		*8.57*	*17.7*		*20.5*
931	03577966	35°21′29″	85°50′10″	ELK RIVER NEAR MT. VIEW (0)							25.7	25.9	49	2.349	28	2.73	1	--	--
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	0.97	1.67	52.8	16.2	0.97	1.18	1.42	1.83	2.58	4.01	6.58	10.4	17.4	27.6		40.7	61.3		116
	0.71	1.40	47.2	15.8	0.71	0.88	1.12	1.60	2.37	4.21	6.62	10.3	16.2	25.8		40.1	62.2		105
	0.53	*0.70*	*6.26*	*3.29*	*0.35*	*0.35*	*0.42*	*0.53*	*0.78*	*1.14*	*1.73*	*2.23*	*2.55*	*3.45*		*4.90*	*5.97*		*7.10*
932	03577985	35°19′21″	85°49′29″	DRY CREEK NEAR MT. VIEW (0)							22.4	21.4	45	2.350	25	3.07	1	--	--
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	0.51	1.00	41.9	13.1	0.57	0.68	0.81	1.04	1.42	2.77	5.00	8.40	13.7	21.6		32.8	50.5		94.1
	0.46	0.95	39.7	12.6	0.46	0.58	0.74	1.10	1.67	3.12	5.07	8.06	13.1	21.2		33.6	52.8		89.8
	0.81	*1.13*	*6.53*	*3.61*	*0.46*	*0.46*	*0.53*	*0.63*	*0.88*	*1.92*	*2.73*	*3.17*	*3.24*	*4.03*		*5.87*	*6.96*		*7.27*
933	03578030	35°17′05″	85°53′14″	CALDWELL CREEK NEAR PELHAM (1)							21.6	21.5	49	2.353	33	2.52	6	6	03578000
	0.32	0.57	45.4	9.00	0.33	0.38	0.43	0.59	0.92	1.86	3.70	7.22	14.3	27.0		41.2	60.3		106
	1.13	1.78	42.5	13.4	1.13	1.29	1.53	1.95	2.69	4.23	6.40	9.68	15.4	24.0		35.2	52.6		94.3
	0.60	1.16	38.8	12.7	0.60	0.74	0.93	1.32	1.93	3.36	5.29	8.21	13.1	20.8		32.4	50.4		85.9
	0.66	*0.78*	*6.73*	*3.29*	*0.48*	*0.46*	*0.53*	*0.66*	*1.07*	*1.95*	*2.48*	*2.83*	*3.17*	*4.68*		*7.15*	*8.04*		*7.67*
934	03578190	35°16′28″	85°56′14″	MUD CREEK NEAR ALTO (0)							18.4	18.0	90	2.355	52	2.26	1	--	--
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	1.34	1.95	29.1	10.3	1.27	1.43	1.68	2.12	2.66	3.60	4.92	6.96	10.2	15.7		24.6	37.2		62.8
	1.87	2.77	31.9	13.1	1.82	2.04	2.37	2.96	3.77	5.23	7.01	9.47	13.4	19.3		27.9	40.3		65.9
	0.80	*0.81*	*2.66*	*2.02*	*0.82*	*0.71*	*0.75*	*0.80*	*0.91*	*1.04*	*1.17*	*1.19*	*1.34*	*1.98*		*5.21*	*13.5*		*18.1*
935	03578300	35°20′34″	85°57′37″	BEAN CREEK AT PRAIRIE PLAINS (0)							18.1	17.6	78	2.351	62	1.46	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	1.21	1.78	28.2	9.96	1.14	1.30	1.52	1.94	2.46	3.42	4.71	6.90	10.0	15.0		23.3	36.0		61.3
	1.35	2.04	28.8	11.1	1.31	1.49	1.75	2.18	2.77	3.89	5.39	7.53	11.0	16.3		23.9	35.6		60.2
	0.92	*0.92*	*2.46*	*2.58*	*0.99*	*0.88*	*0.90*	*0.96*	*1.09*	*1.33*	*1.64*	*1.68*	*1.57*	*1.71*		*3.97*	*8.24*		*12.1*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
936	03578390	35°24′58″	85°58′10″	BRADLEY CREEK AT HILLSBORO (0)	11.8	11.6	68	2.348	63	1.20	1	--	--
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	0.82	1.19	19.2	6.59 0.80 0.90 1.04 1.31 1.65 2.30	3.18	4.71	6.90	10.2		15.7	24.1		41.2
	0.65	1.03	18.2	6.52 0.64 0.74 0.88 1.10 1.42 2.06	2.94	4.25	6.43	9.73		14.6	22.3		38.6
	0.68	*0.67*	*3.35*	*1.98 0.71 0.60 0.60 0.66 0.78 0.96*	*1.15*	*1.25*	*1.19*	*1.31*		*2.91*	*8.21*		*8.98*
937	03578504	35°19′11″	86°00′14″	BRADLEY CREEK NEAR DUNCANTOWN (1)	50.5	47.7	120	2.370	60	1.10	4	4	03578500
	4.13	4.78	79.4	33.5 3.77 4.15 4.51 4.99 5.86 8.96	12.0	17.5	26.8	45.5		69.0	102		172
	6.50	8.56	77.6	30.2 6.25 6.84 7.67 8.95 10.6 13.5	16.9	21.8	30.7	45.3		64.9	94.5		161
	6.63	8.80	77.2	32.9 6.40 7.03 7.91 9.27 11.0 14.3	18.2	23.6	32.7	45.9		65.3	93.4		158
	0.91	*0.77*	*12.0*	*3.47 1.15 1.06 1.11 1.10 1.14 1.17*	*1.24*	*1.56*	*2.25*	*3.85*		*13.7*	*20.8*		*22.6*
938	03579620	35°21′34″	86°12′47″	ROCK CREEK AT TULLAHOMA (1)	12.3	12.2	140	2.370	22	0.88	7	16	03578000
	0.33	0.58	25.9	7.50 0.35 0.39 0.44 0.59 0.90 1.75	3.35	6.29	10.5	15.9		23.4	34.3		60.4
	0.69	0.99	21.1	5.40 0.72 0.79 0.91 1.08 1.31 1.74	2.32	3.62	5.94	10.6		16.7	25.4		44.5
	1.43	1.98	18.7	7.85 1.38 1.57 1.76 2.10 2.50 3.55	4.39	5.61	7.69	10.7		16.1	23.5		40.6
	0.62	*0.54*	*9.28*	*1.95 0.63 0.50 0.53 0.53 0.61 0.72*	*0.76*	*0.89*	*1.40*	*2.88*		*7.70*	*17.1*		*19.1*
939	03579700	35°15′09″	86°08′29″	ROCK CREEK NEAR ESTILL SPRINGS (1)	41.2	42.1	140	2.375	29	1.01	11	19	03578000
	6.85	11.7	86.7	55.5 7.11 8.05 9.03 11.9 18.0 34.1	42.5	52.5	63.0	73.0		78.5	115		202
	5.26	7.27	70.3	25.2 5.28 5.83 6.60 7.73 9.24 11.9	14.4	18.6	25.9	37.0		54.7	84.8		151
	5.74	7.76	67.4	29.4 5.56 6.22 6.96 8.27 9.87 13.6	16.9	21.5	29.2	40.4		58.8	83.9		143
	0.58	*0.54*	*9.47*	*2.54 0.73 0.66 0.70 0.70 0.73 0.77*	*0.83*	*1.08*	*1.82*	*3.27*		*9.68*	*16.4*		*18.4*
940	03579900	35°09′45″	86°00′20″	BOILING FORK CREEK AT COWAN (1)	17.0	16.3	50	2.363	57	2.14	7	9	03578000
	0.38	0.68	35.8	9.41 0.40 0.46 0.52 0.70 1.09 2.15	4.17	7.98	14.0	22.0		32.4	47.4		83.4
	0.57	0.99	27.2	8.34 0.54 0.64 0.79 1.09 1.51 2.43	3.67	5.71	8.86	14.1		21.9	33.6		58.4
	0.52	0.96	28.8	9.18 0.52 0.63 0.78 1.07 1.51 2.43	3.80	5.88	9.39	15.0		23.1	36.1		61.7
	0.72	*0.91*	*4.75*	*3.13 0.48 0.46 0.54 0.67 0.96 1.70*	*2.11*	*2.30*	*2.29*	*3.09*		*5.05*	*7.10*		*6.54*
941	03580000	35°09′28″	86°00′57″	BOILING FORK CREEK SOUTH OF COWAN (1)	20.2	20.1	50	2.363	62	2.00	5	6	03578000
	0.30	0.53	42.5	8.50 0.32 0.36 0.41 0.55 0.86 1.72	3.39	6.55	13.9	24.0		38.5	56.3		99.2
	0.73	1.25	33.3	10.1 0.70 0.82 1.00 1.38 1.91 3.01	4.45	6.88	10.9	17.6		27.0	41.0		71.1
	0.65	1.18	35.3	11.2 0.65 0.78 0.97 1.32 1.86 2.96	4.63	7.17	11.5	18.3		28.1	43.8		75.2
	0.71	*0.89*	*5.52*	*3.58 0.47 0.46 0.54 0.68 1.01 1.87*	*2.49*	*2.86*	*3.09*	*4.27*		*6.32*	*7.17*		*6.80*
942	03580200	35°08′32″	86°03′55″	NORWOOD CREEK NEAR COWAN (1)	10.3	9.56	50	2.379	64	1.97	8	13	03580300
	0.85	1.11	18.4	7.88 0.85 0.90 1.01 1.24 1.55 2.25	3.38	5.91	9.07	12.2		17.0	20.6		35.0
	0.45	0.76	15.8	5.09 0.42 0.49 0.60 0.81 1.10 1.69	2.44	3.65	5.55	8.39		12.8	19.4		33.3
	0.30	0.54	16.8	5.07 0.30 0.36 0.44 0.60 0.84 1.33	2.07	3.22	5.19	8.41		13.1	20.7		35.7
	0.83	*0.97*	*4.71*	*3.20 0.73 0.66 0.71 0.80 0.97 1.48*	*1.89*	*2.16*	*2.24*	*2.93*		*4.68*	*6.93*		*6.80*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
943	03580405	35°12′04″	86°05′41″	WAGNER CREEK NEAR DECHERD (0)							15.0	14.7	71	2.377	83	1.46	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.96	1.48	25.2	8.46	0.96	1.08	1.27	1.62	2.08	2.98	4.15	6.21	9.15	13.8		20.9	30.4		52.1
	0.99	1.52	24.7	8.65	0.97	1.10	1.30	1.62	2.08	2.87	4.06	5.81	8.73	13.3		19.6	29.7		50.7
	0.68	*0.65*	*4.17*	*1.92*	*0.61*	*0.52*	*0.54*	*0.60*	*0.73*	*0.92*	*1.14*	*1.28*	*1.35*	*2.01*		*4.64*	*9.36*		*7.89*
944	03580500	35°11′55″	86°07′29″	BOILING FORK CREEK AT WINCHESTER (1)							77.1	75.6	62	2.377	74	1.68	2	11	03579100
	11.9	17.1	153	71.2	11.3	14.7	15.8	18.4	20.3	25.9	37.1	53.2	77.9	114		150	190		320
	3.37	5.32	127	37.8	3.46	3.98	4.68	5.96	7.79	11.5	16.5	24.1	38.6	64.7		104	155		271
	4.19	6.76	133	46.9	4.12	4.77	5.73	7.43	9.94	14.6	21.4	31.4	47.9	73.2		108	162		276
	1.09	*1.16*	*7.17*	*3.69*	*0.82*	*0.83*	*0.95*	*1.06*	*1.81*	*2.63*	*2.59*	*2.29*	*2.31*	*2.84*		*6.12*	*9.65*		*10.6*
945	03580700	35°15′24″	86°15′21″	HURRICANE CREEK AT AWALT (1)							24.6	24.2	72	2.375	56	1.96	9	16	03596000
	4.82	6.72	44.5	23.2	5.14	5.63	6.45	7.35	8.48	10.4	12.8	16.6	23.5	31.0		38.5	48.7		84.8
	1.50	2.34	40.9	13.1	1.43	1.63	1.94	2.52	3.27	4.66	6.54	9.42	14.2	21.3		32.8	50.2		86.0
	1.67	2.63	43.0	15.7	1.64	1.88	2.23	2.86	3.75	5.44	7.68	10.9	16.1	24.2		35.8	53.3		89.5
	1.01	*1.00*	*5.91*	*2.81*	*0.79*	*0.70*	*0.73*	*0.85*	*1.08*	*1.47*	*1.94*	*1.98*	*1.85*	*2.26*		*5.15*	*11.9*		*11.1*
946	03580775	35°03′46″	86°14′48″	BEANS CREEK AT BEANS CREEK (1)							19.0	17.7	84	2.382	63	1.62	10	10	03578000
	0.89	1.54	44.6	19.3	0.92	1.05	1.18	1.58	2.42	4.71	9.02	17.0	24.9	32.8		41.5	53.0		93.3
	1.20	1.85	28.9	9.72	1.14	1.29	1.53	2.00	2.59	3.60	4.93	7.04	10.3	15.4		23.5	35.3		59.9
	1.54	2.28	30.6	11.4	1.50	1.69	1.97	2.43	3.08	4.22	5.76	7.95	11.6	17.1		25.2	37.2		62.8
	0.66	*0.66*	*6.68*	*1.88*	*0.53*	*0.47*	*0.51*	*0.58*	*0.70*	*0.91*	*1.12*	*1.20*	*1.39*	*2.09*		*6.90*	*18.6*		*12.7*
947	03580800	35°07′18″	86°18′20″	BEANS CREEK NEAR LEXIE CROSSROADS (1)							89.7	83.6	110	2.380	70	1.58	12	17	03575000
	15.6	18.8	148	61.5	12.3	13.2	15.1	19.3	21.9	27.2	32.5	42.9	56.6	83.0		125	178		310
	12.2	16.6	133	58.7	11.6	12.7	14.3	17.3	20.8	27.0	34.3	44.4	59.7	82.2		112	163		274
	11.9	16.1	146	62.3	11.6	12.6	14.3	17.1	20.9	26.9	34.9	45.8	63.4	89.6		126	178		295
	0.80	*0.89*	*11.7*	*4.87*	*0.91*	*0.90*	*1.02*	*1.21*	*1.50*	*2.08*	*2.44*	*3.29*	*4.25*	*5.37*		*13.8*	*32.7*		*27.5*
948	03580943	35°07′52″	86°27′40″	DUKES CREEK NEAR KELSO (1)							8.34	8.49	60	2.380	51	1.74	4	4	03578000
	0.62	1.06	20.7	10.1	0.65	0.74	0.83	1.11	1.70	3.30	6.31	9.20	12.5	15.8		19.4	23.3		40.9
	0.48	0.74	14.0	4.39	0.45	0.51	0.61	0.80	1.06	1.54	2.14	3.19	4.80	7.39		11.5	17.3		29.6
	0.37	0.63	14.6	4.74	0.36	0.43	0.52	0.69	0.93	1.42	2.10	3.12	4.83	7.56		11.6	18.1		31.1
	0.66	*0.67*	*4.69*	*2.26*	*0.63*	*0.53*	*0.55*	*0.62*	*0.78*	*1.02*	*1.33*	*1.51*	*1.54*	*2.23*		*4.48*	*8.29*		*7.28*
949	03580975	35°18′05″	86°22′01″	E FORK MULBERRY CR NR COUNTYLINE (1)							17.8	17.8	50	2.374	56	1.99	5	5	03580995
	1.81	2.92	38.0	15.7	1.98	2.30	2.51	3.00	3.63	5.70	7.84	10.9	14.8	20.2		27.5	41.2		78.3
	0.63	1.12	30.6	9.26	0.61	0.72	0.89	1.22	1.70	2.76	4.17	6.53	10.2	16.4		24.8	36.9		64.6
	0.55	1.01	31.5	9.78	0.55	0.66	0.82	1.13	1.60	2.57	4.02	6.25	10.0	16.1		24.9	39.1		67.4
	0.74	*0.98*	*5.31*	*3.24*	*0.44*	*0.43*	*0.51*	*0.64*	*0.93*	*1.77*	*2.20*	*2.50*	*2.67*	*3.77*		*5.90*	*7.05*		*6.45*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
950	03580995	35°16′56″	86°22′17″	EF MULBERRY CR, J DANIELS DIST, LYNCHBURG (1, 2)							23.4	23.4	50	2.375	57	1.96	6	0	0
	2.33	3.74	50.0	20.6	2.60	3.03	3.30	3.94	4.77	7.49	10.3	14.3	19.5	26.5		36.2	54.2		103
	0.98	1.64	40.1	11.8	0.95	1.11	1.34	1.77	2.42	3.72	5.42	8.30	13.2	21.2		32.3	49.1		85.7
	0.73	1.34	41.5	12.9	0.73	0.88	1.09	1.49	2.12	3.41	5.33	8.28	13.3	21.3		32.8	51.4		88.7
	1.02	*1.24*	*5.47*	*3.00*	*0.61*	*0.61*	*0.68*	*0.75*	*1.10*	*2.17*	*2.77*	*2.76*	*2.54*	*3.16*		*5.23*	*7.61*		*7.33*
951	03581200	35°13′02″	86°26′42″	EAST FORK MULBERRY CREEK AT MULBERRY (1)							49.4	49.4	49	2.378	55	1.74	5	5	03580995
	4.84	7.90	106	43.5	5.49	6.40	6.97	8.32	10.1	15.8	21.7	30.2	41.2	55.9		76.4	114		217
	1.49	2.61	86.2	23.3	1.49	1.76	2.16	2.93	4.09	6.55	9.93	15.6	25.7	43.4		68.6	105		185
	1.44	2.64	87.0	27.1	1.43	1.74	2.17	2.98	4.24	6.95	11.0	17.2	27.8	44.6		68.7	107		187
	1.05	*1.11*	*9.95*	*3.19*	*0.58*	*0.61*	*0.69*	*0.81*	*1.39*	*2.44*	*2.59*	*2.45*	*2.54*	*3.68*		*6.86*	*12.1*		*12.8*
952	03581600	35°10′31″	86°28′13″	MULBERRY CREEK NEAR MULBERRY (1)							98.6	99.1	44	2.379	52	1.72	4	4	03584000
	1.99	3.37	165	24.4	2.21	2.60	3.12	4.07	5.36	8.11	12.2	17.6	26.6	57.5		131	208		382
	2.34	3.72	167	37.2	2.32	2.66	3.22	4.22	5.74	9.36	14.6	22.8	39.5	73.9		130	202		363
	2.09	4.09	176	52.4	2.10	2.61	3.31	4.70	6.95	12.0	19.9	32.2	53.8	88.3		138	218		384
	0.75	*0.95*	*12.7*	*2.90*	*0.40*	*0.48*	*0.57*	*0.75*	*1.46*	*2.63*	*2.85*	*2.61*	*2.58*	*3.50*		*7.80*	*13.3*		*18.0*
953	03582205	35°13′33″	86°33′56″	NORRIS CREEK BELOW HOWELL (1)							15.1	15.0	40	2.379	51	1.99	10	26	03578000
	0.12	0.21	25.0	3.40	0.12	0.14	0.16	0.22	0.35	0.71	1.44	2.86	5.17	11.0		21.1	42.1		74.1
	0.00	0.68	23.6	6.79	0.00	0.00	0.00	0.69	1.01	1.76	2.74	4.44	7.35	12.2		19.1	29.6		50.9
	0.00	0.45	26.6	7.03	0.00	0.00	0.00	0.52	0.79	1.43	2.46	4.17	7.22	12.4		20.0	33.1		58.7
	0.87	*1.16*	*4.39*	*2.82*	*0.51*	*0.51*	*0.59*	*0.72*	*0.99*	*2.09*	*2.71*	*2.79*	*2.45*	*3.01*		*4.65*	*7.34*		*6.74*
954	035825882	35°13′22″	86°37′23″	CANE CREEK NEAR HOWELL (0)							78.8	78.7	35	2.380	57	1.79	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.64	1.14	120	24.0	0.00	0.71	0.93	1.15	1.63	3.72	7.37	13.6	23.7	45.6		85.8	145		268
	0.57	1.35	141	33.4	0.00	0.77	1.04	1.62	2.65	5.26	10.0	18.4	34.4	61.9		102	173		316
	1.09	*1.37*	*11.3*	*3.33*	*0.44*	*0.52*	*0.62*	*0.66*	*1.05*	*2.21*	*2.87*	*2.65*	*2.53*	*3.34*		*7.18*	*11.1*		*15.8*
955	03582700	35°05′02″	86°44′02″	COLDWATER CREEK AT COLDWATER (1)							29.8	27.9	75	2.386	57	1.85	12	20	03584000
	0.87	1.50	49.9	11.0	0.96	1.13	1.35	1.75	2.28	3.40	5.06	7.19	12.2	21.1		39.7	62.9		116
	1.95	3.07	46.4	16.1	1.89	2.17	2.57	3.36	4.34	6.14	8.46	11.9	17.0	25.0		37.3	56.5		97.5
	2.03	3.16	49.7	18.0	1.99	2.27	2.69	3.42	4.45	6.37	8.92	12.6	18.5	27.8		41.2	61.0		103
	1.01	*1.10*	*6.82*	*2.92*	*0.77*	*0.69*	*0.78*	*1.01*	*1.32*	*1.76*	*1.87*	*1.89*	*1.93*	*2.26*		*5.87*	*15.1*		*13.3*
956	03583230	35°06′39″	86°48′23″	BRADSHAW CREEK AT DELLROSE (1)							68.2	68.4	47	2.388	54	2.05	4	4	03584000
	0.93	1.63	114	14.9	1.03	1.22	1.46	1.91	2.53	3.84	5.79	8.36	12.7	39.0		90.8	144		264
	1.91	3.30	117	27.9	1.89	2.26	2.76	3.71	5.14	8.07	12.0	18.5	31.2	55.7		93.6	144		254
	1.84	3.47	126	38.3	1.84	2.24	2.82	3.95	5.75	9.60	15.4	24.4	39.7	64.5		99.6	155		270
	0.94	*1.06*	*10.3*	*3.14*	*0.50*	*0.56*	*0.66*	*0.79*	*1.38*	*2.48*	*2.56*	*2.35*	*2.37*	*3.30*		*7.58*	*13.1*		*14.2*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
957	03583254	35°04′36″	86°52′38″	ELK RIVER AT MORRELL MILL (1)							1250	1266	71	2.392	58	1.70	4	4	03584500
	157	210	2240	1200	146	175	203	240	289	434	625	896	1240	1580		2050	2772		4978
	132	182	2066	969	126	142	161	196	244	346	480	655	957	1343		1902	2758		4630
	93.4	145	2362	930	91.9	106	125	163	217	322	460	652	964	1418		2021	2884		4890
	4.17	*5.22*	*12.3*	*9.52*	*4.32*	*6.11*	*6.42*	*6.80*	*7.17*	*7.44*	*7.43*	*6.49*	*7.82*	*9.16*		*12.7*	*17.2*		*24.4*
958	03583320	35°18′46″	87°01′48″	RICHLAND CREEK AT MILKY WAY (1)							149	149	41	2.384	58	1.85	5	5	03584000
	2.27	3.97	250	28.7	2.54	3.00	3.61	4.72	6.24	9.48	14.3	20.7	31.4	78.0		198	315		578
	4.33	5.67	247	55.3	4.14	4.16	4.98	5.85	7.36	12.2	20.1	33.3	56.9	110		187	292		537
	2.58	5.23	271	77.1	2.59	3.25	4.19	6.08	9.22	16.4	27.9	46.6	79.6	133		208	333		589
	0.81	*1.14*	*15.1*	*4.94*	*0.41*	*0.51*	*0.61*	*0.69*	*1.16*	*2.53*	*3.62*	*3.52*	*3.68*	*5.28*		*11.5*	*13.0*		*16.7*
959	03583327	35°21′59″	87°09′46″	FACTORY CREEK NEAR LIBERTY HILL (1)							27.6	28.1	118	2.394	78	2.43	3	6	03584000
	1.85	3.15	46.2	19.1	2.04	2.39	2.84	3.66	4.75	7.04	10.4	14.7	20.6	28.2		36.7	58.3		107
	3.52	4.94	45.9	17.9	3.56	3.89	4.40	5.32	6.48	8.54	10.9	14.0	19.2	27.5		38.5	56.0		92.9
	4.88	6.53	52.9	22.2	4.73	5.05	5.72	6.83	8.31	10.3	13.2	17.0	23.2	32.8		46.0	64.4		104
	0.59	*0.57*	*9.73*	*4.14*	*0.81*	*0.73*	*0.78*	*0.83*	*0.96*	*1.21*	*1.42*	*1.95*	*3.22*	*5.54*		*14.3*	*20.4*		*16.0*
960	03583330	35°21′55″	87°08′41″	FACTORY CREEK NEAR CAMPBELLSVILLE (1)							38.2	38.7	106	2.394	76	2.43	4	14	03584000
	2.83	4.81	64.0	28.5	3.15	3.68	4.39	5.67	7.39	11.0	16.3	23.1	34.5	53.7		50.8	80.7		148
	3.34	5.03	63.7	23.0	3.24	3.58	4.19	5.32	6.75	9.41	12.6	16.9	24.5	35.9		52.4	76.7		128
	5.76	7.95	73.0	30.0	5.60	6.05	6.92	8.38	10.4	13.3	17.3	22.7	31.4	44.9		63.2	89.1		145
	0.80	*0.80*	*6.46*	*2.88*	*0.87*	*0.80*	*0.87*	*0.96*	*1.08*	*1.20*	*1.25*	*1.54*	*2.22*	*3.20*		*8.75*	*16.7*		*12.7*
961	03583360	35°22′07″	87°08′12″	YOKLEY CREEK NEAR CAMPBELLSVILLE (1)							20.2	20.2	50	2.393	68	2.52	7	15	03584000
	1.01	1.64	33.8	9.93	0.96	1.13	1.35	1.74	2.28	3.41	5.08	7.23	10.8	16.9		26.9	42.7		78.3
	0.89	1.43	34.5	9.66	0.84	0.96	1.16	1.53	2.11	3.22	4.60	7.06	11.2	18.3		27.9	42.2		72.5
	0.69	1.26	38.0	11.6	0.69	0.82	1.02	1.40	1.99	3.12	4.89	7.57	12.1	19.6		30.0	46.7		79.5
	0.92	*1.12*	*5.29*	*2.71*	*0.60*	*0.60*	*0.67*	*0.73*	*1.08*	*1.98*	*2.37*	*2.41*	*2.30*	*2.93*		*5.12*	*7.65*		*7.27*
962	03583400	35°16′31″	87°03′30″	BIG CREEK NEAR RIVERSBURG (1)							86.6	87.3	76	2.387	70	2.32	16	27	03584000
	7.79	12.0	145	54.5	8.48	9.62	11.1	13.6	16.9	23.3	31.9	42.3	58.3	83.4		120	174		336
	5.67	8.69	142	49.9	5.59	6.39	7.48	9.59	12.2	17.2	23.8	33.5	51.2	79.2		119	177		304
	7.62	11.6	164	62.9	7.47	8.40	9.90	12.6	16.5	23.1	32.3	45.0	65.6	97.1		139	201		333
	1.18	*1.33*	*6.85*	*3.61*	*1.01*	*0.96*	*1.07*	*1.32*	*1.73*	*2.34*	*2.52*	*2.54*	*2.99*	*3.06*		*6.71*	*12.0*		*11.9*
963	03583480	35°14′00″	87°05′04″	PIGEON ROOST CREEK NEAR WALES (1)							22.9	22.9	50	2.390	66	2.29	7	21	03584000
	0.67	1.16	38.3	9.10	0.75	0.88	1.06	1.38	1.82	2.76	4.17	6.00	10.0	17.8		30.5	48.4		88.8
	0.96	1.56	39.3	10.9	0.92	1.06	1.27	1.67	2.32	3.57	5.14	7.89	12.6	20.7		31.7	48.0		82.9
	0.76	1.39	42.2	12.9	0.76	0.91	1.13	1.54	2.19	3.45	5.41	8.38	13.4	21.7		33.3	51.8		88.8
	0.92	*1.12*	*5.51*	*2.65*	*0.60*	*0.60*	*0.67*	*0.73*	*1.07*	*1.93*	*2.33*	*2.37*	*2.26*	*3.10*		*5.35*	*7.69*		*7.31*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80% 70% 60% 50% 40% 30% 20% 10%									
				Central and East Tennessee region--continued									
964	03583495	35°16′39″	87°11′58″	DRY WEAKLEY CREEK NEAR WEAKLEY (0)	13.9	13.9	119	2.398	79	2.45	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	1.92	2.82	22.9	9.88 1.88 2.06 2.38 2.97 3.70 4.90 6.19 8.02 10.4 14.1 19.4 27.1 44.2									
	2.38	3.19	26.0	10.6 2.31 2.46 2.79 3.31 4.01 4.95 6.29 8.13 11.1 15.8 22.4 31.6 51.1									
	0.50	*0.51*	*8.24*	*3.62 0.45 0.39 0.42 0.51 0.72 1.15 1.64 2.35 3.23 5.57 10.7 15.0 11.9*									
965	03583900	35°13′04″	87°05′53″	WEAKLEY CREEK NEAR PULASKI (1)	72.3	71.9	95	2.393	72	2.35	9	11	03584000
	7.75	11.7	121	47.5 8.38 9.46 10.8 13.2 16.2 22.0 29.7 38.8 51.8 71.6 96.2 153 280									
	7.73	11.3	117	43.6 7.39 8.31 9.62 11.9 14.8 19.8 25.5 33.2 46.3 66.2 96.3 142 238									
	9.05	12.9	136	55.1 8.83 9.67 11.2 13.8 17.4 23.0 30.6 41.0 57.6 83.1 117 166 272									
	0.82	*0.90*	*12.8*	*4.20 0.87 0.86 0.98 1.17 1.41 1.98 2.23 2.79 3.46 3.96 9.74 28.7 21.5*									
966	03584050	35°11′37″	87°03′43″	CHICKEN CREEK NEAR PULASKI (1)	8.10	8.08	91	2.392	62	2.03	5	7	03584000
	0.10	0.18	13.6	1.50 0.12 0.14 0.17 0.22 0.30 0.47 0.72 1.06 1.64 4.30 10.8 17.1 31.4									
	0.84	1.20	13.6	5.23 0.79 0.88 1.02 1.28 1.60 2.14 2.79 3.85 5.37 7.83 11.4 16.2 27.3									
	0.81	1.19	14.4	5.36 0.79 0.88 1.02 1.26 1.58 2.12 2.84 3.86 5.53 8.17 12.0 17.7 29.4									
	0.46	*0.45*	*7.11*	*2.36 0.44 0.37 0.40 0.47 0.59 0.77 1.00 1.35 1.74 2.96 6.93 14.4 11.3*									
967	03585205	35°00′29″	87°06′06″	WEST FORK SHOAL CREEK NEAR BETHEL (1)	20.4	20.0	140	2.417	74	2.29	6	6	03584000
	0.86	1.48	34.2	10.0 0.97 1.14 1.36 1.76 2.30 3.44 5.13 7.30 10.9 17.1 27.1 43.1 79.1									
	3.94	5.38	34.5	15.4 4.02 4.37 4.91 5.84 6.87 8.57 10.4 12.8 16.4 22.0 29.6 41.0 67.4									
	4.11	5.30	37.9	15.8 3.98 4.20 4.69 5.49 6.52 7.89 9.75 12.3 16.5 23.3 32.7 45.7 74.0									
	0.67	*0.65*	*9.10*	*3.25 0.81 0.69 0.74 0.77 0.89 1.10 1.31 1.89 2.96 5.25 12.5 17.7 14.9*									
968	03585250	35°03′54″	87°13′59″	EAST FK SUGAR CREEK NR MINOR HILL (1)	36.6	36.5	140	2.409	79	2.68	12	20	03584000
	12.3	14.8	61.3	30.8 12.7 13.4 14.3 15.6 17.2 19.7 22.6 26.7 32.0 39.5 48.7 77.3 142									
	6.79	9.47	64.8	29.5 7.04 7.69 8.69 10.4 12.4 15.7 19.3 23.9 30.6 40.9 55.3 77.0 127									
	8.22	10.6	71.2	30.9 7.96 8.34 9.33 11.0 13.1 15.8 19.5 24.5 32.6 45.5 62.8 86.3 138									
	0.48	*0.48*	*8.98*	*2.79 0.45 0.42 0.45 0.48 0.56 0.69 0.88 1.36 2.21 3.78 10.4 17.4 14.8*									
969	03585260	35°03′49″	87°13′51″	SHANNON CREEK NEAR MINOR HILL (1)	17.4	18.6	140	2.409	80	2.36	12	20	03584000
	2.46	3.80	33.5	17.9 2.69 3.07 3.57 4.44 5.56 7.80 10.9 14.7 18.6 23.5 29.5 36.8 67.5									
	3.83	5.24	32.4	14.9 3.91 4.24 4.77 5.67 6.65 8.29 10.0 12.4 15.7 20.9 28.0 38.3 63.1									
	3.96	5.09	35.2	14.8 3.84 4.03 4.50 5.25 6.22 7.45 9.20 11.6 15.5 21.8 30.5 42.4 68.4									
	0.68	*0.67*	*9.12*	*3.46 0.85 0.72 0.77 0.81 0.94 1.18 1.41 2.05 3.18 5.47 12.5 17.5 14.8*									
970	03587270	35°03′43″	87°25′06″	BLUEWATER CREEK NEAR LORETTO (1)	23.5	23.4	140	2.405	84	2.00	5	5	03588500
	3.74	5.12	43.9	15.9 3.59 3.96 4.48 5.39 6.22 7.78 9.49 11.8 16.8 24.0 38.0 53.6 87.9									
	4.96	6.77	41.2	19.4 5.16 5.59 6.27 7.44 8.70 10.8 13.1 16.0 20.3 27.0 35.7 48.7 80.2									
	4.89	6.22	43.0	18.2 4.73 4.97 5.54 6.41 7.55 9.00 11.1 14.0 18.9 26.4 36.9 51.5 83.7									
	0.67	*0.65*	*9.55*	*3.63 0.85 0.74 0.78 0.81 0.93 1.14 1.33 1.78 3.07 5.65 12.9 19.4 15.6*									

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
971	03587300	35°00′44″	87°27′08″	BLUEWATER CK NR ST JOSEPH (1)							38.8	38.3	140	2.405	83	2.08	8	16	03588500
	4.53	6.14	72.5	21.7	4.37	4.81	5.44	6.55	7.56	9.45	11.5	14.3	23.2	37.5		62.8	88.5		145
	7.45	10.3	67.9	31.1	7.74	8.42	9.48	11.3	13.3	16.7	20.4	25.2	32.3	43.3		58.2	80.2		132
	8.19	10.4	71.2	30.7	7.92	8.33	9.29	10.8	12.8	15.3	18.9	23.8	32.0	44.5		61.7	85.5		139
	0.46	*0.46*	*9.52*	*2.73*	*0.43*	*0.40*	*0.43*	*0.46*	*0.53*	*0.65*	*0.81*	*1.21*	*2.08*	*3.82*		*10.8*	*18.1*		*14.8*
972	03587500	35°14′02″	87°20′00″	SHOAL CR AB L SHOAL CR, LAWRENCEBURG (1)							27.0	27.1	140	2.400	84	1.46	7	11	03584000
	1.25	2.10	50.4	23.4	5.74	6.32	7.15	8.61	9.93	12.4	15.1	18.8	24.4	32.5		43.7	61.6		101
	5.80	7.92	48.4	22.7	6.08	6.60	7.40	8.78	10.2	12.7	15.4	18.8	23.8	31.8		42.1	57.3		94.4
	5.26	6.62	47.2	19.8	5.07	5.37	5.97	6.83	7.95	9.50	11.8	14.9	20.2	28.3		39.7	55.9		92.6
	0.67	*0.64*	*8.94*	*2.78*	*0.80*	*0.70*	*0.74*	*0.75*	*0.83*	*0.91*	*1.03*	*1.38*	*2.24*	*4.11*		*10.6*	*16.5*		*13.7*
973	03587900	35°16′16″	87°20′24″	LITTLE SHOAL CREEK NR LAWRENCEBURG (1)							15.4	14.5	140	2.399	86	1.25	8	11	03588500
	5.69	7.88	32.0	19.8	5.48	6.02	6.79	8.13	9.34	11.6	14.1	17.4	20.5	24.4		29.5	35.1		57.6
	3.20	4.28	24.9	11.8	3.17	3.42	3.83	4.54	5.34	6.62	8.01	9.67	12.4	16.3		21.8	29.5		48.3
	2.65	3.32	24.2	9.92	2.55	2.71	3.01	3.40	3.92	4.66	5.77	7.34	10.0	14.1		20.0	28.5		47.8
	0.58	*0.59*	*8.77*	*3.28*	*0.55*	*0.47*	*0.52*	*0.62*	*0.84*	*1.22*	*1.50*	*1.97*	*2.55*	*4.58*		*10.3*	*15.3*		*14.4*
974	03588200	35°14′33″	87°21′25″	CROWSON CREEK NEAR LAWRENCEBURG (1)							18.6	18.5	140	2.400	84	1.53	7	19	03588500
	5.46	7.37	34.8	17.8	5.27	5.74	6.38	7.50	8.49	10.3	12.2	14.8	18.6	23.8		30.7	42.4		69.6
	3.93	5.32	32.0	14.9	4.03	4.36	4.89	5.79	6.77	8.38	10.1	12.4	15.6	20.9		27.8	37.7		62.0
	3.57	4.52	32.2	13.4	3.45	3.65	4.06	4.64	5.40	6.44	7.97	10.1	13.7	19.2		27.0	38.2		63.1
	0.70	*0.71*	*7.95*	*3.32*	*0.81*	*0.68*	*0.72*	*0.75*	*0.89*	*1.14*	*1.35*	*1.81*	*2.79*	*4.54*		*9.72*	*14.8*		*12.2*
975	03588240	35°11′43″	87°29′00″	KNOB CREEK NEAR PEA RIDGE (1)							36.7	36.5	140	2.401	79	2.54	7	13	03588500
	9.17	12.5	68.6	33.6	8.88	9.69	10.8	12.8	14.6	17.8	21.3	26.0	35.0	45.0		59.4	83.7		137
	6.64	9.26	64.8	29.4	6.91	7.54	8.51	10.2	12.1	15.4	18.9	23.5	30.3	40.9		55.3	77.2		128
	8.16	10.5	69.8	30.7	7.90	8.29	9.26	10.9	12.9	15.6	19.3	24.2	32.2	44.8		61.7	84.9		136
	0.47	*0.47*	*9.20*	*2.59*	*0.44*	*0.41*	*0.44*	*0.47*	*0.54*	*0.65*	*0.81*	*1.18*	*2.00*	*3.68*		*10.3*	*17.8*		*15.1*
976	03588260	35°08′22″	87°29′12″	KNOB CREEK NEAR WESTPOINT (1)							53.6	53.4	139	2.402	79	2.60	9	16	03588500
	9.40	12.8	100	41.2	9.01	9.98	11.4	13.8	16.1	20.4	25.1	31.5	42.9	61.8		86.7	122		201
	10.6	14.4	92.5	42.8	10.8	11.7	13.1	15.7	18.5	23.2	28.1	34.4	43.5	57.8		79.3	111		181
	12.1	15.4	103	45.8	11.7	12.2	13.7	16.1	19.3	23.3	28.8	36.2	48.2	66.8		91.7	126		201
	0.48	*0.49*	*5.76*	*2.49*	*0.46*	*0.44*	*0.48*	*0.52*	*0.60*	*0.72*	*0.86*	*1.29*	*1.94*	*2.70*		*6.99*	*13.4*		*12.3*
977	03588300	35°07′14″	87°30′31″	SHOAL CREEK NEAR WEST POINT (1)							176	175	139	2.402	81	2.07	6	13	03588500
	45.0	60.0	329	170	43.4	47.6	53.6	64.1	73.6	91.2	110	136	178	220		285	402		658
	43.6	55.3	305	149	41.5	44.2	49.3	57.3	66.4	81.6	98.1	119	151	198		264	365		591
	39.0	49.4	332	150	37.7	39.7	44.3	51.9	62.0	75.2	93.5	118	157	216		294	400		646
	0.57	*0.62*	*8.72*	*3.79*	*0.65*	*0.69*	*0.75*	*0.83*	*1.02*	*1.42*	*1.85*	*2.78*	*3.83*	*4.96*		*10.1*	*18.0*		*17.6*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
978	03588340	35°11′36″	87°36′13″	FACTORY CREEK NEAR SHAWNETTE (1)							31.5	31.7	140	2.401	87	2.61	6	14	03588500
	10.5	14.8	66.5	29.7	10.0	11.1	12.7	15.5	18.0	22.9	28.3	35.7	31.0	49.5		60.5	71.9		118
	6.26	8.58	56.2	25.8	6.51	7.10	7.99	9.54	11.2	13.9	17.0	21.0	26.8	36.1		48.4	66.3		109
	7.31	9.31	60.9	26.7	7.06	7.38	8.24	9.62	11.4	13.6	16.8	21.1	28.0	39.0		53.6	73.7		118
	0.57	*0.55*	*8.97*	*2.54*	*0.55*	*0.51*	*0.54*	*0.57*	*0.65*	*0.74*	*0.87*	*1.24*	*2.01*	*3.47*		*9.66*	*17.0*		*14.7*
979	03588347	35°11′16″	87°37′05″	SHAWNETTE CREEK NEAR WESTPOINT (1)							18.2	18.1	140	2.401	83	2.71	8	9	03588500
	6.07	8.40	36.4	21.6	5.84	6.43	7.27	8.74	10.1	12.6	15.3	19.0	22.5	26.7		32.7	41.5		68.1
	3.79	5.17	31.4	14.6	3.87	4.19	4.72	5.61	6.57	8.17	9.87	12.1	15.4	20.5		27.3	37.0		60.7
	4.08	5.24	34.7	15.0	3.95	4.13	4.62	5.40	6.42	7.65	9.43	11.9	15.8	22.0		30.5	42.2		67.3
	0.69	*0.69*	*7.92*	*3.34*	*0.80*	*0.68*	*0.71*	*0.74*	*0.89*	*1.14*	*1.34*	*1.81*	*2.79*	*4.54*		*9.62*	*14.3*		*11.9*
980	03588360	35°07′17″	87°32′48″	FACTORY CREEK NEAR WESTPOINT (1)							71.9	71.8	140	2.402	88	2.66	12	18	03588500
	23.6	32.2	134	78.0	22.8	25.0	28.1	33.5	38.4	47.5	57.3	67.7	81.0	97.0		116	164		269
	15.3	20.5	125	59.5	15.5	16.8	18.9	22.4	26.2	32.5	39.7	48.1	60.8	79.7		108	151		245
	17.2	21.8	140	62.8	16.6	17.3	19.3	22.6	27.0	32.3	39.9	50.0	66.3	91.6		125	170		270
	0.46	*0.46*	*8.45*	*2.80*	*0.44*	*0.44*	*0.47*	*0.51*	*0.59*	*0.73*	*0.91*	*1.39*	*2.23*	*3.29*		*8.66*	*19.2*		*17.2*
981	03588380	35°12′08″	87°33′22″	CHISHOLM CREEK NEAR LODI (1)							26.8	26.7	140	2.400	83	2.47	7	12	03588500
	2.13	4.38	50.1	24.8	3.70	4.34	5.32	7.22	9.13	13.2	18.3	20.5	26.3	33.0		43.4	61.2		100
	5.68	7.76	47.6	22.3	5.95	6.46	7.24	8.59	10.0	12.5	15.1	18.5	23.4	31.2		41.4	56.4		93.0
	5.96	7.61	50.7	22.0	5.76	6.03	6.74	7.86	9.34	11.1	13.8	17.3	23.1	32.2		44.4	61.4		98.4
	0.67	*0.64*	*8.96*	*2.79*	*0.80*	*0.70*	*0.74*	*0.75*	*0.83*	*0.91*	*1.03*	*1.38*	*2.25*	*4.11*		*10.6*	*16.5*		*13.7*
982	03588498	35°01′48″	87°34′52″	HOLLY CREEK AT IRON CITY (1)							18.9	19.3	138	2.404	91	2.46	11	13	03588500
	4.22	5.82	35.3	16.4	4.02	4.43	5.01	6.03	6.95	8.69	10.6	13.1	17.1	22.8		30.6	43.1		70.7
	4.20	5.75	33.5	16.3	4.31	4.67	5.25	6.25	7.36	9.20	11.2	13.8	17.2	22.4		29.4	39.5		64.9
	4.25	5.42	36.5	15.5	4.11	4.29	4.79	5.57	6.59	7.79	9.64	12.2	16.3	22.8		31.6	43.9		70.4
	0.68	*0.67*	*9.05*	*3.58*	*0.89*	*0.76*	*0.81*	*0.85*	*1.00*	*1.26*	*1.52*	*2.21*	*3.26*	*5.42*		*12.6*	*17.5*		*14.5*
983	03588515	35°00′29″	87°33′16″	WOLF CREEK NEAR IRON CITY (1)							8.58	7.58	139	2.438	66	2.29	10	12	03588500
	1.23	1.69	16.0	5.90	1.19	1.31	1.49	1.80	2.09	2.62	3.22	4.40	6.30	9.20		13.9	19.6		32.1
	1.21	1.62	13.4	5.63	1.18	1.27	1.44	1.68	1.97	2.46	3.04	3.99	5.62	8.18		11.4	15.7		26.2
	1.41	1.86	14.5	5.60	1.37	1.45	1.63	1.91	2.28	2.78	3.44	4.36	5.92	8.49		12.2	17.4		28.4
	0.40	*0.40*	*7.58*	*2.09*	*0.35*	*0.28*	*0.30*	*0.34*	*0.45*	*0.64*	*0.81*	*1.16*	*1.71*	*3.98*		*9.11*	*12.7*		*10.6*
984	03588585	35°05′52″	87°40′25″	MIDDLE BUTLER CREEK NEAR FAIRVIEW (1)							17.4	17.3	140	2.403	71	2.59	5	6	03588500
	3.40	4.65	32.0	13.7	3.26	3.60	4.08	4.94	5.71	7.17	8.78	10.9	14.3	19.2		26.5	39.7		65.1
	3.10	4.27	30.0	13.2	3.15	3.43	3.86	4.60	5.47	6.95	8.60	10.8	14.0	19.0		25.8	35.6		58.8
	3.66	4.75	32.9	14.1	3.55	3.74	4.19	4.92	5.87	7.14	8.80	11.1	14.8	20.7		28.9	40.1		64.3
	0.54	*0.56*	*8.04*	*3.42*	*0.53*	*0.45*	*0.49*	*0.56*	*0.74*	*1.05*	*1.32*	*1.83*	*2.82*	*4.60*		*9.82*	*14.9*		*12.4*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
985	03588600	35°01′48″	87°37′52″	BUTLER CREEK NEAR IRON CITY (1)	46.6	45.9	140	2.404	77	2.53	7	15	03588500
	12.8	17.7	91.0	48.0 12.3 13.6 15.4 18.8 21.8 27.6	33.9	42.6	50.0	64.0		80.0	106		174
	9.17	12.5	80.0	36.8 9.40 10.2 11.4 13.6 16.1 20.1	24.5	30.0	37.8	50.1		68.3	95.4		157
	10.2	13.1	88.3	38.8 9.91 10.4 11.6 13.7 16.3 19.8	24.5	30.7	40.9	56.7		78.2	107		172
	0.48	*0.48*	*6.19*	*2.40 0.47 0.44 0.47 0.51 0.59 0.71*	*0.85*	*1.26*	*1.88*	*2.67*		*7.30*	*13.0*		*12.0*
986	03589600	35°02′55″	87°48′55″	CYPRESS CREEK NEAR CYPRESS INN (1)	11.8	11.6	140	2.406	55	2.67	5	5	03588500
	1.33	1.80	22.0	7.90 1.28 1.41 1.60 1.94 2.24 2.82	3.45	5.20	8.70	14.2		19.1	26.9		44.2
	1.74	2.37	20.6	8.01 1.68 1.83 2.07 2.45 2.93 3.78	4.78	6.29	8.66	12.5		17.6	24.7		41.2
	2.28	3.03	22.2	9.37 2.22 2.36 2.65 3.15 3.79 4.75	5.86	7.37	9.85	13.8		19.6	27.5		44.1
	0.45	*0.47*	*8.33*	*3.15 0.44 0.36 0.39 0.47 0.66 1.03*	*1.36*	*1.90*	*2.51*	*4.72*		*9.61*	*14.4*		*13.3*
987	03589775	35°04′09″	87°43′02″	LITTLE CYPRESS CREEK NEAR CROSSROADS (0)	4.20	4.46	140	2.404	49	2.87	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	0.48	0.69	7.64	2.72 0.48 0.53 0.62 0.73 0.86 1.07	1.35	1.83	2.74	4.22		6.38	9.08		15.3
	0.84	1.13	8.48	3.50 0.81 0.87 0.98 1.17 1.41 1.78	2.19	2.76	3.68	5.21		7.48	10.6		17.0
	0.53	*0.53*	*8.66*	*2.59 0.46 0.35 0.38 0.44 0.60 0.86*	*1.06*	*1.39*	*1.93*	*4.44*		*10.2*	*14.1*		*12.5*
988	03590890	35°02′05″	87°58′03″	SECOND CREEK AT RANSOM STAND (1)	25.2	24.7	104	2.439	55	2.39	4	4	03593800
	1.64	2.09	28.6	5.20 1.51 1.63 1.78 2.14 2.61 3.25	3.78	4.42	6.70	11.2		21.8	44.6		69.1
	2.47	3.58	36.8	12.9 2.33 2.57 2.95 3.73 4.74 6.40	8.15	10.6	14.7	21.2		30.4	46.1		74.0
	3.04	4.36	48.4	17.9 2.99 3.27 3.76 4.64 5.83 7.78	10.2	13.5	19.0	27.9		40.7	58.5		96.8
	0.61	*0.64*	*7.70*	*2.89 0.46 0.43 0.48 0.60 0.84 1.22*	*1.47*	*1.87*	*2.68*	*4.07*		*10.8*	*20.1*		*15.2*
989	03590895	35°02′19″	87°58′10″	GRASSY CREEK NEAR RANSOM STAND (1)	11.9	12.0	90	2.439	74	2.73	9	10	03593800
	0.70	1.06	17.2	4.35 0.61 0.70 0.81 1.10 1.53 2.21	2.84	3.70	6.10	11.3		15.1	21.0		32.6
	0.88	1.34	19.7	6.55 0.87 0.97 1.13 1.44 1.86 2.60	3.40	4.92	7.13	11.1		16.5	23.9		39.5
	1.29	1.90	23.7	8.28 1.27 1.39 1.62 2.01 2.56 3.37	4.52	6.15	8.85	13.3		19.5	28.5		46.9
	0.47	*0.47*	*5.99*	*2.40 0.48 0.41 0.45 0.55 0.75 1.09*	*1.37*	*1.67*	*2.11*	*3.53*		*7.61*	*13.4*		*9.07*
990	03590900	35°00′56″	87°59′05″	SECOND CREEK NEAR RANSOM STAND (1)	42.5	42.6	101	2.439	65	2.50	6	12	03604000
	2.69	4.74	73.1	36.0 2.75 3.07 3.84 5.42 7.56 11.8	17.2	25.5	37.8	48.2		62.9	86.4		140
	4.02	6.10	67.6	25.0 3.81 4.27 4.98 6.39 8.25 11.4	14.9	19.6	27.4	39.0		56.2	83.6		137
	5.43	7.74	84.8	31.6 5.34 5.81 6.69 8.25 10.4 13.7	18.0	24.0	33.8	49.6		71.4	102		168
	0.50	*0.52*	*6.22*	*3.12 0.48 0.45 0.49 0.56 0.70 0.97*	*1.24*	*1.81*	*2.77*	*3.83*		*9.03*	*19.1*		*12.4*
994	03593580	35°06′28″	88°04′17″	HORSE CREEK EAST OF LOWRYVILLE (1)	26.9	27.0	124	2.413	71	2.63	4	4	03593800
	7.85	9.50	38.8	18.5 7.35 7.81 8.40 9.73 11.4 13.6	15.4	17.5	20.6	25.2		34.1	47.6		73.7
	4.19	5.78	43.6	17.7 4.22 4.61 5.19 6.25 7.50 9.55	11.8	14.7	19.3	26.7		37.0	53.7		87.9
	4.89	6.54	52.5	21.6 4.76 5.06 5.72 6.84 8.33 10.4	13.1	16.8	22.8	32.4		45.6	63.8		103
	0.57	*0.56*	*7.21*	*2.81 0.63 0.57 0.61 0.66 0.79 1.01*	*1.18*	*1.65*	*2.49*	*3.74*		*9.50*	*17.5*		*14.1*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80% 70% 60% 50% 40% 30% 20% 10%									
				Central and East Tennessee region--continued									
995	03593585	35°06′18″	88°04′33″	WHITES CREEK NEAR LOWRYVILLE (1)	21.7	21.5	140	2.414	88	2.35	9	23	03593800
	7.60	9.60	34.5	19.9 7.07 7.56 8.21 9.68 11.6 14.1 16.2 18.6 22.4 26.5 31.0 38.4 59.5									
	4.70	6.50	38.5	18.8 4.94 5.35 6.02 7.16 8.38 10.5 12.8 15.7 19.6 25.5 33.5 45.1 74.5									
	4.70	5.98	40.9	17.2 4.55 4.75 5.31 6.16 7.29 8.63 10.7 13.4 18.0 25.3 35.2 49.0 79.0									
	0.66	*0.64*	*9.07*	*3.84 0.81 0.71 0.75 0.79 0.92 1.16 1.38 2.03 3.40 5.64 12.4 18.1 14.9*									
996	03593587	35°06′37″	88°06′24″	ROGERS CREEK AT LOWRYVILLE (1)	11.9	11.8	126	2.415	35	1.49	4	4	03593800
	2.06	2.61	16.8	5.92 1.90 2.04 2.23 2.68 3.27 4.07 4.72 5.51 6.76 9.30 13.5 21.0 32.6									
	1.21	1.73	20.1	7.46 1.16 1.28 1.43 1.78 2.31 3.29 4.48 6.30 8.83 12.4 17.4 25.0 40.8									
	1.49	2.08	20.6	7.98 1.45 1.61 1.83 2.20 2.67 3.63 4.57 5.91 8.19 11.8 17.4 25.3 42.8									
	0.42	*0.43*	*6.94*	*3.19 0.39 0.33 0.36 0.44 0.62 0.99 1.41 1.97 2.68 4.58 8.93 12.5 10.5*									
997	03593600	35°06′34″	88°07′17″	HORSE CREEK NEAR LOWRYVILLE (1)	66.7	66.7	125	2.416	67	2.23	8	13	03593800
	15.9	20.2	96.2	43.7 14.6 15.6 17.1 20.3 24.6 30.4 35.1 40.8 49.6 63.1 84.7 118 183									
	9.64	13.4	109	47.5 9.11 10.0 11.4 13.9 17.1 22.6 28.6 36.6 49.0 66.8 91.9 134 226									
	11.8	15.7	128	53.4 11.5 12.3 13.9 16.6 20.2 25.5 32.2 41.3 56.2 79.3 111 155 252									
	0.54	*0.57*	*7.18*	*2.91 0.45 0.44 0.49 0.55 0.66 0.83 1.03 1.54 2.34 3.31 8.68 15.4 12.3*									
998	03593700	35°06′06″	88°07′45″	HOLLAND CREEK NEAR LOWRYVILLE (1)	14.9	15.3	140	2.417	78	2.21	10	22	03593800
	4.12	5.30	22.4	11.7 3.81 4.10 4.47 5.35 6.50 8.06 9.33 10.9 13.3 15.8 19.9 26.4 40.8									
	2.76	3.85	26.7	11.9 2.78 3.03 3.43 4.14 4.94 6.31 7.79 9.83 12.6 16.9 23.0 31.6 52.0									
	3.12	4.02	28.7	11.8 3.03 3.19 3.56 4.14 4.90 5.88 7.27 9.18 12.4 17.5 24.6 34.5 55.9									
	0.47	*0.47*	*7.75*	*3.10 0.43 0.36 0.39 0.45 0.62 0.91 1.21 1.84 2.70 4.59 9.82 14.3 12.9*									
999	03594020	35°11′18″	88°07′51″	TURKEY CREEK ABOVE SAVANNAH (1)	16.6	16.6	104	2.413	32	1.36	11	12	03593800
	5.53	6.78	25.0	13.0 5.19 5.51 5.92 6.85 8.04 9.58 10.8 12.2 14.4 17.6 22.5 29.6 45.5									
	1.79	2.31	24.1	6.97 1.66 1.83 2.00 2.39 2.98 3.90 4.83 6.15 8.60 13.4 20.1 31.4 50.3									
	1.54	2.27	28.8	10.6 1.51 1.71 1.97 2.44 3.05 4.36 5.70 7.62 10.9 15.9 24.0 35.4 60.8									
	0.44	*0.42*	*4.20*	*1.72 0.41 0.36 0.39 0.46 0.60 0.81 0.93 1.12 1.39 2.25 5.43 9.23 6.68*									
1000	03594035	35°12′05″	88°10′21″	ENGLISH CREEK NEAR SAVANNAH (1)	8.41	8.60	79	2.413	29	1.24	8	12	03593800
	0.24	0.40	11.4	2.11 0.20 0.24 0.29 0.42 0.62 0.98 1.33 1.83 2.78 4.63 8.65 14.9 23.0									
	0.72	1.06	13.5	4.72 0.65 0.74 0.87 1.14 1.49 2.04 2.67 3.62 5.08 7.55 11.3 16.8 28.0									
	0.47	0.77	14.5	4.78 0.47 0.55 0.65 0.83 1.08 1.66 2.30 3.24 4.86 7.42 11.6 17.9 31.4									
	0.46	*0.46*	*4.85*	*1.95 0.42 0.36 0.38 0.45 0.57 0.76 0.99 1.26 1.49 2.36 5.36 12.4 9.46*									
1001	03594036	35°13′05″	88°08′42″	BOON CREEK NEAR OLD TOWN (1)	12.6	12.8	53	2.411	31	1.31	10	12	03593800
	1.42	1.92	15.0	5.36 1.28 1.41 1.57 1.98 2.54 3.34 4.03 4.90 6.33 8.66 12.7 19.6 34.6									
	0.52	0.93	21.9	6.88 0.49 0.59 0.73 0.99 1.36 2.16 3.26 4.89 7.51 11.5 17.5 26.2 46.2									
	0.33	0.61	21.8	6.23 0.33 0.41 0.50 0.69 0.97 1.65 2.54 3.92 6.35 10.3 16.7 26.8 48.2									
	0.77	*0.83*	*5.11*	*2.80 0.53 0.49 0.54 0.61 0.91 1.52 1.87 2.13 2.36 3.14 5.54 8.74 6.82*									

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
1002	03594042	35°14′12″	88°10′57″	STEELE CREEK NEAR SAVANNAH (1)							6.11	6.17	50	2.411	35	1.38	10	12	03593800
	0.17	0.32	8.20	2.49	0.14	0.17	0.21	0.34	0.56	0.97	1.41	2.08	3.48	4.60		6.90	10.8		16.7
	0.31	0.54	10.2	3.45	0.29	0.34	0.42	0.56	0.74	1.16	1.67	2.44	3.62	5.42		8.44	12.8		21.8
	0.14	0.27	10.5	2.87	0.14	0.17	0.22	0.30	0.42	0.72	1.13	1.78	2.93	4.84		7.91	12.9		23.2
	0.65	*0.77*	*5.62*	*2.80*	*0.64*	*0.57*	*0.60*	*0.69*	*0.85*	*1.27*	*1.64*	*2.00*	*2.21*	*3.23*		*5.61*	*8.14*		*7.36*
1006	03594136	35°12′28″	87°49′35″	INDIAN CREEK AT THREE CHURCHES (1)							24.1	24.4	135	2.403	79	2.74	7	9	03593800
	2.98	4.04	29.8	10.9	2.70	2.95	3.30	4.12	5.26	6.88	8.25	10.0	12.8	17.4		25.3	38.6		66.0
	4.52	6.22	41.8	18.5	4.66	5.06	5.69	6.78	8.01	10.0	12.3	15.2	19.5	26.3		35.8	50.0		82.3
	5.23	6.79	47.2	20.3	5.06	5.32	5.97	7.04	8.44	10.2	12.7	16.0	21.4	30.0		41.5	57.5		91.7
	0.65	*0.63*	*8.96*	*3.65*	*0.82*	*0.72*	*0.76*	*0.79*	*0.91*	*1.13*	*1.31*	*1.79*	*3.06*	*5.71*		*12.8*	*18.6*		*15.3*
1007	03594140	35°13′26″	87°57′00″	INDIAN CREEK NEAR MARTIN MILLS (1)							84.4	84.3	118	2.405	87	2.70	7	9	03593800
	8.71	11.4	98.0	27.8	7.97	8.65	9.54	11.6	14.5	18.4	21.7	25.7	32.1	42.2		75.0	149		231
	13.4	18.9	141	62.4	12.7	14.0	16.2	19.9	24.0	31.1	39.5	50.0	66.6	89.7		121	173		281
	15.9	21.1	166	70.9	15.5	16.4	18.6	22.2	27.2	33.6	42.9	55.3	75.1	106		146	201		322
	0.49	*0.52*	*9.19*	*3.29*	*0.43*	*0.43*	*0.49*	*0.56*	*0.70*	*0.92*	*1.20*	*1.79*	*2.68*	*3.99*		*9.95*	*18.4*		*15.9*
1008	03594150	35°09′11″	87°56′02″	WEATHERFORD CREEK AT LUTTS (1)							25.8	26.3	116	2.407	71	2.77	8	16	03593800
	2.32	3.42	37.2	12.1	2.05	2.30	2.64	3.51	4.79	6.73	8.48	10.8	14.9	21.9		32.8	45.7		70.7
	3.69	5.09	41.5	15.9	3.72	4.04	4.54	5.48	6.62	8.47	10.5	13.1	17.6	24.8		35.0	51.7		84.5
	4.42	6.02	51.1	21.0	4.30	4.60	5.23	6.32	7.77	9.81	12.5	16.2	22.2	31.6		44.5	62.5		101
	0.58	*0.56*	*7.57*	*2.89*	*0.77*	*0.68*	*0.72*	*0.77*	*0.92*	*1.15*	*1.33*	*1.77*	*2.59*	*3.84*		*9.82*	*18.5*		*14.7*
1009	03594151	35°09′13″	87°55′47″	BEAR CREEK NEAR LUTTS (1)							10.6	10.1	119	2.407	79	2.72	8	9	03593800
	0.17	0.37	15.3	6.87	0.13	0.17	0.23	0.44	0.87	1.86	3.12	5.37	7.89	10.0		13.4	18.8		29.0
	1.35	1.93	16.8	6.85	1.32	1.45	1.66	2.04	2.49	3.24	4.08	5.28	7.03	10.1		14.4	19.9		32.8
	1.74	2.34	19.3	7.73	1.69	1.80	2.04	2.43	2.95	3.63	4.61	5.95	8.14	11.7		16.5	23.4		37.7
	0.44	*0.45*	*10.4*	*3.27*	*0.46*	*0.38*	*0.42*	*0.50*	*0.68*	*1.02*	*1.38*	*1.86*	*2.59*	*5.96*		*12.5*	*15.7*		*12.2*
1011	03594168	35°17′29″	87°51′12″	SHAKERAG BRANCH NEAR WAYNESBORO (1)							11.5	11.4	98	2.401	93	2.66	8	8	03604000
	0.46	0.99	19.8	9.62	0.49	0.57	0.76	1.19	1.84	3.30	5.39	9.01	10.2	13.0		17.0	23.4		37.8
	0.97	1.48	19.1	6.84	0.98	1.08	1.25	1.58	2.02	2.78	3.58	5.19	7.31	11.1		16.2	23.0		37.7
	1.56	2.18	21.7	8.32	1.51	1.63	1.88	2.27	2.81	3.54	4.66	6.22	8.74	12.8		18.2	26.2		42.5
	0.55	*0.56*	*6.67*	*2.44*	*0.56*	*0.49*	*0.54*	*0.67*	*0.93*	*1.31*	*1.53*	*1.69*	*2.06*	*3.52*		*7.93*	*15.6*		*11.3*
1012	03594180	35°18′26″	87°57′14″	HARDIN CREEK AT CLIFTON JUNCTION (1)							50.7	50.4	93	2.402	93	2.66	10	11	03604000
	1.13	2.90	87.2	42.4	0.81	0.97	1.38	2.40	4.08	8.31	15.1	28.4	45.0	57.5		75.1	103		167
	4.91	7.63	83.8	33.6	4.83	5.39	6.32	8.06	10.3	14.4	19.4	25.7	35.8	49.9		69.8	100		168
	6.66	9.39	97.7	38.5	6.50	7.03	8.12	9.96	12.5	16.1	21.5	28.8	40.7	59.2		83.2	118		192
	0.75	*0.78*	*7.06*	*3.12*	*0.73*	*0.69*	*0.77*	*0.92*	*1.14*	*1.61*	*1.88*	*2.40*	*2.73*	*3.01*		*7.42*	*23.5*		*14.8*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
1013	03594260	35°24′36″	87°53′51″	BEECH CREEK NEAR CLIFTON (1)	24.7	24.7	105	2.397	93	2.64	7	12	03604000
	1.07	1.79	41.1	10.6 1.09 1.20 1.46 1.98 2.66 3.96	5.52	7.83	11.9	18.8		31.0	50.2		81.2
	2.20	3.47	41.7	15.9 2.17 2.40 2.83 3.67 4.78 6.82	9.25	12.6	17.8	25.1		35.1	51.0		83.6
	3.84	5.25	47.1	19.0 3.73 3.99 4.56 5.49 6.76 8.42	10.9	14.4	20.0	28.7		40.3	57.0		92.0
	0.57	*0.63*	*5.88*	*2.67 0.60 0.54 0.62 0.72 0.92 1.23*	*1.42*	*1.69*	*2.24*	*3.21*		*7.39*	*14.6*		*11.0*
1014	03594264	35°25′54″	87°57′31″	BEECH CR AB MORRISON CR NR CLIFTON (1)	44.1	43.8	81	2.397	93	2.65	6	7	03604000
	1.87	3.21	83.3	20.4 1.91 2.12 2.60 3.57 4.85 7.32	10.4	14.9	22.9	37.0		62.2	89.7		145
	3.40	5.21	73.1	25.4 3.31 3.72 4.33 5.59 7.12 9.92	13.5	18.9	28.0	41.5		60.1	87.9		149
	4.62	6.80	84.4	32.0 4.52 4.97 5.81 7.26 9.33 12.3	16.9	23.3	33.7	49.8		70.9	102		167
	0.76	*0.81*	*6.47*	*2.33 0.68 0.62 0.69 0.85 1.11 1.58*	*1.70*	*1.80*	*2.03*	*2.44*		*5.66*	*14.7*		*10.9*
1015	03594283	35°31′24″	87°55′31″	CEDAR CREEK NEAR HORNER (1)	20.2	20.2	50	2.393	71	2.05	9	11	03604000
	0.73	1.46	34.8	16.9 0.74 0.85 1.13 1.74 2.64 4.61	7.40	12.1	17.9	22.9		29.9	41.1		66.4
	0.89	1.44	34.4	9.50 0.84 0.97 1.16 1.53 2.12 3.21	4.54	6.97	11.0	18.1		27.8	42.0		71.9
	0.66	1.19	36.7	11.0 0.66 0.79 0.98 1.33 1.87 2.92	4.57	7.10	11.4	18.5		28.5	44.6		77.0
	0.91	*1.11*	*5.25*	*2.69 0.60 0.60 0.67 0.73 1.08 1.97*	*2.36*	*2.40*	*2.29*	*2.92*		*5.09*	*7.61*		*7.23*
1016	03594400	35°36′55″	87°59′23″	CYPRESS CREEK AT POPE (1)	16.8	16.5	85	2.390	94	2.60	8	11	03604000
	0.58	0.98	26.1	6.37 0.59 0.66 0.81 1.11 1.51 2.28	3.22	4.64	7.16	11.6		19.5	34.2		55.3
	1.11	1.69	27.0	9.18 1.09 1.22 1.43 1.84 2.36 3.28	4.49	6.61	9.69	14.7		22.2	33.1		55.4
	1.83	2.66	31.0	11.8 1.79 1.96 2.28 2.81 3.56 4.62	6.27	8.57	12.3	18.2		26.0	37.7		61.4
	0.58	*0.60*	*6.31*	*2.04 0.51 0.46 0.49 0.59 0.77 1.06*	*1.39*	*1.50*	*1.65*	*2.36*		*7.42*	*18.1*		*12.1*
1019.	03594860	35°35′00″	86°04′55″	DUCK RIVER AB SHAY LAKE NR MANCHESTER (0)	19.8	20.0	135	2.356	23	0.90	1	--	--
	--	--	--	-- -- -- -- -- -- --	--	--	--	--		--	--		--
	1.90	2.71	34.7	11.2 2.00 2.21 2.51 2.93 3.50 4.54	5.89	8.22	12.0	18.6		27.4	41.2		72.2
	2.35	3.26	30.5	13.3 2.27 2.59 2.91 3.47 4.16 5.93	7.39	9.46	13.0	18.0		26.6	38.6		66.4
	0.46	*0.43*	*17.4*	*1.88 0.55 0.45 0.47 0.48 0.56 0.68*	*0.77*	*0.92*	*1.44*	*3.21*		*10.94*	*33.9*		*37.3*
1020	03594900	35°33′54″	86°05′24″	BOILING SPRINGS BRANCH NEAR FREDONIA (1)	3.29	2.82	140	2.357	22	0.87	4	4	03596000
	0.26	0.53	5.57	1.90 0.29 0.36 0.48 0.63 0.70 0.86	1.05	1.37	1.92	2.88		4.34	6.52		11.4
	0.23	0.34	4.84	1.65 0.23 0.27 0.31 0.38 0.45 0.59	0.77	1.11	1.76	2.78		4.19	6.40		10.7
	0.32	0.44	4.16	1.72 0.31 0.35 0.39 0.46 0.55 0.77	0.95	1.21	1.66	2.34		3.55	5.27		9.10
	0.30	*0.31*	*3.22*	*1.43 0.27 0.19 0.21 0.24 0.30 0.41*	*0.50*	*0.72*	*1.09*	*2.45*		*6.49*	*5.87*		*6.97*
1021	03594920	35°33′02″	86°04′57″	PARKS CREEK NEAR FREDONIA (1)	7.12	7.78	140	2.358	22	0.87	5	5	03596000
	0.22	0.32	12.0	2.50 0.24 0.27 0.31 0.36 0.42 0.53	0.67	1.20	2.60	6.23		9.38	14.1		24.5
	0.44	0.70	14.1	3.97 0.47 0.54 0.65 0.78 0.94 1.27	1.70	2.63	4.26	7.34		11.2	16.7		29.2
	0.91	1.25	11.7	4.95 0.88 1.00 1.12 1.32 1.57 2.23	2.76	3.52	4.81	6.71		10.1	14.8		25.5
	0.48	*0.47*	*9.96*	*1.91 0.39 0.31 0.34 0.38 0.50 0.64*	*0.72*	*0.89*	*1.37*	*2.81*		*7.54*	*18.3*		*20.8*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1022	03595000	35°29′43″	86°06′13″	DUCK RIVER NEAR MANCHESTER (1)							55.2	56.1	138	2.362	23	0.91	2	15	03420500
	5.77	7.15	70.4	25.0	4.68	5.56	6.16	7.05	8.63	10.7	12.9	16.9	22.8	33.8		53.3	86.0		180
	6.15	8.57	92.6	32.8	6.11	6.81	7.77	9.11	11.0	14.4	17.6	23.2	32.9	48.3		71.3	110		200
	7.01	9.64	87.4	39.1	6.80	7.71	8.65	10.4	12.5	17.8	22.1	28.2	38.4	52.8		77.3	110		190
	0.85	*0.67*	*11.2*	*2.65*	*0.91*	*0.83*	*0.86*	*0.82*	*0.85*	*0.89*	*0.97*	*1.23*	*1.87*	*3.52*		*11.9*	*19.3*		*23.8*
1023	03595100	35°27′44″	86°03′53″	LITTLE DUCK RIVER SE OF MANCHESTER (1)							13.0	13.2	140	2.363	22	0.87	10	10	03596000
	0.96	1.28	22.0	4.90	1.01	1.09	1.23	1.38	1.57	1.88	2.26	3.20	5.10	11.4		17.1	25.8		44.8
	0.83	1.21	22.8	6.10	0.88	0.98	1.12	1.31	1.58	2.09	2.76	4.20	6.69	11.6		18.0	27.0		47.4
	1.55	2.15	20.0	8.53	1.50	1.71	1.92	2.28	2.71	3.85	4.77	6.09	8.32	11.6		17.3	25.2		43.5
	0.60	*0.54*	*10.0*	*1.95*	*0.62*	*0.50*	*0.52*	*0.52*	*0.61*	*0.72*	*0.77*	*0.90*	*1.40*	*2.93*		*8.04*	*21.3*		*23.8*
1024	03595200	35°28′51″	86°03′51″	WOLF CREEK NEAR MANCHESTER (1)							19.2	19.5	129	2.362	28	0.86	5	5	03596000
	0.68	1.32	32.5	11.1	0.77	0.92	1.21	1.58	2.09	3.17	4.80	8.06	11.2	16.8		25.3	38.0		66.2
	1.53	2.18	32.7	9.69	1.56	1.73	1.98	2.33	2.80	3.66	4.78	6.71	9.98	16.1		25.9	39.3		68.6
	2.23	3.08	29.7	12.6	2.16	2.44	2.75	3.27	3.91	5.47	6.88	8.89	12.3	17.2		25.4	37.1		64.1
	0.60	*0.55*	*18.1*	*2.27*	*0.71*	*0.60*	*0.62*	*0.63*	*0.74*	*0.88*	*0.95*	*1.11*	*1.70*	*3.75*		*11.5*	*35.4*		*39.4*
1025	03595300	35°28′49″	86°04′46″	L DUCK R AT STATE HWY 55, MANCHESTER (1)							35.3	35.8	130	2.362	25	0.87	3	7	03596000
	3.13	4.35	59.7	16.4	3.33	3.65	4.18	4.76	5.49	6.76	8.32	10.8	16.9	27.5		46.5	69.9		122
	3.89	5.33	58.6	20.6	3.86	4.29	4.87	5.66	6.77	8.88	11.0	14.6	20.5	30.4		45.4	70.3		126
	4.09	5.68	55.0	23.8	3.97	4.51	5.08	6.08	7.32	10.4	13.1	16.9	23.3	32.4		47.7	69.0		119
	0.44	*0.39*	*10.5*	*1.76*	*0.57*	*0.50*	*0.52*	*0.53*	*0.57*	*0.63*	*0.69*	*0.85*	*1.27*	*2.27*		*7.73*	*22.6*		*27.2*
1026	03595500	35°29′10″	86°05′27″	LITTLE DUCK RIVER AT MANCHESTER (1)							40.4	40.7	128	2.362	25	0.87	9	19	03596000
	4.96	6.20	68.3	20.4	5.16	5.47	5.98	6.50	7.13	8.15	9.32	13.0	21.2	35.3		53.2	80.0		139
	4.57	6.08	66.2	23.1	4.52	5.01	5.62	6.43	7.62	9.92	12.1	16.1	22.9	34.0		51.2	80.0		143
	4.58	6.38	62.7	27.1	4.44	5.06	5.70	6.85	8.26	11.8	14.9	19.2	26.5	36.9		54.4	78.7		136
	0.59	*0.50*	*13.0*	*2.71*	*0.76*	*0.68*	*0.71*	*0.71*	*0.76*	*0.83*	*0.93*	*1.20*	*1.86*	*3.43*		*12.5*	*20.9*		*24.5*
1027	03595900	35°29′35″	86°07′59″	BASHAW CREEK AT BLANTON CHAPEL (1)							8.64	8.33	137	2.363	35	1.34	5	5	03596000
	1.10	1.44	14.6	4.99	1.11	1.22	1.40	1.59	1.83	2.25	2.77	3.59	5.05	7.56		11.4	17.1		29.8
	0.66	0.97	14.4	4.68	0.68	0.76	0.87	1.04	1.27	1.68	2.20	3.22	5.00	8.06		11.9	17.1		29.2
	1.20	1.63	13.5	5.81	1.16	1.28	1.44	1.70	2.03	2.71	3.36	4.27	5.79	8.07		11.8	16.9		28.3
	0.49	*0.48*	*9.61*	*2.18*	*0.42*	*0.34*	*0.37*	*0.43*	*0.56*	*0.73*	*0.81*	*1.00*	*1.52*	*3.05*		*8.06*	*19.5*		*19.7*
1028	03596090	35°25′18″	86°08′09″	CRUMPTON CREEK ABOVE RUTLEDGE FALLS (1)							22.8	23.0	140	2.366	24	0.93	3	5	03596000
	2.00	2.78	36.5	9.33	2.12	2.32	2.65	3.02	3.47	4.25	5.22	6.73	9.45	14.1		25.5	45.2		78.6
	2.66	3.78	40.2	13.4	2.86	3.12	3.54	4.08	4.80	6.14	7.42	9.98	14.1	21.9		31.6	47.8		83.3
	2.88	3.95	35.7	15.5	2.79	3.15	3.53	4.21	5.02	7.07	8.77	11.2	15.2	21.1		31.2	45.0		77.2
	0.54	*0.51*	*10.1*	*1.61*	*0.72*	*0.61*	*0.65*	*0.64*	*0.69*	*0.70*	*0.71*	*0.84*	*1.29*	*2.66*		*8.99*	*21.6*		*23.5*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
1029	03596100	35°25′19″	86°08′10″	CRUMPTON CREEK AT RUTLEDGE FALLS (1)	28.1	27.7	138	2.366	26	1.02	7	12	03596000
	3.37	4.78	47.5	16.2 3.62 3.97 4.54 5.17 5.96 7.33	9.01	11.7	16.4	24.6		37.0	55.7		96.9
	3.77	5.41	48.1	18.8 4.00 4.38 5.01 5.84 6.96 8.96	11.0	14.3	19.5	27.5		38.1	56.9		98.8
	3.58	4.91	43.8	19.1 3.47 3.91 4.39 5.23 6.27 8.77	10.9	13.9	18.9	26.2		38.4	55.1		94.0
	0.47	*0.44*	*10.6*	*1.82 0.64 0.56 0.58 0.58 0.63 0.68*	*0.72*	*0.87*	*1.39*	*2.77*		*9.75*	*23.1*		*22.2*
1030	03596200	35°24′23″	86°12′14″	CARROLL CR AB OVACA LAKE NR TULLAHOMA (1)	3.32	3.06	140	2.368	34	1.30	3	7	03596000
	0.10	0.20	5.62	1.92 0.11 0.14 0.18 0.23 0.30 0.44	0.66	1.08	1.94	2.90		4.37	6.58		11.4
	0.34	0.48	5.02	1.95 0.33 0.37 0.43 0.51 0.61 0.78	0.98	1.33	2.03	3.01		4.48	6.67		10.8
	0.43	0.58	4.88	2.03 0.41 0.46 0.51 0.60 0.71 0.95	1.17	1.48	2.02	2.83		4.19	6.12		10.3
	0.31	*0.32*	*3.16*	*1.51 0.28 0.20 0.22 0.25 0.31 0.43*	*0.53*	*0.77*	*1.17*	*2.61*		*6.49*	*5.92*		*6.53*
1031	03596550	35°27′32″	86°18′04″	SHIPMAN CREEK AT ROSEVILLE (1)	5.92	5.46	69	2.367	60	2.22	6	6	03596000
	2.86	4.05	11.5	7.80 3.04 3.33 3.83 4.37 5.04 6.22	6.40	7.00	7.85	9.00		10.8	11.7		20.4
	0.46	0.66	8.24	3.08 0.44 0.49 0.56 0.70 0.88 1.20	1.57	2.22	3.14	4.47		7.12	11.4		18.9
	0.35	0.56	9.60	3.38 0.34 0.39 0.47 0.60 0.79 1.14	1.62	2.32	3.46	5.27		7.90	12.0		20.0
	0.60	*0.61*	*2.48*	*1.82 0.65 0.53 0.56 0.63 0.74 0.89*	*1.04*	*1.18*	*1.24*	*1.36*		*2.89*	*6.34*		*7.20*
1032	03596700	35°37′36″	86°14′22″	GARRISON FORK AT BEECH GROVE (1)	16.8	16.7	50	2.359	73	2.28	11	16	03596000
	0.62	0.95	25.9	3.87 0.82 0.90 1.04 1.19 1.37 1.70	2.11	2.75	3.92	9.20		17.3	33.3		57.9
	0.59	0.99	27.2	8.32 0.55 0.65 0.80 1.11 1.54 2.45	3.66	5.71	8.90	14.2		22.0	33.8		57.9
	0.59	1.05	29.7	9.56 0.58 0.69 0.86 1.16 1.64 2.55	3.98	6.16	9.80	15.6		23.7	36.9		62.5
	0.71	*0.89*	*4.65*	*3.08 0.47 0.45 0.53 0.66 0.95 1.68*	*2.08*	*2.26*	*2.25*	*3.03*		*4.94*	*6.94*		*6.40*
1033	03597200	35°31′14″	86°19′07″	GARRISON FORK CR SE OF WARTRACE (1)	80.1	79.2	55	2.365	62	1.89	3	7	03596000
	2.64	4.45	136	31.0 2.91 3.35 4.16 5.10 6.38 8.83	12.2	18.4	31.6	59.6		106	159		276
	2.97	4.80	133	37.2 2.96 3.45 4.16 5.48 7.22 11.0	16.0	23.8	38.0	64.8		108	163		287
	3.37	5.80	141	48.6 3.33 3.94 4.82 6.47 8.97 13.9	21.2	31.9	49.7	77.1		115	174		297
	0.96	*1.07*	*7.98*	*3.39 0.63 0.68 0.77 0.90 1.67 2.71*	*2.76*	*2.64*	*2.38*	*2.84*		*5.89*	*10.4*		*11.6*
1034	03597220	35°30′38″	86°19′20″	GARRISON FORK AT CSX RR AT WARTRACE (1)	85.5	84.8	54	2.366	61	1.87	4	4	03596000
	2.60	4.05	145	24.0 2.82 3.19 3.84 4.58 5.55 7.34	9.71	13.8	24.8	51.2		113	169		295
	2.97	4.91	141	39.7 2.96 3.47 4.23 5.63 7.47 11.5	16.9	25.2	40.6	69.1		114	175		308
	3.43	5.96	150	51.5 3.39 4.04 4.95 6.66 9.28 14.5	22.2	33.7	52.7	82.0		123	186		319
	0.96	*1.09*	*8.50*	*3.46 0.63 0.69 0.78 0.91 1.69 2.74*	*2.83*	*2.82*	*2.61*	*3.12*		*6.42*	*12.4*		*13.9*
1035	03597700	35°29′10″	86°20′09″	GARRISON FORK NEAR BUGSCUFFLE (1)	130	129	47	2.367	46	1.42	5	10	03596000
	3.03	5.50	220	49.3 3.39 3.98 5.07 6.40 8.24 11.9	17.2	27.3	50.5	104		171	258		448
	3.82	6.27	219	54.5 3.84 4.46 5.36 7.15 9.43 14.7	22.4	34.4	57.8	106		174	267		474
	3.15	5.93	220	69.7 3.14 3.89 4.87 6.80 9.83 16.9	27.1	43.0	70.4	113		175	273		484
	0.79	*1.03*	*12.6*	*4.16 0.58 0.66 0.77 1.05 1.82 2.84*	*3.16*	*3.07*	*3.33*	*4.54*		*8.84*	*10.7*		*15.2*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
1036	03597787	35°26′51″	86°19′44″	THOMPSON CREEK NEAR NORMANDY (1)							17.2	17.1	50	2.368	40	1.52	11	12	03596000
	1.08	1.76	29.1	9.93	1.19	1.35	1.65	1.99	2.44	3.29	4.45	6.47	10.1	15.1		22.7	34.1		59.3
	0.57	1.05	30.0	9.29	0.56	0.67	0.83	1.14	1.58	2.63	4.12	6.39	9.89	15.6		23.9	36.3		64.7
	0.45	0.84	28.7	8.85	0.45	0.55	0.69	0.95	1.34	2.26	3.54	5.52	8.92	14.4		22.6	35.9		63.3
	0.77	*1.07*	*5.22*	*3.22*	*0.47*	*0.46*	*0.54*	*0.68*	*0.99*	*1.91*	*2.33*	*2.56*	*2.64*	*3.49*		*5.53*	*7.08*		*6.44*
1037	03597800	35°27′19″	86°19′57″	THOMPSON CREEK NEAR ROSEVILLE (1)							18.3	18.2	49	2.368	39	1.46	3	5	03596000
	1.08	1.59	31.0	6.85	1.23	1.35	1.57	1.81	2.12	2.66	3.34	4.43	7.00	13.0		24.1	36.3		63.1
	0.60	1.11	32.3	9.83	0.59	0.72	0.88	1.19	1.65	2.76	4.32	6.71	10.6	17.0		25.9	39.1		69.7
	0.45	0.85	30.5	9.28	0.45	0.55	0.69	0.95	1.36	2.32	3.66	5.74	9.34	15.1		23.9	38.1		67.3
	0.77	*1.03*	*5.01*	*3.25*	*0.48*	*0.47*	*0.55*	*0.68*	*0.99*	*1.84*	*2.25*	*2.54*	*2.71*	*3.75*		*5.81*	*7.02*		*6.36*
1038	03597900	35°28′17″	86°28′39″	FLAT CREEK AT SHELBYVILLE (1)							49.6	49.8	36	2.370	41	1.44	7	11	03598000
	0.31	0.75	85.3	29.9	0.24	0.34	0.52	0.89	1.55	3.64	8.41	22.9	30.6	46.5		69.3	107		185
	0.00	0.85	80.4	19.6	0.00	0.00	0.64	0.96	1.53	3.37	6.27	11.2	20.0	35.7		60.0	98.2		179
	0.00	0.88	84.2	20.6	0.00	0.00	0.68	1.05	1.68	3.39	6.29	11.4	20.9	37.0		61.7	105		194
	1.10	*1.57*	*10.7*	*3.79*	*0.49*	*0.58*	*0.66*	*0.77*	*1.12*	*2.46*	*3.22*	*3.17*	*2.93*	*3.37*		*5.83*	*9.07*		*13.7*
1039	03598175	35°34′02″	86°30′10″	FALL CREEK ABOVE ELBETHEL (0)							18.5	17.3	32	2.367	10	0.51	1	--	--
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	0.00	0.12	27.8	8.72	0.00	0.00	0.00	0.14	0.21	0.65	1.63	3.44	6.90	12.1		20.2	32.5		63.5
	0.00	0.06	24.2	4.27	0.00	0.00	0.00	0.08	0.15	0.42	0.90	1.91	4.09	8.13		15.9	31.0		64.9
	1.05	*1.41*	*5.96*	*3.04*	*0.65*	*0.68*	*0.76*	*0.81*	*1.07*	*2.32*	*2.92*	*2.80*	*2.70*	*3.35*		*5.54*	*8.93*		*8.54*
1040	03598188	35°28′59″	86°36′19″	SINKING CREEK NEAR WHEEL (0)							18.1	17.7	34	2.371	15	0.67	1	--	--
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	0.00	0.26	29.9	8.86	0.00	0.00	0.00	0.27	0.42	1.05	2.20	4.25	7.95	13.7		22.5	35.6		66.9
	0.00	0.14	26.1	5.38	0.00	0.00	0.00	0.17	0.29	0.70	1.37	2.64	5.22	9.77		17.9	33.0		65.9
	1.11	*1.43*	*6.39*	*3.15*	*0.67*	*0.70*	*0.79*	*0.85*	*1.16*	*2.41*	*2.98*	*2.87*	*2.79*	*3.52*		*5.83*	*9.51*		*9.12*
1041	03598198	35°36′03″	86°32′28″	ALEXANDER CREEK NEAR UNIONVILLE (0)							15.6	18.3	32	2.367	10	0.52	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.10	30.0	9.61	0.00	0.00	0.00	0.12	0.20	0.64	1.71	3.76	7.70	13.5		22.4	35.8		69.3
	0.00	0.07	25.7	4.55	0.00	0.00	0.00	0.09	0.16	0.45	0.97	2.03	4.36	8.67		16.9	33.0		68.9
	1.04	*1.40*	*6.19*	*3.24*	*0.62*	*0.65*	*0.72*	*0.80*	*1.07*	*2.23*	*2.86*	*2.81*	*2.69*	*3.21*		*5.10*	*8.33*		*9.04*
1042	03598290	35°37′48″	86°41′12″	SPRING CREEK AT CHAPEL HILL (0)							18.9	18.6	33	2.367	16	1.07	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.21	29.9	9.14	0.00	0.00	0.00	0.23	0.34	0.94	2.08	4.13	7.83	13.5		22.2	35.4		67.0
	0.00	0.13	29.5	5.96	0.00	0.00	0.00	0.17	0.29	0.73	1.49	2.95	5.92	11.3		20.7	38.0		74.2
	1.11	*1.48*	*6.33*	*3.34*	*0.68*	*0.72*	*0.80*	*0.85*	*1.13*	*2.46*	*3.16*	*3.05*	*2.95*	*3.59*		*5.89*	*9.54*		*9.25*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80% 70% 60% 50% 40% 30% 20% 10%									
				Central and East Tennessee region--continued									
1043	03598298	35°36′12″	86°41′47″	SPRING CREEK AT WILHOITE MILLS (0)	23.7	24.2	33	2.368	15	0.95	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	0.19	40.3	11.5 0.00 0.00 0.00 0.22 0.36 1.01 2.43 5.10 9.92 17.6 29.4 47.8 91.2									
	0.00	0.17	37.8	7.63 0.00 0.00 0.00 0.21 0.37 0.92 1.89 3.75 7.54 14.4 26.4 48.6 95.7									
	1.08	*1.38*	*6.18*	*3.42 0.52 0.56 0.62 0.69 0.97 2.14 2.93 2.96 2.91 3.37 5.31 8.10 9.01*									
1044	03598320	35°34′43″	86°42′50″	RICH CREEK NEAR WILHOITE MILLS (0)	19.2	19.8	32	2.369	19	0.61	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	0.16	30.2	9.16 0.00 0.00 0.00 0.17 0.28 0.80 1.91 4.03 7.92 14.1 23.1 37.6 69.1									
	0.00	0.09	28.7	5.12 0.00 0.00 0.00 0.11 0.20 0.51 1.10 2.32 4.95 9.83 18.6 35.8 73.5									
	1.08	*1.45*	*6.22*	*3.31 0.63 0.66 0.73 0.80 1.07 2.23 2.91 2.87 2.73 3.26 5.17 8.34 9.16*									
1045	03599015	35°28′26″	86°45′51″	SNAKE CREEK NEAR LEWISBURG (0)	5.61	5.47	34	2.373	32	1.05	1	--	--
	--	--	--	-- -- -- -- -- -- -- -- -- -- -- -- -- -- --									
	0.00	0.17	7.35	3.03 0.00 0.00 0.00 0.00 0.26 0.54 0.95 1.59 2.59 3.80 5.88 9.80 17.0									
	0.00	0.05	8.55	1.75 0.00 0.00 0.00 0.00 0.11 0.24 0.46 0.89 1.73 3.26 5.82 10.6 20.4									
	0.87	*1.10*	*3.36*	*3.73 0.91 0.85 0.88 0.94 1.12 1.94 2.57 3.00 3.08 3.27 4.66 7.69 6.71*									
1046	03599100	35°30′16″	86°46′03″	BIG ROCK CREEK AT DOUBLE BRIDGES (1)	48.7	48.3	34	2.372	36	1.06	6	6	03584000
	0.59	1.05	81.6	24.0 0.66 0.78 0.94 1.24 1.65 3.80 8.40 17.4 26.1 40.8 64.8 103 189									
	0.00	0.55	77.2	17.8 0.00 0.00 0.40 0.63 1.02 3.53 5.16 9.77 17.8 32.4 56.1 93.7 172									
	0.00	0.53	77.9	17.1 0.00 0.00 0.41 0.64 1.07 2.34 4.59 8.77 17.0 31.4 54.4 96.4 184									
	1.11	*1.57*	*10.9*	*3.58 0.52 0.62 0.70 0.78 1.12 2.44 3.05 2.95 2.71 3.32 6.16 9.78 13.9*									
1047	03599300	35°36′29″	86°46′05″	CANEY CREEK AT CANEY SPRING (0)	28.9	26.9	32	2.368	11	0.65	1	--	--
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	0.00	0.11	44.8	12.7 0.00 0.00 0.08 0.14 0.23 0.77 2.17 4.96 10.4 18.9 31.9 52.9 104									
	0.00	0.11	39.5	7.16 0.00 0.00 0.08 0.14 0.26 0.72 1.56 3.27 6.95 13.8 26.4 50.8 104									
	1.22	*1.55*	*5.73*	*3.37 0.54 0.59 0.66 0.72 1.00 2.24 3.02 2.96 2.89 3.27 5.04 7.45 8.57*									
1048	03599404	35°38′34″	86°51′33″	PUMPKIN CREEK NR POTTSVILLE (0)	7.30	7.24	33	2.367	35	0.86	1	--	--
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	0.00	0.16	9.83	3.51 0.00 0.00 0.00 0.15 0.25 0.54 0.99 1.75 3.07 4.83 7.71 12.8 22.3									
	0.00	0.05	10.9	2.12 0.00 0.00 0.00 0.07 0.11 0.25 0.51 1.02 2.07 3.98 7.21 13.4 26.4									
	0.67	*0.97*	*3.03*	*3.05 0.56 0.54 0.60 0.74 0.88 1.69 2.19 2.57 2.67 3.02 4.32 6.96 6.05*									
1049	03599422	35°33′26″	86°51′59″	CEDAR CREEK AT LEFTWICH (0)	16.5	18.2	32	2.371	12	0.54	1	--	--
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	0.00	0.13	28.9	8.89 0.00 0.00 0.00 0.15 0.23 0.70 1.72 3.65 7.26 12.8 21.3 34.3 65.7									
	0.00	0.07	25.9	4.55 0.00 0.00 0.00 0.09 0.16 0.45 0.97 2.04 4.37 8.71 16.9 32.8 68.3									
	1.09	*1.44*	*6.84*	*3.26 0.69 0.73 0.80 0.85 1.11 2.36 3.05 3.03 2.92 3.71 6.44 11.3 10.4*									

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1050	03599430	35°28′18″	86°57′23″	FOUNTAIN CREEK NEAR CULLEOKA (1)							26.9	26.9	39	2.375	60	1.80	9	20	03600500
	0.66	1.81	42.6	15.7	0.49	0.67	1.01	1.65	2.67	4.77	7.07	11.6	17.8	24.3		33.7	49.8		83.3
	0.00	0.84	42.8	10.4	0.00	0.00	0.61	0.87	1.34	2.53	4.09	6.89	11.6	20.1		32.6	52.8		92.5
	0.00	0.76	47.0	12.4	0.00	0.00	0.60	0.87	1.34	2.41	4.21	7.22	12.7	21.8		35.1	57.9		103
	1.01	*1.23*	*8.52*	*3.51*	*0.54*	*0.58*	*0.64*	*0.69*	*1.07*	*2.32*	*3.01*	*2.92*	*2.81*	*3.49*		*5.97*	*8.79*		*9.34*
1051	03599437	35°26′25″	86°54′47″	MOORESVILLE CREEK AT MOORESVILLE (0)							5.32	5.35	36	2.376	58	1.74	1	--	--
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	0.00	0.26	7.63	3.29	0.00	0.00	0.00	0.00	0.38	0.73	1.18	1.86	2.89	4.12		5.99	9.49		16.5
	0.00	0.10	9.11	2.09	0.00	0.00	0.00	0.00	0.18	0.34	0.64	1.15	2.12	3.84		6.46	11.2		20.4
	0.81	*0.97*	*3.29*	*3.37*	*0.81*	*0.74*	*0.76*	*0.82*	*0.96*	*1.57*	*2.10*	*2.55*	*2.74*	*3.01*		*4.42*	*7.39*		*6.53*
1052	03599450	35°31′05″	86°56′31″	FOUNTAIN CREEK NEAR FOUNTAIN HEIGHTS (1)							74.0	74.0	37	2.373	62	1.62	3	14	03600500
	1.84	4.65	117	37.4	1.40	1.88	2.73	4.33	6.78	11.7	16.9	26.7	49.0	66.8		92.6	137		229
	0.99	1.68	114	21.8	0.00	1.12	1.42	1.88	2.63	4.85	8.04	13.2	22.0	42.9		82.8	139		253
	0.77	1.69	129	33.1	0.00	1.01	1.33	1.99	3.12	5.83	10.6	18.7	33.7	58.8		95.0	158		286
	0.94	*1.18*	*10.6*	*3.26*	*0.46*	*0.55*	*0.65*	*0.78*	*1.23*	*2.31*	*2.74*	*2.57*	*2.55*	*3.36*		*6.98*	*10.4*		*13.8*
1053	035994527	35°31′53″	86°55′59″	SILVER CREEK NEAR PARK STATION (0)							12.0	12.0	34	2.372	27	0.78	1	--	--
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	0.00	0.35	18.2	6.14	0.00	0.00	0.00	0.35	0.51	1.01	1.79	3.21	5.70	9.53		14.9	22.8		40.2
	0.00	0.11	18.0	3.71	0.00	0.00	0.00	0.13	0.22	0.49	0.96	1.84	3.63	6.80		12.2	22.3		43.8
	0.86	*1.16*	*4.44*	*3.02*	*0.55*	*0.54*	*0.63*	*0.77*	*1.04*	*2.17*	*2.85*	*2.97*	*2.63*	*3.26*		*5.07*	*8.06*		*7.18*
1054	03599950	35°42′41″	86°53′56″	RUTHERFORD CREEK NEAR KEDRON (0)							19.7	19.6	34	2.365	29	1.42	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.00	0.34	30.2	8.57	0.00	0.00	0.00	0.35	0.54	1.25	2.40	4.43	8.06	14.1		23.0	37.0		67.2
	0.00	0.22	32.5	7.16	0.00	0.00	0.00	0.27	0.45	1.01	1.97	3.74	7.20	13.3		23.3	41.3		77.6
	1.18	*1.55*	*6.49*	*3.24*	*0.69*	*0.72*	*0.81*	*0.86*	*1.13*	*2.46*	*3.10*	*2.97*	*2.86*	*3.58*		*5.96*	*9.65*		*9.27*
1055	03600000	35°40′23″	86°58′42″	RUTHERFORD CREEK NEAR CARTERS CREEK (2)							68.8	69.5	34	2.366	47	1.35	4	--	--
	0.00	0.00	100	13.1	0.00	0.00	0.00	0.01	0.04	1.28	3.48	6.75	14.4	34.6		69.5	128		256
	0.39	0.89	106	21.0	0.00	0.50	0.70	1.01	1.53	3.51	6.85	12.4	21.1	39.2		73.8	127		236
	0.35	0.88	117	26.6	0.00	0.49	0.67	1.06	1.77	3.73	7.34	13.9	26.7	49.0		82.8	144		270
	0.92	*1.31*	*12.0*	*3.64*	*0.45*	*0.54*	*0.63*	*0.76*	*1.14*	*2.27*	*2.89*	*2.71*	*2.62*	*3.47*		*6.94*	*10.3*		*15.2*
1056	03600256	35°33′27″	87°05′06″	LITTLE BIGBY CREEK NEAR SUNNYSIDE (1)							32.8	32.7	38	2.383	65	1.86	6	7	03600500
	0.80	1.27	51.9	6.20	0.70	0.80	0.97	1.22	1.53	2.00	2.40	4.20	8.60	18.0		41.0	60.7		102
	0.00	0.92	50.4	11.9	0.00	0.00	0.65	0.96	1.51	2.88	4.62	7.78	13.0	22.9		37.9	62.7		110
	0.00	0.85	58.2	14.8	0.00	0.00	0.67	0.99	1.53	2.77	4.94	8.59	15.3	26.6		42.9	71.2		128
	1.08	*1.29*	*8.87*	*3.20*	*0.57*	*0.61*	*0.67*	*0.73*	*1.12*	*2.28*	*2.82*	*2.68*	*2.50*	*3.47*		*5.98*	*9.52*		*10.4*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS 99.5% 99% 98% 95% 90% 80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued									
1057	03600259	35°36′32″	87°04′12″	LITTLE BIGBY CREEK AT COLUMBIA (1)	43.2	43.0	37	2.369	67	1.80	4	4	03600500
	0.89	1.38	49.0	3.65 0.78 0.90 1.07 1.33 1.64 2.12	2.51	3.12	4.15	9.70		25.3	81.8		137
	0.00	1.13	65.5	14.2 0.00 0.00 0.82 1.20 1.85 3.52	5.61	9.35	15.7	28.4		49.2	82.6		144
	0.00	1.02	75.3	19.3 0.00 0.00 0.80 1.18 1.86 3.43	6.21	11.0	19.7	34.4		55.5	92.5		166
	1.16	*1.56*	*8.48*	*3.35 0.49 0.56 0.64 0.71 1.06 2.18*	*2.82*	*2.74*	*2.58*	*3.09*		*5.24*	*7.62*		*10.3*
1058	03600291	35°39′04″	87°07′17″	GREENLICK CREEK NEAR COLUMBIA (1)	21.7	21.8	35	2.378	74	1.66	4	4	03600500
	0.30	0.79	34.3	7.13 0.23 0.31 0.46 0.75 1.19 2.10	3.09	5.00	9.47	18.7		27.2	40.2		67.2
	0.00	0.59	31.3	7.78 0.00 0.00 0.00 0.57 0.90 1.76	2.84	4.88	8.39	15.1		24.6	40.3		68.1
	0.00	0.37	37.7	8.61 0.00 0.00 0.00 0.44 0.70 1.33	2.53	4.68	8.77	16.0		26.5	45.7		83.6
	1.03	*1.30*	*5.75*	*3.05 0.56 0.60 0.67 0.72 1.05 2.33*	*3.04*	*2.95*	*2.78*	*3.45*		*5.35*	*8.69*		*8.60*
1059	03600360	35°43′31″	87°07′36″	SNOW CREEK NEAR SANTA FE (1)	11.1	11.2	48	2.372	70	2.52	9	13	03600500
	0.70	1.10	17.6	4.40 0.61 0.70 0.85 1.06 1.33 1.74	2.09	3.25	5.60	10.0		13.9	20.5		34.4
	0.37	0.66	18.1	5.36 0.35 0.41 0.51 0.72 1.00 1.61	2.42	3.76	5.91	9.28		14.4	22.3		38.5
	0.35	0.64	20.4	6.21 0.34 0.41 0.52 0.71 1.01 1.61	2.54	3.99	6.43	10.4		16.1	25.3		42.9
	0.70	*0.99*	*4.91*	*3.85 0.58 0.55 0.64 0.84 1.06 1.83*	*2.42*	*2.72*	*2.76*	*3.56*		*5.15*	*6.45*		*6.19*
1060	03600370	35°41′41″	87°11′18″	SNOW CREEK NEAR WILLIAMSPORT (1)	23.2	26.6	44	2.376	67	2.23	5	7	03600500
	1.02	1.62	36.7	7.60 0.90 1.03 1.24 1.56 1.94 2.53	3.03	5.20	10.1	21.0		29.0	43.0		71.8
	0.71	1.30	43.4	10.9 0.67 0.81 1.02 1.38 1.96 3.19	4.73	7.47	12.1	21.0		33.7	53.6		93.1
	0.62	1.20	48.2	14.1 0.62 0.76 0.96 1.35 1.99 3.30	5.43	8.78	14.6	24.1		37.5	59.6		103
	1.14	*1.39*	*8.45*	*3.02 0.64 0.66 0.74 0.79 1.15 2.23*	*2.66*	*2.49*	*2.39*	*3.26*		*5.74*	*8.47*		*9.04*
1061	03600380	35°41′43″	87°12′10″	LEIPERS CREEK AT WILLIAMSPORT (1)	37.5	37.3	58	2.376	74	2.34	6	10	03600500
	2.71	4.38	59.4	16.7 2.35 2.73 3.32 4.20 5.29 7.00	8.46	12.4	20.5	33.9		46.9	69.4		116
	1.80	2.95	63.7	18.5 1.79 2.08 2.49 3.27 4.24 6.08	8.58	12.6	19.4	31.5		49.9	75.1		131
	1.92	3.21	68.7	23.6 1.89 2.19 2.67 3.53 4.83 7.17	10.7	15.9	24.4	37.8		56.1	84.5		142
	0.88	*0.88*	*6.83*	*3.38 0.58 0.56 0.64 0.75 1.23 1.93*	*2.22*	*2.35*	*2.58*	*3.95*		*6.59*	*8.40*		*7.96*
1062	03601080	35°31′40″	87°15′41″	WEST FORK BIG BIGBY CREEK NEAR MT JOY (1)	14.8	14.8	97	2.387	72	2.48	5	5	03600500
	1.57	2.43	23.4	7.50 1.37 1.58 1.90 2.38 2.96 3.85	4.60	6.20	8.80	13.4		18.5	27.4		45.8
	1.22	1.79	24.2	8.48 1.19 1.32 1.53 1.92 2.43 3.30	4.40	6.19	8.98	13.5		20.1	29.3		48.9
	1.86	2.65	27.5	10.9 1.81 1.98 2.28 2.79 3.49 4.56	6.02	8.04	11.3	16.4		23.5	33.8		55.0
	0.47	*0.47*	*8.74*	*2.14 0.43 0.38 0.41 0.48 0.60 0.80*	*1.04*	*1.23*	*1.57*	*2.83*		*7.93*	*16.3*		*12.2*
1063	03601100	35°32′43″	87°14′05″	BIG BIGBY CREEK AT NEEDMORE (1)	48.3	48.3	99	2.385	71	2.28	10	29	03600500
	4.28	6.80	76.4	23.0 3.75 4.35 5.25 6.63 8.33 10.9	13.2	15.8	27.9	43.6		60.4	89.4		150
	4.89	7.02	78.3	28.7 4.69 5.21 5.99 7.40 9.15 12.3	16.1	21.2	29.8	43.4		64.7	95.6		161
	6.37	8.97	89.7	36.9 6.20 6.77 7.79 9.54 11.9 15.6	20.6	27.4	38.3	55.0		77.7	110		180
	1.01	*1.06*	*10.3*	*3.26 0.92 0.86 0.97 1.15 1.33 1.52*	*1.61*	*1.90*	*2.30*	*2.93*		*8.66*	*21.2*		*15.2*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
1064	03601235	35°31′23″	87°09′28″	SCOTTS CREEK NEAR MOUNT PLEASANT (1)							12.1	12.1	44	2.386	61	2.00	6	6	03600500
	0.18	0.53	19.1	4.76	0.13	0.18	0.27	0.45	0.74	1.33	1.99	3.29	6.39	10.9		15.1	22.4		37.5
	0.40	0.74	19.8	5.88	0.38	0.45	0.55	0.76	1.06	1.72	2.59	4.06	6.50	10.3		16.0	24.4		42.0
	0.26	0.50	21.6	6.02	0.26	0.32	0.40	0.57	0.83	1.39	2.28	3.70	6.20	10.4		16.5	26.6		46.6
	1.01	*1.23*	*5.54*	*3.51*	*0.60*	*0.60*	*0.67*	*0.73*	*1.01*	*2.03*	*2.55*	*2.79*	*2.88*	*3.54*		*5.54*	*7.26*		*6.64*
1065	03601250	35°32′56″	87°11′47″	SUGAR FORK CREEK AT MOUNT PLEASANT (1)							36.7	36.7	43	2.385	67	1.84	5	9	03600500
	0.49	1.23	58.1	8.48	0.38	0.50	0.71	1.10	1.69	2.82	3.99	6.16	11.0	20.3		38.9	67.9		114
	0.76	1.41	60.4	14.2	0.74	0.90	1.13	1.53	2.26	3.83	5.89	9.52	15.7	28.1		46.8	74.9		131
	0.75	1.47	65.4	18.5	0.75	0.93	1.18	1.67	2.45	4.13	6.87	11.3	19.0	31.7		49.7	79.8		140
	1.11	*1.19*	*8.36*	*3.03*	*0.57*	*0.60*	*0.65*	*0.71*	*1.10*	*2.12*	*2.56*	*2.47*	*2.39*	*3.47*		*6.40*	*9.45*		*8.87*
1066	03601500	35°37′04″	87°12′34″	BIG BIGBY CREEK AT CROSS BRIDGES (1)							112	112	66	2.381	70	2.01	8	10	03600500
	5.72	8.68	177	28.5	5.05	5.77	6.85	8.45	10.4	13.3	15.7	19.4	36.3	69.0		140	207		347
	5.62	8.75	183	60.0	5.71	6.55	7.68	9.86	12.6	18.3	26.3	37.9	60.1	98.2		154	230		402
	7.37	11.7	206	75.5	7.24	8.30	9.92	12.9	17.2	25.0	36.1	52.0	78.0	118		171	252		423
	1.87	*1.88*	*7.07*	*3.54*	*1.62*	*1.50*	*1.63*	*1.92*	*2.32*	*2.58*	*2.48*	*2.34*	*2.37*	*2.99*		*6.45*	*11.2*		*12.5*
1067	03601550	35°38′22″	87°16′02″	CATHEYS CREEK NEAR WILLIAMSPORT (1)							45.2	45.2	70	2.381	72	1.99	4	4	03602500
	5.37	7.10	72.3	26.1	4.82	5.28	6.08	7.20	8.70	11.0	14.2	18.2	25.1	37.1		58.1	88.3		146
	2.68	4.25	75.7	25.3	2.64	3.02	3.56	4.61	5.96	8.56	12.1	17.1	26.5	41.1		61.2	91.0		158
	3.23	5.03	81.5	29.8	3.17	3.60	4.28	5.46	7.18	10.2	14.5	20.6	30.6	46.2		67.4	99.6		167
	1.08	*1.14*	*7.14*	*3.11*	*0.91*	*0.81*	*0.89*	*1.09*	*1.44*	*1.88*	*2.04*	*2.05*	*2.27*	*2.91*		*7.07*	*13.7*		*12.1*
1068	03601650	35°50′28″	87°11′37″	LICK CREEK NEAR GORDON HILL (1)							25.1	25.3	140	2.368	79	2.53	5	5	03602500
	3.01	3.68	40.8	13.8	2.79	2.97	3.29	3.72	4.27	5.06	6.10	7.29	13.0	25.8		35.1	49.0		81.2
	5.58	7.50	43.4	20.9	5.96	6.41	7.13	8.33	9.73	12.0	14.4	17.4	21.6	28.8		37.9	51.7		84.8
	5.78	7.38	46.4	21.5	5.56	5.84	6.53	7.63	9.05	10.9	13.4	16.8	22.2	30.5		41.7	57.4		91.0
	0.53	*0.51*	*10.8*	*2.05*	*0.73*	*0.62*	*0.66*	*0.65*	*0.70*	*0.74*	*0.79*	*0.94*	*1.53*	*3.07*		*10.6*	*23.4*		*22.6*
1069	03601660	35°52′16″	87°13′48″	LOCUST FORK BELOW WRIGLEY (1)							16.3	16.3	140	2.370	80	1.84	5	5	03602500
	4.32	5.30	26.5	13.1	4.07	4.33	4.78	5.37	6.12	7.21	8.61	10.2	12.8	16.7		22.8	31.8		52.7
	3.68	4.88	28.0	12.9	3.53	3.80	4.24	4.97	5.80	7.15	8.66	10.6	13.5	18.1		24.3	33.3		54.6
	3.38	4.29	28.4	12.6	3.25	3.44	3.83	4.41	5.16	6.19	7.64	9.62	12.9	17.8		24.7	34.6		56.0
	0.69	*0.63*	*10.9*	*2.08*	*0.70*	*0.57*	*0.60*	*0.60*	*0.71*	*0.85*	*0.94*	*1.09*	*1.56*	*3.09*		*9.22*	*22.0*		*23.9*
1070	03601683	35°50′41″	87°14′43″	LOCUST FORK NEAR WRIGLEY (1)							25.5	25.6	134	2.371	81	1.73	6	6	03602500
	6.73	8.24	41.5	20.5	6.37	6.78	7.48	8.40	9.58	11.3	13.5	16.0	20.0	26.2		35.7	49.8		82.4
	4.89	6.46	42.5	18.8	5.04	5.42	6.03	7.03	8.20	10.1	12.2	14.9	19.1	26.3		36.5	51.0		84.1
	4.99	6.38	44.3	19.7	4.80	5.11	5.70	6.59	7.76	9.39	11.7	14.9	20.0	27.7		38.5	53.8		87.7
	0.54	*0.51*	*11.1*	*2.18*	*0.78*	*0.67*	*0.70*	*0.70*	*0.76*	*0.79*	*0.85*	*1.01*	*1.62*	*3.21*		*11.0*	*24.2*		*23.3*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1071	03601684	35°50′13″	87°15′41″	LICK CREEK ABOVE LITTLELOT (1)							62.4	62.5	133	2.372	80	2.19	5	5	03602500
	13.6	16.1	102	46.5	12.6	13.4	14.8	16.6	18.9	22.1	26.4	33.0	44.5	64.0		87.3	122		202
	13.9	17.9	106	48.8	13.4	14.3	15.9	18.6	21.6	26.5	32.0	39.0	49.7	66.3		90.8	127		208
	13.2	17.0	114	52.6	12.7	13.5	15.1	17.7	21.1	25.8	32.2	40.6	54.2	74.5		102	140		224
	1.09	*0.87*	*9.95*	*3.20*	*1.18*	*1.11*	*1.14*	*1.12*	*1.15*	*1.22*	*1.34*	*1.78*	*2.52*	*3.82*		*9.89*	*20.8*		*22.3*
1072	03601695	35°48′50″	87°17′38″	HASSELL CREEK NEAR LITTLELOT (1)							8.43	8.36	136	2.374	80	2.28	4	4	03602500
	2.24	2.75	13.7	6.77	2.11	2.24	2.47	2.78	3.17	3.73	4.46	5.29	6.60	8.65		11.8	16.5		27.3
	1.63	2.11	14.1	6.12	1.56	1.67	1.85	2.16	2.53	3.09	3.71	4.62	6.28	8.89		12.3	16.7		27.4
	1.71	2.21	15.0	6.52	1.65	1.74	1.95	2.26	2.67	3.20	3.97	5.01	6.70	9.35		13.1	18.4		29.4
	0.58	*0.61*	*10.6*	*4.26*	*0.51*	*0.42*	*0.47*	*0.56*	*0.80*	*1.19*	*1.46*	*2.02*	*2.90*	*5.90*		*11.6*	*17.7*		*16.6*
1073	03601700	35°47′43″	87°18′41″	LICK CREEK AT LITTLELOT (1)							99.8	99.9	124	2.376	80	2.18	10	13	03602500
	27.4	33.5	162	80.2	24.9	26.5	29.3	32.9	37.5	44.2	52.7	62.6	78.1	102		140	195		323
	21.7	27.5	164	75.2	20.7	22.2	24.6	28.6	32.9	40.3	49.1	60.1	77.0	103		141	201		330
	19.4	25.3	184	83.9	18.7	20.0	22.4	26.6	32.2	39.9	50.4	64.4	86.7	120		164	225		363
	1.17	*0.96*	*8.43*	*3.43*	*1.47*	*1.44*	*1.51*	*1.44*	*1.46*	*1.49*	*1.63*	*2.15*	*2.80*	*3.93*		*9.60*	*18.6*		*17.8*
1074	03601846	35°33′45″	87°23′20″	BIG SWAN CR BL LANGFORD BR, GORDONSBURG (1)							22.4	27.4	128	2.387	79	2.30	5	5	03602500
	3.43	4.17	36.4	13.7	3.17	3.39	3.76	4.26	4.89	5.82	7.03	9.40	13.0	19.3		31.3	43.8		72.4
	4.44	6.17	45.7	19.6	4.59	5.00	5.63	6.75	8.07	10.3	12.8	16.1	21.0	28.8		38.8	55.2		91.4
	5.31	6.94	50.6	22.0	5.13	5.44	6.12	7.21	8.65	10.6	13.3	16.9	22.8	31.9		44.3	61.8		99.5
	0.70	*0.70*	*9.74*	*3.37*	*0.92*	*0.82*	*0.90*	*0.96*	*1.06*	*1.13*	*1.23*	*1.60*	*2.53*	*4.34*		*13.4*	*17.7*		*14.6*
1075	03601848	35°34′01″	87°24′06″	BIG SWAN CREEK NEAR GORDONSBURG (1)							28.2	28.2	127	2.387	79	2.29	3	4	03602500
	4.20	5.08	45.9	16.3	3.94	4.17	4.57	5.09	5.74	6.67	7.86	11.0	15.6	24.0		39.5	55.1		91.2
	4.31	5.92	46.7	19.4	4.41	4.80	5.40	6.43	7.66	9.82	12.3	15.4	20.4	28.6		39.7	56.4		93.4
	5.41	7.08	52.2	22.6	5.23	5.55	6.24	7.36	8.84	10.8	13.6	17.4	23.5	32.8		45.6	63.6		102
	0.64	*0.61*	*10.1*	*2.78*	*0.81*	*0.72*	*0.77*	*0.78*	*0.84*	*0.89*	*0.96*	*1.22*	*1.99*	*3.77*		*13.6*	*17.9*		*15.0*
1076	03601860	35°36′27″	87°27′28″	INDIAN CREEK NEAR SALEM (1)							15.3	15.2	140	2.386	80	2.24	5	5	03602500
	4.03	4.87	24.9	12.3	3.82	4.07	4.49	5.04	5.75	6.77	8.09	9.59	12.0	15.7		21.4	29.9		49.5
	3.16	4.26	26.3	12.1	3.15	3.40	3.81	4.52	5.32	6.63	8.07	9.94	12.7	17.0		22.8	31.1		51.1
	3.25	4.16	27.7	12.1	3.13	3.30	3.68	4.28	5.04	6.04	7.45	9.38	12.5	17.4		24.2	33.8		54.3
	0.71	*0.70*	*8.66*	*3.16*	*0.87*	*0.72*	*0.75*	*0.78*	*0.93*	*1.18*	*1.37*	*1.80*	*2.48*	*4.71*		*10.3*	*15.1*		*14.0*
1077	03601900	35°45′22″	87°24′57″	BIG SWAN CREEK NEAR CENTERVILLE (1)							154	152	117	2.380	78	2.29	7	9	03602500
	54.4	65.8	251	144	50.6	53.8	59.2	66.3	75.3	88.4	105	120	141	175		215	301		498
	28.7	37.7	255	115	27.6	30.4	33.9	40.1	46.8	58.7	73.0	91.8	120	162		221	316		520
	27.7	36.7	286	129	26.8	28.7	32.4	38.9	47.6	60.0	76.9	99.0	134	187		255	350		564
	0.84	*0.82*	*10.2*	*4.93*	*1.16*	*1.24*	*1.33*	*1.40*	*1.62*	*2.19*	*2.60*	*3.72*	*4.76*	*5.85*		*11.4*	*20.1*		*19.9*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1078	03601950	35°47′07″	87°25′22″	HALEY CREEK NEAR CENTERVILLE (1)							5.56	5.64	93	2.380	80	1.88	4	4	03602500
	0.93	1.12	9.05	3.79	0.87	0.92	1.01	1.13	1.27	1.48	1.75	2.41	3.53	5.70		7.78	10.9		18.0
	0.58	0.84	9.39	3.78	0.56	0.63	0.73	0.90	1.11	1.47	1.90	2.63	3.77	5.43		7.97	11.5		19.5
	0.62	0.88	9.78	3.68	0.60	0.66	0.76	0.92	1.13	1.46	1.94	2.63	3.76	5.53		8.05	11.9		19.7
	0.39	*0.40*	*5.47*	*2.14*	*0.38*	*0.31*	*0.33*	*0.38*	*0.47*	*0.62*	*0.83*	*1.20*	*1.57*	*2.61*		*6.01*	*10.0*		*9.48*
1079	03601980	35°47′13″	87°27′01″	DEFEATED CREEK AT CENTERVILLE (1)							5.69	6.14	100	2.381	80	2.13	4	4	03602500
	0.76	0.94	9.26	3.62	0.70	0.75	0.83	0.94	1.08	1.29	1.56	2.21	3.43	5.84		7.96	11.1		18.4
	0.72	1.03	10.2	4.24	0.70	0.77	0.90	1.10	1.34	1.72	2.13	2.90	4.15	6.02		8.67	12.1		20.4
	0.78	1.09	10.9	4.24	0.76	0.82	0.94	1.13	1.39	1.77	2.32	3.09	4.35	6.33		9.13	13.3		21.8
	0.35	*0.35*	*6.74*	*2.40*	*0.37*	*0.30*	*0.32*	*0.36*	*0.46*	*0.61*	*0.86*	*1.25*	*1.66*	*3.15*		*7.07*	*11.7*		*9.37*
1080	03602110	35°46′18″	87°27′58″	INDIAN CREEK AT CENTERVILLE (1)							9.00	9.07	112	2.381	79	2.26	4	4	03602500
	2.09	2.56	14.6	7.10	1.93	2.06	2.29	2.60	3.00	3.58	4.33	5.25	6.70	9.23		12.6	17.6		29.1
	1.20	1.66	14.8	5.94	1.16	1.26	1.44	1.73	2.09	2.66	3.27	4.39	5.96	8.77		12.6	17.6		29.1
	1.40	1.90	16.4	6.67	1.35	1.45	1.66	1.97	2.39	2.98	3.82	4.99	6.88	9.84		14.0	20.0		32.4
	0.41	*0.42*	*11.6*	*3.25*	*0.44*	*0.37*	*0.41*	*0.49*	*0.66*	*0.97*	*1.24*	*1.69*	*2.38*	*5.47*		*13.3*	*20.5*		*17.7*
1081	03602192	36°01′40″	87°27′03″	WEST PINEY RIVER NEAR DICKSON (1)							21.2	21.1	137	2.344	59	2.15	17	31	03602500
	6.15	7.53	34.5	17.5	5.71	6.07	6.69	7.51	8.55	10.1	12.0	14.0	17.2	21.8		29.7	41.4		68.5
	3.73	4.82	35.1	14.6	3.62	3.89	4.34	4.96	5.78	7.09	8.77	11.1	14.9	21.3		30.0	43.0		70.5
	4.23	5.53	36.7	17.5	4.06	4.36	4.88	5.75	6.86	8.60	10.6	13.4	17.7	24.2		33.4	46.3		74.1
	0.40	*0.38*	*8.42*	*1.45*	*0.49*	*0.40*	*0.42*	*0.43*	*0.50*	*0.61*	*0.69*	*0.81*	*1.19*	*2.22*		*6.15*	*19.4*		*38.7*
1082	03602194	36°00′43″	87°26′33″	WEST PINEY R BL ST HWY 48 NR DICKSON (1)							25.7	26.1	137	2.344	61	1.99	5	19	03602500
	6.32	7.65	41.8	19.6	5.88	6.25	6.87	7.69	8.73	10.2	12.1	14.7	18.9	26.4		36.0	50.2		83.1
	5.26	6.77	43.2	19.5	5.10	5.48	6.09	6.96	8.10	9.95	12.1	14.9	19.6	27.0		37.0	53.3		86.9
	5.20	6.76	44.9	21.4	4.99	5.35	5.99	7.03	8.36	10.5	13.0	16.3	21.6	29.5		40.7	56.4		90.6
	0.47	*0.44*	*8.20*	*1.54*	*0.56*	*0.48*	*0.51*	*0.51*	*0.57*	*0.63*	*0.69*	*0.81*	*1.20*	*2.10*		*6.04*	*19.0*		*35.4*
1083	03602200	36°03′08″	87°23′51″	EAST PINEY RIVER NEAR DICKSON (1)							6.21	6.33	91	2.343	76	1.18	8	10	03602500
	1.29	1.59	10.1	4.45	1.20	1.28	1.42	1.60	1.83	2.16	2.59	3.25	4.29	5.97		8.69	12.1		20.1
	0.68	0.94	9.73	4.01	0.66	0.72	0.82	0.99	1.21	1.59	2.03	2.79	3.92	5.58		8.42	12.7		21.3
	0.61	0.86	9.79	3.83	0.59	0.65	0.75	0.90	1.09	1.43	1.91	2.61	3.75	5.47		7.98	11.9		20.2
	0.48	*0.49*	*2.06*	*1.82*	*0.53*	*0.43*	*0.46*	*0.51*	*0.59*	*0.73*	*0.96*	*1.19*	*1.26*	*1.61*		*4.48*	*10.4*		*16.9*
1084	03602207	36°00′38″	87°26′19″	EAST PINEY RIVER BELOW DICKSON (1)							17.9	18.0	92	2.344	76	1.17	6	13	03602500
	2.44	3.07	29.1	10.6	2.63	2.78	3.04	3.38	3.80	4.41	5.17	7.20	10.2	15.2		25.0	35.0		57.9
	1.50	2.13	28.3	10.0	1.43	1.60	1.85	2.29	2.82	3.73	5.07	7.05	10.1	14.9		23.0	35.2		59.9
	1.82	2.55	28.2	11.4	1.75	1.96	2.25	2.68	3.28	4.31	5.77	7.84	11.2	16.2		23.3	34.3		58.1
	0.70	*0.68*	*2.57*	*1.92*	*0.81*	*0.70*	*0.72*	*0.76*	*0.85*	*0.97*	*1.10*	*1.15*	*1.26*	*1.83*		*4.64*	*9.84*		*14.9*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1085	03602209	36°00′36″	87°26′38″	PINEY RIVER NEAR OAK GROVE (1)							44.1	44.2	119	2.344	67	1.66	6	26	03602500
	7.22	9.00	71.8	31.0	6.62	7.12	8.01	9.20	10.8	13.1	16.1	22.5	30.0	45.2		61.7	86.1		143
	7.14	9.00	71.0	30.0	6.80	7.31	8.09	9.31	10.9	13.5	16.7	21.4	29.2	42.0		61.2	88.9		147
	7.20	9.55	74.3	34.2	6.92	7.52	8.48	10.0	12.1	15.4	19.6	25.2	34.3	47.4		65.8	92.3		151
	0.57	*0.50*	*13.3*	*2.06*	*0.78*	*0.70*	*0.72*	*0.70*	*0.74*	*0.82*	*0.89*	*1.01*	*1.46*	*2.78*		*8.31*	*15.1*		*25.0*
1086	03602220	35°59′30″	87°26′19″	PINEY RIVER BELOW DICKSON (1)							46.7	46.7	120	2.344	68	1.63	4	11	03602500
	9.46	11.6	76.0	28.5	8.79	9.36	10.3	11.6	13.2	15.5	18.5	22.0	27.4	41.5		65.3	91.2		151
	7.82	9.80	75.0	32.3	7.49	8.03	8.86	10.2	11.8	14.7	18.1	23.1	31.4	45.1		65.2	93.8		155
	7.71	10.2	78.5	36.1	7.41	8.04	9.06	10.7	12.8	16.3	20.7	26.7	36.2	50.0		69.4	97.2		159
	0.68	*0.59*	*15.8*	*2.78*	*0.92*	*0.84*	*0.87*	*0.87*	*0.93*	*1.05*	*1.17*	*1.45*	*1.94*	*3.46*		*10.1*	*15.0*		*24.3*
1087	03602229	35°59′38″	87°24′04″	TURKEY CREEK NEAR MT. SINAI (1)							6.31	6.24	119	2.344	75	1.17	5	5	03602500
	0.71	0.93	10.3	3.35	0.64	0.70	0.80	0.94	1.14	1.43	1.84	2.35	3.21	5.00		8.83	12.3		20.4
	0.89	1.20	9.66	4.17	0.85	0.92	1.05	1.25	1.47	1.80	2.22	2.84	4.15	5.88		8.39	11.8		19.5
	0.89	1.17	9.65	4.08	0.85	0.93	1.04	1.20	1.41	1.75	2.22	2.89	4.00	5.64		8.07	11.7		19.6
	0.53	*0.53*	*5.64*	*3.09*	*0.57*	*0.45*	*0.48*	*0.51*	*0.61*	*0.75*	*0.97*	*1.43*	*2.30*	*5.11*		*9.34*	*9.56*		*9.60*
1088	03602230	35°57′11″	87°27′53″	PINEY RIVER ABOVE PINEWOOD (1)							77.5	77.6	126	2.345	71	1.56	4	12	03602500
	16.3	19.5	126	48.0	15.2	16.1	17.8	19.9	22.7	26.6	31.7	37.5	46.7	71.0		108	151		251
	15.8	20.0	129	60.2	15.2	16.3	18.0	20.8	24.1	29.8	36.4	45.5	59.5	81.3		112	156		258
	14.0	18.1	130	61.6	13.4	14.4	16.2	19.0	22.6	28.4	35.9	45.8	61.7	84.4		116	161		263
	1.08	*0.89*	*7.09*	*2.70*	*1.35*	*1.29*	*1.32*	*1.23*	*1.19*	*1.20*	*1.27*	*1.60*	*1.96*	*2.85*		*5.19*	*8.29*		*14.8*
1089	03602232	36°00′23″	87°31′02″	GARNER CREEK NR TENNESSEE CITY (1)							13.7	14.1	120	2.344	49	2.87	6	6	03602500
	1.29	1.68	22.3	7.20	1.16	1.27	1.45	1.71	2.05	2.58	3.30	4.60	6.80	10.9		19.2	26.8		44.3
	1.66	2.22	22.5	8.69	1.60	1.75	1.98	2.34	2.78	3.54	4.50	5.99	8.61	13.1		19.8	28.8		47.6
	2.38	3.29	25.6	11.8	2.30	2.50	2.84	3.46	4.26	5.60	7.08	9.05	12.1	16.8		23.6	32.9		52.2
	0.46	*0.45*	*3.23*	*1.65*	*0.55*	*0.46*	*0.48*	*0.50*	*0.58*	*0.68*	*0.73*	*0.88*	*1.17*	*2.47*		*6.67*	*18.6*		*30.7*
1090	03602235	35°58′13″	87°29′30″	GARNER CREEK ABOVE PINEWOOD (1)							22.7	22.9	124	2.345	58	2.70	5	6	03602500
	2.99	3.85	36.9	14.0	2.71	2.94	3.36	3.92	4.68	5.82	7.39	9.90	13.3	20.0		31.8	44.3		73.4
	3.39	4.37	36.9	14.9	3.24	3.50	3.93	4.54	5.31	6.63	8.26	10.6	14.5	21.0		30.9	45.3		75.5
	4.24	5.72	41.4	19.5	4.08	4.40	4.98	5.99	7.31	9.36	11.8	15.0	20.0	27.5		38.1	52.8		83.6
	0.43	*0.41*	*9.26*	*1.70*	*0.59*	*0.50*	*0.54*	*0.54*	*0.60*	*0.70*	*0.77*	*0.91*	*1.33*	*2.38*		*7.26*	*29.8*		*89.2*
1091	03602245	35°56′26″	87°25′41″	BIG SPRING CREEK ABOVE PINEWOOD (1)							19.8	20.0	140	2.345	81	1.74	6	7	03602500
	5.99	7.30	32.2	15.9	4.94	5.26	5.81	6.52	7.44	8.76	10.5	12.4	15.5	20.3		27.7	38.7		64.0
	4.36	5.53	33.0	15.2	4.12	4.40	4.88	5.57	6.48	7.90	9.69	11.9	15.4	21.4		29.1	40.8		65.3
	4.22	5.33	33.5	15.7	4.04	4.29	4.77	5.47	6.39	7.66	9.46	11.9	15.8	21.6		29.7	41.3		66.6
	0.41	*0.39*	*8.34*	*1.39*	*0.47*	*0.39*	*0.40*	*0.41*	*0.48*	*0.58*	*0.66*	*0.77*	*1.14*	*2.17*		*6.07*	*19.8*		*43.2*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
1092	03602265	35°54′37″	87°28′04″	PINEY RIVER AT PINEWOOD (1)							150	151	130	2.345	72	1.91	5	14	03602500
	36.2	43.9	244	107	33.6	35.8	39.4	44.3	50.4	59.3	70.8	83.8	104	153		210	293		485
	40.7	51.9	276	154	37.5	41.0	45.1	53.4	62.9	77.8	95.3	117	149	195		255	344		539
	30.8	39.6	265	130	29.5	31.6	35.4	41.7	50.1	62.6	78.5	99.3	132	179		242	329		529
	1.17	*1.08*	*4.83*	*2.30*	*1.10*	*1.17*	*1.19*	*1.25*	*1.35*	*1.40*	*1.42*	*1.64*	*1.85*	*2.44*		*3.42*	*5.18*		*11.0*
1093	03602300	35°53′21″	87°21′55″	MILL CR AB NORTH FORK NEAR WRIGLEY (1)							9.51	9.66	140	2.376	80	1.88	4	5	03602500
	1.84	2.27	15.5	6.00	1.70	1.82	2.02	2.28	2.61	3.10	3.73	4.47	5.63	8.60		13.3	18.6		30.8
	1.98	2.59	16.6	7.36	1.90	2.04	2.28	2.66	3.12	3.84	4.65	5.74	7.68	10.6		14.5	19.7		32.2
	1.96	2.49	16.8	7.29	1.88	1.99	2.22	2.55	2.98	3.56	4.40	5.55	7.43	10.4		14.5	20.4		33.1
	0.61	*0.62*	*10.7*	*4.07*	*0.56*	*0.46*	*0.51*	*0.61*	*0.84*	*1.19*	*1.42*	*1.95*	*2.82*	*6.04*		*11.6*	*17.2*		*16.3*
1094	03602310	35°54′02″	87°21′14″	NORTH FORK MILL CREEK AT WRIGLEY (1)							1.46	1.59	140	2.376	82	1.29	3	4	03602500
	0.16	0.20	2.38	0.72	0.15	0.16	0.17	0.20	0.23	0.27	0.33	0.46	0.69	1.16		2.04	2.85		4.72
	0.35	0.45	2.33	1.30	0.33	0.36	0.40	0.47	0.53	0.64	0.76	0.90	1.25	1.59		2.32	3.30		5.03
	0.28	0.35	2.54	1.02	0.26	0.28	0.31	0.35	0.40	0.47	0.58	0.74	1.01	1.44		2.08	3.04		5.06
	0.28	*0.28*	*2.92*	*1.42*	*0.26*	*0.18*	*0.20*	*0.22*	*0.28*	*0.38*	*0.47*	*0.69*	*1.05*	*2.31*		*5.90*	*5.39*		*5.96*
1095	03602316	35°53′09″	87°22′07″	MILL CR BL NORTH FORK NEAR WRIGLEY (1)							12.6	12.9	140	2.376	81	1.78	8	9	03602500
	1.85	2.28	20.5	5.20	1.70	1.82	2.03	2.31	2.66	3.18	3.86	4.65	5.91	10.0		17.6	24.6		40.7
	2.81	3.69	22.0	10.0	2.69	2.90	3.23	3.78	4.40	5.41	6.52	7.99	10.4	14.2		19.1	26.1		42.8
	2.61	3.31	22.3	9.74	2.51	2.65	2.96	3.40	3.97	4.74	5.85	7.38	9.91	13.8		19.2	27.1		44.0
	1.03	*0.95*	*11.6*	*3.49*	*1.22*	*0.97*	*0.99*	*0.99*	*1.14*	*1.31*	*1.38*	*1.67*	*2.47*	*5.11*		*11.4*	*18.4*		*18.9*
1096	03602590	35°42′14″	87°30′35″	BEAVERDAM CR AT HWY 100 NR CENTERVILLE (1)							22.9	23.0	140	2.384	79	2.40	6	6	03602500
	8.35	10.1	37.3	21.3	7.79	8.26	9.07	10.1	11.5	13.4	15.8	17.5	20.5	25.4		32.0	44.7		74.0
	4.79	6.48	40.3	18.5	5.00	5.41	6.04	7.13	8.33	10.4	12.5	15.2	19.3	26.0		34.9	48.1		79.6
	5.07	6.49	42.5	19.0	4.89	5.15	5.75	6.71	7.95	9.56	11.8	14.8	19.7	27.3		37.6	52.0		83.1
	0.63	*0.61*	*9.38*	*2.54*	*0.81*	*0.70*	*0.74*	*0.76*	*0.83*	*0.91*	*1.04*	*1.33*	*2.06*	*3.94*		*11.1*	*18.3*		*15.5*
1097	03602600	35°47′07″	87°37′32″	BEAVERDAM CREEK AT COBLE (1)							74.7	75.0	138	2.384	79	2.44	4	4	03602500
	31.0	37.8	122	76.0	28.8	30.7	33.8	38.0	43.2	50.8	60.7	67.0	75.0	89.0		105	146		242
	15.8	21.3	127	61.1	15.5	16.7	18.8	22.4	26.4	32.8	40.0	48.8	61.8	81.0		108	152		249
	17.0	21.7	141	65.2	16.4	17.3	19.3	22.7	27.1	33.0	40.9	51.3	68.0	93.4		127	173		276
	0.49	*0.47*	*8.86*	*2.73*	*0.49*	*0.49*	*0.53*	*0.57*	*0.65*	*0.77*	*0.95*	*1.40*	*2.12*	*3.43*		*9.12*	*20.9*		*20.6*
1098	03602629	35°52′14″	87°42′21″	DUCK RIVER NEAR ONLY (1)							2452	2459	69	2.383	54	1.58	4	4	03603000
	378	486	4167	1672	374	402	432	502	575	740	959	1270	1855	2677		3818	5578		9617
	288	399	4317	2203	272	309	349	435	553	805	1126	1557	2223	3063		4186	5864		9547
	171	267	4532	1824	168	195	231	303	408	618	891	1268	1881	2754		3911	5562		9469
	4.59	*5.62*	*12.6*	*9.34*	*4.50*	*6.56*	*6.59*	*6.73*	*7.09*	*7.55*	*7.45*	*6.33*	*7.90*	*8.25*		*11.1*	*15.7*		*15.6*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
1099	03602630	35°52′27″	87°42′24″	BARREN HOLLOW BRANCH NEAR ONLY (1)							7.64	7.46	140	2.383	94	2.60	4	4	03602500
	1.52	1.87	12.4	5.30	1.41	1.51	1.67	1.89	2.17	2.57	3.10	3.30	5.10	7.30		10.7	14.9		24.7
	1.45	2.03	13.2	6.34	1.43	1.56	1.79	2.13	2.52	3.15	3.89	4.82	6.43	8.45		11.5	15.5		25.3
	1.70	2.16	13.7	5.97	1.63	1.70	1.90	2.20	2.58	3.01	3.71	4.66	6.20	8.65		12.0	16.7		26.6
	0.60	*0.62*	*9.20*	*3.89*	*0.57*	*0.45*	*0.50*	*0.59*	*0.83*	*1.17*	*1.37*	*1.88*	*2.67*	*5.51*		*10.4*	*15.0*		*14.3*
1100	03602660	35°53′02″	87°41′08″	SUGAR CREEK AT BUCKSNORT (1)							30.8	28.9	140	2.382	80	2.56	4	4	03602500
	5.99	7.34	50.1	22.0	5.56	5.91	6.52	7.33	8.35	9.84	11.8	15.4	21.0	31.6		43.1	60.2		99.6
	6.45	8.63	51.0	23.8	6.72	7.25	8.07	9.53	11.1	13.7	16.4	19.7	24.8	33.0		44.1	61.3		101
	6.59	8.43	54.2	24.5	6.35	6.67	7.45	8.72	10.4	12.5	15.4	19.3	25.5	35.2		48.3	66.5		106
	0.64	*0.62*	*9.23*	*2.93*	*0.85*	*0.75*	*0.82*	*0.85*	*0.91*	*0.94*	*1.04*	*1.38*	*2.18*	*3.73*		*10.3*	*18.9*		*17.3*
1101	03602700	35°55′58″	87°43′51″	TUMBLING CREEK NEAR HURRICANE MILLS (1)							51.2	51.3	140	2.349	92	2.61	17	36	03602500
	9.64	11.9	78.0	30.0	9.02	9.62	10.7	12.0	13.8	16.3	19.7	23.5	29.6	41.5		62.0	100		166
	12.4	15.8	84.5	40.9	11.9	12.6	14.0	16.3	18.9	22.6	27.0	32.4	41.8	55.7		74.4	102		166
	12.9	16.2	93.7	46.2	12.4	12.9	14.4	16.8	19.9	23.6	29.1	36.3	47.5	64.2		85.9	116		183
	0.61	*0.51*	*15.6*	*2.37*	*0.70*	*0.64*	*0.65*	*0.64*	*0.68*	*0.76*	*0.85*	*1.09*	*1.73*	*3.50*		*13.1*	*25.3*		*33.5*
1102	03603471	36°05′49″	87°35′05″	HURRICANE CREEK NEAR FEW CHAPEL (1)							12.1	11.4	120	2.344	49	2.87	7	9	03602500
	1.01	1.26	19.7	5.10	0.94	1.00	1.11	1.25	1.43	1.70	2.05	3.00	4.70	8.40		16.9	23.6		39.1
	1.34	1.82	18.6	7.25	1.31	1.42	1.61	1.91	2.28	2.92	3.72	4.99	7.13	10.8		16.1	23.1		38.5
	1.92	2.66	20.7	9.49	1.85	2.01	2.29	2.79	3.43	4.50	5.70	7.28	9.75	13.5		19.0	26.6		42.2
	0.53	*0.53*	*3.27*	*1.87*	*0.61*	*0.50*	*0.53*	*0.56*	*0.66*	*0.78*	*0.84*	*1.04*	*1.32*	*2.82*		*6.80*	*16.7*		*25.8*
1103	03603479	36°02′21″	87°38′22″	HURRICANE CREEK AT NEW HOPE (1)							26.9	26.4	122	2.345	57	2.86	7	8	03602500
	5.96	7.23	43.8	18.8	5.55	5.89	6.47	7.24	8.21	9.61	11.4	13.4	18.0	24.8		37.6	52.5		87.0
	3.71	4.77	42.1	16.6	3.54	3.83	4.29	4.95	5.80	7.26	9.06	11.8	16.1	23.4		35.1	51.6		86.7
	4.85	6.58	48.3	22.8	4.68	5.04	5.72	6.92	8.49	10.9	13.8	17.6	23.4	32.3		44.7	61.7		97.5
	0.49	*0.45*	*16.1*	*1.96*	*0.68*	*0.58*	*0.62*	*0.63*	*0.70*	*0.81*	*0.88*	*1.00*	*1.53*	*2.94*		*9.92*	*40.6*		*67.0*
1104	03603486	36°02′14″	87°38′19″	LITTLE HURRICANE CREEK NEAR MCEWEN (1)							14.2	14.4	133	2.345	72	2.73	4	4	03602500
	2.49	3.09	23.1	8.70	2.30	2.46	2.73	3.09	3.56	4.24	5.13	6.16	8.40	12.4		19.9	27.7		45.9
	2.25	2.91	23.0	9.23	2.12	2.28	2.56	2.98	3.49	4.31	5.33	6.77	9.29	13.5		19.7	28.4		47.0
	3.08	4.03	26.0	12.3	2.96	3.14	3.53	4.16	4.98	6.10	7.58	9.54	12.6	17.3		23.7	32.8		51.6
	0.48	*0.48*	*12.5*	*2.00*	*0.56*	*0.46*	*0.49*	*0.51*	*0.60*	*0.73*	*0.81*	*1.01*	*1.48*	*3.05*		*9.45*	*32.8*		*38.6*
1105	03603500	35°58′15″	87°46′54″	HURRICANE CREEK AT HURRICANE MILLS (1)							75.1	75.0	132	2.349	74	2.75	6	19	03602500
	17.4	21.1	122	57.0	16.1	17.1	18.9	21.3	24.3	28.6	34.2	40.6	55.0	77.0		105	147		243
	16.7	21.3	125	59.3	16.1	17.2	19.1	22.1	25.5	31.1	37.5	45.9	59.2	79.2		108	150		248
	16.9	21.9	139	68.3	16.2	17.2	19.3	22.9	27.7	34.2	42.7	53.6	70.6	95.8		129	175		275
	1.07	*0.89*	*14.7*	*3.89*	*1.28*	*1.24*	*1.29*	*1.25*	*1.27*	*1.35*	*1.51*	*2.03*	*2.74*	*4.63*		*12.6*	*22.7*		*30.1*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1106	03603540	35°22′49″	87°22′54″	WATER FORK NEAR HENRYVILLE (1)							21.4	21.5	140	2.394	80	1.99	7	12	03600500
	7.27	10.4	37.0	22.5	6.57	7.36	8.50	10.2	12.1	14.9	17.2	20.5	23.8	27.5		32.5	39.6		66.3
	4.46	6.03	37.5	17.1	4.64	5.01	5.61	6.62	7.71	9.53	11.5	14.1	17.9	24.0		32.3	44.4		73.3
	4.47	5.70	39.0	16.8	4.32	4.55	5.08	5.88	6.93	8.31	10.3	12.9	17.4	24.2		33.7	47.1		76.4
	0.66	*0.64*	*9.46*	*3.03*	*0.83*	*0.72*	*0.76*	*0.78*	*0.89*	*1.08*	*1.26*	*1.64*	*2.64*	*5.02*		*12.5*	*20.2*		*15.9*
1107	03603550	35°23′50″	87°23′14″	BUFFALO RIVER AT HENRYVILLE (1)							60.2	60.8	140	2.393	80	2.00	3	6	03604000
	9.62	13.6	108	44.0	9.75	10.4	11.9	14.5	17.6	22.9	28.6	36.0	47.4	64.3		89.5	122		198
	12.6	17.0	105	49.7	12.9	13.9	15.6	18.6	21.8	27.0	32.8	39.9	50.3	66.4		90.3	126		205
	13.1	16.6	112	49.8	12.7	13.4	14.9	17.3	20.5	24.8	30.7	38.6	51.6	71.3		98.1	135		219
	0.49	*0.50*	*7.48*	*2.76*	*0.47*	*0.46*	*0.50*	*0.53*	*0.62*	*0.73*	*0.88*	*1.33*	*2.06*	*2.96*		*8.08*	*16.7*		*15.8*
1108	03603560	35°26′01″	87°23′16″	SAW CREEK AT BARNESVILLE (1)							12.1	11.7	140	2.392	80	2.19	6	14	03604000
	3.87	5.05	21.8	12.5	3.91	4.12	4.58	5.39	6.31	7.79	9.32	11.2	12.9	15.7		19.4	24.6		39.8
	2.57	3.37	20.3	9.36	2.46	2.65	2.96	3.47	4.05	5.00	6.05	7.45	9.79	13.2		17.7	23.9		39.3
	2.45	3.14	21.4	9.13	2.37	2.49	2.78	3.22	3.80	4.54	5.60	7.06	9.45	13.2		18.5	25.9		41.8
	0.56	*0.56*	*8.56*	*3.15*	*0.49*	*0.41*	*0.45*	*0.53*	*0.73*	*1.07*	*1.33*	*1.77*	*2.45*	*4.51*		*9.51*	*15.3*		*14.0*
1109	03603580	35°28′24″	87°28′04″	BUFFALO R AT NATCHEZ TR PKWY BRIDGE (1)							101	102	140	2.391	80	2.16	4	11	03604000
	23.0	30.2	174	101	23.3	24.5	27.2	31.9	37.2	45.8	54.5	65.5	84.0	112		150	205		332
	22.5	29.6	176	82.6	21.9	23.7	26.7	31.0	36.1	44.0	53.7	65.3	84.3	111		150	210		343
	22.9	29.0	190	87.0	22.1	23.3	25.9	30.4	36.1	43.8	54.2	68.0	90.5	124		169	231		371
	0.49	*0.46*	*7.06*	*2.55*	*0.47*	*0.48*	*0.51*	*0.53*	*0.60*	*0.74*	*0.93*	*1.40*	*2.11*	*3.25*		*7.80*	*15.5*		*16.2*
1110	03603586	35°29′26″	87°31′33″	GRINDERS CREEK NEAR OAK GROVE (1)							10.1	10.7	140	2.391	67	2.68	5	6	03600500
	1.83	2.80	16.4	7.50	1.61	1.85	2.20	2.73	3.37	4.35	5.16	6.41	8.52	10.7		13.8	18.7		31.3
	1.93	2.55	18.7	7.85	1.86	2.01	2.26	2.65	3.10	3.87	4.74	6.05	8.26	11.7		16.2	22.3		36.9
	2.25	2.95	20.2	8.73	2.18	2.30	2.58	3.04	3.63	4.43	5.46	6.85	9.12	12.7		17.8	24.9		39.7
	0.58	*0.58*	*9.87*	*3.47*	*0.52*	*0.43*	*0.47*	*0.56*	*0.76*	*1.11*	*1.37*	*1.83*	*2.57*	*5.24*		*10.8*	*15.4*		*13.7*
1111	03603590	35°27′52″	87°32′10″	GRINDERS CREEK NEAR HOHENWALD (1)							15.3	15.8	140	2.392	69	2.67	4	5	03604000
	3.36	4.28	26.3	11.8	3.38	3.54	3.89	4.49	5.15	6.20	7.26	9.40	12.8	17.4		22.7	31.1		50.3
	2.79	3.84	27.4	11.8	2.81	3.05	3.44	4.10	4.87	6.18	7.64	9.64	12.6	17.3		23.6	32.6		53.9
	3.39	4.41	29.9	13.1	3.28	3.46	3.88	4.56	5.45	6.65	8.20	10.3	13.7	19.0		26.5	36.8		58.8
	0.56	*0.58*	*8.82*	*3.18*	*0.55*	*0.47*	*0.51*	*0.59*	*0.78*	*1.10*	*1.35*	*1.82*	*2.51*	*4.81*		*10.6*	*15.3*		*14.2*
1112	03603600	35°27′45″	87°32′08″	BUFFALO RIVER ABOVE RIVERSIDE (1)							126	127	140	2.392	79	2.24	2	7	03604000
	30.8	41.1	217	105	31.3	33.0	36.6	43.1	50.5	62.3	74.4	89.6	112	143		187	256		414
	28.5	37.0	220	105	27.2	29.4	32.9	38.5	44.7	55.0	67.3	82.6	107	141		189	265		434
	29.0	36.7	240	110	28.0	29.4	32.8	38.5	46.0	55.8	69.2	86.7	115	158		215	291		468
	0.46	*0.47*	*7.28*	*2.82*	*0.43*	*0.47*	*0.51*	*0.55*	*0.64*	*0.80*	*1.03*	*1.61*	*2.37*	*3.51*		*8.09*	*14.1*		*15.4*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
				Central and East Tennessee region--continued															
1113	03603660	35°25′53″	87°31′13″	LITTLE BUFFALO RIVER NEAR NAPIER (1)							37.7	38.2	140	2.393	80	2.21	4	9	03604000
	13.4	18.2	69.0	43.0	13.6	14.3	15.9	18.8	22.0	27.3	32.7	39.4	45.0	53.0		63.0	76.7		124
	7.02	9.68	66.9	30.2	7.29	7.94	8.95	10.7	12.6	15.9	19.5	24.1	31.0	42.1		57.1	79.8		132
	8.35	10.6	70.9	31.4	8.06	8.48	9.46	11.0	13.1	15.7	19.5	24.5	32.6	45.2		62.4	86.1		139
	0.46	*0.45*	*7.60*	*2.75*	*0.47*	*0.43*	*0.47*	*0.50*	*0.57*	*0.68*	*0.82*	*1.21*	*2.03*	*3.51*		*9.02*	*14.6*		*15.5*
1114	03603690	35°26′21″	87°28′32″	CHIEF CREEK AT NAPIER (1)							19.3	19.2	140	2.392	80	2.25	7	15	03604000
	6.09	8.08	34.0	19.5	6.15	6.48	7.19	8.45	9.87	12.1	14.5	17.4	20.5	24.5		30.0	39.3		63.5
	3.84	5.22	33.1	15.1	3.97	4.31	4.84	5.74	6.73	8.36	10.1	12.4	15.8	21.3		28.6	39.1		64.3
	4.11	5.26	35.4	15.4	3.97	4.18	4.66	5.42	6.41	7.68	9.48	11.9	15.9	22.2		30.9	42.9		69.1
	0.68	*0.67*	*8.10*	*3.19*	*0.81*	*0.69*	*0.72*	*0.75*	*0.90*	*1.15*	*1.32*	*1.72*	*2.60*	*4.52*		*9.81*	*14.5*		*12.8*
1115	03603693	35°26′48″	87°32′20″	LITTLE BUFFALO RIVER NR HOHENWALD (1)							76.7	76.7	140	2.393	80	2.27	5	6	03604000
	26.7	35.7	145	82.0	27.0	28.4	31.3	36.6	42.5	51.9	61.4	73.3	87.0	105		128	156		252
	15.6	21.1	133	62.5	15.2	16.6	18.8	22.2	26.2	32.9	40.6	49.9	63.8	84.7		114	160		264
	17.3	22.0	144	65.4	16.7	17.6	19.6	22.9	27.3	33.0	40.9	51.3	68.2	93.9		128	175		281
	0.49	*0.47*	*8.45*	*2.74*	*0.47*	*0.47*	*0.50*	*0.53*	*0.61*	*0.74*	*0.91*	*1.37*	*2.22*	*3.41*		*8.56*	*19.4*		*18.7*
1116	03603710	35°26′32″	87°35′59″	ALLENS CREEK AT RIVERSIDE (1)							6.57	6.50	128	2.393	86	2.40	4	5	03604000
	2.52	3.35	12.0	7.70	2.55	2.68	2.95	3.44	3.99	4.87	5.75	6.85	8.00	9.30		11.2	13.4		21.6
	1.11	1.59	11.2	5.22	1.10	1.20	1.39	1.67	1.98	2.47	3.01	3.84	5.14	6.95		9.70	13.2		21.6
	1.23	1.61	11.9	4.91	1.19	1.25	1.41	1.65	1.96	2.35	2.94	3.76	5.10	7.23		10.2	14.5		23.3
	0.50	*0.50*	*9.07*	*2.97*	*0.48*	*0.38*	*0.41*	*0.48*	*0.67*	*0.97*	*1.22*	*1.59*	*2.22*	*5.00*		*10.7*	*14.2*		*12.8*
1117	03603716	35°27′17″	87°36′32″	ROCKHOUSE CREEK AT RIVERSIDE (1)							20.1	20.3	135	2.393	74	2.44	5	6	03604000
	4.82	6.45	34.6	16.8	4.99	5.26	5.85	6.88	8.05	9.94	11.9	14.3	17.9	22.8		29.8	40.9		66.1
	3.53	4.86	34.2	14.8	3.61	3.92	4.43	5.27	6.24	7.84	9.64	12.1	15.6	21.2		29.2	40.8		67.4
	4.15	5.40	38.0	16.4	4.02	4.24	4.76	5.60	6.69	8.15	10.1	12.8	17.1	24.0		33.4	46.4		74.5
	0.70	*0.69*	*9.14*	*3.36*	*0.88*	*0.76*	*0.81*	*0.84*	*0.99*	*1.22*	*1.41*	*1.90*	*2.98*	*5.18*		*12.5*	*18.5*		*15.5*
1118	03603720	35°30′06″	87°37′50″	TRACE CREEK NEAR HOHENWALD (1)							13.4	13.4	140	2.392	79	2.27	6	11	03604000
	2.43	3.26	23.0	9.40	2.45	2.59	2.88	3.40	3.98	4.93	5.90	7.70	10.2	14.2		19.8	27.3		44.1
	2.80	3.73	23.2	10.6	2.73	2.95	3.31	3.90	4.59	5.71	6.95	8.51	11.1	14.9		20.1	27.4		45.1
	2.84	3.65	24.7	10.6	2.75	2.89	3.23	3.75	4.43	5.30	6.54	8.24	11.0	15.4		21.5	30.0		48.2
	0.55	*0.57*	*9.00*	*3.45*	*0.52*	*0.44*	*0.49*	*0.59*	*0.85*	*1.33*	*1.73*	*2.20*	*2.76*	*4.72*		*10.1*	*15.5*		*14.2*
1119	03603730	35°27′15″	87°37′10″	TRACE CREEK NEAR RIVERSIDE (1)							24.6	24.7	139	2.393	78	2.35	7	12	03604000
	4.92	6.70	42.3	17.5	4.97	5.24	5.84	6.90	8.10	10.1	12.1	14.6	19.1	25.8		36.4	50.0		80.9
	4.93	6.75	43.1	19.7	5.17	5.60	6.27	7.43	8.73	10.9	13.2	16.2	20.7	27.7		37.2	51.4		85.0
	5.31	6.82	46.1	20.2	5.13	5.40	6.04	7.06	8.38	10.1	12.5	15.7	21.0	29.2		40.5	56.1		90.0
	0.67	*0.65*	*8.92*	*2.91*	*0.80*	*0.70*	*0.75*	*0.77*	*0.86*	*0.94*	*1.09*	*1.45*	*2.34*	*4.20*		*10.7*	*16.5*		*13.6*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1120	03603750	35°20′35″	87°39′38″	FORTYEIGHT CREEK NEAR WAYNESBORO (1)							19.1	19.4	140	2.397	89	2.18	7	16	03604000
	4.72	6.33	32.9	16.0	4.74	5.00	5.55	6.54	7.65	9.44	11.3	13.6	17.0	21.7		28.3	38.8		62.8
	4.31	5.81	33.8	16.1	4.45	4.80	5.37	6.36	7.43	9.19	11.1	13.4	16.9	22.4		29.6	40.0		65.5
	4.23	5.36	35.8	15.4	4.08	4.27	4.77	5.51	6.48	7.66	9.46	11.9	16.0	22.3		30.9	43.0		69.4
	0.70	*0.68*	*8.66*	*3.22*	*0.86*	*0.74*	*0.78*	*0.81*	*0.94*	*1.15*	*1.34*	*1.81*	*2.85*	*4.99*		*11.9*	*17.6*		*15.0*
1121	03603770	35°26′02″	87°41′15″	FORTYEIGHT CREEK AT TOPSY (1)							56.6	55.4	128	2.394	90	2.37	6	10	03604000
	14.0	18.7	97.4	47.4	14.1	14.8	16.5	19.4	22.7	28.0	33.4	40.3	50.3	64.2		83.8	115		186
	10.7	14.3	92.5	41.8	10.6	11.5	12.9	15.4	18.1	22.7	27.8	34.0	43.7	58.8		79.2	112		181
	11.4	14.7	105	45.8	11.0	11.6	13.0	15.3	18.4	22.2	27.9	35.5	47.9	66.8		91.7	127		203
	0.48	*0.49*	*7.06*	*3.03*	*0.51*	*0.50*	*0.54*	*0.59*	*0.68*	*0.82*	*0.98*	*1.46*	*2.25*	*3.12*		*8.31*	*15.7*		*13.2*
1122	03603850	35°19′18″	87°45′38″	GREEN RIVER AT WAYNESBORO (1)							22.8	23.4	140	2.399	83	2.71	13	21	03604000
	2.96	3.97	34.5	10.1	3.00	3.16	3.51	4.13	4.83	5.97	7.13	8.60	10.7	16.4		27.7	46.4		75.0
	4.92	6.72	41.2	19.3	5.13	5.56	6.23	7.39	8.64	10.7	13.0	15.9	20.2	26.8		35.7	48.7		80.2
	5.33	6.83	44.9	19.6	5.16	5.39	6.03	7.06	8.40	10.0	12.4	15.5	20.6	28.7		39.6	54.7		87.0
	0.67	*0.65*	*9.47*	*3.61*	*0.85*	*0.74*	*0.78*	*0.81*	*0.93*	*1.15*	*1.33*	*1.78*	*3.05*	*5.61*		*12.7*	*19.1*		*15.5*
1123	03603860	35°19′45″	87°45′40″	HURRICANE CREEK AT WAYNESBORO (1)							12.3	12.3	140	2.398	90	2.39	3	4	03604000
	1.98	2.96	21.2	10.3	2.00	2.16	2.50	3.14	3.91	5.26	6.74	8.75	10.9	13.9		18.2	25.0		40.5
	3.13	4.07	21.6	10.4	3.01	3.23	3.60	4.23	4.90	5.96	7.09	8.47	10.8	14.1		19.0	25.4		41.5
	2.71	3.45	22.9	9.74	2.61	2.73	3.05	3.53	4.15	4.89	6.03	7.59	10.2	14.2		19.8	27.6		44.3
	0.56	*0.57*	*8.32*	*3.29*	*0.51*	*0.43*	*0.47*	*0.56*	*0.80*	*1.22*	*1.56*	*2.04*	*2.65*	*4.90*		*9.92*	*14.1*		*13.2*
1124	03603900	35°25′49″	87°46′24″	GREEN RIVER NEAR TOPSY (1)							56.4	57.3	140	2.395	88	2.64	8	12	03604000
	9.91	13.4	97.0	35.5	10.1	10.7	11.9	14.0	16.4	20.3	24.3	29.3	40.0	56.2		83.5	115		185
	12.3	16.6	100	47.8	12.7	13.7	15.4	18.3	21.4	26.5	32.2	39.0	48.7	63.9		86.2	119		193
	13.6	17.3	110	49.8	13.2	13.8	15.4	18.0	21.4	25.5	31.5	39.5	52.4	72.3		98.4	134		213
	0.49	*0.50*	*7.47*	*2.76*	*0.47*	*0.46*	*0.49*	*0.53*	*0.61*	*0.73*	*0.88*	*1.33*	*2.06*	*2.96*		*8.08*	*16.5*		*15.4*
1125	03604045	35°34′20″	87°48′08″	HURRICANE CREEK AT LINDEN (1)							13.2	13.2	119	2.391	92	2.43	4	4	03604000
	3.29	4.33	22.7	11.0	3.28	3.46	3.84	4.52	5.29	6.53	7.80	9.39	11.7	15.0		19.5	26.8		43.4
	2.22	3.18	21.8	10.0	2.16	2.35	2.69	3.32	4.07	5.26	6.51	8.14	10.4	13.7		18.7	25.8		41.8
	2.37	3.13	24.5	10.1	2.29	2.43	2.75	3.23	3.89	4.71	5.98	7.72	10.5	15.0		21.0	29.6		47.7
	0.49	*0.50*	*8.37*	*3.46*	*0.47*	*0.40*	*0.44*	*0.54*	*0.76*	*1.17*	*1.55*	*2.07*	*2.85*	*5.24*		*10.1*	*15.5*		*14.7*
1126	03604050	35°37′15″	87°49′50″	BUFFALO RIVER AT LINDEN (1)							516	517	126	2.389	84	2.42	4	4	03604000
	126	169	888	432	128	135	150	177	207	255	305	367	458	585		764	1049		1697
	138	185	984	595	125	141	164	200	239	308	386	477	601	758		964	1274		1932
	112	144	1008	476	108	115	129	154	188	233	294	374	500	684		915	1227		1963
	0.98	*1.06*	*7.11*	*2.47*	*0.86*	*1.05*	*1.10*	*1.24*	*1.48*	*1.73*	*1.87*	*2.40*	*2.79*	*3.38*		*5.00*	*7.67*		*13.9*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1127	03604060	35°37′03″	87°49′23″	SHORT CREEK NEAR LINDEN (1)							7.34	7.54	87	2.389	94	2.60	4	4	03604000
	1.10	1.46	12.6	5.20	1.11	1.17	1.30	1.53	1.79	2.21	1.92	4.00	5.60	8.33		10.9	14.9		24.1
	0.69	1.01	12.9	5.06	0.67	0.75	0.87	1.09	1.38	1.90	2.55	3.66	5.18	7.55		10.9	15.4		26.0
	0.85	1.22	14.0	5.22	0.82	0.90	1.05	1.28	1.61	2.07	2.79	3.80	5.44	8.07		11.6	17.0		27.7
	0.42	*0.43*	*6.98*	*2.08*	*0.40*	*0.33*	*0.36*	*0.43*	*0.54*	*0.71*	*0.92*	*1.22*	*1.48*	*2.55*		*6.39*	*14.9*		*11.7*
1128	03604120	35°38′05″	87°48′15″	COON CREEK NEAR LINDEN (1)							21.0	20.6	103	2.389	91	2.21	4	4	03604000
	2.43	3.33	36.1	10.8	2.46	2.61	2.93	3.51	4.18	5.28	6.43	7.91	12.1	18.6		31.1	42.7		69.1
	1.80	2.73	33.8	11.9	1.78	1.97	2.28	2.89	3.71	5.14	6.86	9.21	13.1	19.2		28.1	41.6		68.3
	2.95	4.05	37.7	15.1	2.87	3.09	3.53	4.23	5.19	6.49	8.49	11.2	15.7	22.6		31.9	45.5		74.2
	0.52	*0.50*	*5.70*	*2.09*	*0.47*	*0.42*	*0.46*	*0.54*	*0.71*	*0.92*	*1.00*	*1.12*	*1.48*	*2.31*		*6.27*	*14.4*		*11.6*
1129	03604150	35°40′04″	87°47′36″	BRUSH CREEK NEAR CHESTNUT GROVE (1)							15.2	15.3	97	2.388	92	2.47	4	4	03604000
	2.76	3.67	26.1	10.5	2.79	2.94	3.27	3.85	4.51	5.57	6.67	8.50	11.5	16.0		22.5	30.9		50.0
	1.24	1.87	25.3	9.27	1.22	1.37	1.59	2.02	2.58	3.54	4.77	6.78	9.85	14.6		21.2	30.5		50.7
	2.05	2.86	28.3	11.2	1.99	2.15	2.47	2.99	3.71	4.69	6.19	8.27	11.6	16.9		23.9	34.3		55.8
	0.48	*0.48*	*8.54*	*2.11*	*0.42*	*0.37*	*0.41*	*0.47*	*0.59*	*0.78*	*1.01*	*1.19*	*1.53*	*2.69*		*7.86*	*15.9*		*11.3*
1130	03604180	35°36′50″	87°35′46″	EAST FORK CANE CREEK NR HOHENWALD (1)							15.2	15.2	140	2.388	75	2.34	7	7	03604000
	4.21	5.62	26.1	12.7	3.77	3.98	4.42	5.20	6.09	7.52	8.98	10.8	13.5	17.2		22.5	30.9		50.0
	2.96	4.02	26.3	11.8	2.95	3.20	3.59	4.27	5.05	6.34	7.78	9.67	12.5	16.9		22.8	31.2		51.4
	3.23	4.16	28.0	12.2	3.12	3.29	3.67	4.28	5.07	6.13	7.56	9.50	12.7	17.6		24.6	34.2		54.9
	0.57	*0.59*	*8.71*	*3.24*	*0.56*	*0.48*	*0.52*	*0.60*	*0.81*	*1.14*	*1.39*	*1.84*	*2.51*	*4.74*		*10.4*	*15.2*		*14.1*
1131	03604200	35°38′53″	87°39′39″	CANE CREEK AT FARMERS EXCHANGE (1)							45.1	45.2	127	2.387	77	2.30	8	11	03604400
	13.5	17.4	77.7	40.0	13.7	14.5	16.1	18.5	21.7	26.8	32.3	36.0	43.5	54.1		71.7	97.7		155
	8.03	10.7	75.7	33.1	7.96	8.64	9.67	11.4	13.5	17.1	21.0	26.1	34.6	47.7		64.3	90.8		150
	8.73	11.4	84.1	36.9	8.45	8.98	10.1	11.9	14.4	17.8	22.3	28.5	38.4	53.5		74.1	103		165
	0.83	*0.77*	*7.63*	*3.70*	*1.04*	*0.97*	*1.02*	*1.04*	*1.09*	*1.15*	*1.24*	*1.67*	*2.65*	*3.89*		*9.50*	*14.3*		*13.5*
1132	03604240	35°42′32″	87°46′30″	CANE CREEK NEAR BEARDSTOWN (1)							83.6	83.9	121	2.387	81	2.26	4	4	03604400
	21.2	27.4	143	68.2	21.4	22.7	25.1	28.9	33.7	41.4	49.8	60.4	76.2	99.6		132	180		285
	16.7	21.6	137	61.3	15.9	17.2	19.3	22.5	26.3	32.6	39.9	48.8	63.6	85.8		116	167		277
	15.7	20.6	157	69.3	15.1	16.1	18.2	21.7	26.3	32.6	41.5	53.2	72.1	101		138	191		308
	1.01	*0.88*	*9.28*	*3.38*	*1.16*	*1.15*	*1.23*	*1.23*	*1.29*	*1.38*	*1.50*	*1.97*	*2.66*	*3.71*		*10.4*	*21.0*		*18.0*
1133	03604600	36°03′19″	87°46′39″	BLUE CREEK AT HWY 13 NEAR WAVERLY (1)							24.8	24.2	133	2.348	81	2.69	4	17	03602500
	5.97	7.50	40.3	19.9	6.19	6.59	7.27	8.17	9.32	11.0	13.1	15.6	19.4	25.4		34.7	48.4		80.2
	4.85	6.09	39.2	17.8	4.57	4.89	5.42	6.18	7.19	8.79	10.8	13.3	17.5	24.4		34.3	48.7		78.3
	5.41	6.98	44.0	21.0	5.19	5.48	6.15	7.22	8.62	10.4	13.0	16.3	21.6	29.5		40.1	55.1		86.7
	0.48	*0.45*	*8.75*	*1.61*	*0.61*	*0.51*	*0.54*	*0.55*	*0.60*	*0.66*	*0.71*	*0.84*	*1.27*	*2.32*		*6.88*	*20.7*		*36.4*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1134	03604620	36°02′02″	87°49′16″	BLUE CREEK NEAR WAVERLY (1)							31.3	31.0	135	2.350	82	2.69	5	6	03602500
	8.48	10.3	50.9	25.1	7.82	8.32	9.18	10.3	11.8	13.9	16.5	19.6	24.5	32.1		43.8	61.1		101
	6.73	8.38	49.4	23.0	6.34	6.78	7.47	8.48	9.80	11.8	14.3	17.4	22.7	31.3		43.5	61.7		100
	7.14	9.15	56.6	27.2	6.85	7.21	8.08	9.48	11.3	13.7	16.9	21.3	28.0	38.2		51.7	70.7		111
	0.44	*0.40*	*9.74*	*1.61*	*0.52*	*0.46*	*0.49*	*0.50*	*0.55*	*0.62*	*0.68*	*0.82*	*1.23*	*2.24*		*6.90*	*19.7*		*31.8*
1137	03605200	36°06′20″	87°42′35″	TRACE CREEK AT GORMAN (0)							10.8	11.1	120	2.345	52	2.87	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	1.35	1.81	17.9	7.10	1.31	1.43	1.61	1.90	2.27	2.89	3.67	4.86	6.94	10.4		15.6	22.4		37.2
	1.88	2.60	20.1	9.17	1.82	1.97	2.25	2.72	3.34	4.35	5.50	7.04	9.43	13.1		18.4	25.8		40.8
	0.52	*0.52*	*3.27*	*1.88*	*0.61*	*0.50*	*0.53*	*0.56*	*0.65*	*0.78*	*0.84*	*1.04*	*1.33*	*2.82*		*6.77*	*16.4*		*25.6*
1138	03605500	36°05′10″	87°48′04″	TRACE CREEK AT WAVERLY (1)							20.1	20.5	121	2.348	66	2.81	6	10	03602500
	0.71	0.88	25.0	3.50	0.66	0.70	0.78	0.88	1.01	1.20	1.44	1.72	3.20	6.80		16.4	39.3		65.0
	2.84	3.68	32.3	13.0	2.66	2.89	3.25	3.80	4.48	5.67	7.15	9.18	12.6	18.2		27.1	40.1		67.0
	3.81	5.12	37.3	17.3	3.67	3.93	4.46	5.35	6.53	8.26	10.4	13.3	17.8	24.6		34.1	47.3		74.7
	0.47	*0.45*	*14.2*	*2.06*	*0.65*	*0.55*	*0.59*	*0.60*	*0.67*	*0.79*	*0.87*	*1.04*	*1.55*	*2.95*		*8.35*	*27.9*		*57.7*
1139	03605550	36°04′40″	87°52′09″	TRACE CREEK NEAR DENVER (1)							30.4	30.6	121	2.352	72	2.79	8	8	03602500
	1.61	2.01	49.5	8.60	1.47	1.59	1.78	2.04	2.37	2.87	3.53	4.30	8.10	17.2		42.5	59.4		98.3
	4.25	5.42	48.2	18.9	3.98	4.32	4.83	5.58	6.55	8.27	10.4	13.3	18.2	26.8		40.5	59.7		99.7
	5.87	7.84	56.3	26.2	5.66	6.05	6.85	8.20	9.99	12.5	15.9	20.2	27.0	37.3		51.3	70.8		112
	0.46	*0.44*	*10.8*	*2.01*	*0.63*	*0.56*	*0.60*	*0.61*	*0.68*	*0.77*	*0.83*	*0.99*	*1.47*	*2.70*		*9.50*	*24.6*		*28.2*
1140	03605720	36°10′16″	87°51′56″	BIG RICHLAND CREEK NR HALLS CREEK (1)							51.1	50.6	120	2.347	88	2.63	4	4	03602500
	11.3	13.4	83.1	36.8	10.5	11.1	12.2	13.7	15.6	18.2	21.6	27.0	35.0	48.5		71.5	99.8		165
	9.37	11.5	80.7	35.5	8.81	9.39	10.3	11.8	13.6	16.6	20.4	25.6	34.4	49.0		71.1	101		164
	10.2	13.4	92.3	43.8	9.82	10.4	11.8	14.0	16.9	20.8	26.4	33.7	45.0	61.9		83.8	115		182
	0.68	*0.59*	*15.2*	*2.75*	*0.92*	*0.85*	*0.88*	*0.87*	*0.93*	*1.05*	*1.18*	*1.46*	*1.96*	*3.49*		*10.4*	*15.0*		*23.6*
1141	03605810	36°08′45″	87°52′13″	LITTLE RICHLAND CREEK NEAR TRINITY (1)							18.0	17.9	120	2.348	94	2.60	4	4	03602500
	1.01	1.88	29.3	14.5	0.79	0.96	1.32	1.92	2.92	4.93	8.70	11.3	14.1	18.5		25.2	35.2		58.2
	2.65	3.37	27.0	11.0	2.45	2.65	2.97	3.47	4.06	5.03	6.30	8.01	10.6	15.1		22.8	33.7		56.0
	3.53	4.62	32.1	14.7	3.39	3.59	4.06	4.78	5.74	6.94	8.78	11.3	15.1	21.0		28.7	39.9		63.1
	0.48	*0.47*	*12.6*	*2.01*	*0.62*	*0.52*	*0.55*	*0.57*	*0.67*	*0.82*	*0.91*	*1.05*	*1.52*	*2.85*		*7.49*	*21.3*		*34.4*
1142	03605953	36°11′59″	87°39′11″	WHITEOAK CREEK NEAR SILVERTOP (1)							24.8	24.9	120	2.342	72	2.73	6	7	03602500
	2.88	3.82	36.6	13.5	2.59	2.83	3.25	3.83	4.61	5.81	7.47	9.50	13.0	19.1		29.5	48.4		80.2
	3.77	4.81	39.5	16.7	3.52	3.79	4.24	4.93	5.84	7.40	9.34	11.9	16.0	23.0		34.0	49.8		82.2
	4.72	6.31	45.1	21.2	4.54	4.86	5.51	6.59	8.01	10.1	12.7	16.3	21.7	30.0		41.2	57.0		90.0
	0.44	*0.42*	*16.1*	*1.74*	*0.60*	*0.52*	*0.55*	*0.56*	*0.63*	*0.73*	*0.81*	*0.92*	*1.34*	*2.60*		*8.50*	*20.2*		*46.5*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											Central and East Tennessee region--continued								
1143	03605968	36°14′22″	87°47′06″	WHITEOAK CREEK NEAR CONCORD (1)							54.5	56.1	120	2.343	84	2.66	7	13	03602500
	7.16	8.87	88.7	27.2	6.63	7.07	7.84	8.85	10.1	12.0	14.5	17.3	26.0	43.0		76.2	106		176
	10.4	12.9	89.7	39.8	9.88	10.6	11.6	13.3	15.3	18.8	23.1	29.1	39.1	54.7		78.4	111		182
	11.3	14.9	102	49.1	10.9	11.6	13.1	15.6	18.9	23.3	29.6	37.8	50.4	69.1		93.5	128		202
	0.71	*0.61*	*17.2*	*3.00*	*0.98*	*0.91*	*0.94*	*0.93*	*0.98*	*1.11*	*1.25*	*1.55*	*2.14*	*3.80*		*11.2*	*13.8*		*21.3*
1144	03606020	36°20′46″	87°51′03″	HURRICANE CREEK NR STEWART (1)							13.4	13.5	120	2.340	91	2.14	4	10	03436690
	1.78	2.14	19.5	8.30	1.79	1.88	2.07	2.32	2.62	3.38	4.23	5.51	7.46	11.0		16.3	23.8		40.6
	2.17	2.75	20.6	8.77	2.01	2.17	2.44	2.83	3.31	4.04	5.01	6.35	8.42	12.0		17.8	25.6		42.5
	2.50	3.26	23.1	10.5	2.39	2.55	2.87	3.36	4.00	4.86	6.15	7.90	10.6	14.8		20.4	28.7		45.8
	0.50	*0.51*	*3.08*	*1.73*	*0.59*	*0.49*	*0.52*	*0.54*	*0.64*	*0.77*	*0.83*	*0.99*	*1.23*	*2.43*		*6.43*	*17.8*		*29.6*
1145	03606125	36°26′13″	87°59′57″	STANDING ROCK CREEK NR FORT HENRY (1)							22.6	23.3	120	2.338	84	2.42	6	14	03602500
	2.31	2.91	31.0	8.60	2.12	2.28	2.56	2.93	3.42	4.14	5.09	6.22	8.06	13.5		23.3	44.2		73.1
	3.67	4.66	37.1	16.6	3.42	3.70	4.14	4.83	5.70	7.23	9.19	11.9	15.8	22.1		31.8	45.8		75.4
	4.47	5.88	41.1	19.3	4.29	4.57	5.16	6.10	7.34	9.03	11.4	14.6	19.6	27.0		37.0	51.4		81.6
	0.50	*0.49*	*6.23*	*1.50*	*0.64*	*0.54*	*0.58*	*0.58*	*0.65*	*0.76*	*0.84*	*0.91*	*1.18*	*1.84*		*4.36*	*14.9*		*50.4*
											West Tennessee Region								
991	03593115	35°05′33″	88°20′23″	LICK CREEK NEAR HAMBURG (1)							30.8	31.4	65	2.428	46	1.02	6	8	03593800
	2.99	3.70	33.0	8.23	2.77	2.97	3.24	3.85	4.66	5.74	6.62	7.69	9.34	11.9		23.9	54.5		84.4
	0.49	0.97	39.7	10.6	0.46	0.61	0.77	1.02	1.34	1.91	2.74	3.96	6.21	10.5		19.7	41.4		86.6
	0.57	1.06	42.1	11.4	0.53	0.69	0.85	1.12	1.42	2.05	2.94	4.00	5.41	9.82		24.0	49.2		90.7
	0.29	*0.44*	*8.29*	*2.34*	*0.36*	*0.33*	*0.38*	*0.39*	*0.40*	*0.40*	*0.43*	*0.54*	*0.83*	*1.23*		*1.58*	*2.30*		*10.3*
992	03593303	35°10′30″	88°23′20″	CLEAR CREEK NEAR WEST SHILOH (1)							9.74	9.80	65	2.416	51	1.25	6	8	03593800
	0.62	0.90	11.5	3.21	0.55	0.61	0.71	0.94	1.27	1.79	2.26	2.88	3.95	5.82		9.35	16.0		26.7
	0.31	0.56	13.1	3.85	0.30	0.37	0.45	0.57	0.72	0.94	1.27	1.73	2.56	4.09		7.13	13.9		27.0
	0.19	0.34	13.1	3.59	0.17	0.22	0.27	0.36	0.46	0.65	0.92	1.31	1.82	3.12		6.95	14.4		27.2
	0.23	*0.35*	*7.36*	*1.71*	*0.43*	*0.32*	*0.35*	*0.35*	*0.35*	*0.33*	*0.35*	*0.43*	*0.66*	*1.03*		*1.17*	*2.08*		*9.91*
993	03593307	35°08′30″	88°22′14″	OWL CREEK NEAR HURLEY (1)							33.2	33.2	65	2.418	40	1.12	4	4	03593800
	1.11	1.42	29.0	3.07	1.03	1.10	1.20	1.43	1.73	2.14	2.47	2.87	3.49	7.40		19.6	58.7		91.0
	0.38	0.82	40.3	10.2	0.36	0.50	0.64	0.87	1.15	1.67	2.48	3.68	5.88	10.2		19.5	41.8		88.4
	0.45	0.90	43.3	10.8	0.42	0.56	0.71	0.96	1.26	1.85	2.75	4.50	6.19	10.8		24.7	50.8		96.2
	0.28	*0.43*	*8.38*	*2.36*	*0.35*	*0.33*	*0.37*	*0.38*	*0.40*	*0.39*	*0.42*	*0.53*	*0.81*	*1.20*		*1.56*	*2.42*		*10.9*
1003	03594050	35°21′41″	88°27′14″	WHITE OAK CREEK NEAR ENVILLE (1)							7.40	7.44	126	2.407	64	1.92	3	4	03594058
	0.11	0.30	12.9	3.66	0.12	0.15	0.19	0.36	0.63	1.09	1.57	2.28	3.26	4.99		8.11	13.1		24.1
	0.57	0.86	10.6	3.74	0.55	0.64	0.73	0.90	1.11	1.42	1.84	2.31	3.05	4.35		6.80	11.5		21.1
	0.41	0.62	10.5	3.59	0.38	0.45	0.52	0.65	0.79	1.05	1.39	2.07	2.70	3.91		6.52	11.6		21.6
	0.25	*0.26*	*8.81*	*1.59*	*0.43*	*0.22*	*0.24*	*0.26*	*0.27*	*0.28*	*0.31*	*0.34*	*0.53*	*0.91*		*1.01*	*3.93*		*18.9*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
										West Tennessee region--continued									
1004	03594112	35°26′13″	88°22′19″	MIDDLETON CREEK NEAR CENTER POINT (1)							31.0	31.2	131	2.404	51	1.59	6	11	03593800
	2.23	3.25	38.1	10.3	2.01	2.23	2.54	3.30	4.39	6.01	7.43	9.30	12.5	18.5		30.8	54.8		84.9
	1.47	2.25	42.9	13.3	1.34	1.55	1.83	2.36	3.01	4.14	5.31	6.65	9.26	14.0		24.2	45.4		92.4
	1.33	2.20	42.7	13.8	1.23	1.52	1.81	2.32	2.87	3.93	5.39	8.38	11.0	16.1		28.7	50.4		95.4
	0.29	*0.33*	*11.3*	*2.05*	*0.35*	*0.25*	*0.28*	*0.31*	*0.33*	*0.35*	*0.37*	*0.40*	*0.60*	*0.95*		*1.21*	*3.13*		*17.4*
1005	035941245	35°22′18″	88°17′11″	FLATS CREEK NEAR SALTILLO (0)							4.82	4.87	65	2.407	30	0.97	1	--	--
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	0.08	0.21	6.00	1.48	0.08	0.12	0.16	0.23	0.30	0.40	0.59	0.82	1.19	2.01		3.69	7.19		12.0
	0.03	0.07	5.95	1.13	0.02	0.04	0.05	0.08	0.11	0.16	0.27	0.47	0.70	1.24		3.29	6.85		13.2
	0.17	*0.26*	*6.07*	*1.41*	*0.40*	*0.27*	*0.30*	*0.31*	*0.31*	*0.30*	*0.31*	*0.38*	*0.60*	*0.96*		*0.95*	*1.88*		*6.85*
1010	035941625	35°25′06″	88°09′31″	STEWMAN CREEK NEAR UNITY (1)							18.8	18.8	64	2.400	40	1.11	8	9	03593800
	1.22	1.75	25.9	5.92	1.08	1.21	1.38	1.81	2.44	3.38	4.22	5.32	7.21	11.5		20.2	33.3		51.5
	0.25	0.54	23.5	5.76	0.24	0.33	0.42	0.57	0.76	1.05	1.53	2.24	3.56	6.13		11.7	25.0		50.3
	0.23	0.47	24.0	5.90	0.21	0.29	0.37	0.51	0.66	0.98	1.46	2.25	3.30	5.49		12.8	26.8		53.2
	0.24	*0.36*	*7.67*	*1.75*	*0.34*	*0.28*	*0.31*	*0.32*	*0.33*	*0.32*	*0.35*	*0.43*	*0.66*	*1.04*		*1.31*	*2.64*		*11.8*
1017	03594422	35°37′44″	88°23′11″	BEECH R STATE HWY 104 NR LEXINGTON (1)							49.5	49.4	242	2.396	78	2.24	3	4	03594430
	10.9	13.5	71.8	25.8	10.7	11.4	11.9	13.4	14.9	17.2	19.5	21.7	24.5	27.9		40.2	80.7		122
	8.75	10.9	72.5	34.9	8.31	8.88	9.64	10.9	12.5	15.3	18.4	22.1	27.9	36.0		51.0	78.7		161
	8.84	10.7	73.2	34.1	8.18	8.80	9.43	11.0	12.5	15.6	18.9	24.6	30.8	38.8		54.0	84.7		160
	0.31	*0.33*	*14.4*	*2.55*	*0.39*	*0.22*	*0.22*	*0.25*	*0.27*	*0.33*	*0.41*	*0.51*	*0.85*	*1.44*		*1.81*	*3.02*		*16.4*
1018	03594424	35°38′34″	88°22′14″	OWL CREEK NR LEXINGTON (1)							2.50	2.52	250	2.395	85	2.42	4	4	03594430
	1.11	1.36	4.04	2.57	1.12	1.19	1.24	1.39	1.54	1.75	1.97	2.19	2.45	2.77		3.25	4.08		6.15
	0.47	0.65	3.85	1.99	0.45	0.50	0.56	0.67	0.80	0.98	1.20	1.42	1.70	2.12		2.82	3.87		7.43
	0.36	0.46	3.73	1.56	0.33	0.36	0.40	0.48	0.55	0.69	0.84	1.05	1.35	1.73		2.52	3.99		7.38
	0.18	*0.19*	*8.22*	*1.18*	*0.39*	*0.10*	*0.10*	*0.11*	*0.12*	*0.15*	*0.20*	*0.26*	*0.48*	*1.01*		*0.85*	*3.16*		*16.3*
1135	03604750	35°52′53″	88°08′39″	BIRDSONG CREEK AT HOLLADAY (1)							15.7	15.6	80	2.372	77	2.14	10	11	03606500
	0.34	0.55	22.1	7.47	0.28	0.34	0.41	0.55	0.77	1.30	2.02	3.13	4.92	7.79		14.0	23.2		49.5
	1.06	1.43	22.5	7.81	1.00	1.11	1.23	1.46	1.74	2.22	2.72	3.45	4.83	7.17		11.9	23.0		47.4
	0.97	1.33	21.7	8.43	0.89	1.02	1.13	1.37	1.59	2.10	2.66	3.57	5.19	6.95		10.6	21.2		44.8
	0.22	*0.34*	*9.20*	*1.99*	*0.37*	*0.28*	*0.32*	*0.33*	*0.33*	*0.32*	*0.35*	*0.44*	*0.70*	*1.13*		*1.34*	*2.95*		*15.4*
1136	03605060	36°02′07″	88°05′28″	CYPRESS CREEK AB HWY 70 NR CAMDEN (0)							17.6	17.8	65	2.360	49	1.51	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.36	0.68	23.3	6.28	0.34	0.44	0.55	0.71	0.92	1.27	1.76	2.47	3.81	6.33		11.7	24.4		49.0
	0.34	0.62	22.7	6.56	0.31	0.41	0.50	0.66	0.83	1.19	1.69	2.52	4.01	5.65		10.8	22.8		50.5
	0.25	*0.37*	*8.92*	*2.00*	*0.36*	*0.29*	*0.32*	*0.33*	*0.34*	*0.33*	*0.35*	*0.44*	*0.67*	*1.06*		*1.33*	*3.36*		*16.5*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
										West Tennessee region--continued									
1146	03606250	35°46′06″	88°21′50″	SCARCE CREEK AT WILDERSVILLE (1)							10.4	10.4	250	2.390	85	2.42	4	4	03606500
	1.54	1.91	14.7	6.80	1.41	1.53	1.68	1.96	2.30	2.97	3.70	4.57	5.60	7.00		10.4	15.4		32.8
	1.80	2.25	15.5	7.53	1.72	1.82	1.97	2.27	2.64	3.28	4.00	4.85	6.14	7.88		11.0	16.4		32.7
	1.82	2.21	15.4	7.01	1.67	1.81	1.94	2.28	2.59	3.22	3.88	4.84	6.21	7.70		10.7	16.9		32.0
	0.21	*0.23*	*10.6*	*1.35*	*0.35*	*0.12*	*0.12*	*0.14*	*0.15*	*0.19*	*0.24*	*0.29*	*0.54*	*1.12*		*1.45*	*4.62*		*17.5*
1147	03606280	35°46′57″	88°22′00″	BIG SANDY RIVER NEAR WILDERSVILLE (1)							41.4	41.5	225	2.389	77	2.22	5	7	03606500
	5.45	6.85	58.4	27.0	5.04	5.44	5.93	6.81	7.89	9.94	12.1	14.7	20.5	28.0		41.4	61.2		131
	5.95	7.52	60.6	27.2	5.62	6.05	6.62	7.60	8.82	11.0	13.5	16.5	21.4	28.3		41.3	65.7		135
	6.69	8.22	60.8	27.8	6.18	6.71	7.24	8.48	9.68	12.2	14.8	19.2	24.6	30.8		43.2	69.0		133
	0.31	*0.32*	*16.5*	*2.12*	*0.35*	*0.20*	*0.21*	*0.23*	*0.24*	*0.28*	*0.34*	*0.41*	*0.67*	*1.20*		*1.60*	*3.31*		*19.0*
1148	03606290	35°49′40″	88°23′23″	MUD CREEK NEAR CLARKSBURG (0)							11.3	11.1	143	2.388	63	1.64	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	0.81	1.21	15.9	5.59	0.77	0.89	1.02	1.25	1.54	2.00	2.57	3.25	4.43	6.46		10.3	17.0		32.0
	0.69	1.04	15.5	5.52	0.63	0.75	0.87	1.08	1.31	1.73	2.28	2.79	3.88	5.38		9.66	16.9		33.0
	0.27	*0.27*	*10.1*	*1.62*	*0.44*	*0.22*	*0.23*	*0.25*	*0.26*	*0.27*	*0.30*	*0.33*	*0.51*	*0.88*		*1.08*	*4.97*		*23.6*
1149	03606300	35°50′53″	88°20′38″	BIG SANDY RIVER AT YUMA (1)							88.2	88.2	218	2.386	74	2.05	4	4	03606500
	17.3	21.3	124	67.7	16.0	17.2	18.8	21.5	24.9	31.3	38.1	46.1	56.3	69.0		89.4	130		278
	14.0	17.6	130	61.4	13.3	14.3	15.6	17.8	20.4	25.1	30.5	37.0	46.8	61.2		87.7	140		292
	14.3	17.5	129	59.6	13.2	14.3	15.4	18.0	20.5	25.9	31.6	39.5	51.2	64.1		92.2	148		289
	0.42	*0.44*	*12.3*	*3.13*	*0.39*	*0.31*	*0.31*	*0.35*	*0.37*	*0.43*	*0.51*	*0.62*	*0.98*	*1.57*		*1.96*	*3.65*		*20.2*
1150	03606305	35°51′06″	88°19′43″	MORRIS CREEK NEAR YUMA (1)							11.3	11.3	250	2.385	84	2.27	4	4	03606500
	2.68	3.28	15.9	9.20	2.49	2.67	2.90	3.29	3.77	4.67	5.61	6.72	8.00	9.40		11.3	16.7		35.7
	1.90	2.42	16.8	8.11	1.78	1.93	2.11	2.44	2.86	3.57	4.36	5.28	6.66	8.55		11.9	17.8		35.5
	1.95	2.38	16.7	7.59	1.79	1.94	2.09	2.46	2.80	3.48	4.19	4.93	6.45	7.99		11.5	18.1		34.8
	0.19	*0.21*	*10.7*	*1.38*	*0.35*	*0.12*	*0.12*	*0.14*	*0.15*	*0.19*	*0.24*	*0.30*	*0.54*	*1.13*		*1.49*	*5.02*		*18.2*
1151	03606350	35°53′34″	88°18′32″	BIG SANDY RIVER AT WESTPORT (1)							110	110	225	2.383	76	2.07	13	19	03606500
	19.0	24.0	156	81.8	17.4	18.9	20.7	24.0	28.0	35.8	44.2	54.2	67.2	83.4		110	164		353
	17.7	22.2	163	76.3	16.9	18.1	19.7	22.4	25.7	31.6	38.4	46.6	59.3	78.0		112	180		371
	19.9	23.7	161	77.1	18.5	19.7	21.0	24.4	27.5	34.5	41.8	50.9	66.2	81.6		116	184		363
	0.41	*0.45*	*14.5*	*4.12*	*0.41*	*0.32*	*0.32*	*0.36*	*0.40*	*0.44*	*0.51*	*0.61*	*1.00*	*1.53*		*1.86*	*3.39*		*20.8*
1152	03606355	35°54′38″	88°19′25″	BACON CREEK NEAR WESTPORT (1)							13.9	13.8	217	2.383	74	1.92	4	4	03606500
	0.21	0.27	19.6	2.50	0.19	0.21	0.23	0.28	0.33	0.44	0.55	0.70	1.25	2.60		6.00	20.5		43.9
	1.75	2.31	20.5	8.84	1.62	1.79	1.98	2.34	2.79	3.59	4.45	5.47	7.23	9.78		14.3	21.7		42.4
	1.68	2.22	19.8	8.32	1.55	1.74	1.92	2.31	2.68	3.42	4.26	4.89	6.60	8.44		13.4	21.8		42.3
	0.22	*0.23*	*11.2*	*1.51*	*0.37*	*0.16*	*0.16*	*0.17*	*0.19*	*0.22*	*0.27*	*0.33*	*0.59*	*1.20*		*1.61*	*4.88*		*19.5*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
										West Tennessee region--continued									
1153	03606360	35°55′24″	88°17′55″	MAPLE CREEK NEAR WESTPORT (1)							11.6	11.7	250	2.382	84	2.17	4	4	03606500
	2.10	2.60	16.4	8.66	1.88	2.04	2.24	2.58	3.01	3.83	4.71	5.77	7.13	8.83		11.6	17.1		36.6
	1.95	2.49	17.3	8.35	1.84	1.99	2.17	2.51	2.94	3.68	4.49	5.44	6.86	8.81		12.3	18.3		36.7
	2.02	2.46	17.1	7.84	1.86	2.01	2.16	2.54	2.89	3.60	4.34	4.84	6.44	7.95		11.7	18.5		36.0
	0.19	*0.21*	*10.9*	*1.40*	*0.35*	*0.12*	*0.12*	*0.14*	*0.15*	*0.19*	*0.24*	*0.30*	*0.54*	*1.13*		*1.50*	*5.21*		*18.7*
1154	03606370	35°56′32″	88°15′06″	BLUNT CREEK NEAR GARRETTSBURG (1)							14.4	14.4	250	2.372	85	2.39	4	4	03606500
	0.91	1.15	19.8	6.00	0.83	0.91	1.00	1.17	1.38	1.80	2.26	2.81	4.10	6.30		10.6	21.3		45.5
	2.37	3.02	21.3	9.97	2.23	2.41	2.63	3.05	3.56	4.45	5.42	6.57	8.35	10.8		15.2	23.2		45.3
	2.65	3.18	21.1	9.92	2.44	2.62	2.80	3.28	3.71	4.60	5.52	6.47	8.74	10.3		14.2	22.5		44.8
	0.18	*0.19*	*11.3*	*1.38*	*0.32*	*0.12*	*0.12*	*0.14*	*0.15*	*0.19*	*0.24*	*0.30*	*0.54*	*1.12*		*1.52*	*5.03*		*20.8*
1155	03606502	36°02′54″	88°14′29″	CHERRY CREEK AT BRUCETON (1)							13.2	13.2	270	2.364	84	2.17	4	4	03606500
	1.41	1.79	18.0	6.20	1.30	1.40	1.53	1.76	2.04	2.57	3.13	3.81	4.66	6.60		10.2	19.5		41.7
	2.44	3.05	19.6	9.35	2.30	2.47	2.68	3.07	3.54	4.34	5.20	6.19	7.77	10.0		14.0	20.9		41.2
	2.46	2.97	19.2	9.05	2.26	2.44	2.61	3.06	3.48	4.31	5.18	5.43	7.60	8.84		12.9	20.2		41.2
	0.18	*0.19*	*11.3*	*1.36*	*0.31*	*0.11*	*0.11*	*0.12*	*0.13*	*0.17*	*0.22*	*0.28*	*0.51*	*1.07*		*1.41*	*5.09*		*22.0*
1156	03606507	36°03′48″	88°14′32″	ALLEN CREEK NEAR BRUCETON (1)							7.80	7.87	267	2.363	83	2.14	4	4	03606500
	1.21	1.51	11.0	5.40	1.11	1.21	1.32	1.51	1.76	2.22	2.71	3.30	4.20	5.60		7.80	11.5		24.6
	1.47	1.84	11.8	5.77	1.40	1.49	1.61	1.86	2.16	2.66	3.21	3.84	4.83	6.19		8.59	12.5		24.6
	1.31	1.63	11.4	5.16	1.20	1.31	1.42	1.69	1.93	2.40	2.91	3.03	4.28	5.01		7.49	11.8		24.0
	0.21	*0.22*	*12.0*	*1.39*	*0.34*	*0.11*	*0.11*	*0.12*	*0.14*	*0.17*	*0.22*	*0.28*	*0.52*	*1.12*		*1.36*	*5.46*		*21.6*
1157	03606554	36°09′31″	88°11′15″	BEAR CREEK NEAR SPRING CREEK (1)							26.5	26.5	221	2.358	86	2.13	4	4	03606500
	6.56	8.17	37.5	24.0	6.05	6.54	7.14	8.21	9.53	12.1	14.7	17.9	20.5	24.0		29.5	39.2		83.6
	3.79	4.80	38.9	17.9	3.55	3.83	4.20	4.84	5.67	7.25	9.07	11.3	14.9	19.7		28.5	44.6		88.6
	5.02	5.89	38.4	18.8	4.63	4.92	5.23	6.05	6.79	8.42	10.0	10.3	14.6	16.9		24.5	39.9		83.5
	0.19	*0.20*	*13.7*	*1.69*	*0.33*	*0.16*	*0.16*	*0.17*	*0.18*	*0.21*	*0.26*	*0.32*	*0.59*	*1.20*		*1.83*	*5.07*		*26.0*
1158	03607190	36°13′44″	88°15′50″	WEST SANDY CREEK NEAR VAN DYKE (1)							7.60	7.51	170	2.354	63	1.50	4	4	03606500
	3.91	4.89	16.6	12.7	3.62	3.90	4.25	4.87	5.63	7.06	8.59	10.4	11.6	13.0		14.5	17.1		24.0
	0.70	1.03	10.9	4.29	0.66	0.77	0.88	1.06	1.29	1.63	2.08	2.57	3.43	4.80		7.29	11.4		22.1
	0.50	0.75	10.2	3.74	0.46	0.55	0.63	0.79	0.96	1.26	1.66	1.66	2.56	3.24		6.11	10.5		22.3
	0.23	*0.23*	*15.3*	*1.97*	*0.44*	*0.19*	*0.20*	*0.21*	*0.22*	*0.24*	*0.29*	*0.35*	*0.57*	*1.04*		*1.16*	*5.94*		*24.1*
1159	03607200	36°15′37″	88°12′10″	WEST SANDY CREEK NEAR SPRINGVILLE (1)							47.9	48.2	213	2.353	73	1.70	7	11	03606500
	12.7	15.0	67.5	38.8	11.9	12.7	13.6	15.2	17.1	20.6	24.3	28.4	33.4	39.4		48.7	70.8		151
	6.40	8.26	70.8	31.6	5.98	6.55	7.19	8.33	9.74	12.4	15.3	18.7	24.3	32.4		47.3	75.4		157
	6.82	8.63	68.0	31.0	6.31	6.94	7.55	8.93	10.3	13.0	16.1	15.5	22.9	27.1		44.2	72.4		155
	0.29	*0.30*	*22.7*	*2.67*	*0.37*	*0.23*	*0.23*	*0.25*	*0.26*	*0.30*	*0.36*	*0.44*	*0.73*	*1.30*		*1.78*	*4.25*		*25.1*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											West Tennessee region--continued								
1160	03607230	36°19′56″	88°13′25″	HOLLEY FORK CREEK NEAR NOBLES (1)							32.8	32.7	205	2.350	67	1.49	7	16	03606500
	5.77	7.15	46.2	24.5	5.33	5.78	6.32	7.30	8.51	10.8	13.3	16.3	20.2	25.0		32.8	48.5		104
	3.69	4.85	47.5	20.0	3.37	3.77	4.17	4.89	5.78	7.45	9.28	11.4	15.2	20.7		31.0	49.4		103
	3.52	4.78	45.2	19.1	3.26	3.69	4.12	4.98	5.84	7.53	9.56	8.76	13.4	16.2		29.0	47.9		103
	0.29	*0.30*	*23.3*	*2.67*	*0.40*	*0.23*	*0.23*	*0.25*	*0.26*	*0.30*	*0.36*	*0.44*	*0.74*	*1.33*		*1.67*	*4.12*		*23.8*
1161	03607265	36°18′51″	88°17′15″	BAILEY FORK CREEK NEAR PARIS (1)							14.3	14.8	324	2.351	92	2.06	3	4	03606500
	4.98	6.00	21.1	15.0	4.63	4.96	5.36	6.06	6.92	8.51	10.2	12.1	13.5	15.3		17.8	21.1		45.1
	3.54	4.18	21.6	11.1	3.30	3.51	3.77	4.15	4.65	5.56	6.58	7.74	9.49	11.7		15.6	23.4		47.0
	3.86	4.34	21.7	11.2	3.55	3.70	3.89	4.46	4.97	6.03	7.05	6.12	8.85	9.85		14.6	22.4		46.9
	0.18	*0.19*	*12.2*	*1.33*	*0.24*	*0.07*	*0.07*	*0.09*	*0.10*	*0.13*	*0.17*	*0.23*	*0.44*	*0.96*		*1.36*	*5.15*		*26.0*
1162	07024200	36°03′52″	88°24′17″	CROOKED CREEK NEAR HUNTINGDON (1)							26.5	26.2	341	2.359	63	1.55	6	10	03606500
	7.33	8.24	37.4	19.8	7.00	7.33	7.71	8.36	9.13	10.5	11.8	13.2	16.3	20.2		26.5	39.2		83.6
	4.99	5.83	37.9	17.1	4.73	4.98	5.26	5.74	6.34	7.40	8.43	9.57	12.4	16.8		24.8	36.8		77.5
	3.36	4.64	36.5	15.4	3.10	3.55	3.98	4.86	5.76	7.36	9.40	9.17	13.3	15.7		27.3	41.2		84.6
	0.17	*0.18*	*12.3*	*1.27*	*0.19*	*0.06*	*0.06*	*0.07*	*0.09*	*0.11*	*0.15*	*0.19*	*0.37*	*0.78*		*1.08*	*3.12*		*21.3*
1163	07024250	36°05′24″	88°25′07″	GUINS CREEK NEAR HUNTINGDON (1)							43.5	43.6	242	2.358	81	1.99	4	8	03606500
	4.92	6.63	61.3	32.5	4.38	4.91	5.57	6.82	8.48	11.9	16.0	21.3	26.7	33.1		43.5	64.3		137
	7.32	9.12	63.9	30.1	6.95	7.45	8.09	9.21	10.6	13.0	15.8	18.9	24.0	31.3		44.7	69.9		143
	8.30	9.84	62.8	30.7	7.67	8.19	8.73	10.1	11.4	14.2	17.1	17.2	24.5	28.4		41.9	67.0		140
	0.25	*0.26*	*20.1*	*2.31*	*0.33*	*0.18*	*0.18*	*0.19*	*0.21*	*0.25*	*0.31*	*0.39*	*0.66*	*1.21*		*1.67*	*3.98*		*22.4*
1164	07024310	36°00′23″	88°27′17″	ROCK CREEK NEAR HUNTINGDON (0)							4.51	4.48	350	2.359	71	1.70	1	--	--
	--	--	--	--	--	--	--	--	--	--	--	--	--	--		--	--		--
	1.22	1.49	6.93	3.53	1.17	1.25	1.34	1.49	1.68	1.94	2.22	2.48	3.02	3.80		5.11	6.86		13.4
	0.58	0.80	6.32	2.60	0.54	0.61	0.69	0.84	1.00	1.26	1.59	1.48	2.17	2.57		4.46	6.75		13.7
	0.20	*0.20*	*9.19*	*1.13*	*0.30*	*0.06*	*0.06*	*0.07*	*0.08*	*0.11*	*0.16*	*0.20*	*0.39*	*0.86*		*0.83*	*4.56*		*20.1*
1165	07024330	36°05′58″	88°29′10″	CLEAR CREEK NEAR MCKENZIE (1)							9.99	10.1	336	2.357	85	2.41	4	4	07024500
	1.10	1.32	15.3	5.70	1.04	1.11	1.20	1.31	1.47	1.73	2.05	2.49	3.70	6.10		11.1	18.4		37.8
	2.66	3.14	14.9	7.59	2.49	2.64	2.83	3.12	3.49	4.06	4.66	5.30	6.36	7.94		10.7	15.5		31.4
	2.13	2.55	14.6	7.03	1.96	2.10	2.25	2.64	2.99	3.68	4.40	4.79	6.70	7.39		10.1	15.3		31.4
	0.18	*0.19*	*12.0*	*1.27*	*0.26*	*0.07*	*0.06*	*0.08*	*0.09*	*0.12*	*0.17*	*0.22*	*0.43*	*0.93*		*1.17*	*4.46*		*22.7*
1166	07024350	36°04′28″	88°33′48″	SF OBION RIVER NEAR MCKENZIE (1)							204	204	310	2.356	72	1.77	2	19	07024500
	58.9	71.5	325	194	55.9	59.7	64.3	70.3	78.4	92.1	109	132	166	200		260	376		771
	48.5	59.6	312	155	46.6	49.3	53.7	60.0	68.1	81.8	97.2	117	143	180		238	374		736
	44.7	52.6	293	149	41.5	44.2	47.0	54.2	61.3	76.4	92.6	91.9	129	146		220	334		703
	0.51	*0.58*	*12.6*	*5.14*	*0.29*	*0.27*	*0.27*	*0.33*	*0.37*	*0.46*	*0.54*	*0.67*	*0.98*	*1.46*		*1.92*	*4.31*		*22.1*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
										West Tennessee region--continued									
1167	07024400	36°03′30″	88°34′45″	REEDY CREEK NEAR TREZEVANT (1)							55.7	55.3	272	2.357	83	2.11	5	10	07024500
	4.51	5.72	71.0	23.5	4.22	4.58	5.02	5.60	6.41	7.81	9.60	12.2	16.2	25.0		43.0	103		211
	11.2	13.7	81.2	39.9	10.6	11.3	12.2	13.7	15.6	19.0	22.7	27.2	34.0	43.1		59.7	91.8		186
	12.4	14.3	80.3	40.9	11.5	12.1	12.8	14.7	16.4	20.3	24.1	24.6	34.6	39.1		55.1	86.3		181
	0.25	*0.27*	*20.0*	*2.33*	*0.28*	*0.15*	*0.15*	*0.17*	*0.19*	*0.24*	*0.29*	*0.36*	*0.63*	*1.17*		*1.64*	*4.02*		*22.7*
1168	07024700	36°16′16″	88°30′34″	MIDDLE FORK OBION RIVER NEAR COMO (1)							67.6	67.6	333	2.352	95	1.98	4	6	07024500
	26.4	29.1	104	49.8	25.7	26.5	27.5	28.7	30.3	32.7	35.5	38.9	43.6	50.3		60.2	125		256
	18.9	22.5	97.9	52.1	17.8	18.9	20.4	22.6	25.3	29.8	34.9	41.3	49.9	60.0		77.6	116		226
	24.1	24.9	100	57.7	22.2	22.4	22.8	25.4	27.6	33.1	37.8	31.2	44.2	48.9		70.6	107		225
	0.31	*0.34*	*15.4*	*2.76*	*0.24*	*0.13*	*0.12*	*0.15*	*0.17*	*0.22*	*0.28*	*0.35*	*0.63*	*1.14*		*1.64*	*3.77*		*21.1*
1169	07024720	36°15′17″	88°38′31″	M FORK OBION R NR ST HWY 22, DRESDEN (1)							137	135	244	2.352	75	1.69	5	19	07024500
	47.3	54.1	210	123	45.5	47.7	50.4	53.8	58.3	65.5	74.1	85.2	101	125		165	253		518
	25.4	31.3	200	97.2	24.2	25.9	28.0	31.5	35.8	43.4	52.0	62.7	77.7	99.8		138	222		459
	26.0	30.8	193	96.3	24.1	25.7	27.4	31.6	35.8	44.7	54.2	50.1	72.8	84.3		133	211		453
	0.63	*0.71*	*14.1*	*6.61*	*0.53*	*0.44*	*0.45*	*0.53*	*0.59*	*0.67*	*0.74*	*0.88*	*1.19*	*1.69*		*2.02*	*4.43*		*25.0*
1170	07024750	36°10′52″	88°34′22″	SPRING CREEK NEAR MCKENZIE (1)							34.2	34.2	267	2.354	83	2.11	3	6	07024500
	7.25	8.55	52.5	25.8	6.80	7.25	7.80	8.51	9.47	11.1	13.0	15.7	19.7	26.3		37.9	63.0		129
	6.23	7.63	50.4	24.2	5.89	6.29	6.81	7.66	8.73	10.6	12.8	15.4	19.6	25.3		35.9	55.3		114
	7.08	8.30	49.4	24.5	6.54	6.95	7.38	8.54	9.61	11.9	14.2	14.4	20.5	23.2		33.2	52.2		110
	0.24	*0.26*	*21.5*	*2.03*	*0.31*	*0.14*	*0.14*	*0.16*	*0.18*	*0.21*	*0.26*	*0.32*	*0.61*	*1.24*		*1.79*	*4.49*		*26.6*
1171	07024760	36°11′24″	88°45′53″	SPRING CREEK NEAR GREENFIELD (1)							93.4	93.4	187	2.354	65	1.66	14	22	07024500
	15.2	18.2	143	62.0	14.4	15.4	16.5	18.0	20.0	23.4	27.6	33.2	41.7	65.0		103	172		353
	11.3	15.1	137	62.3	10.4	11.6	13.0	15.2	17.9	23.1	28.7	35.5	45.7	60.6		87.5	140		297
	10.3	13.8	129	56.1	9.59	10.8	11.9	14.3	16.7	21.6	27.3	29.4	43.3	51.9		84.4	141		304
	0.43	*0.44*	*14.2*	*4.25*	*0.45*	*0.37*	*0.38*	*0.40*	*0.43*	*0.48*	*0.56*	*0.69*	*1.11*	*1.75*		*2.19*	*4.57*		*25.1*
1172	07024770	36°12′12″	88°49′18″	MIDDLE FORK OBION RIVER NEAR SHARON (1)							286.	286	197	2.354	67	1.59	2	4	07024500
	61.3	73.8	439	216	56.9	60.6	65.3	71.2	79.2	92.6	109	131	165	220		317	527		1081
	48.3	59.6	412	199	46.3	49.6	53.4	60.2	68.8	84.0	101	122	152	199		282	458		957
	41.4	51.6	401	190	38.5	42.1	45.5	53.2	61.0	78.0	96.8	97.7	142	169		272	448		970
	0.57	*0.64*	*19.4*	*11.1*	*0.58*	*0.68*	*0.68*	*0.79*	*0.85*	*0.92*	*0.99*	*1.20*	*1.60*	*2.16*		*2.59*	*4.62*		*22.8*
1173	07024800	36°14′45″	88°58′28″	OBION R NR KENTON (1)							752	752	205	2.355	70	1.70	7	21	07025500
	153	170	959	440	143	156	160	169	186	214	242	278	330	395		465	837		2160
	135	162	1043	520	129	137	146	163	185	225	269	326	410	542		768	1225		2539
	142	166	1069	549	133	141	149	170	191	241	293	303	431	501		747	1217		2642
	0.60	*0.78*	*30.2*	*12.4*	*0.35*	*0.65*	*0.68*	*0.86*	*1.07*	*1.47*	*1.98*	*2.66*	*3.44*	*4.01*		*5.51*	*9.16*		*33.4*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											West Tennessee region--continued								
1174	07024900	35°56′48″	88°42′49″	RUTHERFORD FORK OBION RIVER NR MILAN (1)							110	108	217	2.390	80	2.06	4	8	07028500
	12.9	16.4	149	72.0	12.1	13.1	14.9	18.3	20.5	23.8	27.2	30.8	36.2	45.0		61.0	97.0		274
	16.3	20.5	158	72.9	15.6	16.7	18.2	20.8	24.0	29.5	35.9	43.8	56.3	74.5		108	175		362
	21.4	24.7	161	78.7	19.8	20.9	22.1	25.3	28.4	35.4	42.4	50.2	64.0	80.8		115	185		357
	0.41	*0.44*	*14.2*	*4.07*	*0.43*	*0.34*	*0.34*	*0.38*	*0.41*	*0.46*	*0.52*	*0.63*	*1.02*	*1.56*		*1.88*	*3.26*		*19.6*
1175	07025050	36°07′46″	88°58′28″	RUTHERFORD FORK OBION R AT RUTHERFORD (1)							238	237	155	2.358	77	1.94	2	5	07025000
	15.9	19.8	285	115	15.0	16.4	17.7	20.8	23.3	28.2	33.7	42.2	54.7	75.1		114	230		613
	35.2	43.1	327	157	33.1	36.0	38.9	44.3	50.3	60.7	71.9	85.9	105	135		191	314		731
	38.0	44.5	338	167	35.3	37.5	39.8	45.5	51.1	64.6	78.1	86.2	123	146		211	364		785
	0.64	*0.70*	*20.8*	*12.2*	*0.82*	*0.91*	*0.94*	*1.05*	*1.10*	*1.12*	*1.16*	*1.36*	*1.78*	*2.36*		*2.69*	*4.47*		*23.7*
1176	07025100	36°12′20″	88°59′55″	RUTHERFORD FORK OBION R AT KENTON (1)							267	266	141	2.357	73	1.85	6	20	07025500
	13.7	16.6	340	124	12.1	14.3	14.9	16.5	19.5	25.2	31.5	40.4	55.2	82.1		137	297		767
	36.3	45.1	373	177	34.4	37.5	40.7	46.6	53.4	65.6	79.0	95.8	120	156		222	364		829
	36.0	43.6	375	179	33.5	36.1	38.7	44.7	50.7	64.8	79.4	88.9	129	155		230	403		880
	0.64	*0.73*	*21.4*	*14.1*	*0.85*	*0.98*	*1.02*	*1.16*	*1.25*	*1.28*	*1.29*	*1.43*	*1.69*	*1.99*		*2.30*	*3.91*		*22.6*
1177	07025200	36°16′42″	88°59′01″	MUD CREEK NEAR SIDONIA (1)							73.8	73.8	40	2.354	43	1.12	5	9	07024500
	1.12	1.48	74.0	11.4	1.02	1.14	1.28	1.48	1.76	2.28	2.98	4.06	5.90	12.5		33.0	136		279
	0.58	1.20	89.3	24.4	0.55	0.75	0.95	1.22	1.57	2.32	3.45	5.22	8.61	15.6		31.5	78.7		191
	0.62	1.24	89.8	23.2	0.58	0.78	0.98	1.31	1.69	2.54	3.77	5.42	9.43	14.9		33.5	86.0		205
	0.27	*0.43*	*10.1*	*3.82*	*0.41*	*0.48*	*0.55*	*0.57*	*0.58*	*0.58*	*0.62*	*0.77*	*1.04*	*1.38*		*1.88*	*3.97*		*16.3*
1178	07025300	36°26′46″	88°27′57″	NORTH FORK OBION RIVER AT JONES MILL (1)							83.7	83.6	169	2.346	98	2.07	17	24	07024500
	24.3	28.5	135	77.0	23.1	24.5	26.3	28.6	31.6	36.6	42.8	51.0	63.3	79.0		105	154		316
	7.91	10.1	115	49.5	7.78	8.28	8.93	10.5	12.4	15.9	20.2	26.1	36.5	50.3		78.5	128		269
	20.7	21.7	122	67.8	19.1	19.3	19.8	22.0	23.9	29.2	33.5	29.6	43.8	50.0		71.1	122		269
	0.42	*0.45*	*14.4*	*4.13*	*0.43*	*0.34*	*0.36*	*0.40*	*0.42*	*0.47*	*0.54*	*0.65*	*1.04*	*1.63*		*1.98*	*4.25*		*26.1*
1179	07025350	36°24′16″	88°43′07″	CYPRESS CREEK NEAR LATHAM (1)							36.7	36.8	73	2.348	65	1.71	4	9	07025500
	0.45	0.50	46.8	7.30	0.42	0.46	0.47	0.50	0.55	0.63	0.72	0.83	1.55	3.30		8.70	40.8		105
	1.36	2.09	50.8	16.8	1.28	1.51	1.75	2.19	2.75	3.78	4.99	6.71	9.88	15.5		26.8	52.0		110
	1.64	2.42	48.9	18.0	1.51	1.79	2.04	2.51	2.99	4.05	5.32	6.48	10.4	13.5		23.0	47.3		108
	0.28	*0.45*	*11.1*	*2.85*	*0.33*	*0.31*	*0.35*	*0.37*	*0.38*	*0.39*	*0.42*	*0.54*	*0.84*	*1.28*		*1.78*	*4.27*		*19.9*
1180	07025400	36°24′20″	88°51′20″	NORTH FORK OBION RIVER NEAR MARTIN (1)							372	369	127	2.349	70	1.65	6	22	07025500
	71.4	79.8	474	243	65.0	71.4	73.0	77.5	85.3	98.4	112	129	153	192		257	414		1069
	47.1	58.4	515	241	44.5	48.5	52.4	60.0	68.8	84.4	101	124	156	208		299	495		1157
	44.1	54.5	512	241	41.1	44.8	48.2	55.9	63.7	82.2	102	106	159	192		303	545		1225
	0.53	*0.65*	*21.9*	*13.9*	*0.81*	*1.03*	*1.07*	*1.25*	*1.41*	*1.56*	*1.71*	*1.92*	*2.23*	*2.53*		*3.16*	*5.56*		*26.1*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
										West Tennessee region--continued									
1181	07025900	36°16′36″	89°03′36″	OBION RIVER NEAR RIVES (1)							1735	1738	145	2.355	64	1.57	5	14	07026000
	264	342	2579	1358	245	257	279	320	375	478	591	724	940	1329		2006	3062		6762
	246	308	2452	1173	234	253	273	311	366	467	581	732	965	1333		1971	3105		6235
	239	290	2422	1187	223	241	258	297	337	435	541	595	859	1035		1596	2769		6140
	0.57	*0.72*	*24.0*	*13.0*	*0.38*	*0.92*	*0.97*	*1.16*	*1.37*	*1.71*	*2.06*	*2.44*	*2.77*	*3.03*		*4.69*	*8.49*		*30.6*
1182.	07026030	36°15′43″	89°12′44″	RICHLAND CREEK NEAR OBION (1)							17.7	17.5	32	2.357	71	1.17	6	11	07028500
	0.68	0.90	25.0	8.70	0.64	0.69	0.80	1.00	1.13	1.32	1.53	1.75	2.30	3.30		6.10	17.0		44.0
	0.00	0.34	23.7	6.44	0.00	0.00	0.00	0.33	0.41	0.55	0.71	0.99	1.61	3.01		6.48	20.4		47.1
	0.00	0.23	22.0	6.20	0.00	0.00	0.00	0.24	0.29	0.42	0.58	0.63	1.18	2.13		5.15	17.0		42.4
	0.23	*0.35*	*9.78*	*2.48*	*0.47*	*0.43*	*0.49*	*0.49*	*0.49*	*0.47*	*0.48*	*0.57*	*0.84*	*1.26*		*1.61*	*3.91*		*17.1*
1183	07026100	36°10′48″	89°15′15″	REEDS CREEK NEAR TRIMBLE (1)							51.8	52.3	32	2.362	46	1.07	12	18	07024500
	0.73	0.97	42.0	7.30	0.69	0.76	0.86	0.98	1.16	1.49	1.92	2.58	3.70	8.00		20.0	95.5		196
	0.19	0.42	61.2	15.4	0.18	0.25	0.32	0.41	0.53	0.80	1.20	1.88	3.34	6.68		15.4	49.5		128
	0.19	0.39	62.2	14.1	0.17	0.24	0.31	0.41	0.53	0.84	1.26	1.95	3.58	6.57		16.2	53.2		132
	0.26	*0.41*	*10.1*	*3.90*	*0.47*	*0.53*	*0.61*	*0.62*	*0.64*	*0.63*	*0.67*	*0.82*	*1.10*	*1.44*		*1.85*	*3.68*		*14.9*
1184.	07027100	36°18′36″	89°23′08″	PAW PAW CREEK AT PUSH (1)							14.8	15.0	32	2.352	92	1.27	5	10	07029000
	0.39	0.46	20.9	4.00	0.37	0.38	0.40	0.46	0.50	0.59	0.69	0.82	1.27	2.50		4.90	18.5		47.3
	0.00	0.48	22.1	6.84	0.00	0.00	0.00	0.47	0.55	0.72	0.85	1.12	1.74	3.07		6.25	19.0		42.2
	0.00	0.29	19.6	6.47	0.00	0.00	0.00	0.29	0.34	0.49	0.63	0.57	1.07	1.88		4.32	14.3		36.2
	0.20	*0.31*	*9.60*	*2.35*	*0.45*	*0.40*	*0.45*	*0.46*	*0.46*	*0.44*	*0.45*	*0.54*	*0.81*	*1.21*		*1.52*	*3.71*		*14.7*
1185	07027200	36°02′55″	89°33′22″	OBION RIVER AT MENGELWOOD (1)							2405	2405	113	2.357	62	1.48	5	5	07026000
	362	465	3572	1882	339	356	387	443	519	662	818	1003	1303	1841		2779	4242		9368
	269	336	3275	1477	258	278	298	341	404	528	666	853	1141	1630		2474	4117		8605
	266	331	3321	1574	250	273	294	339	387	506	636	712	1036	1298		2075	3776		8438
	0.56	*0.71*	*23.6*	*14.6*	*0.46*	*1.13*	*1.20*	*1.40*	*1.61*	*1.92*	*2.28*	*2.61*	*2.93*	*2.96*		*4.69*	*6.96*		*24.0*
1186	07027270	35°24′02″	88°34′54″	TAR CREEK AT OAK GROVE (1)							16.4	16.5	250	2.405	80	2.23	6	11	07030240
	2.89	3.29	24.2	9.30	2.61	2.78	3.02	3.14	3.35	3.74	4.02	4.34	5.40	6.60		12.4	16.0		37.9
	2.55	3.24	24.3	11.1	2.40	2.59	2.82	3.26	3.80	4.75	5.78	6.99	9.00	11.9		17.0	26.0		52.2
	2.70	3.35	24.6	10.9	2.49	2.71	2.93	3.46	3.96	4.95	6.02	7.75	9.54	12.5		18.0	28.2		51.5
	0.20	*0.21*	*9.37*	*1.24*	*0.33*	*0.13*	*0.13*	*0.14*	*0.15*	*0.19*	*0.23*	*0.29*	*0.53*	*1.08*		*1.45*	*3.81*		*16.7*
1187	07027280	35°28′16″	88°31′21″	JACKS CREEK AT JACKS CREEK (1)							17.9	17.9	250	2.402	82	2.31	13	20	03606500
	0.97	1.39	25.2	11.0	0.84	0.96	1.12	1.43	1.85	2.78	3.94	5.55	7.92	11.3		18.0	26.5		56.5
	2.81	3.57	26.4	12.2	2.64	2.85	3.11	3.59	4.19	5.25	6.40	7.75	9.93	13.0		18.6	28.5		57.3
	3.14	3.83	26.8	12.1	2.90	3.13	3.36	3.95	4.49	5.59	6.75	8.71	10.7	13.9		19.5	30.5		56.2
	0.20	*0.21*	*9.45*	*1.25*	*0.32*	*0.13*	*0.13*	*0.14*	*0.15*	*0.19*	*0.23*	*0.29*	*0.53*	*1.08*		*1.48*	*3.96*		*17.0*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											West Tennessee region--continued								
1188	07027290	35°25′53″	88°38′26″	SUGAR CREEK AT HENDERSON (1)							39.9	40.0	121	2.403	57	1.62	4	4	07027500
	0.71	0.90	58.5	26.8	0.67	0.72	0.79	0.91	1.07	2.20	4.50	9.20	22.2	29.8		42.3	67.4		152
	2.01	2.99	55.4	17.8	1.86	2.15	2.51	3.17	4.04	5.56	7.19	9.16	12.8	19.2		32.7	60.8		121
	2.11	3.25	55.6	19.4	1.96	2.35	2.73	3.41	4.13	5.57	7.43	10.7	14.1	20.5		36.1	64.4		123
	0.30	*0.33*	*12.7*	*2.27*	*0.37*	*0.29*	*0.32*	*0.35*	*0.37*	*0.38*	*0.41*	*0.44*	*0.65*	*1.03*		*1.33*	*3.28*		*18.2*
1189	07027300	35°26′56″	88°36′16″	S FORK FORKED DEER R NR HENDERSON (1)							160	160	217	2.403	73	2.06	8	14	07027500
	29.1	36.0	235	104	27.8	29.7	32.2	36.1	41.8	51.0	62.7	77.2	89.0	115		170	270		610
	27.1	33.7	232	111	25.9	27.7	30.0	34.1	39.1	47.8	57.6	69.8	87.2	113		159	256		530
	27.4	33.0	237	111	25.4	27.3	29.2	33.9	38.5	48.5	59.2	79.6	97.2	127		180	285		535
	0.62	*0.69*	*13.6*	*6.10*	*0.61*	*0.56*	*0.56*	*0.64*	*0.70*	*0.76*	*0.82*	*0.96*	*1.27*	*1.71*		*2.04*	*3.28*		*15.9*
1190	07027352	35°29′18″	88°41′07″	TURKEY CREEK NEAR PINSON (1)							19.8	19.5	121	2.402	48	1.41	4	4	07027500
	1.23	1.48	29.0	8.10	1.17	1.25	1.35	1.50	1.72	2.08	2.52	3.07	5.40	9.90		21.0	33.4		75.4
	0.92	1.55	26.6	8.36	0.85	1.03	1.25	1.63	2.07	2.78	3.70	4.71	6.46	9.59		16.0	28.6		56.0
	0.64	1.12	26.3	7.91	0.59	0.75	0.91	1.19	1.50	2.08	2.92	4.30	5.84	8.73		17.1	30.6		58.3
	0.27	*0.29*	*8.94*	*1.71*	*0.36*	*0.24*	*0.26*	*0.29*	*0.30*	*0.32*	*0.35*	*0.38*	*0.57*	*0.91*		*1.15*	*3.43*		*18.4*
1191	07027400	35°34′08″	88°32′44″	MIDDLE FORK CREEK NEAR LURAY (1)							21.5	21.2	250	2.399	85	2.42	7	15	07027500
	10.0	11.3	31.8	21.1	9.77	10.1	10.6	11.2	12.1	13.5	15.1	16.8	19.0	22.3		26.8	36.3		81.9
	3.38	4.29	31.1	14.5	3.18	3.44	3.75	4.33	5.05	6.31	7.69	9.36	11.9	15.5		22.0	33.9		67.7
	4.11	4.86	31.8	14.9	3.79	4.04	4.31	5.00	5.64	6.98	8.35	10.8	13.3	16.9		22.9	35.9		66.7
	0.20	*0.21*	*9.53*	*1.25*	*0.30*	*0.13*	*0.12*	*0.14*	*0.15*	*0.18*	*0.22*	*0.28*	*0.50*	*1.03*		*1.49*	*3.99*		*18.7*
1192	07027600	35°36′23″	88°53′59″	JOHNSON CREEK NEAR JACKSON (1)							32.3	32.7	222	2.398	89	1.75	6	16	07027500
	0.46	0.64	47.4	8.30	0.43	0.47	0.54	0.64	0.80	1.10	1.51	2.09	5.30	11.4		34.3	54.5		123
	4.42	5.70	47.0	21.6	4.16	4.51	4.97	5.79	6.84	8.84	11.2	14.0	18.2	23.7		34.1	53.8		108
	6.90	7.86	49.3	24.1	6.37	6.68	7.02	8.04	8.96	11.0	13.0	12.2	15.7	21.0		34.7	55.3		104
	0.23	*0.25*	*16.5*	*1.78*	*0.37*	*0.19*	*0.19*	*0.20*	*0.22*	*0.26*	*0.31*	*0.37*	*0.64*	*1.23*		*1.66*	*3.70*		*17.5*
1193	07027680	35°41′35″	89°06′36″	SOUTH FORK FORKED DEER RIVER NR BELLS (1)							687	682	211	2.395	65	1.68	4	11	07027500
	140	174	1008	515	134	142	154	173	199	242	297	364	440	550		729	1160		2618
	119	149	1002	476	114	122	132	150	174	218	268	333	430	580		830	1292		2453
	110	135	992	469	103	112	120	139	158	202	250	309	389	507		775	1235		2392
	0.55	*0.68*	*18.7*	*9.70*	*0.32*	*0.57*	*0.59*	*0.72*	*0.84*	*1.05*	*1.26*	*1.51*	*1.93*	*2.38*		*3.68*	*5.96*		*24.8*
1194	07027700	35°40′41″	89°07′58″	MUD CREEK NEAR BELLS (1)							25.0	24.9	69	2.396	37	1.07	6	11	07028500
	0.23	0.32	33.7	9.50	0.22	0.24	0.28	0.36	0.42	0.50	0.60	0.70	1.14	2.10		5.50	22.0		62.2
	0.27	0.61	30.3	7.30	0.26	0.36	0.48	0.65	0.87	1.25	1.88	2.81	4.52	7.85		15.1	32.1		65.8
	0.29	0.62	31.5	7.61	0.27	0.37	0.48	0.66	0.88	1.30	1.97	3.08	4.55	7.44		17.5	35.9		71.9
	0.24	*0.35*	*7.68*	*1.72*	*0.31*	*0.26*	*0.29*	*0.30*	*0.31*	*0.31*	*0.33*	*0.41*	*0.64*	*1.00*		*1.32*	*2.79*		*12.2*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											West Tennessee region--continued								
1195	07027800	35°49′03″	89°21′21″	SOUTH FORK FORKED DEER RIVER NR GATES (1)							932	932	165	2.387	61	1.52	2	15	07027500
	113	146	1367	575	107	115	126	144	171	214	271	345	445	640		988	1574		3551
	136	174	1374	628	131	141	154	176	208	265	331	416	548	757		1107	1760		3405
	115	147	1325	601	108	119	130	151	175	226	286	344	453	599		969	1619		3251
	0.55	*0.69*	*21.5*	*11.7*	*0.42*	*0.80*	*0.83*	*0.99*	*1.14*	*1.35*	*1.57*	*1.83*	*2.28*	*2.73*		*4.21*	*6.73*		*25.7*
1196	07028100	35°55′45″	89°23′25″	SOUTH FORK FORKED DEER RIVER NR HALLS (1)							1019	1021	153	2.382	61	1.49	10	22	07028000
	128	161	1425	647	124	136	148	169	195	244	300	374	494	709		1179	2114		3923
	144	184	1492	681	138	149	162	186	219	280	349	440	579	800		1174	1876		3695
	121	154	1443	655	113	125	136	159	183	238	301	355	476	627		1025	1740		3553
	0.55	*0.69*	*22.4*	*12.4*	*0.45*	*0.87*	*0.91*	*1.08*	*1.23*	*1.45*	*1.66*	*1.93*	*2.39*	*2.84*		*4.39*	*7.09*		*26.5*
1197	07028200	35°58′33″	89°24′03″	S FORK FORKED DEER R AT YELLOW BLUFF (1)							1053	1053	149	2.381	61	1.48	4	21	07028000
	132	164	1473	669	128	141	153	174	202	252	310	386	510	733		1218	2185		4054
	145	185	1534	702	138	149	162	187	220	281	351	443	585	812		1198	1916		3803
	123	157	1487	675	115	127	138	162	187	243	307	359	484	637		1045	1786		3665
	0.63	*0.80*	*20.7*	*12.6*	*0.51*	*0.99*	*1.05*	*1.27*	*1.48*	*1.73*	*1.94*	*2.12*	*2.33*	*2.42*		*3.55*	*5.51*		*22.7*
1198	07028900	35°48′37″	88°37′03″	MIDDLE FK FORKED DEER R NR SPRING CREEK (1)							88.2	87.9	206	2.392	63	1.83	6	12	07029000
	5.43	6.60	125	66.0	5.22	5.38	5.68	6.63	7.44	9.03	10.8	13.3	20.0	33.0		67.2	110		282
	12.7	16.7	132	61.1	11.7	13.1	14.5	16.8	19.5	24.6	30.2	36.5	45.7	59.9		85.0	136		285
	9.62	13.0	125	52.0	8.94	10.1	11.3	13.6	15.9	20.6	26.3	35.3	45.6	59.5		92.2	149		287
	0.41	*0.43*	*12.0*	*3.10*	*0.41*	*0.33*	*0.33*	*0.37*	*0.39*	*0.45*	*0.53*	*0.64*	*1.00*	*1.59*		*1.98*	*3.51*		*19.0*
1199	07028920	35°44′26″	88°47′38″	MIDDLE FK FORKED DEER R NR OAKFIELD (1)							173	172	216	2.395	76	1.94	2	15	07029000
	39.8	46.3	244	126	35.1	35.9	37.3	41.5	45.0	51.6	58.6	67.5	79.2	98.5		132	216		553
	29.6	36.6	246	119	28.2	30.2	32.7	37.0	42.3	51.6	61.9	75.0	93.6	121		170	274		565
	32.4	37.9	254	123	30.1	32.0	33.9	38.9	43.8	54.9	66.3	79.4	100	129		188	300		576
	0.61	*0.68*	*13.9*	*6.43*	*0.58*	*0.55*	*0.55*	*0.64*	*0.70*	*0.76*	*0.82*	*0.97*	*1.27*	*1.72*		*2.07*	*3.49*		*16.9*
1200	07028960	35°44′39″	88°50′47″	MIDDLE FK FORKED DEER R NR FAIRVIEW (1)							211	211	212	2.394	77	1.96	5	0	07028960
	45.2	54.1	312	162	47.4	48.4	50.5	56.3	61.5	73.8	89.4	108	133	170		239	335		516
	36.4	44.8	297	143	34.7	37.2	40.1	45.4	51.9	63.3	75.9	92.1	115	148		207	333		684
	41.5	47.9	312	154	38.6	40.7	43.0	49.1	55.1	68.8	82.7	99.0	125	160		231	369		710
	0.63	*0.68*	*14.2*	*6.42*	*0.57*	*0.59*	*0.60*	*0.68*	*0.72*	*0.77*	*0.82*	*0.96*	*1.25*	*1.67*		*2.08*	*3.42*		*16.6*
1201	07029200	35°48′54″	89°35′43″	COLD CREEK NEAR ARP (0)							16.4	--	--	--	--	--	5	9	07029000
	0.53	0.60	23.2	5.30	0.51	0.52	0.54	0.61	0.66	0.76	0.87	1.00	1.58	2.80		6.00	20.5		52.4
1202	07029275	35°02′30″	88°47′08″	HATCHIE RIVER NEAR POCAHONTAS (1)							310	311	224	2.443	61	1.84	4	13	07029500
	33.9	48.9	515	208	34.2	37.2	41.3	50.8	64.3	89.6	120	162	231	359		558	835		1270
	55.4	71.2	483	226	53.5	56.8	62.5	71.7	83.5	104	127	156	199	266		379	600		1144
	40.6	53.0	465	196	37.9	42.2	46.4	55.0	64.0	82.5	105	169	184	272		410	633		1066
	0.66	*0.78*	*12.9*	*6.63*	*0.44*	*0.53*	*0.55*	*0.66*	*0.74*	*0.82*	*0.87*	*1.01*	*1.31*	*1.71*		*2.13*	*2.50*		*12.0*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
										West Tennessee region--continued									
1203	07029350	35°00′53″	88°44′20″	TUSCUMBIA RIVER NEAR CYPRESS (1)							329	329	85	2.444	46	1.41	4	12	07029500
	10.7	19.1	547	195	10.9	12.4	14.7	20.5	30.0	51.3	82.7	133	227	381		592	886		1348
	9.66	17.6	471	163	8.88	11.4	14.3	18.7	24.3	33.8	49.1	68.9	103	158		260	484		997
	11.1	18.3	457	145	10.3	12.8	15.1	19.2	23.7	33.2	46.1	86.3	102	173		318	597		1055
	0.62	*0.82*	*10.4*	*10.0*	*0.75*	*1.01*	*1.15*	*1.28*	*1.28*	*1.11*	*1.29*	*1.52*	*1.80*	*1.95*		*2.22*	*2.14*		*8.11*
1204	07029370	35°10′05″	88°35′22″	CYPRESS CREEK AT SELMER (1)							44.1	44.1	230	2.411	76	2.13	9	14	07027500
	9.29	11.4	68.0	36.0	8.88	9.47	10.2	11.5	13.2	16.1	19.7	24.1	30.3	39.0		52.0	74.5		168
	6.30	7.94	64.3	28.3	5.95	6.41	6.99	8.01	9.28	11.6	14.1	17.2	22.5	30.0		44.4	70.2		142
	7.08	8.74	65.8	29.4	6.54	7.12	7.68	9.02	10.3	13.0	15.8	21.3	25.6	34.3		49.7	78.2		142
	0.28	*0.29*	*13.7*	*1.79*	*0.33*	*0.19*	*0.19*	*0.21*	*0.22*	*0.26*	*0.31*	*0.38*	*0.64*	*1.19*		*1.62*	*2.95*		*14.9*
1205	07029410	35°04′46″	88°46′53″	MOSSES CREEK NEAR POCAHONTAS (1)							47.6	47.6	245	2.443	78	2.15	7	12	07027500
	10.7	13.1	71.0	40.0	10.3	10.9	11.8	13.2	15.2	18.5	22.6	27.7	34.8	43.5		56.0	80.4		181
	7.71	9.51	69.4	31.7	7.37	7.81	8.45	9.57	11.0	13.4	16.2	19.5	25.0	33.0		48.0	75.5		155
	8.53	10.3	73.3	32.8	7.89	8.49	9.10	10.6	12.0	15.1	18.2	26.3	28.7	41.7		60.5	92.8		154
	0.29	*0.29*	*11.9*	*1.50*	*0.31*	*0.17*	*0.17*	*0.19*	*0.21*	*0.24*	*0.29*	*0.36*	*0.61*	*1.14*		*1.56*	*2.23*		*11.4*
1206	07029440	35°05′44″	88°54′05″	PORTERS CREEK NEAR MIDDLETON (1)							40.4	40.7	138	2.442	63	1.83	5	13	07030500
	3.41	4.00	46.5	11.0	3.23	3.40	3.66	4.05	4.50	5.24	5.98	6.84	8.10	13.0		22.5	57.3		107
	2.75	3.96	57.4	20.3	2.57	2.93	3.38	4.19	5.27	7.14	9.14	11.6	15.8	22.8		36.8	63.4		125
	2.97	4.26	59.6	21.7	2.75	3.20	3.62	4.43	5.27	6.96	9.02	14.6	16.8	26.4		43.3	73.9		126
	0.28	*0.31*	*10.6*	*1.94*	*0.33*	*0.25*	*0.28*	*0.32*	*0.35*	*0.39*	*0.44*	*0.50*	*0.76*	*1.20*		*1.58*	*2.39*		*12.0*
1207	07029450	35°10′28″	88°54′50″	CUB CREEK NEAR HEBRON (1)							15.0	15.3	349	2.410	53	1.71	6	9	07031650
	0.84	1.02	21.3	4.50	0.80	0.83	0.86	0.96	1.11	1.36	1.61	1.92	3.60	7.40		17.5	25.5		45.9
	3.67	4.02	23.0	9.63	3.42	3.55	3.70	3.89	4.19	4.72	5.21	5.68	7.58	10.6		16.0	22.5		46.2
	1.26	1.97	21.6	7.60	1.16	1.41	1.65	2.10	2.57	3.39	4.54	6.58	8.12	11.0		18.6	27.4		48.5
	0.15	*0.16*	*5.96*	*0.72*	*0.17*	*0.05*	*0.05*	*0.06*	*0.07*	*0.09*	*0.12*	*0.16*	*0.30*	*0.64*		*0.81*	*2.30*		*12.0*
1208	07029480	35°14′35″	88°58′38″	SPRING CREEK AT BOLIVAR (1)							121	121	349	2.409	83	2.21	7	11	07030500
	29.2	34.6	157	81.3	28.4	29.8	32.0	35.4	39.2	45.5	51.7	58.9	69.5	85.2		113	172		321
	35.2	41.1	173	94.8	33.7	35.5	37.7	41.1	45.4	52.7	60.9	71.3	85.2	102		130	201		405
	35.9	39.4	185	96.4	33.3	34.3	35.7	40.4	44.7	54.4	63.8	78.4	91.4	116		156	228		411
	0.33	*0.37*	*10.0*	*2.45*	*0.18*	*0.12*	*0.12*	*0.15*	*0.18*	*0.24*	*0.30*	*0.39*	*0.71*	*1.24*		*1.75*	*2.66*		*13.8*
1209	07029600	35°16′11″	89°01′00″	PLEASANT RUN NEAR BOLIVAR (1)							24.7	24.6	300	2.409	78	2.28	4	5	07030500
	10.1	11.8	34.0	24.7	9.59	10.1	10.8	11.9	13.2	15.4	17.5	19.9	23.5	25.0		29.4	34.7		64.9
	4.72	5.68	36.1	17.3	4.44	4.73	5.08	5.66	6.39	7.69	9.08	10.7	13.7	17.8		25.2	37.6		77.3
	4.59	5.62	37.0	16.8	4.23	4.59	4.94	5.81	6.64	8.26	10.0	13.4	16.1	20.8		29.2	44.0		78.9
	0.22	*0.23*	*12.9*	*1.36*	*0.29*	*0.11*	*0.11*	*0.12*	*0.14*	*0.17*	*0.21*	*0.27*	*0.51*	*1.04*		*1.38*	*2.87*		*14.8*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
											West Tennessee region--continued								
1210	07029675	35°24′46″	88°55′00″	CLOVER CREEK AT TEAGUE (1)							51.4	51.2	172	2.404	88	2.31	2	10	07029500
	3.68	5.67	85.4	34.0	3.72	4.09	4.61	5.84	7.64	11.2	15.7	24.2	38.4	59.5		92.6	138		211
	5.00	6.73	73.9	30.6	4.86	5.22	5.81	7.00	8.46	11.1	14.3	18.3	25.3	35.0		54.0	85.3		169
	9.42	10.8	77.1	37.1	8.71	9.15	9.62	11.0	12.2	15.2	18.0	23.1	28.4	37.7		52.1	86.6		162
	0.33	*0.35*	*14.1*	*2.27*	*0.38*	*0.26*	*0.27*	*0.30*	*0.32*	*0.36*	*0.41*	*0.49*	*0.78*	*1.33*		*1.76*	*2.96*		*14.4*
1211	07029680	35°23′44″	88°55′19″	PUGH CREEK NEAR TEAGUE (1)							1.95	1.97	350	2.405	85	2.42	2	9	07027500
	0.58	0.70	3.06	1.93	0.55	0.59	0.64	0.72	0.83	1.02	1.26	1.56	1.85	2.05		2.55	3.29		7.43
	0.55	0.69	3.05	1.72	0.52	0.57	0.61	0.70	0.81	0.96	1.11	1.24	1.44	1.74		2.27	2.95		5.78
	0.34	0.43	2.96	1.25	0.31	0.34	0.37	0.45	0.51	0.64	0.77	0.96	1.18	1.52		2.22	3.29		5.83
	0.18	*0.18*	*6.62*	*0.87*	*0.31*	*0.05*	*0.05*	*0.06*	*0.07*	*0.10*	*0.14*	*0.18*	*0.36*	*0.78*		*0.52*	*2.05*		*14.4*
1212	07029685	35°24′16″	88°55′20″	PUGH CREEK AT TEAGUE (1)							4.20	4.21	350	2.405	85	2.41	2	5	07027500
	1.09	1.38	6.16	3.40	1.04	1.11	1.21	1.36	1.59	1.96	2.43	2.70	3.10	3.70		4.45	7.09		16.0
	1.18	1.45	6.54	3.64	1.12	1.19	1.28	1.45	1.65	1.96	2.27	2.58	3.03	3.68		4.79	6.46		12.8
	0.80	1.00	6.35	2.81	0.74	0.80	0.87	1.03	1.18	1.46	1.76	2.19	2.67	3.40		4.85	7.19		12.8
	0.17	*0.18*	*7.90*	*0.95*	*0.30*	*0.06*	*0.05*	*0.07*	*0.08*	*0.11*	*0.16*	*0.20*	*0.40*	*0.89*		*0.85*	*3.17*		*15.2*
1213	07029700	35°23′21″	89°00′48″	CLOVER CREEK AT CLOVERPORT (1)							84.3	83.0	241	2.406	87	2.25	7	17	07027500
	8.73	11.1	108	42.0	8.47	9.08	9.91	11.2	13.1	16.3	20.3	25.4	34.0	47.5		73.5	142		321
	15.3	19.2	121	58.5	14.6	15.6	17.0	19.5	22.5	27.2	32.6	39.1	49.2	63.7		90.6	140		281
	20.3	22.4	127	64.3	18.8	19.4	20.2	22.9	25.4	31.1	36.5	44.7	53.8	69.5		95.0	148		273
	0.32	*0.34*	*11.9*	*2.64*	*0.34*	*0.23*	*0.23*	*0.26*	*0.29*	*0.36*	*0.44*	*0.55*	*0.89*	*1.46*		*1.78*	*2.76*		*15.3*
1214	07030020	35°29′07″	89°22′50″	BIG MUDDY CREEK NEAR STANTON (1)							92.0	93.8	169	2.401	46	1.18	6	8	07029000
	9.77	11.3	130	46.5	9.50	9.71	10.1	11.3	12.4	14.3	16.3	18.9	23.5	33.0		50.0	115		294
	7.69	12.3	140	58.4	6.79	8.04	9.86	12.7	16.2	22.5	29.1	36.0	45.0	60.1		84.8	140		291
	4.54	7.52	128	42.5	4.23	5.24	6.22	7.97	9.91	13.6	18.8	23.8	31.8	46.7		95.8	160		303
	0.40	*0.45*	*12.0*	*3.07*	*0.39*	*0.32*	*0.35*	*0.40*	*0.42*	*0.48*	*0.54*	*0.65*	*0.98*	*1.50*		*1.88*	*3.05*		*15.4*
1215	07030050	35°38′13″	89°36′35″	HATCHIE RIVER AT RIALTO (1)							2308	2310	183	2.395	58	1.59	5	5	07030000
	315	396	3452	1464	300	325	351	400	481	654	878	1166	1687	2462		3590	5142		8706
	368	476	3485	1596	355	381	418	480	577	754	967	1243	1690	2395		3565	5468		9351
	316	397	3306	1535	297	325	352	409	471	610	771	1034	1300	1712		2612	4251		8365
	0.55	*0.71*	*18.5*	*9.90*	*0.21*	*0.71*	*0.74*	*0.91*	*1.10*	*1.37*	*1.65*	*1.97*	*2.29*	*2.57*		*4.34*	*6.75*		*21.8*
1216	07030100	35°45′22″	89°33′05″	CANE CREEK AT RIPLEY (1)							33.9	33.9	32	2.391	67	1.15	4	15	07030240
	0.79	0.89	50.1	16.5	0.71	0.76	0.82	0.85	0.91	1.01	1.09	1.40	2.20	3.60		8.20	33.0		78.4
	0.00	0.48	43.3	12.1	0.00	0.00	0.39	0.48	0.59	0.85	1.14	1.65	2.74	5.15		11.2	35.8		88.1
	0.00	0.44	43.7	12.0	0.00	0.00	0.36	0.45	0.55	0.81	1.12	1.42	2.38	4.70		11.4	36.9		84.2
	0.28	*0.45*	*9.98*	*3.66*	*0.51*	*0.54*	*0.63*	*0.65*	*0.67*	*0.67*	*0.70*	*0.87*	*1.17*	*1.54*		*1.84*	*3.00*		*12.3*

Table A2. Basin and streamflow characteristics for 870 low-flow partial-record and short-term gaging stations in Tennessee.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR	QM	LT GAGE
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%		10%
										West Tennessee region--continued									
1217	07030209	35°14′45″	89°19′35″	LOOSAHATCHIE RIVER NEAR SOMERVILLE (1)							76.9	76.0	200	2.417	74	1.95	3	4	07029500
	9.15	13.7	128	58.2	9.25	10.1	11.4	14.2	18.4	26.5	36.7	47.0	64.1	88.9		138	207		315
	9.70	12.8	112	50.0	9.24	10.0	11.1	13.1	15.4	19.5	24.3	30.0	39.0	52.0		76.0	121		249
	11.3	14.0	113	50.3	10.5	11.4	12.3	14.4	16.5	20.9	25.7	33.8	40.5	56.3		85.1	137		246
	0.44	*0.50*	*10.9*	*2.91*	*0.40*	*0.29*	*0.32*	*0.37*	*0.41*	*0.48*	*0.57*	*0.69*	*1.09*	*1.76*		*2.13*	*3.03*		*15.2*
1218	07030210	35°15′00″	89°20′36″	LOOSAHATCHIE R, WATERWORKS, SOMERVILLE (1)							78.7	79.6	202	2.417	74	1.92	3	4	07029500
	11.4	17.4	131	65.7	11.5	12.6	14.1	17.8	23.1	33.3	46.1	56.0	71.4	91.0		142	212		322
	10.5	13.7	117	52.9	10.0	10.9	12.0	14.0	16.5	20.8	25.8	31.8	41.1	54.5		79.5	127		261
	12.0	14.8	119	52.9	11.1	12.1	13.1	15.3	17.5	22.1	27.1	35.2	42.2	58.7		89.5	143		259
	0.44	*0.50*	*10.9*	*2.90*	*0.39*	*0.29*	*0.32*	*0.36*	*0.40*	*0.47*	*0.57*	*0.69*	*1.08*	*1.75*		*2.15*	*3.05*		*15.2*
1219	07030212	35°15′30″	89°21′12″	LOOSAHATCHIE R, ST HWY 59 & 76, SOMERVILLE (1)							80.6	80.6	203	2.414	74	1.91	3	4	07029500
	14.2	21.7	134	75.0	14.4	15.8	17.7	22.4	29.1	42.2	58.8	67.2	78.5	93.2		145	217		330
	10.8	14.1	119	53.8	10.3	11.1	12.3	14.4	16.8	21.3	26.3	32.3	41.8	55.3		80.5	129		264
	12.3	15.1	120	53.7	11.4	12.3	13.3	15.6	17.8	22.5	27.6	35.4	42.7	59.0		90.2	145		262
	0.44	*0.50*	*11.0*	*2.91*	*0.38*	*0.29*	*0.31*	*0.36*	*0.40*	*0.47*	*0.56*	*0.69*	*1.08*	*1.74*		*2.15*	*3.10*		*15.5*
1220	07030250	35°19′11″	89°39′29″	BEAVER CREEK NEAR ARLINGTON (1)							148	146	32	2.405	63	1.14	2	8	07030240
	2.48	2.87	219	68.0	2.21	2.37	2.61	2.73	2.94	3.35	3.64	3.98	7.10	12.0		32.0	144		342
	1.24	2.14	186	62.7	1.21	1.51	1.77	2.09	2.49	3.65	5.06	7.45	12.1	22.1		45.8	140		385
	1.20	2.00	190	53.5	1.11	1.39	1.64	2.04	2.47	3.69	5.09	7.17	11.3	23.0		53.6	172		380
	0.22	*0.38*	*8.44*	*3.45*	*0.39*	*0.52*	*0.60*	*0.61*	*0.62*	*0.61*	*0.64*	*0.79*	*1.05*	*1.37*		*2.02*	*3.17*		*10.7*
1221	07030352	35°20′04″	89°55′02″	BIG CREEK NEAR MILLINGTON (1)							91.0	91.0	32	2.403	89	1.23	2	4	07030240
	2.49	2.86	134	43.5	2.24	2.39	2.60	2.71	2.90	3.25	3.50	3.79	4.31	7.60		19.0	88.6		210
	1.68	2.28	127	46.5	1.61	1.79	1.96	2.23	2.59	3.63	4.51	6.08	9.25	15.9		31.1	96.1		253
	1.48	2.05	125	42.6	1.37	1.58	1.75	2.05	2.34	3.33	4.23	4.57	7.25	14.5		32.7	105		234
	0.25	*0.40*	*8.67*	*3.40*	*0.42*	*0.51*	*0.59*	*0.60*	*0.61*	*0.60*	*0.64*	*0.78*	*1.04*	*1.34*		*1.81*	*2.86*		*10.5*
1222	07030375	35°00′28″	89°10′55″	INDIAN CREEK NR GRAND JUNCTION (1)							24.0	24.1	350	2.439	79	2.25	2	6	07030500
	9.82	11.8	32.8	25.0	9.28	9.78	10.5	11.7	13.1	15.3	17.6	20.2	24.1	25.8		28.4	34.0		63.6
	5.76	6.78	36.0	18.9	5.45	5.77	6.15	6.72	7.45	8.76	10.2	11.8	14.8	18.6		25.3	36.7		78.0
	5.09	6.15	37.4	16.9	4.70	5.06	5.43	6.36	7.23	8.94	10.8	15.2	16.5	23.0		32.8	47.4		77.9
	0.21	*0.23*	*10.6*	*1.03*	*0.23*	*0.08*	*0.07*	*0.09*	*0.10*	*0.13*	*0.17*	*0.22*	*0.43*	*0.90*		*1.20*	*1.96*		*11.4*
1223	07030400	35°07′17″	89°16′57″	NORTH FORK WOLF R NR LAGRANGE (1)							71.9	68.5	183	2.426	77	2.09	3	4	07030500
	8.50	10.0	93.3	32.4	8.04	8.46	9.10	10.1	11.2	13.1	14.9	17.1	24.1	37.0		67.2	102		191
	7.71	10.3	99.8	44.0	7.40	8.04	8.95	10.7	12.7	16.4	20.6	25.9	34.4	46.4		69.1	109		224
	10.3	12.6	103	46.0	9.54	10.3	11.1	12.9	14.7	18.6	22.6	31.8	36.9	52.4		76.7	125		220
	0.40	*0.44*	*10.9*	*2.69*	*0.41*	*0.30*	*0.33*	*0.37*	*0.41*	*0.47*	*0.56*	*0.69*	*1.10*	*1.79*		*2.19*	*2.82*		*13.8*
1224	07030600	35°04′52″	89°39′05″	WOLF R NR COLLIERVILLE (1)							597	597	186	2.436	63	1.66	3	4	07030500
	158	186	750	420	149	157	169	187	207	241	274	313	370	450		560	846		1582
	93.4	118	881	407	89.7	96.2	105	120	140	176	218	272	352	477		687	1089		2123
	80.9	102	890	391	75.6	83.0	90.0	105	121	156	195	282	317	471		743	1189		2067
	0.65	*0.83*	*16.8*	*9.12*	*0.45*	*0.74*	*0.79*	*0.98*	*1.18*	*1.48*	*1.76*	*2.07*	*2.38*	*2.67*		*3.61*	*4.70*		*18.1*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region													
1	02379500	34°40′53″	84°27′20″	CARTECAY RIVER NEAR ELLIJAY GA (0)	135	---	---	---	---	---	40
	84.2	101	289	235	77.2	84.3	88.2	99.7	119	142	164	195	227	270	318	394	502
2	02380000	34°41′06″	84°28′40″	ELLIJAY RIVER AT ELLIJAY GA (0)	90.0	---	---	---	---	---	19
	37.3	49.1	213	154	32.3	35.7	41.9	52.8	65.2	85.7	109	136	165	198	232	291	396
3	02380500	34°40′18″	84°30′31″	COOSAWATTEE RIVER NEAR ELLIJAY GA (0)	238	---	---	---	---	---	50
	110	146	507	394	92.1	103	122	146	179	225	275	326	395	471	576	692	947
4	02382000	34°28′04″	84°35′30″	SCARECORN CREEK AT HINTON GA (0)	21.1	---	---	---	---	---	23
	1.48	3.42	28.7	17.9	1.48	2.03	2.69	3.93	5.40	7.63	10.0	12.7	15.9	19.6	25.8	34.5	52.9
5	02382300	34°35′20″	84°40′05″	TALKING ROCK CREEK NEAR CARTERS GA (0)	142	---	---	---	---	---	7
	34.5	48.7	211	137	41.2	42.8	46.0	55.6	63.5	76.4	93.1	114	138	165	207	269	401
6	02382500	34°36′15″	84°41′29″	COOSAWATTEE RIVER AT CARTERS GA (0)	531	---	---	---	---	---	51
	228	293	1138	880	204	224	251	294	340	435	557	699	845	1030	1244	1562	2174
7	02383000	34°21′32″	84°46′46″	ROCK CREEK NEAR FAIRMOUNT GA (0)	5.61	---	---	---	---	---	22
	0.44	0.72	6.98	3.01	0.46	0.54	0.64	0.86	1.07	1.46	1.89	2.39	3.16	4.35	6.00	8.48	13.8
8	02383500	34°34′37″	84°51′35″	COOSAWATTEE RIVER AT PINE CHAPEL GA (0)	856	---	---	---	---	---	62
	242	349	1435	980	266	288	314	357	412	528	663	828	1030	1269	1578	2006	2959
9	02385500	34°47′18″	84°58′30″	MILL CREEK AT DALTON, GA (1)	40.1	40.0	120	2.363	53	1.91	15
	14.4	16.4	70.8	30.3	14.1	14.4	14.8	16.0	18.1	21.8	25.1	28.4	34.4	41.0	55.0	76.1	125
	5.23	6.91	64.4	24.5	5.06	5.56	6.23	7.23	8.54	10.9	13.6	17.6	24.8	36.6	52.8	78.4	134
	6.26	8.51	70.2	31.3	6.06	6.61	7.49	9.00	11.0	14.4	18.3	23.5	31.9	44.4	62.5	87.7	143
	0.64	*0.55*	*13.9*	*2.92*	*0.86*	*0.78*	*0.82*	*0.82*	*0.88*	*0.96*	*1.06*	*1.32*	*1.93*	*3.27*	*12.2*	*24.2*	*26.3*
10	02385800	34°43′00″	84°46′12″	HOLLY CREEK NEAR CHATSWORTH GA (1, 2)	64.9	63.9	57	2.365	11	1.02	42
	2.25	5.52	121	55.2	2.36	3.01	4.18	6.67	9.80	17.6	27.2	38.5	54.2	74.4	102	147	257
	2.77	4.21	124	31.0	2.63	3.06	3.56	4.64	6.32	10.2	15.5	24.1	41.1	66.8	104	166	292
	1.54	2.95	102	34.2	1.54	1.97	2.43	3.43	4.91	9.44	14.3	21.5	33.8	52.6	85.3	134	243
	0.83	*1.02*	*6.64*	*2.90*	*0.63*	*0.64*	*0.75*	*0.90*	*1.57*	*2.39*	*2.31*	*2.22*	*2.10*	*2.40*	*4.83*	*8.41*	*9.79*
11	02387000	34°40′00″	84°55′42″	CONASAUGA RIVER AT TILTON GA (1)	682	688	80	2.366	41	1.42	65
	57.3	98.0	1202	553	54.0	66.9	84.9	110	144	214	296	402	549	766	1072	1577	2815
	101	129	1235	543	92.1	102	113	137	162	218	291	400	558	796	1106	1603	2760
	54.6	83.2	1201	503	53.4	61.7	72.3	93.0	122	183	254	352	510	734	1051	1500	2550
	2.82	*3.43*	*8.78*	*10.9*	*2.74*	*3.36*	*3.69*	*4.28*	*5.09*	*5.94*	*6.58*	*6.24*	*7.63*	*7.86*	*10.7*	*12.6*	*18.0*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
12	02387500	34°34′42″	84°56′29″	OOSTANAULA RIVER AT RESACA GA (0)	1610	---	---	---	---	---	109
	336	453	2807	1742	318	355	393	499	603	831	1086	1365	1753	2223	2798	3812	6089
13	02388000	34°34′04″	85°09′16″	WEST ARMUCHEE CREEK NEAR SUBLINGA GA (0)	36.4	---	---	---	---	---	22
	5.67	7.13	64.2	23.8	5.13	5.49	6.21	7.42	8.69	11.4	14.5	19.2	27.0	38.0	53.1	76.4	131
14	02398000	34°28′03″	85°20′19″	CHATTOOGA RIVER AT SUMMERVILLE GA (0)	192	---	---	---	---	---	65
	61.2	70.6	353	173	51.0	58.4	61.0	68.7	81.5	99.8	118	145	178	233	315	444	703
15	03161000	36°23′35″	81°24′26″	SOUTH FORK NEW RIVER NR JEFFERSON NC (0)	205	---	---	---	---	---	73
	105	141	426	354	93.8	107	119	141	166	213	255	298	343	395	461	548	715
16	03162500	36°31′04″	81°23′18″	NORTH FORK NEW RIVER AT CRUMPLER NC (0)	277	---	---	---	---	---	36
	79.6	115	472	384	75.5	83.6	94.9	115	145	196	238	287	342	407	492	620	875
17	03307000	37°07′09″	85°23′38″	RUSSELL CREEK NEAR COLUMBIA KY (0)	188	---	---	---	---	---	59
	2.30	7.20	286	135	2.52	3.68	5.20	8.69	14.9	26.7	42.0	64.7	101	153	230	359	630
18	03307500	36°58′27″	85°36′11″	S FORK LITTLE BARREN RIVER AT EDMONTON KY (0)	18.3	---	---	---	---	---	30
	0	0	26.3	9.42	0	0	0	0	0.20	0.31	1.12	2.51	5.24	10.5	17.9	30.1	60.7
19	03312500	36°50′38″	86°04′17″	BARREN RIVER NEAR PAGEVILLE KY (1)	531	532	49	2.265	87	1.62	24
	30.7	50.1	837	364	33.3	39.5	46.6	59.9	78.7	115	164	231	334	493	731	1093	1864
	27.7	50.6	830	371	27.5	33.7	42.6	56.1	76.2	116	172	245	359	515	753	1123	1906
	21.4	36.7	847	355	20.8	25.0	30.8	41.6	58.3	91.5	145	222	346	517	731	1084	1820
	1.01	*1.41*	*6.33*	*8.39*	*0.56*	*0.66*	*0.77*	*1.06*	*1.47*	*2.21*	*3.04*	*3.98*	*4.95*	*5.35*	*6.08*	*6.94*	*8.15*
20	03313500	36°44′53″	86°11′46″	WEST BAYS FORK AT SCOTTSVILLE KY (1, 2)	7.47	7.45	50	2.267	87	1.29	21
	0.00	0.00	10.8	4.67	0.00	0.00	0.00	0.29	0.43	0.85	1.43	2.19	3.36	5.35	8.32	13.3	23.7
	0.48	0.72	11.1	5.06	0.45	0.51	0.61	0.79	1.00	1.50	2.13	3.03	4.36	6.17	8.93	14.2	24.8
	0.25	0.44	10.8	3.93	0.25	0.30	0.37	0.48	0.65	0.98	1.53	2.37	3.74	5.79	8.65	13.6	23.3
	0.33	*0.55*	*1.93*	*2.36*	*0.43*	*0.44*	*0.51*	*0.68*	*0.84*	*1.17*	*1.47*	*1.84*	*1.82*	*1.48*	*2.17*	*3.55*	*5.48*
21	03314000	36°53′43″	86°22′50″	DRAKES CREEK NEAR ALVATON KY (1)	478	475	57	2.268	74	1.35	30
	17.0	29.5	697	298	19.4	22.2	26.4	34.8	46.1	71.9	107	166	246	372	569	903	1622
	25.3	37.7	713	292	25.5	28.9	33.4	41.4	53.5	80.4	119	177	278	427	645	978	1667
	25.1	40.6	736	325	24.3	28.8	34.7	45.4	61.4	93.5	141	208	314	457	643	940	1582
	2.05	*2.71*	*7.46*	*6.34*	*1.42*	*1.57*	*1.65*	*2.40*	*3.23*	*4.23*	*4.56*	*4.46*	*4.83*	*5.60*	*6.37*	*8.07*	*10.8*
22	03314500	37°00′04″	86°25′51″	BARREN RIVER AT BOWLING GREEN KY (1)	1849	1846	56	2.267	82	1.39	56
	74.0	122	2600	1255	74.5	86.1	104	147	206	354	544	806	1320	2088	3154	4315	6010
	132	191	2633	1296	131	150	172	212	271	408	592	831	1247	1800	2577	3718	6025
	102	164	2922	1340	98.6	117	141	185	252	385	584	865	1302	1879	2590	3722	6240
	2.05	*2.89*	*7.18*	*12.2*	*1.38*	*1.85*	*2.02*	*2.37*	*3.24*	*5.01*	*5.93*	*5.85*	*7.49*	*7.78*	*10.1*	*12.3*	*9.27*
23	03316000	37°00′15″	86°54′26″	MUD RIVER NEAR LEWISBURG, KY (0)	90.5	---	---	---	---	---	32
	0.00	0.22	151	49.0	0.00	0.15	0.20	0.39	2.03	4.87	9.91	19.9	34.9	59.8	106	183	382

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

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MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
24	03400500	36°58′26″	82°59′35″	POOR FORK AT CUMBERLAND KY (1, 2)	82.3	82.1	43	2.128	59	3.72	53
	4.74	8.03	143	69.0	4.20	5.52	7.00	9.56	13.9	22.4	33.3	49.6	73.3	103	144	201	322
	1.84	3.93	120	50.6	1.86	2.43	3.16	4.65	7.03	12.7	20.4	31.8	48.8	72.5	106	166	286
	2.75	5.28	124	64.4	2.63	3.28	4.18	6.02	8.98	15.5	25.6	40.0	60.9	88.7	123	181	283
	0.39	*0.45*	*0.98*	*3.15*	*0.35*	*0.40*	*0.45*	*0.53*	*0.84*	*1.55*	*2.09*	*2.37*	*2.10*	*1.83*	*2.04*	*3.31*	*4.67*
25	03401000	36°50′48″	83°21′21″	CUMBERLAND RIVER AT HARLAN KY (1)	374	373	41	2.140	60	3.62	62
	14.4	29.5	684	306	12.4	16.4	23.2	36.9	54.8	91.8	143	221	332	476	667	962	1554
	9.47	19.9	608	272	9.40	12.1	16.0	24.4	37.6	67.9	112	176	270	392	553	811	1378
	10.8	21.4	585	297	10.4	13.1	16.9	24.8	38.0	67.8	115	183	284	416	576	845	1329
	0.66	*0.79*	*5.44*	*9.64*	*0.39*	*0.48*	*0.56*	*0.70*	*1.25*	*2.90*	*5.07*	*7.60*	*8.98*	*8.86*	*8.74*	*8.12*	*8.71*
26	03402000	36°40′05″	83°41′19″	YELLOW CREEK NEAR MIDDLESBORO KY (1, 2)	60.6	60.6	35	2.179	61	3.28	60
	2.80	5.12	118	50.7	2.70	3.20	3.93	5.51	7.63	12.7	19.0	29.3	45.3	67.4	96.4	145	257
	0.67	1.78	112	38.3	0.00	0.00	1.36	2.10	3.49	6.90	12.3	21.0	36.8	62.7	96.3	148	259
	0.66	1.54	95.3	35.4	0.00	0.00	1.17	1.83	2.99	5.91	11.1	19.8	34.1	55.6	83.6	134	221
	0.52	*0.65*	*1.53*	*3.60*	*0.35*	*0.39*	*0.46*	*0.55*	*0.82*	*1.37*	*1.88*	*2.12*	*2.36*	*2.47*	*3.32*	*5.23*	*5.67*
27	03403000	36°48′48″	83°45′58″	CUMBERLAND RIVER NEAR PINEVILLE KY (1)	809	809	38	2.174	62	3.37	48
	16.8	41.8	1402	600	15.4	20.6	29.8	53.6	85.0	152	250	385	600	921	1341	1929	3202
	16.0	35.9	1356	590	15.9	21.1	28.6	45.8	71.9	136	234	381	597	881	1254	1842	3132
	16.3	34.1	1318	592	15.9	20.4	26.7	40.5	64.2	112	213	355	574	877	1241	1859	3000
	0.85	*0.99*	*7.50*	*11.6*	*0.44*	*0.55*	*0.62*	*0.75*	*1.28*	*2.95*	*4.64*	*6.39*	*8.65*	*9.31*	*9.46*	*9.66*	*10.2*
28	03403500	36°51′43″	83°53′14″	CUMBERLAND RIVER AT BARBOURVILLE KY (1)	960	960	37	2.175	63	3.18	50
	24.5	58.1	1736	677	19.1	29.1	46.3	75.5	108	188	304	489	772	1158	1636	2349	4152
	18.6	43.3	1627	709	18.2	24.5	34.1	55.0	87.6	166	286	465	726	1066	1513	2219	3757
	16.7	35.7	1553	679	16.3	21.1	27.8	42.7	68.4	130	235	399	657	1014	1444	2182	3551
	0.85	*1.03*	*7.71*	*12.7*	*0.45*	*0.57*	*0.66*	*0.82*	*1.43*	*3.47*	*5.63*	*7.43*	*9.59*	*9.94*	*9.82*	*9.83*	*10.0*
29	03403910	36°38′02″	84°06′51″	CLEAR FORK AT SAXTON KY (1)	331	331	33	2.185	63	3.26	27
	8.08	19.2	531	258	7.55	11.2	14.4	21.4	33.8	59.8	98.4	158	247	358	497	705	1170
	2.34	8.24	593	231	2.27	3.69	5.92	10.9	20.2	43.7	82.7	142	233	357	515	777	1385
	2.23	5.68	536	186	2.21	3.03	4.23	6.96	12.1	25.9	52.6	99.4	180	304	461	749	1261
	0.86	*1.06*	*8.11*	*16.5*	*0.35*	*0.43*	*0.49*	*0.60*	*0.98*	*1.89*	*3.21*	*5.20*	*8.26*	*9.85*	*14.6*	*14.1*	*11.7*
30	03404000	36°44′36″	84°09′22″	CUMBERLAND RIVER AT WILLIAMSBURG KY (1)	1607	1607	35	2.184	64	3.04	50
	31.8	83.1	2677	1048	28.0	43.3	68.8	109	158	295	483	760	1193	1782	2500	3740	6586
	28.9	72.0	2648	1157	28.0	38.7	55.6	91.3	144	273	474	765	1185	1739	2473	3581	5947
	19.5	44.4	2627	1062	19.2	25.4	34.2	54.1	89.8	180	341	607	1032	1643	2378	3664	6066
	0.91	*1.11*	*8.17*	*18.6*	*0.50*	*0.66*	*0.77*	*0.95*	*1.67*	*4.26*	*6.94*	*8.83*	*11.3*	*12.0*	*12.3*	*13.0*	*9.71*
31	03404900	36°57′05″	84°05′37″	LYNN CAMP CREEK AT CORBIN KY (1, 2)	53.8	53.0	35	2.176	42	1.48	27
	0.25	1.47	85.8	39.7	0.32	0.60	0.91	1.78	3.34	7.80	14.5	23.7	35.8	51.1	71.5	107	199
	0.00	1.22	87.4	30.7	0.00	0.00	0.94	1.45	2.43	4.94	8.78	15.4	27.3	46.5	73.4	119	212
	0.00	0.99	72.7	25.6	0.00	0.00	0.76	1.18	1.90	3.94	7.45	13.4	23.7	39.0	60.8	101	176
	0.55	*0.70*	*1.52*	*2.95*	*0.41*	*0.48*	*0.56*	*0.65*	*0.96*	*1.55*	*1.88*	*1.91*	*2.02*	*1.96*	*2.60*	*4.19*	*5.22*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
32	03405000	36°58′09″	84°07′38″	LAUREL RIVER AT CORBIN KY (1, 2)	201	202	35	2.176	47	1.44	31
	0.62	1.55	338	125	0.91	1.06	1.34	1.82	2.75	7.43	21.3	51.5	106	184	287	461	864
	1.54	4.33	353	136	1.60	2.31	3.29	5.67	10.2	22.4	42.3	76.8	132	207	306	469	826
	1.72	3.97	281	103	1.68	2.30	3.09	4.77	7.71	15.9	30.1	54.2	95.4	155	237	387	675
	0.84	*1.03*	*5.78*	*9.56*	*0.34*	*0.42*	*0.49*	*0.58*	*0.95*	*1.81*	*2.96*	*4.35*	*5.50*	*4.89*	*8.50*	*10.8*	*9.12*
33	03406000	37°09′40″	84°06′43″	WOOD CREEK NEAR LONDON KY (1, 2)	3.89	3.90	35	2.171	66	1.82	17
	0.27	0.35	5.34	2.56	0.23	0.25	0.27	0.30	0.43	0.58	0.90	1.42	2.19	3.36	4.74	7.04	12.7
	0.00	0.23	7.63	3.10	0.00	0.00	0.00	0.00	0.34	0.56	0.94	1.58	2.81	4.52	6.41	8.78	15.6
	0.00	0.08	5.30	1.77	0.00	0.00	0.00	0.00	0.14	0.27	0.51	0.93	1.64	2.74	4.29	7.26	12.5
	0.53	*0.77*	*1.00*	*2.21*	*0.79*	*0.81*	*0.95*	*1.19*	*1.43*	*1.85*	*1.93*	*1.77*	*1.54*	*1.23*	*1.31*	*2.24*	*3.18*
34	03406500	37°10′16″	84°17′46″	ROCKCASTLE RIVER AT BILLOWS KY (1)	604	604	35	2.174	78	1.76	64
	3.95	10.2	930	373	4.01	5.91	8.56	14.8	24.4	52.0	105	190	326	514	793	1250	2190
	9.08	25.8	1038	438	8.82	13.4	20.1	32.8	53.2	99.3	174	281	434	643	922	1379	2402
	6.51	14.4	880	340	6.37	8.47	11.3	17.3	27.8	54.0	102	183	319	512	754	1196	2042
	0.79	*1.04*	*7.98*	*22.1*	*0.39*	*0.51*	*0.59*	*0.74*	*1.30*	*3.08*	*5.63*	*8.29*	*12.1*	*13.3*	*13.4*	*13.6*	*11.7*
35	03407500	37°12′38″	84°27′52″	BUCK CREEK NEAR SHOPVILLE KY (1, 2)	165	165	46	2.175	52	1.63	39
	0.00	0.09	276	106	0.00	0.00	0.00	0.26	1.28	9.71	24.1	49.8	90.1	145	212	360	684
	3.84	7.53	253	107	3.95	4.93	6.27	9.14	13.9	24.7	39.7	63.6	99.6	149	222	338	589
	5.12	9.39	233	110	4.92	6.16	7.70	10.7	15.4	26.3	42.4	66.0	102	150	214	321	532
	0.62	*0.79*	*1.51*	*4.30*	*0.30*	*0.37*	*0.44*	*0.53*	*0.87*	*1.76*	*2.79*	*3.49*	*3.35*	*2.46*	*3.05*	*4.62*	*6.87*
40	03410500	36°37′47″	84°31′55″	S FORK CUMBERLAND RIVER NR STERNS KY (1)	954	954	34	2.204	43	3.53	58
	22.1	43.1	1762	663	23.9	29.5	36.6	53.7	81.3	148	259	433	708	1080	1575	2351	4071
	8.49	21.9	1635	626	8.53	11.6	16.5	29.3	51.5	112	212	380	648	1005	1474	2189	3765
	8.15	20.2	1624	596	8.12	11.0	15.2	25.1	43.4	94.0	184	335	589	968	1455	2296	3841
	1.02	*1.23*	*11.4*	*21.1*	*0.46*	*0.58*	*0.67*	*0.83*	*1.33*	*2.65*	*4.12*	*6.00*	*8.25*	*9.12*	*13.0*	*14.7*	*11.6*
41	03411000	36°50′25″	84°35′00″	S FORK CUMBERLAND RIVER NR NEVELSVILLE KY (1)	1271	1267	36	2.192	48	3.27	33
	23.6	45.8	2191	908	23.2	30.4	39.9	61.2	94.8	176	307	523	887	1334	1893	2855	5113
	18.6	42.3	2060	873	18.6	24.4	33.1	54.7	89.5	180	320	541	880	1325	1912	2796	4694
	17.3	39.0	2110	868	17.0	22.5	30.1	47.5	78.3	158	292	506	850	1339	1948	2978	4908
	0.92	*1.35*	*8.35*	*23.8*	*0.50*	*0.65*	*0.76*	*0.96*	*1.72*	*4.59*	*7.62*	*9.69*	*12.2*	*12.6*	*12.4*	*13.3*	*10.6*
42	03411500	36°59′28″	84°37′11″	CUMBERLAND RIVER AT BURNSIDE KY (1)	4865	4867	36	2.185	61	2.65	35
	84.3	149	7630	3254	86.3	106	135	197	311	672	1219	2079	3374	4961	7043	10600	19000
	81.3	184	8053	3486	81.5	109	151	242	401	802	1403	2304	3693	5512	7811	11320	18982
	70.9	155	7911	3399	69.5	91.4	121	189	309	611	1133	1960	3293	5121	7286	10994	18232
	1.72	*2.76*	*9.60*	*15.7*	*1.05*	*1.51*	*1.93*	*2.42*	*2.98*	*4.92*	*7.84*	*10.4*	*12.0*	*12.8*	*14.7*	*14.4*	*8.24*
43	03412500	37°07′01″	84°35′31″	PITMAN CREEK AT SUMERSET KY (1, 2)	31.3	31.1	50	2.179	72	1.52	18
	0.05	0.33	43.6	17.1	0.06	0.12	0.21	0.37	0.68	1.88	3.94	7.07	12.5	21.1	35.5	59.4	114
	1.57	2.63	48.5	20.4	1.54	1.83	2.18	2.84	3.77	5.91	8.70	12.9	19.7	30.2	43.2	64.5	107
	1.23	2.12	42.7	19.8	1.18	1.43	1.76	2.34	3.21	5.06	7.88	12.0	18.3	26.7	38.1	57.6	95.1
	0.59	*0.85*	*0.64*	*1.98*	*0.67*	*0.74*	*0.88*	*1.01*	*1.13*	*1.31*	*1.37*	*1.31*	*1.30*	*1.11*	*1.20*	*1.71*	*2.55*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
44	03413200	36°47′51″	84°53′46″	BEAVER CREEK NEAR MONTICELLO KY (1, 2)							43.4	43.2	50	2.222	61	2.07	26
	1.29	1.80	60.6	25.0	1.20	1.40	1.60	1.99	2.56	3.97	6.39	11.3	19.3	29.9	45.5	70.4	130
	1.61	2.62	66.1	26.2	1.60	1.89	2.24	2.85	3.77	5.96	8.91	13.4	24.6	38.2	56.2	86.1	148
	1.71	3.03	65.8	28.7	1.65	2.01	2.48	3.37	4.73	7.61	11.9	18.0	27.5	40.9	58.8	88.5	145
	0.49	*0.66*	*0.79*	*2.38*	*0.52*	*0.55*	*0.62*	*0.71*	*0.83*	*0.98*	*1.00*	*0.96*	*1.62*	*1.40*	*1.72*	*2.93*	*3.59*
85	03435140	36°52′29″	87°05′20″	WHIPPOORWILL CREEK NEAR CLAYMOUR KY (1, 2)							20.8	20.7	50	2.293	28	1.03	17
	0.00	0.00	34.2	9.81	0.00	0.00	0.00	0.00	0.50	0.79	1.90	3.62	6.27	9.48	15.7	27.3	64.7
	0.51	1.02	34.5	10.0	0.50	0.65	0.83	1.14	1.58	2.44	3.90	6.18	9.53	15.5	26.9	47.6	85.2
	0.49	0.92	30.2	10.6	0.48	0.61	0.76	1.04	1.47	2.60	4.07	6.32	10.1	15.8	24.7	39.3	69.8
	0.38	*0.65*	*4.10*	*4.19*	*0.36*	*0.39*	*0.45*	*0.59*	*0.72*	*0.95*	*1.47*	*2.05*	*2.24*	*2.18*	*3.22*	*4.78*	*7.56*
94	03437500	36°50′22″	87°28′52″	S FORK LITTLE RIVER AT HOPKINSVILLE KY (1, 2)							46.5	46.2	64	2.294	52	1.09	23
	0.39	0.75	65.8	23.8	0.38	0.46	0.55	0.76	1.25	2.62	5.01	9.17	17.6	31.8	51.9	81.9	155
	2.08	3.34	73.1	27.5	2.03	2.38	2.86	3.73	4.85	7.26	10.8	15.9	25.6	39.1	62.0	98.7	170
	2.38	3.82	68.6	27.7	2.31	2.74	3.27	4.19	5.50	8.37	12.2	17.7	26.6	39.3	57.8	87.1	150
	0.44	*0.66*	*4.56*	*4.64*	*0.39*	*0.42*	*0.46*	*0.51*	*0.58*	*0.66*	*0.87*	*1.08*	*2.46*	*2.19*	*3.02*	*4.07*	*7.41*
95	03438000	36°46′40″	87°43′18″	LITTLE RIVER NEAR CADIZ KY (1)							244	244	72	2.327	63	1.21	62
	12.7	19.4	355	153	11.4	13.2	15.9	21.8	28.1	40.6	59.6	92.4	138	213	324	503	847
	16.6	24.3	385	153	16.2	18.4	21.2	26.6	33.7	48.4	68.5	96.8	148	225	341	511	872
	17.5	26.5	392	164	16.9	19.6	23.0	29.1	37.7	54.7	77.6	110	162	234	334	486	828
	1.91	*1.83*	*4.27*	*5.21*	*1.94*	*2.01*	*1.92*	*2.05*	*2.29*	*2.67*	*2.98*	*3.16*	*3.67*	*3.61*	*3.78*	*4.79*	*7.52*
96	03438070	36°58′40″	87°42′36″	MUDDY FORK LITTLE RIVER NR CERULEAN KY (1, 2)							30.5	30.3	50	2.296	38	1.21	15
	0.00	0.00	49.2	14.8	0.00	0.00	0.00	0.00	0.35	0.47	1.47	3.34	6.65	12.4	21.9	39.8	94.6
	0.70	1.33	48.8	15.3	0.67	0.85	1.08	1.49	2.07	3.31	5.42	8.65	13.6	22.0	37.2	64.2	116
	0.82	1.51	45.7	16.3	0.81	1.01	1.25	1.70	2.40	4.09	6.40	9.92	15.8	24.5	37.7	59.1	103
	0.40	*0.72*	*6.89*	*4.78*	*0.36*	*0.38*	*0.45*	*0.60*	*0.76*	*1.05*	*1.63*	*2.37*	*2.80*	*2.75*	*4.20*	*5.74*	*10.9*
97	03439500	35°08′55″	82°47′59″	FRENCH BROAD RIVER AT CALVERT NC (1)							103	103	175	2.265	56	2.57	30
	71.8	96.9	344	275	63.3	70.2	83.6	106	128	166	202	239	279	320	377	457	590
	41.5	59.6	234	181	36.2	40.7	47.1	59.9	75.1	101	126	152	182	216	260	319	426
	34.3	41.8	173	109	32.3	34.1	37.5	43.5	50.8	62.0	73.6	87.7	108	137	177	230	352
	1.03	*1.11*	*0.74*	*1.05*	*0.38*	*0.40*	*0.45*	*0.50*	*0.58*	*0.62*	*0.64*	*0.73*	*0.82*	*0.90*	*0.90*	*0.94*	*1.25*
98	03440000	35°12′40″	82°47′00″	CATHEYS CREEK NEAR BREVARD NC (1)							11.4	11.4	175	2.260	74	2.38	24
	7.35	10.0	35.6	29.9	6.98	7.48	8.21	10.4	13.1	17.0	20.8	25.0	29.4	34.2	40.3	48.4	63.3
	3.81	5.88	28.1	21.5	3.56	4.19	5.03	6.39	8.02	10.8	13.8	17.2	20.8	25.1	30.5	37.9	51.5
	3.72	4.47	18.2	10.8	3.50	3.65	4.01	4.52	5.16	6.00	7.09	8.49	10.6	13.6	17.8	23.9	36.6
	1.00	*0.95*	*1.33*	*1.14*	*0.54*	*0.45*	*0.46*	*0.44*	*0.46*	*0.54*	*0.63*	*0.75*	*0.97*	*1.40*	*1.73*	*1.89*	*2.33*
99	03441000	35°16′23″	82°42′21″	DAVIDSON RIVER NEAR BREVARD NC (1)							40.4	40.2	175	2.253	81	2.72	77
	23.4	32.5	128	100	20.7	24.2	27.2	34.2	42.2	55.8	69.7	84.6	101	118	140	171	232
	16.1	23.3	97.7	74.0	14.3	16.5	19.4	24.5	30.4	40.0	50.4	61.8	75.2	89.6	108	131	176
	14.7	17.5	66.4	41.9	13.8	14.3	15.7	17.9	20.5	23.8	28.1	33.5	41.3	52.2	66.8	87.5	132
	1.22	*1.20*	*0.91*	*1.21*	*0.47*	*0.48*	*0.51*	*0.51*	*0.58*	*0.72*	*0.84*	*0.95*	*1.08*	*1.22*	*1.25*	*1.31*	*1.48*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

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MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
100	03441440	35°11′32″	82°36′49″	LITTLE RIVER AB HIGH FALLS NR CEDAR MTN NC (1)	26.8	26.9	175	2.244	68	2.49	28
	15.0	23.4	104	78.0	14.3	16.8	20.6	26.1	32.6	45.4	56.4	67.0	79.6	94.1	113	138	188
	10.4	15.5	69.2	52.3	9.54	11.1	13.1	16.7	21.0	28.2	35.9	44.1	53.3	63.4	76.0	93.5	126
	9.13	11.0	43.0	27.2	8.56	8.97	9.83	11.2	12.9	15.2	18.0	21.5	26.5	33.5	43.4	57.3	86.9
	1.26	*1.28*	*0.94*	*1.28*	*0.54*	*0.52*	*0.53*	*0.53*	*0.60*	*0.76*	*0.91*	*1.04*	*1.16*	*1.30*	*1.33*	*1.37*	*1.51*
101	03442000	35°14′02″	82°36′39″	CRAB CREEK NEAR PENROSE NC (1)	10.9	10.6	175	2.241	37	2.60	12
	6.47	8.59	28.4	22.4	5.75	6.27	7.49	9.08	11.2	14.3	17.0	20.4	23.7	27.2	31.8	37.8	49.2
	3.02	5.25	26.9	21.1	2.77	3.41	4.31	5.80	7.59	10.8	14.0	17.6	21.0	24.5	29.3	36.5	50.6
	3.00	3.81	16.9	10.5	2.83	3.04	3.36	3.93	4.60	5.85	6.90	8.24	10.2	13.0	17.3	23.2	35.5
	0.68	*0.66*	*1.11*	*1.00*	*0.34*	*0.27*	*0.28*	*0.28*	*0.32*	*0.44*	*0.55*	*0.66*	*0.80*	*1.10*	*1.28*	*1.36*	*1.71*
102	03443000	35°17′56″	82°37′26″	FRENCH BROAD RIVER AT BLANTYRE NC (1)	296	296	175	2.238	66	2.51	81
	201	275	986	782	180	204	236	288	353	469	577	686	800	925	1081	1302	1742
	111	163	612	507	94.6	108	128	165	207	276	343	410	487	572	682	837	1112
	110	130	487	336	103	108	118	136	159	191	227	269	329	407	510	652	985
	1.09	*1.08*	*0.73*	*0.97*	*0.36*	*0.42*	*0.44*	*0.48*	*0.57*	*0.63*	*0.68*	*0.76*	*0.83*	*0.88*	*0.90*	*1.00*	*1.32*
103	03444000	35°22′10″	82°33′50″	BOYLSTON CREEK NEAR HORSESHOE NC (1)	14.8	14.8	175	2.233	84	2.29	12
	7.44	9.82	32.8	26.8	6.39	7.32	8.60	10.6	13.3	16.7	20.1	23.1	26.4	30.6	35.6	42.8	54.5
	4.41	6.83	37.7	26.9	4.06	4.84	5.81	7.45	9.45	13.1	17.0	21.5	26.8	32.8	40.3	50.5	69.8
	5.14	6.07	22.8	14.4	4.80	5.00	5.47	6.13	6.94	7.96	9.40	11.2	13.9	17.6	22.7	30.1	45.8
	0.82	*0.80*	*1.02*	*1.11*	*0.36*	*0.31*	*0.32*	*0.32*	*0.37*	*0.50*	*0.64*	*0.76*	*0.88*	*1.15*	*1.18*	*1.16*	*1.62*
104	03444500	35°21′58″	82°44′22″	S FORK MILLS RIVER AT THE PINK BEDS NC (1)	9.99	10.1	175	2.246	80	2.72	31
	3.77	6.21	31.9	24.9	3.74	4.46	5.10	6.63	8.66	12.9	16.5	20.2	24.2	28.7	34.2	42.2	59.6
	2.96	4.53	24.3	17.8	2.77	3.26	3.88	4.92	6.20	8.53	11.0	14.0	17.4	21.2	26.0	32.4	44.8
	3.55	4.24	16.3	9.99	3.33	3.45	3.79	4.28	4.88	5.61	6.62	7.90	9.77	12.4	16.2	21.5	32.5
	0.72	*0.70*	*1.24*	*1.08*	*0.36*	*0.29*	*0.30*	*0.31*	*0.35*	*0.47*	*0.58*	*0.69*	*0.87*	*1.22*	*1.45*	*1.52*	*1.93*
105	03446000	35°23′55″	82°35′42″	MILLS RIVER NEAR MILLS RIVER NC (1)	66.7	66.6	175	2.226	58	2.69	69
	29.9	42.5	168	132	25.5	29.7	33.9	43.8	54.4	74.3	93.0	114	136	159	188	230	301
	24.3	35.5	156	118	21.7	24.5	28.5	36.4	46.2	63.6	81.2	99.3	120	143	172	213	287
	23.4	28.3	107	72.7	21.9	23.1	25.3	29.2	34.0	41.3	48.8	57.9	70.8	87.9	112	146	219
	0.99	*1.00*	*0.68*	*1.02*	*0.39*	*0.39*	*0.41*	*0.42*	*0.49*	*0.57*	*0.65*	*0.74*	*0.80*	*0.86*	*0.85*	*0.90*	*1.17*
106	03446500	35°21′14″	82°26′40″	CLEAR CREEK NEAR HENDERSONVILLE NC (1)	42.2	42.6	175	2.237	74	2.45	10
	12.6	18.4	70.0	58.2	11.0	12.2	15.0	19.5	23.1	30.4	37.6	45.8	53.6	62.5	73.6	87.5	118
	16.0	23.6	104	78.5	14.2	16.4	19.5	24.9	31.3	41.8	52.9	65.0	78.9	94.0	113	139	190
	15.1	18.0	67.8	44.1	14.1	14.8	16.2	18.4	21.1	24.7	29.2	34.8	42.9	53.8	68.8	90.2	137
	1.18	*1.20*	*0.81*	*1.18*	*0.42*	*0.44*	*0.47*	*0.48*	*0.54*	*0.69*	*0.82*	*0.93*	*1.01*	*1.12*	*1.12*	*1.15*	*1.31*
107	03447000	35°23′14″	82°30′14″	MUD CREEK AT U.S. 25 AT NAPLES NC (1)	110	110	175	2.234	76	2.43	16
	39.7	54.4	196	170	32.9	40.2	50.4	60.0	70.0	89.1	105	123	143	165	196	240	329
	42.2	61.6	243	187	37.2	41.8	48.7	61.6	77.3	104	130	157	189	223	267	327	442
	40.9	48.2	177	119	38.2	39.9	43.6	49.7	57.2	67.3	79.7	94.7	116	145	182	236	357
	1.15	*1.15*	*0.60*	*0.90*	*0.45*	*0.47*	*0.51*	*0.52*	*0.56*	*0.58*	*0.61*	*0.68*	*0.73*	*0.77*	*0.76*	*0.79*	*1.03*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
108	03447500	35°26′08″	82°29′23″	CANE CREEK AT FLETCHER NC (1)							63.1	63.1	175	2.233	66	2.32	15
	12.0	17.8	73.7	55.1	11.7	13.7	15.7	19.6	24.3	31.1	37.5	46.0	55.5	65.4	77.7	94.7	127
	23.1	33.4	148	112	20.6	23.3	27.0	34.4	43.5	59.6	76.1	93.4	113	135	163	201	272
	21.8	26.0	99.8	66.0	20.4	21.4	23.5	26.8	30.9	36.9	43.7	51.9	64.0	79.9	102	134	203
	0.99	*1.01*	*0.69*	*1.04*	*0.39*	*0.39*	*0.41*	*0.42*	*0.49*	*0.57*	*0.65*	*0.74*	*0.81*	*0.88*	*0.87*	*0.92*	*1.19*
109	03448500	35°32′28″	82°40′35″	HOMINY CREEK AT CANDLER NC (1)							79.8	79.9	175	2.219	68	2.57	34
	20.7	29.8	96.1	77.0	18.4	20.7	24.1	30.3	37.7	46.9	55.8	66.1	77.6	90.2	105	126	163
	28.8	42.1	182	138	25.6	28.9	33.7	42.9	54.2	74.1	94.1	115	139	165	200	246	333
	29.3	34.9	127	87.6	27.4	28.7	31.4	36.0	41.5	49.5	58.6	69.4	84.8	105	133	172	258
	0.99	*1.00*	*0.62*	*0.97*	*0.37*	*0.38*	*0.40*	*0.42*	*0.48*	*0.56*	*0.64*	*0.71*	*0.77*	*0.81*	*0.80*	*0.84*	*1.07*
110	03449000	35°39′11″	82°21′04″	N FORK SWANNONOA RIVER NR BLACK MTN NC (1)							23.8	24.0	175	2.190	73	3.02	32
	1.35	2.34	47.6	34.6	1.23	1.54	1.81	2.67	4.09	8.07	14.3	21.4	30.1	40.3	51.4	66.9	101
	8.20	11.8	56.9	42.9	7.55	8.57	9.91	12.6	15.9	22.0	28.2	35.0	42.8	51.4	62.1	77.1	105
	9.29	11.1	37.2	26.6	8.63	9.01	9.88	11.3	12.9	15.2	17.9	21.1	25.5	31.4	39.5	51.2	75.5
	0.89	*0.88*	*0.41*	*0.65*	*0.37*	*0.31*	*0.33*	*0.34*	*0.38*	*0.47*	*0.54*	*0.56*	*0.56*	*0.61*	*0.58*	*0.64*	*0.77*
111	03450000	35°39′11″	82°24′20″	BEE TREE CREEK NEAR SWANNONOA NC (1)							5.46	5.44	175	2.193	69	2.72	66
	0.62	1.08	10.6	7.03	0.59	0.71	0.89	1.28	1.69	2.81	4.03	5.56	7.30	9.32	12.2	15.8	22.4
	1.80	2.59	13.0	9.25	1.79	1.98	2.24	2.80	3.51	4.92	6.44	8.19	9.85	11.6	13.8	16.6	23.6
	1.91	2.30	8.14	5.50	1.77	1.86	2.04	2.31	2.63	3.07	3.61	4.29	5.23	6.53	8.41	11.2	16.7
	0.60	*0.63*	*0.53*	*0.93*	*0.34*	*0.25*	*0.26*	*0.27*	*0.32*	*0.44*	*0.56*	*0.62*	*0.68*	*0.79*	*0.72*	*0.69*	*0.86*
112	03451000	35°34′06″	82°32′42″	SWANNONOA RIVER AT BILTMORE NC (1)							130	130	175	2.206	70	2.64	73
	14.8	26.7	158	112	13.0	15.9	20.3	28.4	37.3	52.3	67.3	84.2	106	131	168	218	313
	48.7	71.8	285	222	42.7	48.2	56.7	72.4	91.2	122	153	185	222	262	314	384	517
	50.1	59.3	206	148	46.6	48.9	53.5	61.3	70.8	84.4	99.9	118	143	175	219	280	418
	1.14	*1.13*	*0.58*	*0.84*	*0.43*	*0.47*	*0.50*	*0.50*	*0.54*	*0.57*	*0.60*	*0.64*	*0.68*	*0.73*	*0.72*	*0.76*	*1.01*
113	03453000	35°46′10″	82°37′16″	IVY CREEK NEAR MARSHALL NC (1)							158	158	175	2.206	56	2.51	47
	16.8	25.5	151	97.0	16.9	19.3	21.8	27.4	35.0	47.7	60.1	75.7	95.3	120	152	202	299
	59.1	88.4	351	275	51.7	58.4	68.8	89.1	113	154	193	233	277	326	390	480	635
	56.8	68.3	248	180	53.0	56.1	61.5	71.2	82.9	102	121	142	173	212	266	341	512
	1.13	*1.12*	*0.58*	*0.83*	*0.42*	*0.46*	*0.50*	*0.50*	*0.54*	*0.57*	*0.60*	*0.64*	*0.69*	*0.74*	*0.73*	*0.78*	*1.03*
114	03454000	35°55′11″	82°45′42″	BIG LAUREL CREEK NEAR STACKHOUSE NC (1)							126	126	175	2.200	35	2.90	37
	26.1	35.6	183	131	24.4	26.7	29.5	36.7	45.0	60.2	77.2	97.3	122	151	188	242	358
	26.2	37.8	226	155	24.8	27.7	32.0	40.5	50.9	70.7	91.9	117	147	183	230	298	441
	26.6	36.2	201	135	25.1	27.9	31.5	38.9	48.2	66.7	83.5	104	131	165	216	285	432
	1.30	*1.29*	*0.79*	*1.44*	*0.83*	*0.87*	*0.89*	*0.84*	*0.85*	*0.92*	*1.00*	*1.08*	*1.11*	*1.12*	*1.08*	*1.08*	*1.49*
116	03456000	35°26′38″	82°54′46″	WF PIGEON R, LAKE LOGAN, WAYNESBORO NC (1)							55.3	55.1	175	2.255	76	3.20	27
	27.6	36.8	164	109	27.2	29.1	33.1	39.1	45.7	59.2	78.6	100	121	147	179	224	313
	23.5	32.5	131	97.2	21.3	23.7	27.3	33.8	41.3	54.4	67.8	82.8	101	120	144	176	238
	20.9	25.0	93.9	60.4	19.7	20.4	22.4	25.7	29.8	34.9	41.2	49.0	60.1	75.7	96.3	125	187
	1.41	*1.40*	*0.74*	*0.98*	*0.64*	*0.63*	*0.68*	*0.67*	*0.71*	*0.68*	*0.67*	*0.73*	*0.82*	*0.91*	*0.93*	*1.01*	*1.28*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

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MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
117	03458500	35°34′37″	82°57′07″	PIGEON RIVER NEAR CRABTREE NC (1)	243	242	175	2.215	78	2.87	8
	66.4	104	471	394	61.4	68.3	82.0	114	144	193	259	319	381	450	541	661	848
	86.4	127	491	397	75.0	84.4	98.8	127	161	215	266	320	384	453	543	669	895
	99.4	117	396	287	92.7	96.5	105	121	140	165	196	231	280	342	422	535	795
	1.31	*1.33*	*0.69*	*0.97*	*0.42*	*0.49*	*0.54*	*0.59*	*0.66*	*0.68*	*0.72*	*0.79*	*0.85*	*0.89*	*0.86*	*0.91*	*1.19*
118	03459000	35°37′22″	83°00′26″	JONATHAN CREEK NEAR COVE PARK NC (1)	65.3	65.7	175	2.214	61	3.03	42
	27.4	34.8	129	87.8	26.0	27.8	30.4	36.5	43.4	54.4	65.5	78.9	96.5	118	145	178	241
	23.6	34.4	153	116	21.0	23.7	27.6	35.3	44.8	61.6	78.7	96.5	116	139	168	207	279
	24.4	29.5	106	74.5	22.8	24.0	26.3	30.5	35.5	42.8	50.6	59.8	72.5	89.5	113	146	217
	1.02	*1.04*	*0.67*	*1.01*	*0.40*	*0.40*	*0.41*	*0.43*	*0.50*	*0.58*	*0.65*	*0.73*	*0.79*	*0.85*	*0.83*	*0.88*	*1.14*
119	03459500	35°38′05″	82°59′21″	PIGEON RIVER NEAR HEPCO NC (1)	350	350	175	2.214	73	2.87	74
	124	164	672	461	118	128	144	170	206	272	341	417	505	606	727	898	1274
	134	194	725	591	115	131	154	196	246	326	403	482	575	679	808	989	1309
	143	169	574	422	133	139	152	176	205	244	289	341	412	501	617	779	1157
	1.12	*1.16*	*0.68*	*0.87*	*0.35*	*0.43*	*0.46*	*0.50*	*0.59*	*0.63*	*0.68*	*0.75*	*0.81*	*0.84*	*0.84*	*0.91*	*1.23*
120	03460000	35°40′02″	83°04′22″	CATALOOCHEE CR NR CATALOOCHEE NC (1)	49.2	49.2	175	2.214	52	3.17	57
	21.8	27.6	111	76.5	19.6	21.2	23.7	28.4	34.1	44.1	54.7	67.0	81.4	98.2	120	150	210
	15.2	21.5	106	77.5	14.0	15.7	18.2	23.0	28.8	39.2	50.2	62.5	76.6	92.0	111	138	196
	15.4	19.3	79.9	54.2	14.4	15.4	17.0	20.1	23.8	29.9	35.9	43.0	52.9	66.1	84.8	111	165
	1.00	*1.03*	*0.67*	*1.08*	*0.51*	*0.48*	*0.48*	*0.48*	*0.54*	*0.65*	*0.75*	*0.82*	*0.84*	*0.89*	*0.87*	*0.93*	*1.22*
124	03462000	35°53′59″	82°01′50″	NORTH TOE RIVER NEAR ALTAPASS NC (1)	104	105	163	2.170	80	3.05	19
	35.0	47.0	188	153	36.4	37.9	40.7	48.6	60.4	80.4	99.4	121	145	173	208	254	341
	31.3	44.0	192	144	29.1	32.4	37.2	46.2	56.8	75.0	93.9	115	141	170	207	258	361
	41.2	49.0	162	125	38.2	40.0	43.9	50.5	58.7	69.6	83.1	98.6	119	144	177	226	330
	1.02	*1.04*	*0.61*	*0.93*	*0.41*	*0.46*	*0.47*	*0.47*	*0.53*	*0.63*	*0.73*	*0.76*	*0.80*	*0.88*	*0.85*	*0.86*	*1.14*
125	03463300	35°49′53″	82°11′04″	SOUTH TOE RIVER NEAR CELO NC (1)	43.3	43.3	175	2.176	76	2.96	44
	16.4	25.5	141	98.5	14.9	17.0	19.8	26.7	36.0	51.7	67.1	82.0	98.1	118	143	180	262
	13.8	19.3	87.8	65.8	12.4	14.1	16.3	20.4	25.3	33.8	42.6	52.5	64.0	76.7	91.7	112	157
	17.5	20.7	66.4	49.7	16.2	17.0	18.5	21.1	24.3	28.4	33.5	39.5	47.4	57.7	71.6	92.0	135
	1.05	*1.06*	*0.56*	*0.85*	*0.43*	*0.40*	*0.41*	*0.41*	*0.46*	*0.53*	*0.60*	*0.64*	*0.66*	*0.71*	*0.66*	*0.66*	*0.93*
126	03463500	35°54′22″	82°11′19″	SOUTH TOE RIVER AT NEWDALE NC (1)	59.9	58.5	175	2.173	70	2.87	18
	26.5	36.1	175	146	23.6	25.5	28.9	35.9	48.3	67.9	84.6	102	122	145	176	223	319
	18.2	25.8	117	88.8	16.7	18.8	21.7	27.3	33.9	45.5	57.6	71.0	86.4	103	124	152	213
	23.3	27.6	89.2	67.8	21.6	22.6	24.8	28.3	32.6	38.7	45.7	53.7	64.5	78.1	96.9	124	183
	1.05	*1.08*	*0.62*	*0.89*	*0.43*	*0.42*	*0.44*	*0.44*	*0.49*	*0.57*	*0.64*	*0.67*	*0.69*	*0.79*	*0.75*	*0.76*	*1.11*
127	03464000	36°00′52″	82°19′40″	CANE RIVER NEAR SIOUX NC (1)	157	157	158	2.169	69	3.02	37
	40.6	58.4	247	180	37.2	40.8	46.7	58.5	73.4	97.7	121	146	176	215	262	332	461
	46.9	67.8	290	222	42.1	47.3	55.4	70.5	87.6	116	145	178	216	258	314	392	546
	57.8	70.0	244	189	53.6	56.7	62.5	72.8	85.5	104	125	149	180	218	269	342	502
	1.49	*1.40*	*0.64*	*0.99*	*0.58*	*0.68*	*0.73*	*0.72*	*0.75*	*0.79*	*0.84*	*0.85*	*0.88*	*0.92*	*0.86*	*0.85*	*1.16*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
138	03471500	36°45′37″	81°37′53″	S FORK HOLSTON RIVER AT RIVERSIDE VA (1)							76.1	76.6	97	2.077	68	3.19	70
	18.9	22.6	111	68.1	17.8	19.1	21.7	23.9	27.2	34.4	43.6	55.6	70.7	89.6	114	153	229
	12.7	17.5	98.5	64.5	11.9	13.5	15.3	18.4	22.4	30.0	38.7	49.6	63.4	82.2	106	141	208
	15.6	21.3	106	86.2	14.4	16.0	18.3	22.5	28.0	37.4	49.0	62.5	78.7	96.8	120	158	230
	0.91	*1.07*	*0.75*	*1.93*	*0.77*	*0.82*	*0.89*	*1.08*	*1.45*	*1.71*	*1.87*	*1.80*	*1.54*	*1.33*	*1.44*	*1.79*	*2.21*
139	03472500	36°37′40″	81°47′28″	BEAVERDAM CREEK AT DAMASCUS VA (1)							56.0	55.7	100	2.088	52	3.45	11
	4.65	8.64	100	48.4	5.89	6.29	7.10	9.04	13.5	19.9	27.9	37.9	53.2	74.1	101	140	219
	7.86	10.9	59.0	38.1	7.17	8.47	9.67	11.4	13.5	17.8	22.9	29.2	37.0	47.8	64.6	96.0	141
	11.0	15.3	79.1	62.8	10.2	11.4	13.1	16.2	20.3	27.9	36.3	46.0	57.8	71.4	89.8	118	173
	0.92	*1.09*	*0.70*	*1.95*	*0.76*	*0.81*	*0.87*	*1.03*	*1.37*	*1.63*	*1.80*	*1.75*	*1.49*	*1.28*	*1.40*	*1.73*	*2.24*
140	03473000	36°39′06″	81°50′39″	S FORK HOLSTON RIVER NR DAMASCUS VA (1)							301	303	92	2.088	58	3.01	70
	73.1	89.5	473	302	68.1	72.6	81.9	92.9	110	143	187	237	302	388	499	665	1007
	47.5	63.7	388	254	43.8	49.6	56.0	66.2	79.6	107	140	182	235	302	396	561	858
	55.5	77.3	432	348	51.4	57.9	66.7	83.4	106	147	196	252	320	395	489	639	941
	0.72	*0.90*	*1.17*	*2.49*	*0.62*	*0.73*	*0.79*	*0.96*	*1.34*	*1.80*	*2.22*	*2.46*	*2.38*	*2.40*	*1.93*	*2.40*	*2.93*
141	03473500	36°53′19″	81°20′51″	MIDDLE FK HOLSTON RIVER AT GROSECLOSE VA (1)							7.39	7.46	100	2.056	44	1.86	10
	2.50	2.84	8.53	6.45	2.23	2.46	2.67	2.98	3.44	3.92	4.41	5.11	5.82	6.93	8.31	10.5	15.7
	0.72	1.00	5.87	3.67	0.58	0.74	0.87	1.05	1.24	1.66	2.15	2.78	3.60	4.60	6.50	10.4	15.5
	1.15	1.60	8.94	6.88	1.06	1.21	1.39	1.67	2.03	2.83	3.67	4.71	6.01	7.47	9.73	13.4	20.2
	0.83	*0.90*	*0.43*	*1.49*	*0.86*	*0.79*	*0.84*	*0.90*	*1.02*	*1.21*	*1.31*	*1.16*	*0.95*	*0.80*	*1.02*	*1.80*	*2.14*
142	03474000	36°48′26″	81°37′20″	M FK HOLSTON RIVER AT SEVEN MILE FORD VA (1)							132	132	98	2.074	70	2.98	45
	27.0	32.5	161	97.0	24.7	27.6	29.8	32.8	37.7	46.4	57.8	75.5	92.2	119	154	214	341
	26.7	35.0	177	122	25.0	27.8	30.9	36.3	43.3	56.9	72.7	91.9	116	149	191	250	367
	27.6	37.2	182	150	25.4	28.3	32.3	39.5	49.0	65.4	85.6	109	137	167	206	269	392
	0.97	*1.15*	*0.92*	*2.21*	*0.77*	*0.84*	*0.89*	*1.06*	*1.41*	*1.77*	*2.10*	*2.20*	*2.04*	*1.97*	*1.61*	*2.05*	*2.46*
143	03474500	36°47′46″	81°40′53″	MIDDLE FK HOLSTON RIVER AT CHILHOWIE VA (1)							155	155	98	2.077	71	2.92	10
	25.0	33.3	202	140	23.5	26.9	30.6	37.2	43.0	56.2	73.8	95.7	120	150	192	265	407
	33.4	43.1	207	145	31.0	34.3	38.1	44.6	52.7	68.4	86.7	109	136	175	224	292	427
	32.5	43.8	215	177	30.0	33.3	38.0	46.5	57.7	76.9	101	128	161	197	242	316	462
	0.94	*1.13*	*0.96*	*2.23*	*0.77*	*0.86*	*0.92*	*1.07*	*1.42*	*1.79*	*2.13*	*2.25*	*2.11*	*2.05*	*1.68*	*2.17*	*2.61*
144	03475000	36°42′47″	81°49′08″	M FORK HOLSTON RIVER NR MEADOWVIEW VA (1)							211	206	99	2.085	74	2.66	47
	43.6	54.6	241	164	34.4	38.9	43.6	52.9	63.2	78.6	96.4	117	145	188	242	326	499
	43.4	56.4	282	198	41.7	44.6	49.4	58.2	69.1	89.9	114	145	182	232	296	374	573
	43.3	57.8	285	232	39.9	44.3	50.5	61.5	75.9	101	132	168	212	259	318	415	612
	0.79	*0.98*	*1.11*	*2.28*	*0.67*	*0.76*	*0.82*	*0.96*	*1.27*	*1.62*	*1.99*	*2.23*	*2.23*	*2.15*	*1.67*	*2.13*	*2.80*
146	03477500	36°38′25″	82°06′42″	BEAVER CREEK NEAR WALLACE VA (1)							13.7	13.9	113	2.097	82	1.63	10
	3.27	3.86	14.1	10.3	3.37	3.49	3.66	4.20	4.72	5.55	6.75	8.27	10.3	13.4	16.8	21.1	27.8
	2.38	3.26	16.0	11.2	2.08	2.43	2.79	3.38	4.07	5.37	6.77	8.57	10.9	13.9	17.5	22.5	32.2
	2.85	3.65	17.2	12.7	2.62	2.88	3.24	3.74	4.38	5.50	7.00	8.84	11.3	14.0	17.9	24.3	37.0
	0.85	*0.91*	*0.51*	*1.43*	*0.72*	*0.68*	*0.73*	*0.78*	*0.89*	*1.07*	*1.17*	*1.09*	*0.95*	*0.86*	*1.18*	*2.08*	*2.38*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
147	03478400	36°37′54″	82°08′02″	BEAVER CREEK AT BRISTOL VA (1)	27.7	27.5	112	2.098	82	1.63	44
	8.54	10.0	31.4	26.2	7.08	7.57	8.54	10.2	11.7	14.8	18.1	21.6	26.6	32.2	39.3	48.7	63.1
	4.89	6.77	34.4	23.5	4.49	5.12	5.83	7.05	8.53	11.3	14.3	18.1	22.9	29.9	37.8	48.2	68.8
	5.72	7.32	34.6	25.9	5.25	5.79	6.51	7.55	8.89	11.2	14.3	18.1	23.0	28.6	36.2	48.9	74.3
	0.87	*0.92*	*0.48*	*1.30*	*0.69*	*0.70*	*0.75*	*0.80*	*0.90*	*1.05*	*1.13*	*1.05*	*0.91*	*0.80*	*0.98*	*1.77*	*2.07*
148	03479000	36°14′18″	81°49′22″	WATAUGA RIVER NEAR SUGAR GROVE NC (1)	92.1	91.0	75	2.153	78	3.48	62
	20.1	29.4	177	125	18.3	20.6	24.5	30.3	39.5	57.4	75.5	93.7	116	144	178	230	339
	10.1	15.2	130	75.3	9.86	11.1	12.8	16.3	21.1	30.4	41.2	55.5	74.3	98.4	131	178	280
	11.8	17.4	141	89.6	11.1	12.5	14.7	18.8	24.4	34.0	47.1	63.6	85.5	113	146	199	299
	0.82	*0.93*	*0.56*	*1.78*	*0.72*	*0.79*	*0.85*	*0.97*	*1.20*	*1.39*	*1.51*	*1.52*	*1.36*	*1.14*	*1.03*	*1.43*	*2.69*
151	03480500	36°10′07″	81°54′33″	ELK RIVER NEAR BANNER ELK NC (1)	17.8	18.2	75	2.158	88	3.64	5
	5.63	7.55	40.3	26.0	4.55	4.80	5.29	6.95	10.5	16.0	20.7	25.3	29.8	34.6	42.7	54.1	78.8
	1.76	2.86	27.3	15.1	1.67	2.03	2.42	3.01	3.85	5.73	7.91	10.7	14.5	19.9	26.2	35.0	55.7
	2.31	3.41	27.8	16.7	2.17	2.44	2.87	3.61	4.65	6.31	8.72	11.8	15.9	21.4	28.1	39.0	58.6
	0.72	*1.23*	*0.55*	*2.40*	*0.81*	*0.88*	*1.09*	*1.31*	*1.58*	*1.93*	*2.00*	*1.88*	*1.50*	*1.11*	*1.05*	*1.18*	*1.68*
152	03481000	36°11′01″	81°57′45″	ELK RIVER NEAR ELK PARK NC (1)	42.1	42.0	96	2.159	86	3.57	20
	9.09	13.3	81.5	61.8	8.96	9.81	11.5	14.1	18.4	28.0	37.0	46.9	58.8	71.9	87.6	112	163
	6.77	9.37	51.6	34.1	6.56	7.20	8.11	9.71	11.9	15.8	20.2	25.7	32.7	41.8	54.7	72.4	118
	8.17	11.2	65.0	43.3	7.64	8.35	9.60	11.7	14.6	18.9	24.8	32.0	41.4	53.3	68.0	91.1	135
	0.98	*0.94*	*0.41*	*1.13*	*0.90*	*0.91*	*0.95*	*0.90*	*0.89*	*0.89*	*0.92*	*0.93*	*0.84*	*0.75*	*0.69*	*0.84*	*1.64*
161	03488000	36°53′48″	81°44′47″	N FORK HOLSTON RIVER NR SALTVILLE VA (1)	222	221	79	2.075	62	3.44	83
	23.8	30.9	297	158	23.4	25.4	27.3	32.5	39.7	55.4	78.6	111	156	214	289	398	649
	27.7	38.8	288	173	25.8	29.3	33.3	40.6	50.3	70.0	94.2	126	166	218	290	411	638
	33.5	48.7	315	249	31.1	35.4	41.4	52.8	68.6	97.9	134	177	229	287	357	472	691
	0.71	*0.88*	*1.21*	*2.90*	*0.72*	*0.82*	*0.90*	*1.11*	*1.57*	*2.14*	*2.66*	*2.93*	*2.77*	*2.63*	*2.05*	*2.60*	*2.95*
162	03488500	36°46′29″	82°04′22″	N FORK HOLSTON RIVER AT HOLSTON VA (1)	402	401	77	2.089	64	3.45	7
	42.4	50.0	525	192	44.4	45.2	46.7	51.5	59.4	80.3	111	162	239	345	494	712	1205
	46.1	64.3	562	340	44.4	50.1	57.0	69.8	89.5	130	178	239	318	421	560	765	1203
	58.9	86.0	587	454	54.8	62.4	73.2	94.0	123	176	243	323	421	530	660	869	1279
	0.39	*0.44*	*1.92*	*4.15*	*0.35*	*0.42*	*0.45*	*0.53*	*1.01*	*2.42*	*3.50*	*4.32*	*4.38*	*3.98*	*3.09*	*2.82*	*3.33*
163	03489500	36°42′05″	82°18′26″	N FORK HOLSTON RIVER AT MENDOTA VA (1)	493	493	77	2.098	66	3.31	10
	46.0	67.9	684	398	46.3	49.8	56.8	72.6	94.6	142	208	286	385	509	665	912	1532
	63.3	87.9	711	438	60.7	67.6	76.6	94.4	120	172	233	313	414	541	709	963	1504
	71.8	104	726	552	66.8	76.1	89.1	114	149	214	295	392	513	649	809	1066	1578
	0.38	*0.43*	*1.78*	*3.90*	*0.34*	*0.43*	*0.46*	*0.53*	*1.00*	*2.31*	*3.22*	*3.87*	*3.87*	*3.64*	*3.06*	*2.75*	*3.30*
164	03489900	36°38′47″	82°33′12″	BIG MOCCASIN CREEK NR GATE CITY VA (1, 2)	79.6	79.7	50	2.132	83	1.96	8
	6.45	11.3	106	43.9	7.29	7.99	9.38	12.2	14.8	19.6	25.5	35.6	50.7	71.2	96.5	136	234
	3.45	6.56	131	59.6	3.46	4.23	5.27	7.47	10.8	18.0	27.3	40.4	59.8	86.1	121	172	283
	3.86	6.53	109	58.7	3.66	4.41	5.42	7.23	9.97	15.5	24.1	36.3	53.8	76.1	104	152	243
	0.41	*0.47*	*0.79*	*2.52*	*0.33*	*0.38*	*0.42*	*0.49*	*0.76*	*1.38*	*1.84*	*2.00*	*1.74*	*1.49*	*1.57*	*2.70*	*4.35*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
165	03490000	36°36′31″	82°34′05″	N FORK HOLSTON RIVER NR GATE CITY VA (1)	672	671	73	2.134	66	2.95	50
	58.8	88.1	905	434	61.4	65.2	72.8	89.9	113	163	228	318	451	642	878	1245	2060
	81.5	117	972	612	77.8	87.8	101	127	163	235	322	432	574	753	984	1332	2064
	83.2	123	1017	702	78.1	89.5	105	136	180	260	365	494	662	857	1089	1456	2201
	0.41	*0.45*	*1.95*	*3.95*	*0.37*	*0.46*	*0.48*	*0.53*	*0.98*	*2.18*	*2.98*	*3.63*	*3.76*	*3.63*	*3.47*	*3.39*	*4.39*
179	03500000	35°08′59″	83°22′47″	LITTLE TENNESSEE RIVER NR PRENTICE NC (1)	140	139	175	2.277	59	2.61	58
	77.3	102	384	277	70.3	76.5	89.0	106	127	168	210	256	309	362	443	537	715
	57.2	83.2	318	252	48.5	55.1	64.8	83.2	105	140	175	210	249	295	353	433	575
	47.0	57.0	239	149	44.4	46.7	51.2	59.5	69.5	84.5	100	120	148	188	242	315	481
	0.94	*0.94*	*0.72*	*0.79*	*0.37*	*0.40*	*0.42*	*0.44*	*0.50*	*0.52*	*0.53*	*0.60*	*0.67*	*0.77*	*0.85*	*0.96*	*1.30*
180	03500240	35°09′31″	83°23′40″	CARTOOGECHAYE CREEK NR FRANKLIN NC (1)	57.1	56.2	175	2.277	51	2.64	40
	27.4	37.5	141	94.8	24.2	26.3	30.4	37.9	47.1	60.3	74.2	89.2	108	128	159	193	260
	26.0	35.9	141	106	23.4	26.1	30.0	37.3	45.9	61.2	76.8	93.0	111	131	157	192	254
	17.7	21.8	95.2	57.7	16.7	17.7	19.5	22.7	26.5	32.7	38.7	46.2	57.5	73.3	96.1	126	194
	2.13	*2.18*	*1.05*	*1.35*	*0.89*	*0.89*	*0.99*	*1.01*	*1.08*	*0.96*	*0.91*	*1.00*	*1.13*	*1.28*	*1.31*	*1.39*	*1.72*
181	03500500	35°04′14″	83°13′57″	CULLASAGA RIVER AT HIGHLANDS NC (1)	14.9	14.7	175	2.278	50	3.06	39
	2.40	10.2	59.7	43.9	1.86	3.96	7.68	12.3	17.2	22.4	28.8	35.9	43.6	52.8	64.2	83.2	117
	6.16	9.21	37.8	28.6	5.73	6.73	8.00	9.94	12.3	16.0	19.9	24.0	28.2	33.7	40.6	51.6	70.3
	4.55	5.68	25.0	14.7	4.31	4.54	5.02	5.84	6.83	8.36	9.88	11.8	14.7	18.9	25.1	33.4	50.8
	0.99	*0.96*	*1.36*	*1.21*	*0.55*	*0.48*	*0.51*	*0.48*	*0.51*	*0.60*	*0.69*	*0.81*	*0.97*	*1.38*	*1.81*	*2.22*	*2.50*
182	03501000	35°09′59″	83°19′25″	CULLASAGA RIVER AT CULLASAGA NC (1)	86.5	175	2.27554	52
	36.8	51.6	223	164	32.9	36.9	43.3	55.4	70.1	91.1	116	142	172	206	247	315	435
	36.3	51.9	203	156	31.5	35.4	41.0	51.9	65.0	87.0	108	131	157	186	224	275	369
	28.9	35.3	148	91.3	27.3	28.7	31.5	36.6	42.8	52.0	61.7	73.5	91.1	116	150	196	298
	1.53	*1.64*	*0.90*	*1.15*	*0.56*	*0.58*	*0.67*	*0.75*	*0.84*	*0.79*	*0.75*	*0.83*	*0.92*	*1.02*	*1.06*	*1.15*	*1.52*
183	03504000	35°07′37″	83°37′09″	NANTAHALA RIVER NR RAINBOW SPRINGS NC (1)	51.9	52.0	175	2.282	70	2.81	61
	38.7	51.3	203	144	35.8	38.9	44.7	55.5	67.2	89.4	113	137	163	193	231	285	379
	23.1	32.0	126	93.6	20.9	23.3	26.8	33.2	40.5	53.3	66.6	80.9	97.4	115	139	170	226
	18.0	21.7	89.4	53.8	17.0	17.7	19.5	22.4	25.9	30.6	36.3	43.3	53.8	68.8	89.2	117	178
	1.76	*1.70*	*0.99*	*1.13*	*0.77*	*0.74*	*0.80*	*0.80*	*0.85*	*0.82*	*0.80*	*0.90*	*0.98*	*1.10*	*1.20*	*1.42*	*1.76*
184	03505500	35°17′55″	83°39′21″	NANTAHALA RIVER AT NANTAHALA NC (1)	144	144	174	2.273	58	2.87	40
	34.0	116	494	454	28.2	33.5	42.1	61.0	108	267	386	447	495	550	620	697	807
	58.4	84.5	327	256	49.9	56.6	66.3	84.8	106	143	178	214	255	302	363	445	593
	49.6	60.5	250	158	46.9	49.2	54.1	63.1	74.2	90.4	107	128	158	200	257	332	504
	0.99	*1.01*	*0.73*	*0.88*	*0.37*	*0.41*	*0.44*	*0.47*	*0.54*	*0.57*	*0.58*	*0.66*	*0.74*	*0.82*	*0.88*	*0.98*	*1.31*
185	03506500	35°22′32″	83°33′59″	NANTAHALA RIVER AT ALMOND NC (1)	174	174	173	2.270	55	2.86	28
	104	133	506	380	95.2	99.8	110	138	168	216	264	320	389	474	578	706	941
	71.3	103	398	315	60.2	68.9	81.1	104	130	175	219	263	312	369	443	544	723
	59.3	72.5	302	193	56.0	59.0	64.8	75.9	89.5	110	131	156	193	243	311	402	610
	0.94	*0.91*	*0.71*	*0.85*	*0.37*	*0.40*	*0.41*	*0.44*	*0.50*	*0.53*	*0.54*	*0.62*	*0.71*	*0.79*	*0.85*	*0.96*	*1.31*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
186	03508000	35°16′55″	83°07′37″	TUCKASEGEE RIVER AT TUCKASEGEE NC (1)	143	143	175	2.268	65	2.71	42
	57.5	125	400	349	22.0	29.2	43.3	82.3	128	188	246	297	349	403	479	571	711
	57.7	83.4	319	250	49.7	56.0	65.0	82.9	104	139	173	209	249	295	354	434	579
	50.6	60.9	244	155	47.7	49.9	54.7	63.3	73.8	88.7	105	125	155	195	249	322	489
	0.98	*1.01*	*0.72*	*0.87*	*0.37*	*0.40*	*0.44*	*0.48*	*0.54*	*0.57*	*0.58*	*0.65*	*0.73*	*0.82*	*0.87*	*0.96*	*1.29*
187	03509000	35°23′02″	83°12′51″	SCOTT CREEK ABOVE SYLVIA NC (1)	51.0	51.0	175	2.267	55	3.00	36
	27.2	34.8	115	89.0	23.8	26.6	29.8	36.0	42.4	53.0	65.3	79.3	94.3	112	132	160	208
	21.2	32.2	131	99.2	18.9	22.1	26.6	33.8	42.0	56.1	70.7	86.0	103	122	146	180	239
	17.1	21.0	87.1	54.2	16.2	17.0	18.7	21.8	25.5	31.1	36.8	43.8	54.1	68.6	89.1	117	176
	2.01	*2.36*	*0.98*	*1.31*	*0.72*	*0.84*	*1.03*	*1.05*	*1.08*	*0.96*	*0.91*	*0.99*	*1.12*	*1.23*	*1.24*	*1.32*	*1.57*
188	03509500	35°22′25″	83°13′05″	SCOTT CREEK AT SYLVA NC (1)	55.5	55.3	175	2.267	56	2.96	14
	23.3	29.4	107	91.4	22.2	23.6	26.5	30.0	35.6	48.1	58.8	69.7	82.5	97.2	117	149	199
	25.0	34.9	137	104	22.6	25.2	29.1	36.3	44.8	59.8	75.2	91.2	109	128	154	188	249
	18.6	22.9	94.4	58.8	17.6	18.5	20.4	23.7	27.7	33.7	39.9	47.5	58.7	74.4	96.5	126	191
	2.28	*2.33*	*1.03*	*1.34*	*0.93*	*0.93*	*1.04*	*1.05*	*1.10*	*0.97*	*0.91*	*1.00*	*1.13*	*1.27*	*1.28*	*1.38*	*1.67*
189	03510500	35°22′00″	83°15′37″	TUCKASEGEE RIVER AT DILLSBORO NC (1)	347	347	175	2.268	59	2.75	48
	194	274	795	660	162	181	210	264	328	417	491	571	659	772	902	1080	1384
	144	213	776	651	120	140	167	217	270	356	439	524	622	727	859	1047	1394
	124	150	601	393	117	123	135	157	185	226	269	319	393	491	624	798	1211
	0.96	*0.90*	*0.76*	*0.75*	*0.33*	*0.39*	*0.40*	*0.43*	*0.49*	*0.51*	*0.53*	*0.60*	*0.66*	*0.78*	*0.87*	*1.04*	*1.43*
190	03511000	35°29′04″	83°18′56″	OCANALUFTEE RIVER AT CHEROKEE NC (1)	131	131	107	2.266	47	3.09	28
	71.9	90.5	384	291	72.7	75.3	80.6	96.1	120	159	197	240	291	350	421	523	726
	24.8	36.6	255	149	22.9	25.5	29.5	37.2	46.9	65.7	85.8	112	146	193	254	339	516
	22.4	31.4	228	128	21.4	23.6	27.1	33.8	42.7	58.6	75.9	97.4	128	171	228	308	476
	0.99	*0.93*	*1.30*	*1.69*	*0.84*	*0.85*	*0.85*	*0.82*	*0.83*	*0.88*	*0.92*	*1.05*	*1.15*	*1.21*	*1.25*	*1.37*	*2.34*
191	03513500	35°29′06″	83°30′15″	NOLAND CREEK NEAR BRYSON CITY NC (1)	13.8	13.8	100	2.267	46	3.04	35
	6.43	9.07	44.9	31.3	5.83	6.31	7.28	9.54	12.5	16.9	21.5	26.6	32.7	39.7	48.9	61.7	87.3
	1.99	2.86	24.3	13.6	1.91	2.12	2.44	3.05	3.82	5.39	7.22	9.63	12.9	17.5	23.5	31.4	49.3
	1.94	2.81	23.2	11.9	1.86	2.07	2.39	2.98	3.76	5.18	6.76	8.82	11.8	16.2	22.4	31.3	48.8
	0.83	*0.73*	*1.20*	*1.67*	*0.90*	*0.75*	*0.73*	*0.68*	*0.71*	*0.79*	*0.87*	*1.01*	*1.22*	*1.73*	*2.09*	*2.33*	*2.59*
192	03514000	35°28′38″	83°42′58″	HAZEL CREEK AT PROCTOR NC (1)	44.4	44.2	100	2.264	45	3.09	9
	23.2	28.7	130	88.8	22.0	25.0	27.0	32.4	37.7	49.7	62.7	79.7	99.5	121	145	182	247
	6.99	9.83	78.8	45.1	6.89	7.57	8.57	10.5	12.9	17.9	23.8	32.3	43.5	57.0	73.8	98.6	157
	6.50	9.37	75.5	40.4	6.23	6.93	8.01	10.0	12.8	17.8	23.2	30.2	40.3	54.5	74.3	102	159
	1.17	*1.23*	*1.94*	*2.31*	*1.20*	*1.08*	*1.12*	*1.09*	*1.15*	*1.31*	*1.40*	*1.66*	*1.71*	*1.85*	*1.99*	*2.04*	*3.27*
193	03516000	35°18′40″	83°51′35″	SNOWBIRD CREEK NEAR ROBBINSVILLE NC (1)	42.0	42.0	100	2.293	43	2.95	9
	32.2	38.2	159	104	32.1	33.0	34.9	40.4	48.1	62.0	77.8	97.0	119	146	182	231	316
	6.28	8.62	75.1	37.3	6.11	6.71	7.61	9.27	11.3	15.1	19.7	26.6	36.8	51.0	70.9	99.7	160
	5.80	8.42	73.4	36.8	5.58	6.23	7.20	9.04	11.5	16.1	21.1	27.6	37.2	51.0	70.5	97.9	154
	0.74	*0.81*	*1.52*	*2.01*	*0.82*	*0.75*	*0.81*	*0.85*	*0.94*	*1.05*	*1.13*	*1.30*	*1.41*	*1.68*	*1.99*	*2.35*	*4.08*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
194	03517000	35°23′02″	83°51′49″	CHEOAH RIVER AT JOHNSON NC (1)								177	176	100	2.288	44	2.86	12
	72.7	113	515	336	55.2	68.8	96.5	126	154	198	246	304	376	465	563	699	971
	30.0	40.8	331	176	28.3	31.5	36.1	44.2	54.3	73.1	95.6	127	170	234	316	436	685
	25.8	37.0	311	165	24.8	27.6	31.9	40.2	51.5	72.4	95.1	124	166	225	305	416	653
	1.20	*1.12*	*2.35*	*2.33*	*1.03*	*1.05*	*1.01*	*1.00*	*1.05*	*1.18*	*1.30*	*1.47*	*1.66*	*1.84*	*2.00*	*2.44*	*4.29*
200	03521500	37°05′10″	81°46′52″	CLINCH RIVER AT RICHLANDS VA (1, 2)								137	138	59	2.071	83	1.80	43
	15.8	21.5	190	93.9	14.7	17.3	19.3	23.9	28.7	40.1	54.4	73.2	99.8	135	182	255	417
	10.8	16.7	219	108	10.8	12.2	14.2	18.8	25.7	39.5	55.8	78.3	110	154	211	288	466
	10.7	16.6	174	118	9.95	11.8	14.1	18.1	23.9	35.5	52.3	74.5	104	138	179	251	389
	0.35	*0.38*	*1.25*	*3.36*	*0.40*	*0.45*	*0.49*	*0.57*	*1.01*	*2.08*	*2.78*	*3.11*	*2.99*	*2.78*	*2.40*	*2.97*	*3.30*
201	03523000	36°54′29″	82°02′20″	BIG CEDAR CREEK NEAR LEBANON VA (1, 2)								51.5	51.5	50	2.082	83	2.01	6
	4.85	6.64	74.0	28.9	4.90	5.26	5.65	6.81	8.03	10.8	14.8	19.8	29.1	43.2	63.8	94.6	167
	2.73	5.07	88.3	40.0	2.79	3.31	4.00	5.56	7.91	13.0	19.2	27.9	40.7	59.2	82.5	114	191
	2.64	4.44	66.4	39.4	2.47	3.00	3.68	4.88	6.70	10.4	16.1	24.1	35.2	48.7	65.4	95.3	149
	0.30	*0.36*	*1.12*	*3.22*	*0.36*	*0.39*	*0.44*	*0.52*	*0.86*	*1.68*	*2.24*	*2.49*	*2.37*	*2.08*	*2.55*	*3.20*	*3.69*
202	03524000	36°56′41″	82°09′18″	CLINCH RIVER AT CLEVELAND VA (1)								528	534	59	2.082	77	1.98	80
	53.8	73.8	703	379	50.3	57.5	64.1	79.2	97.6	139	194	269	372	511	689	983	1623
	51.0	78.2	823	458	47.8	55.1	64.9	85.8	111	165	236	328	453	609	814	1125	1769
	43.0	67.0	709	488	40.2	47.6	57.0	74.3	99.4	150	222	315	439	577	740	1022	1579
	0.43	*0.48*	*2.38*	*5.05*	*0.42*	*0.51*	*0.54*	*0.62*	*1.15*	*2.67*	*4.15*	*5.34*	*5.56*	*4.98*	*4.59*	*4.14*	*4.28*
203	03524500	36°55′45″	82°27′23″	GUEST RIVER AT COEBURN VA (1, 2)								87.3	87.3	65	2.114	85	2.70	11
	1.84	3.54	141	57.6	1.84	2.00	2.63	4.24	9.02	17.8	27.4	43.9	67.9	95.2	135	192	319
	8.67	13.0	137	71.0	8.62	9.56	11.0	14.2	18.8	27.8	38.3	52.5	72.2	99.8	135	183	293
	8.67	13.2	124	79.8	8.11	9.36	11.1	14.3	18.8	26.8	38.5	53.6	73.7	97.9	127	176	268
	0.39	*0.45*	*1.32*	*3.74*	*0.40*	*0.45*	*0.49*	*0.58*	*1.07*	*2.25*	*2.95*	*3.25*	*3.05*	*2.98*	*2.41*	*2.94*	*3.42*
204	03526000	36°40′26″	82°33′57″	COPPER CREEK NEAR GATE CITY VA (1, 2)								106	106	50	2.131	74	1.52	26
	18.8	23.4	144	73.5	18.3	18.9	20.3	24.3	28.0	35.2	44.3	57.4	77.0	104	141	194	309
	4.59	8.66	168	79.4	4.57	5.64	7.03	9.93	14.4	24.3	36.8	54.2	79.3	113	157	224	368
	4.69	7.95	140	74.5	4.44	5.42	6.65	8.84	12.1	19.2	30.0	45.2	67.6	95.5	131	194	314
	0.40	*0.46*	*0.86*	*2.90*	*0.32*	*0.36*	*0.41*	*0.48*	*0.78*	*1.52*	*2.16*	*2.40*	*2.21*	*1.81*	*1.88*	*2.88*	*4.43*
205	03527000	36°38′55″	82°45′02″	CLINCH RIVER AT SPEERS FERRY VA (1)								1126	1123	60	2.134	78	2.05	57
	99.2	137	1593	825	95.9	103	118	147	192	285	412	604	861	1183	1591	2229	3703
	123	182	1659	988	116	133	155	199	256	373	521	711	964	1281	1690	2314	3607
	91.6	142	1616	1023	86.2	101	121	159	214	321	475	674	949	1268	1642	2260	3534
	0.48	*0.55*	*3.71*	*6.65*	*0.35*	*0.46*	*0.51*	*0.58*	*0.99*	*2.28*	*3.70*	*5.11*	*5.87*	*5.79*	*5.77*	*5.78*	*6.72*
206	03527500	36°42′40″	82°47′45″	NORTH FORK CLINCH RIVER AT DUFFIELD VA (1, 2)								23.1	23.1	51	2.133	87	2.93	6
	1.04	1.42	36.7	8.62	1.09	1.18	1.36	1.64	2.05	3.08	4.44	6.18	10.3	20.2	33.4	53.4	88.4
	1.52	2.62	43.0	19.0	1.50	1.83	2.19	2.84	3.80	5.92	8.60	12.6	18.5	27.3	37.8	50.7	81.8
	1.28	2.17	33.3	17.9	1.21	1.44	1.77	2.36	3.27	4.97	7.65	11.4	16.7	23.6	32.2	47.0	73.0
	0.43	*0.60*	*0.64*	*2.11*	*0.55*	*0.59*	*0.68*	*0.81*	*1.00*	*1.30*	*1.46*	*1.51*	*1.30*	*1.06*	*1.19*	*1.56*	*3.08*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
210	03529500	36°52′08″	82°46′32″	POWELL RIVER AT BIG STONE GAP VA (1, 2)	112	112	65	2.126	83	3.04	16
	6.93	10.9	202	86.7	6.48	7.37	8.69	12.6	18.6	28.4	40.6	60.9	96.1	140	195	282	455
	10.9	16.6	178	94.6	10.9	12.3	14.1	18.2	24.6	37.1	51.5	70.7	96.3	131	175	239	374
	11.4	17.4	165	105	10.7	12.3	14.6	18.9	25.0	35.9	51.6	71.7	98.6	131	170	235	356
	0.36	*0.41*	*1.29*	*3.64*	*0.38*	*0.43*	*0.48*	*0.57*	*1.06*	*2.22*	*2.90*	*3.36*	*3.13*	*2.91*	*2.32*	*2.64*	*3.54*
211	03530500	36°46′26″	83°01′59″	N FORK POWELL RIVER AT PENNINGTON GAP VA (1, 2)	71.4	71.3	62	2.136	82	3.07	9
	1.38	4.24	137	54.6	1.14	1.74	2.47	4.67	6.85	12.5	21.2	34.1	54.9	80.6	115	172	307
	5.25	8.62	113	56.9	5.26	6.09	7.17	9.48	13.1	20.5	29.3	41.2	57.7	80.2	110	153	244
	6.37	9.97	106	63.8	6.00	6.95	8.33	10.8	14.5	21.0	30.6	43.0	60.0	81.2	107	150	228
	0.35	*0.44*	*0.78*	*2.92*	*0.32*	*0.37*	*0.42*	*0.51*	*0.86*	*1.69*	*2.21*	*2.42*	*2.15*	*1.77*	*1.57*	*2.17*	*3.54*
212	03531000	36°44′04″	82°59′56″	POWELL RIVER NEAR PENNINGTON GAP VA (1, 2)	290	290	64	2.136	83	2.83	10
	13.7	23.2	553	281	15.4	18.1	20.5	27.7	40.5	72.2	125	192	263	357	486	704	1166
	28.8	42.5	435	244	27.5	31.2	36.0	46.2	60.8	90.5	127	176	241	324	430	595	941
	28.5	43.7	433	275	26.8	31.0	36.9	47.9	63.8	92.5	134	187	258	344	445	610	932
	0.40	*0.44*	*2.08*	*3.90*	*0.39*	*0.45*	*0.48*	*0.54*	*0.95*	*1.98*	*2.86*	*3.65*	*3.81*	*3.64*	*3.20*	*3.07*	*3.64*
213	03531500	36°39′43″	83°05′42″	POWELL RIVER NEAR JONESVILLE VA (1, 2)	319	320	64	2.142	83	2.75	70
	25.8	37.3	535	248	24.4	26.7	30.5	40.5	54.2	82.3	119	172	252	359	502	737	1218
	31.9	47.5	474	266	30.1	34.4	39.9	51.7	67.9	99.9	140	193	263	353	469	648	1021
	31.1	47.6	478	300	29.3	33.8	40.3	52.3	69.6	101	146	204	283	378	489	672	1029
	0.48	*0.52*	*2.03*	*3.85*	*0.38*	*0.45*	*0.49*	*0.55*	*0.94*	*1.94*	*2.81*	*3.63*	*3.79*	*3.59*	*3.24*	*3.10*	*3.67*
231	03545000	34°54′20″	83°43′02″	HIWASSEE RIVER AT PRESLEY GA (1)	45.5	45.6	175	2.298	51	3.22	40
	28.1	35.2	139	102	28.7	29.9	31.8	37.3	45.0	58.5	74.3	91.3	110	132	157	196	263
	18.8	28.2	119	89.0	17.3	20.0	23.7	29.6	36.7	49.3	62.2	75.5	90.5	108	130	163	218
	14.7	18.3	81.4	47.6	13.9	14.6	16.2	19.0	22.4	27.5	32.6	38.9	48.3	62.3	82.0	108	164
	1.12	*1.20*	*1.15*	*1.01*	*0.62*	*0.64*	*0.69*	*0.65*	*0.67*	*0.68*	*0.69*	*0.78*	*0.87*	*1.04*	*1.29*	*1.67*	*2.15*
232	03546000	35°01′29″	83°42′27″	SHOOTING CREEK NEAR HAYESVILLE NC (1)	37.6	37.8	175	2.289	49	2.65	12
	13.9	17.2	87.5	65.4	13.5	15.0	16.3	19.8	23.9	31.2	41.8	53.4	67.4	82.3	101	127	169
	15.7	23.3	97.1	72.1	14.5	16.9	20.1	25.0	30.6	40.1	50.3	61.0	72.7	86.8	105	133	180
	11.5	14.2	64.6	37.8	10.9	11.5	12.7	14.8	17.3	21.4	25.3	30.3	37.8	48.6	64.5	85.5	132
	1.57	*1.50*	*1.10*	*0.99*	*0.82*	*0.83*	*0.86*	*0.74*	*0.72*	*0.72*	*0.73*	*0.80*	*0.85*	*1.01*	*1.21*	*1.62*	*2.07*
233	03548000	35°04′37″	83°49′54″	HIWASSEE RIVER BELOW HAYESVILLE NC (1)	252	253	175	2.307	60	2.70	8
	117	142	511	448	120	130	136	153	182	225	266	316	378	451	545	684	936
	119	174	631	520	98.0	113	134	173	218	291	362	431	508	597	709	857	1127
	85.2	104	453	271	81.0	84.8	93.1	109	128	155	185	221	275	352	455	589	905
	0.94	*0.81*	*1.38*	*0.76*	*0.41*	*0.46*	*0.46*	*0.44*	*0.46*	*0.46*	*0.46*	*0.55*	*0.66*	*0.88*	*1.16*	*1.58*	*2.89*
234	03550000	35°08′20″	83°58′50″	VALLEY RIVER AT TOMOTLA NC (1)	104	104	111	2.306	48	2.71	92
	29.6	42.3	255	164	27.4	32.7	36.9	47.4	59.7	81.3	107	138	176	221	277	352	510
	18.1	24.4	186	92.3	17.4	19.2	21.8	26.2	31.4	40.6	51.7	67.6	90.9	125	170	236	382
	17.1	23.9	183	94.6	16.5	18.1	20.7	25.6	32.1	43.5	56.0	71.9	95.8	130	177	241	379
	0.63	*0.60*	*1.97*	*1.62*	*0.70*	*0.67*	*0.67*	*0.66*	*0.69*	*0.78*	*0.86*	*0.97*	*1.14*	*1.37*	*1.66*	*2.26*	*4.20*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
235	03550500	34°50′28″	83°56′10″	NOTTELY RIVER NEAR BLAIRSVILLE GA (1)	74.8	74.9	175	2.319	59	2.87	40
	36.3	46.4	188	132	32.4	35.8	41.4	46.8	55.9	74.2	93.8	115	140	167	207	256	343
	37.2	51.7	197	148	32.9	36.3	41.5	51.3	63.5	85.0	107	129	154	183	220	272	364
	24.2	29.7	135	76.4	23.0	24.0	26.5	30.8	36.2	43.7	51.9	62.2	78.0	101	133	175	270
	1.30	*1.25*	*2.82*	*1.39*	*0.71*	*0.73*	*0.81*	*0.80*	*0.85*	*0.78*	*0.80*	*0.93*	*1.10*	*1.57*	*2.36*	*3.46*	*5.88*
236	03554000	35°01′37″	84°06′55″	NOTTLEY RIVER NEAR RANGER NC (1)	272	272	159	2.313	63	2.35	30
	59.7	100	513	469	34.1	40.5	48.2	84.3	136	192	241	297	363	451	554	702	994
	114	163	643	473	95.5	109	128	162	201	264	324	387	464	560	682	848	1170
	78.9	97.3	481	276	75.1	79.3	87.5	102	121	149	181	219	279	361	471	618	964
	0.97	*0.82*	*1.74*	*0.87*	*0.51*	*0.57*	*0.58*	*0.56*	*0.58*	*0.56*	*0.56*	*0.65*	*0.77*	*0.98*	*1.29*	*1.80*	*3.79*
239	03558000	34°47′24″	84°14′24″	TOCCOA RIVER NEAR DIAL GA (1)	177	176	175	2.320	50	3.22	83
	118	149	496	393	107	122	129	152	182	230	282	335	405	476	578	688	925
	89.6	131	476	390	72.6	83.3	98.7	127	162	220	274	326	385	453	539	654	856
	57.8	71.8	329	192	55.2	57.9	63.9	75.6	90.0	112	133	159	198	254	332	432	660
	1.05	*1.01*	*1.86*	*1.00*	*0.45*	*0.51*	*0.55*	*0.56*	*0.64*	*0.62*	*0.60*	*0.70*	*0.82*	*1.09*	*1.49*	*2.15*	*4.31*
241	03560000	34°58′53″	84°23′12″	FIGHTINGTOWN CR AT MCCAYSVILLE GA (1)	70.9	70.6	175	2.319	61	2.43	28
	43.4	52.8	195	140	41.9	43.9	47.9	58.8	67.3	84.6	105	127	155	187	224	279	368
	36.2	50.7	191	145	31.8	35.1	40.3	50.3	62.5	84.0	106	128	153	180	216	266	352
	21.9	26.7	124	69.1	20.9	21.9	24.0	27.7	32.3	38.9	46.2	55.5	69.9	90.8	120	159	247
	1.33	*1.35*	*3.95*	*1.73*	*0.76*	*0.77*	*0.88*	*0.89*	*0.98*	*0.92*	*0.95*	*1.15*	*1.42*	*2.11*	*3.28*	*5.29*	*8.62*
254	03568500	34°58′20″	85°19′40″	CHATTANOOGA CR NEAR FLINTSTONE GA (1)	50.6	50.2	75	2.353	19	1.59	23
	3.02	4.66	87.0	24.1	2.47	3.28	4.07	5.42	6.98	10.1	14.5	21.7	34.8	54.0	79.9	117	198
	3.92	5.86	84.0	28.5	3.64	4.25	5.07	6.58	8.31	11.7	15.7	21.5	29.8	43.7	69.4	110	191
	2.74	4.61	84.9	33.2	2.71	3.25	3.88	5.17	6.97	11.6	16.2	22.8	33.4	49.2	74.8	111	190
	1.11	*1.23*	*5.69*	*2.66*	*0.94*	*0.87*	*0.97*	*1.20*	*1.51*	*1.91*	*1.95*	*1.88*	*2.06*	*2.20*	*4.43*	*8.67*	*10.8*
256	03572110	34°56′03″	85°55′03″	CROW CREEK AT BASS AL (1, 2)	131	131	48	2.377	33	2.29	21
	2.76	4.81	288	79.4	2.86	3.36	4.23	5.80	9.00	18.4	35.3	66.0	112	171	248	359	628
	3.10	5.57	232	60.5	3.06	3.73	4.58	6.43	8.96	15.1	24.3	38.7	66.7	120	189	289	517
	3.49	6.77	244	79.2	3.50	4.33	5.45	7.84	11.6	20.6	32.8	51.2	82.3	131	203	312	539
	0.73	*1.00*	*13.5*	*4.41*	*0.47*	*0.56*	*0.65*	*0.88*	*1.58*	*2.68*	*3.17*	*3.02*	*3.25*	*4.44*	*9.38*	*12.2*	*17.0*
257	03572900	34°22′42″	85°59′25″	TOWN CREEK NEAR GERALDINE AL (1, 2)	141	142	32	2.416	3	1.53	20
	0.00	0.73	290	92.0	0.00	0.00	0.26	1.02	3.24	11.7	27.9	66.6	124	194	288	416	670
	0.04	0.47	281	99.6	0.05	0.15	0.25	0.81	2.43	9.29	23.8	52.3	106	177	250	375	681
	0.16	0.58	258	47.5	0.17	0.28	0.41	0.79	1.58	5.27	11.4	23.7	49.4	97.6	192	357	715
	0.75	*0.91*	*13.6*	*3.01*	*0.36*	*0.43*	*0.51*	*0.56*	*0.90*	*1.94*	*2.58*	*2.54*	*2.53*	*3.75*	*8.87*	*14.4*	*19.3*
258	03573000	34°18′05″	86°10′53″	SHORT CREEK NEAR ALBERTVILLE AL (1, 2)	91.6	91.2	33	2.440	2	1.56	8
	0.00	0.41	188	56.4	0.00	0.00	0.26	1.48	6.16	14.8	22.3	32.3	62.4	110	179	284	479
	0.02	0.25	198	69.3	0.00	0.07	0.12	0.45	1.56	6.75	17.2	37.5	80.4	132	184	277	496
	0.14	0.48	170	32.1	0.00	0.23	0.34	0.64	1.25	4.14	8.48	16.8	33.7	65.2	129	237	472
	0.73	*0.85*	*11.1*	*2.85*	*0.33*	*0.38*	*0.43*	*0.45*	*0.70*	*1.55*	*2.07*	*2.08*	*2.09*	*3.07*	*7.52*	*13.7*	*16.3*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				Central and East Tennessee region--continued													
259	03574500	34°37′27″	86°18′23″	PAINT ROCK RIVER NEAR WOODVILLE AL (1, 2)	320	321	38	2.425	25	1.81	66
	6.04	11.0	685	192	6.30	7.44	9.13	13.8	21.1	38.5	66.6	121	216	364	562	886	1682
	4.30	9.76	563	162	4.39	5.85	7.54	11.8	18.2	34.7	60.5	105	176	301	463	722	1310
	3.06	7.09	614	154	3.14	4.17	5.53	8.64	14.0	29.2	52.2	90.9	162	283	469	769	1408
	0.82	*1.10*	*20.2*	*5.53*	*0.46*	*0.59*	*0.68*	*0.75*	*1.19*	*2.47*	*3.59*	*3.95*	*3.85*	*6.00*	*13.6*	*15.7*	*19.3*
260	03575000	34°49′22″	86°28′59″	FLINT RIVER NEAR CHASE AL (1)	342	343	135	2.423	65	1.38	63
	68.8	81.0	564	256	54.1	58.2	66.4	84.5	95.8	119	142	187	246	340	478	677	1183
	99.6	129	666	373	89.1	99.8	115	136	158	196	240	293	371	479	619	830	1290
	62.0	79.6	628	269	60.2	64.7	72.1	84.8	101	128	160	204	278	387	539	743	1246
	0.53	*0.57*	*7.93*	*2.46*	*0.56*	*0.63*	*0.66*	*0.70*	*0.84*	*1.09*	*1.35*	*2.00*	*2.73*	*3.67*	*6.37*	*10.7*	*17.2*
261	03575830	34°41′50″	86°42′00″	INDIAN CREEK NEAR MADISON AL (1)	49.0	48.4	140	2.431	88	1.33	32
	1.91	3.29	70.7	26.3	1.61	2.14	2.72	3.72	4.97	7.43	10.6	16.4	25.9	39.7	59.2	89.6	148
	10.4	13.8	83.4	37.8	10.7	11.6	13.0	15.2	17.5	21.1	25.4	30.8	38.9	52.1	71.5	98.5	161
	9.13	11.4	86.2	34.5	8.85	9.36	10.4	11.9	13.8	16.5	20.4	26.0	35.6	50.3	70.9	100	168
	0.51	*0.51*	*6.71*	*2.26*	*0.42*	*0.40*	*0.43*	*0.45*	*0.52*	*0.63*	*0.79*	*1.21*	*1.86*	*2.77*	*8.10*	*16.6*	*12.5*
262	03576148	34°24′49″	86°41′16″	COTACO CREEK AT FLORETTE AL (1, 2)	136	136	50	2.440	8	1.54	14
	0.38	1.57	276	65.1	0.28	0.59	0.85	1.78	3.55	10.0	25.4	55.8	100	161	250	397	737
	1.39	5.65	280	90.7	1.47	2.80	3.80	8.25	14.9	27.9	45.6	70.9	122	188	270	396	677
	2.31	4.91	255	72.9	2.36	3.10	3.92	5.90	9.02	18.9	29.8	46.7	76.4	125	209	332	607
	0.83	*0.94*	*12.1*	*3.72*	*0.32*	*0.37*	*0.43*	*0.46*	*0.75*	*1.53*	*2.06*	*2.18*	*2.57*	*4.23*	*9.90*	*12.4*	*14.1*
263	03576250	34°45′06″	86°49′24″	LIMESTONE CREEK NEAR ATHENS AL (1)	119	121	140	2.430	56	1.29	37
	10.4	14.0	198	76.7	10.2	11.3	12.1	14.6	18.6	25.1	33.4	46.6	70.6	111	171	265	459
	22.9	29.8	207	93.0	21.6	23.5	26.1	30.8	36.3	46.0	56.3	70.5	92.8	126	175	253	430
	20.8	26.9	218	89.8	20.2	21.8	24.3	28.4	33.8	42.9	53.3	67.8	92.6	130	184	258	436
	0.49	*0.49*	*7.17*	*2.70*	*0.41*	*0.43*	*0.47*	*0.51*	*0.60*	*0.76*	*0.95*	*1.45*	*2.30*	*3.37*	*7.83*	*15.1*	*14.9*
264	03576400	34°48′10″	86°53′00″	PINEY CREEK NEAR ATHENS AL (1)	55.8	54.0	140	2.429	46	1.27	8
	1.15	2.47	93.7	35.3	1.60	1.78	2.16	3.00	4.19	6.61	10.8	17.0	28.7	48.4	76.0	121	209
	6.13	9.28	94.8	42.8	6.26	6.89	7.80	9.90	12.9	19.0	24.4	31.9	42.8	58.0	80.1	121	207
	8.47	11.2	95.4	38.4	8.25	8.97	10.0	11.8	14.0	18.2	22.6	28.8	39.5	55.7	80.5	114	194
	0.46	*0.46*	*6.03*	*2.09*	*0.38*	*0.36*	*0.39*	*0.42*	*0.48*	*0.59*	*0.74*	*1.14*	*1.75*	*2.53*	*7.28*	*15.3*	*11.3*
265	03576500	34°22′23″	86°56′01″	FLINT RIVER NEAR FALKVILLE AL (1, 2)	86.3	86.5	35	2.445	18	1.52	23
	0.00	0.20	149	44.3	0.00	0.00	0.00	0.25	0.84	3.76	10.1	21.3	42.0	74.1	121	189	364
	0.27	1.04	154	40.3	0.10	0.52	0.73	1.32	2.60	6.61	12.7	23.3	42.6	77.7	124	197	357
	0.41	1.07	161	33.5	0.14	0.59	0.81	1.32	2.25	5.19	9.91	18.4	35.2	65.3	116	202	384
	1.05	*1.27*	*14.8*	*3.68*	*0.47*	*0.54*	*0.63*	*0.64*	*0.99*	*2.28*	*2.89*	*2.79*	*2.74*	*4.08*	*10.2*	*19.1*	*21.1*
266	03577000	34°28′35″	87°08′30″	WEST FLINT CREEK NEAR OAKVILLE AL (1, 2)	87.6	87.3	35	2.444	28	1.23	10
	0.00	0.00	146	48.4	0.00	0.00	0.00	0.00	0.52	3.14	8.25	17.4	37.1	69.2	117	186	342
	0.44	1.28	149	35.9	0.17	0.70	0.95	1.51	2.70	6.32	11.7	20.9	37.3	70.4	116	188	341
	0.44	1.10	157	32.3	0.17	0.62	0.85	1.35	2.24	4.89	9.34	17.4	33.5	62.2	109	190	366
	1.02	*1.24*	*14.3*	*3.64*	*0.45*	*0.53*	*0.61*	*0.63*	*0.97*	*2.21*	*2.82*	*2.76*	*2.73*	*4.06*	*9.93*	*18.2*	*20.3*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

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MNO	STANO	LAT		LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)							DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%		30%	20%	10%
					Central and East Tennessee region--continued													
278	03585300	34°56′40″		87°09′20″	SUGAR CREEK NEAR GOOD SPRINGS AL (1)							152	153	140	2.417	80	2.51	11
	24.2	30.9	256	95.0	21.1	24.1	30.1	33.6	39.6	51.2	66.3	80.6	112	149		212	326	568
	35.7	46.0	266	127	34.1	36.4	40.8	47.8	55.7	68.8	83.1	101	130	171		229	318	517
	35.3	45.0	302	135	34.3	35.9	40.1	47.3	56.8	68.9	85.5	107	143	197		269	365	585
	0.47	*0.50*	*8.40*	*3.46*	*0.44*	*0.49*	*0.54*	*0.61*	*0.75*	*1.06*	*1.41*	*2.26*	*3.44*	*4.77*		*9.65*	*18.3*	*17.8*
279	03586500	34°40′12″		87°19′02″	BIG NANCE CREEK AT COURTLAND AL (1, 2)							166	164	45	2.444	28	1.01	54
	0.79	2.12	276	89.4	0.71	0.96	1.41	2.43	4.84	12.2	23.4	41.4	72.3	123		194	321	629
	3.12	6.98	302	81.2	3.19	4.35	5.54	8.38	12.7	22.1	35.5	55.9	95.1	165		260	396	706
	2.58	5.19	289	75.3	2.62	3.35	4.24	6.09	9.03	16.8	27.7	45.2	77.4	130		214	348	649
	0.88	*1.07*	*14.7*	*4.20*	*0.36*	*0.44*	*0.51*	*0.56*	*0.96*	*1.92*	*2.48*	*2.54*	*2.95*	*5.03*		*11.7*	*14.7*	*17.1*
283	03590000	34°48′27″		87°42′02″	CYPRESS CREEK NEAR FLORENCE AL (1)							209	210	132	2.444	58	2.19	19
	52.2	60.6	377	185	50.7	51.6	53.4	58.7	67.6	86.9	114	140	191	262		356	514	813
	43.9	55.0	358	157	42.7	45.9	50.5	58.5	66.6	80.9	98.2	121	159	219		306	441	738
	38.8	51.5	421	175	38.0	40.6	45.6	55.0	67.2	86.1	108	138	187	263		368	505	829
	0.48	*0.54*	*10.1*	*3.74*	*0.36*	*0.40*	*0.45*	*0.54*	*0.71*	*1.08*	*1.50*	*2.53*	*3.83*	*5.33*		*11.4*	*23.1*	*18.6*
284	03591800	34°17′01″		87°46′26″	BEAR CREEK NEAR HACKLEBURG AL (1, 2)							143	143	38	2.460	24	2.11	22
	7.78	13.2	271	86.7	7.64	8.75	11.0	14.1	19.3	31.0	46.6	72.1	112	164		233	348	601
	1.25	3.26	255	66.3	1.31	1.91	2.53	4.03	6.83	14.0	24.6	42.2	74.1	133		213	333	598
	1.32	3.10	287	66.6	1.36	1.80	2.39	3.76	6.14	12.7	22.8	39.8	71.6	127		215	356	654
	0.84	*1.03*	*14.0*	*3.36*	*0.41*	*0.49*	*0.58*	*0.64*	*1.11*	*2.25*	*2.68*	*2.54*	*2.63*	*4.04*		*9.58*	*17.9*	*20.1*
285	03592000	34°26′38″		88°06′56″	BEAR CREEK NEAR RED BAY AL (1, 2)							263	261	43	2.459	36	2.43	26
	21.7	40.9	503	195	21.9	26.9	31.6	38.3	49.5	75.8	111	156	224	324		484	778	1401
	6.90	12.1	458	122	6.85	8.25	10.0	13.5	18.9	32.4	52.0	83.5	139	244		387	596	1059
	4.80	9.94	542	143	4.90	6.14	7.90	11.8	18.1	33.4	55.9	91.6	155	263		420	663	1177
	0.77	*1.07*	*17.3*	*4.21*	*0.42*	*0.53*	*0.62*	*0.68*	*1.08*	*2.03*	*2.64*	*2.90*	*3.09*	*5.18*		*13.8*	*17.4*	*19.5*
286	03592200	34°32′56″		88°01′09″	CEDAR CREEK NEAR PLEASANT SITE AL (1, 2)							189	190	50	2.454	45	2.43	19
	6.29	12.5	341	91.4	5.13	6.97	9.19	13.2	18.2	30.9	50.1	79.5	126	189		287	448	820
	7.40	12.0	340	92.4	7.35	8.59	10.3	13.3	17.7	28.0	42.4	64.5	105	182		288	438	777
	5.84	10.9	390	113	5.90	7.11	8.89	12.6	18.4	30.8	48.5	75.5	122	199		309	474	824
	0.94	*1.07*	*15.6*	*4.04*	*0.43*	*0.50*	*0.58*	*0.60*	*0.93*	*1.81*	*2.39*	*2.66*	*2.92*	*5.03*		*11.9*	*14.9*	*15.9*
287	03592300	34°29′19″		88°02′07″	LITTLE BEAR CREEK NR HALLTOWN AL (1, 2)							78.2	78.7	50	2.456	53	2.96	19
	5.94	10.1	143	45.7	5.90	7.06	8.27	11.5	14.8	21.7	29.1	41.9	59.7	84.4		125	188	328
	2.64	4.46	138	35.5	2.57	3.03	3.71	4.83	6.59	10.6	15.9	24.4	39.8	67.7		110	169	300
	2.59	4.82	166	47.1	2.61	3.11	3.89	5.48	7.99	13.0	20.5	31.8	51.3	84.1		130	201	345
	1.06	*1.08*	*12.2*	*2.86*	*0.49*	*0.52*	*0.60*	*0.60*	*0.92*	*1.74*	*2.09*	*2.17*	*2.30*	*3.80*		*9.21*	*17.7*	*15.8*
288	03592500	34°39′21″		88°07′21″	BEAR CREEK AT BISHOP AL (1)							667	667	48	2.450	46	2.50	49
	30.2	54.5	1144	399	31.3	36.4	46.6	62.8	87.1	137	209	320	485	724		1062	1627	2870
	29.0	44.8	1105	384	28.7	32.8	38.6	48.9	65.6	108	166	255	398	630		949	1445	2559
	19.5	37.0	1397	415	19.8	24.0	30.1	43.3	64.4	110	176	277	450	731		1120	1700	2956
	0.94	*1.35*	*20.8*	*7.88*	*0.65*	*0.85*	*0.99*	*0.99*	*1.46*	*3.17*	*4.74*	*5.14*	*5.59*	*8.86*		*16.1*	*19.2*	*21.1*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				West Tennessee region													
289	03592718	34°50′05″	88°17′14″	LITTLE YELLOW CR EAST NR BURNSVILLE MS (1)								24.7	25.5	87	2.443	85	2.20	25
	2.93	4.35	43.2	17.2	2.62	2.79	3.13	4.15	5.57	7.85	10.3	14.9	19.5	27.1	35.0	50.7	78.9
	1.73	2.34	39.4	15.0	1.65	1.80	1.97	2.33	2.90	4.06	5.11	6.73	9.59	13.9	22.8	40.8	80.8
	2.28	2.88	38.6	15.6	2.11	2.31	2.51	2.94	3.35	4.32	5.29	8.16	9.44	15.2	23.0	43.4	75.3
	0.30	*0.35*	*7.55*	*1.49*	*0.36*	*0.28*	*0.31*	*0.33*	*0.35*	*0.35*	*0.39*	*0.43*	*0.63*	*0.95*	*1.18*	*1.88*	*9.36*
290	03592800	34°54′02″	88°17′35″	YELLOW CR AT MOSER BRIDGE, DOSKIE MS (1)								143	144	69	2.440	86	2.22	26
	9.96	14.1	214	72.8	10.5	10.9	11.9	14.6	19.3	29.8	41.0	60.5	80.0	121	167	271	525
	11.0	13.6	211	95.1	10.7	11.5	12.2	13.8	16.0	21.0	25.5	32.0	42.8	61.1	98.4	196	438
	13.6	16.2	217	94.3	12.6	13.5	14.4	16.4	18.3	23.7	28.6	45.9	53.3	85.6	123	245	440
	0.31	*0.42*	*6.34*	*2.45*	*0.34*	*0.42*	*0.48*	*0.53*	*0.57*	*0.62*	*0.72*	*0.76*	*0.92*	*1.17*	*1.65*	*2.23*	*8.49*
321	03610000	36°35′34″	88°18′00″	CLARKS RIVER AT MURRAY KY (1, 2)								89.7	90.0	63	2.340	33	0.97	19
	0.00	0.00	88.6	23.5	0.00	0.00	0.00	0.00	0.00	0.64	1.65	3.49	7.12	13.5	25.4	50.2	139
	0.77	1.70	106	27.7	0.72	1.01	1.31	1.76	2.35	3.57	5.46	8.34	13.7	24.2	47.5	102	237
	0.89	1.95	107	26.6	0.83	1.17	1.52	2.10	2.80	4.22	6.53	8.99	15.8	22.3	52.7	113	269
	0.22	*0.37*	*8.58*	*3.08*	*0.28*	*0.33*	*0.37*	*0.39*	*0.41*	*0.42*	*0.45*	*0.57*	*0.78*	*1.06*	*1.53*	*3.64*	*16.6*
322	03610500	36°52′24″	88°20′48″	CLARKS RIVER NEAR BENTON KY (1, 2)								227	229	44	2.307	49	1.65	34
	2.26	3.45	278	78.5	2.54	2.72	3.08	3.93	5.31	9.71	17.0	27.4	42.6	69.5	118	223	612
	3.74	6.65	291	99.4	3.59	4.51	5.41	6.62	8.22	11.9	17.1	25.1	39.2	66.4	125	285	663
	3.72	6.44	277	88.8	3.47	4.39	5.27	6.70	8.31	12.1	17.0	26.1	48.7	60.4	101	249	675
	0.22	*0.38*	*11.1*	*4.34*	*0.33*	*0.46*	*0.53*	*0.55*	*0.57*	*0.57*	*0.61*	*0.79*	*1.08*	*1.44*	*2.26*	*4.65*	*20.1*
323	03610545	36°46′48″	88°28′03″	W FORK CLARKS RIVER NEAR BREWERS KY (1, 2)								68.7	68.3	32	2.337	58	2.44	19
	2.11	4.50	95.8	37.9	1.93	2.39	3.05	4.36	5.98	9.10	12.9	17.8	25.0	35.7	51.0	82.8	190
	0.45	0.82	85.3	24.8	0.43	0.55	0.66	0.81	1.00	1.48	2.07	3.08	5.17	9.74	21.1	66.7	174
	0.42	0.76	82.6	22.5	0.39	0.50	0.61	0.78	0.97	1.47	2.09	5.11	9.15	13.5	19.7	65.3	174
	0.24	*0.40*	*10.6*	*4.19*	*0.45*	*0.53*	*0.61*	*0.62*	*0.64*	*0.63*	*0.67*	*0.82*	*1.10*	*1.45*	*1.95*	*4.26*	*17.1*
324	03611260	37°02′29″	88°42′39″	MASSAC CREEK NEAR PADUCAH KY (0)								14.6	---	---	---	---	---	30
	0.17	0.34	17.4	6.80	0.15	0.20	0.25	0.35	0.45	0.66	0.87	1.38	2.30	3.72	6.02	11.3	28.8
325	07022500	36°40′45″	88°37′57″	PERRY CREEK NEAR MAYFIELD KY (0)								1.72	---	---	---	---	---	17
	0.00	0.00	1.79	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.20	0.43	2.18
326	07023000	36°57′09″	88°49′30″	MAYFIELD CREEK AT LOVELACEVILLE KY (0)								212	---	---	---	---	---	33
	7.96	10.9	230	84.5	7.88	8.42	8.99	10.6	12.8	16.2	19.9	24.3	31.0	43.9	71.5	138	420
327	07023500	36°41′10″	88°43′35″	OBION CREEK AT PRYORSBURG KY (1, 2)								36.8	36.9	36	2.341	44	1.50	21
	0.00	0.00	39.7	14.4	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.35	1.52	4.54	10.9	23.1	63.9
	0.00	0.45	43.8	10.6	0.00	0.00	0.35	0.46	0.60	0.89	1.32	2.02	3.49	6.67	14.6	39.9	93.4
	0.00	0.45	43.9	10.7	0.00	0.00	0.35	0.48	0.62	0.95	1.42	2.62	4.72	7.12	13.9	38.8	97.6
	0.28	*0.45*	*11.2*	*4.00*	*0.48*	*0.51*	*0.58*	*0.61*	*0.63*	*0.63*	*0.67*	*0.83*	*1.12*	*1.49*	*1.82*	*4.01*	*18.4*

Table A3. Basin and streamflow characteristics for 158 continuous-record gaging stations in adjacent states.—Continued

[See Selected Abbreviations and tables 1 and 2 for explanation of terms. First row of values for each station are basin characteristics. Second row of values for each station are streamflow characteristics from gage record. If given, third, fourth, and fifth rows are region-of-influence estimates, regional-regression equation estimates, and equivalent years (EY) of record, respectively; °, degrees; ′, minutes; ″, seconds; ---, not determined]

MNO	STANO	LAT	LNG	STANAM (0 = not used; 1 = used in program; 2 = used in zero-flow screening)	DA	GIS.DA	GIS.GF	GIS.CF	GIS.SF	GIS.SP	YR
	7Q10	30Q5	MA	MS	99.5%	99%	98%	95%	90%	80%	70%	60%	50%	40%	30%	20%	10%
				West Tennessee region --continued													
328	07024000	36°37′43″	88°57′50″	BAYOU DE CHIEN NEAR CLINTON KY (1)	68.7	68.7	150	2.342	48	1.52	54
	7.20	9.73	103	56.9	7.28	8.10	8.49	9.67	11.1	13.9	16.8	20.0	24.8	31.7	44.2	69.4	190
	4.14	7.01	105	41.9	3.70	4.44	5.52	7.35	9.66	14.0	18.8	24.0	31.5	43.1	62.6	100	209
	3.19	5.26	89.1	31.0	2.97	3.67	4.35	5.56	6.89	9.42	13.0	16.8	26.4	31.8	55.3	97.0	218
	0.48	*0.52*	*15.8*	*4.32*	*0.49*	*0.40*	*0.44*	*0.47*	*0.48*	*0.49*	*0.52*	*0.57*	*0.85*	*1.32*	*1.67*	*4.70*	*29.6*
340	07029270	34°56′37″	88°47′08″	HATCHIE RIVER NEAR WALNUT MS (1)	272	270	225	2.445	62	1.86	31
	26.4	40.1	435	165	23.9	27.1	33.7	41.6	53.4	73.3	97.3	129	175	237	329	540	1045
	50.2	63.6	414	197	48.2	51.1	56.1	63.9	73.8	90.6	110	134	169	223	316	502	980
	35.9	46.6	405	171	33.4	37.2	40.8	48.3	56.2	72.3	91.3	148	160	237	356	550	921
	0.67	*0.78*	*13.5*	*6.49*	*0.48*	*0.55*	*0.57*	*0.68*	*0.75*	*0.81*	*0.86*	*1.00*	*1.30*	*1.73*	*2.16*	*2.50*	*11.7*
351	07266000	34°24′20″	88°57′20″	CANE CREEK NEAR NEW ALBANY MS (0)	22.2	---	---	---	---	---	26
	0.55	1.25	39.8	15.5	0.44	0.69	0.95	1.39	2.04	3.42	5.24	8.22	13.1	19.1	27.5	41.1	71.3
352	07276000	34°50′27″	89°49′33″	COLDWATER RIVER NEAR LEWISBURG MS (0)	213	---	---	---	---	---	13
	29.9	37.7	364	146	21.2	22.6	25.3	33.5	42.4	51.6	60.7	69.9	79.1	120	178	357	932
353	07277000	34°49′49″	89°49′20″	PIGEON ROOST CREEK NR LEWISBURG MS (0)	229	---	---	---	---	---	13
	34.2	39.4	253	132	22.1	24.3	28.5	40.2	43.8	50.9	58.0	65.2	72.3	79.4	123	200	567
354	07277500	34°43′16″	89°59′19″	COLDWATER RIVER NR COLDWATER MS (0)	634	---	---	---	---	---	13
	80.0	93.8	756	285	80.3	81.2	82.8	87.8	96.2	113	129	146	173	253	384	875	1883

Appendix B. Instructions for Use of the Stand-Alone Version of the Low-Flow Frequency and Flow-Duration Computer Program (TDECv301) for Tennessee

The stand-alone low-flow and flow-duration (LFFD) computer program for Tennessee (TDECv301) includes five files. One is the executable program file named TDECv301.exe (423 kilobytes) and dated 28FEB2009 on the opening screen. The other files are required data files described as follows: DATWv303.txt (40 kilobytes), DATMv303.txt (288 kilobytes), NAMWv203.txt (10 kilobytes), and NAMMv203.txt (69 kilobytes). These files must be located in a common directory for the computer program to work properly. The computer program and data files can be downloaded from the World Wide Web at http://pubs.usgs.gov/sir/2009/5159.

Prior to running the Tennessee LFFD program (TDECv301), go to the World Wide Web at http://water.usgs.gov/osw/streamstats/index.html and use StreamStats to compute basin characteristics for the site. If justified, manual methods can be used to compute basin characteristics. After computing the required basin characteristics, run the computer program. The following opening screen will appear:

```
This program estimates selected low-flow and
 flow-duration discharges for unregulated streams
 using: (1) Region-of-Influence (ROI) method, and
        (2) Regional-regression (RRE) equations.

 N(ROI,W) =  45 VARIABLE SITES, WEST TENN REGION,
 N(ROI,CE)=  45 VARIABLE SITES, CENTRAL+EAST TENN REG.,
 N(RRE,W) = 124 CONSTANT SITES, WEST TENN REGION,
 N(RRE,CE)= 891 CONSTANT SITES, CENTRAL+EAST TENN REG.

 Use USGS StreamStats program to compute watershed
 characteristics for manual entry to this program.
 http://water.usgs.gov/osw/streamstats/index.html

 REFERENCE: "Streamflow Characteristic Estimation
 Methods for Unregulated Streams of Tennessee"
 by George S. Law, Gary D. Tasker, and David E. Ladd.
 [USGS Scientific Investigations Report 09-5159]
-------------------------------------------------------
* No warranty, expressed or implied, is made by USGS  *
* for accuracy and functioning of program and related *
* program material. [TDEC Version 3.0.1 - 28FEB2009]  *
-------------------------------------------------------
 Output will be to a user named output file.
 ENTER name of output file: `
```

Type the output file name and press the ENTER key. The following question will appear:

```
Is site in West or Central+East Region of Tennessee?

ENTER 1 for West Region
ENTER 0 for Central+East Region
:
```

Type 0 or 1 and press the ENTER key. The following statement will appear:

```
ENTER name for site
:
```

Type the site name and press the ENTER key. The following statement will appear:

```
ENTER site latitude (dd mm ss):
```

Type the site latitude and press the ENTER key. The following statement will appear:

```
ENTER site longitude as a positive no. (dd mm ss):
```

Type the site longitude and press the ENTER key. The following statement will appear:

```
ENTER watershed characteristics for site

Drainage area in square miles,
recommended range by region--
West        : 1.00 to  2,400
Central+East: 1.00 to 10,000
:
```

Type the drainage area and press the ENTER key. The following statement will appear:

```
Geology Factor as a whole number,
required range by region--
West        : 32 to 350
Central+East: 32 to 175
:
```

Type the geology factor and press the ENTER key. The following statement will appear:

```
Climate Factor with 3 decimal places,
required range by region--
West        : 2.307 to 2.455
Central+East: 2.056 to 2.461
:
```

Type the climate factor and press the ENTER key. The following statement will appear:

```
Soil Factor as a whole number,
required range by region--
West        : 2 to  98
Central+East: 2 to 100
:
```

Type the soil factor and press the ENTER key. The following statement will appear:

```
Soil permeability with 2 decimal places,
required range by region--
West        : 0.97 to 2.44
Central+East: 0.45 to 9.72
:
```

After entering soil permeability, the program writes results to the computer screen and to the user named output file (Appendix C). This completes the execution of the Tennessee LFFD computer program.

Appendix C. Description of Output From the Stand-Alone Version of the Low-Flow Frequency and Flow-Duration Computer Program (TDECv301) for Tennessee

After entering the site name, latitude, longitude, drainage area, geology factor, climate factor, soil factor, and soil permeability for a site of interest, the low-flow and flow-duration computer program, TDECv301, produces a user-named output file. Tables C1 and C2 provide examples of the output file for a gaged site in the West-region and Central+East-region of Tennessee, respectively. After listing the basin characteristics of the site of interest and providing the method specifications, the output file gives a listing of the 45 gaged sites in the region-of-influence (ROI) for the site of interest. If the site of interest is a gaged site, the region-of-influence includes the gaged site. For the examples provided in tables C1 and C2, the site of interest is also the first site listed in the region-of-influence. For each gaged site in the region-of-influence, the output file gives map number (MNO; plate 1; Appendix A), station number (STANO), latitude (LAT), longitude (LNG), drainage area (DA), geology factor (GF), climate factor (CF), soil factor (SF), soil permeability (SP), and the station location. The location is abbreviated because each row has a maximum width of 80 characters.

After a list of the data sites in the region-of-influence, the output file lists the zero-flow probabilities, and the region-of-influence (ROI) method and regional regression (RRE) equation streamflow-characteristic estimates for the site of interest. For each streamflow characteristic, referred to as "Rv" in the output file, the program gives the ROI estimated value and the 90-percent PREDICTION INTERVAL for the ROI estimated value, equivalent years of record (EY) of the ROI value, and the region regression (RRE) equation estimated value. Prediction intervals are for a two-tailed confidence level of 10 percent, and t critical is 1.682 for α of 0.10 and 43 degrees of freedom.

Next, for each streamflow characteristic, the program gives the intercept (CONSTANT) and slopes [log(DA), log(GF-30), and log(SF)] of the logarithmic form of the ROI estimation equation. Following this information, the program lists the results of a test for the existence of a relation in the regression equation. In addition the program lists the standard error of the regression coefficient (SE), the student's t value (T:BETA=0) that measures the strength of the relation of the regression, and the probability (p-value) there is no relationship in the regression. The ROI method uses a full model fit to eliminate the possibility of inconsistent streamflow characteristic estimates that can occur when dropping insignificant explanatory variables from the equations.

Table C1. Low-flow frequency and flow-duration estimates for a West region site (see Selected Abbreviations and tables 1 and 2 for explanation of terms; see fig. C1 for location of region-of-influence stations).

```
Low-Flow and Flow-Duration computer program, TDEC Version 3.0.1
 Streamflow estimates for:
 07029350 Tuscumbia River at Cypress, TN
 LAT: 35  0 54 LNG: 88 44 20  West Tennessee Region
 Explanatory variables:
 DA:  328.90 GF: 85.0 CF: 2.44400 SF: 46.0 SP: 1.41
 Method specifications:
 Number of sites in region-of-influence (ROI)= 45 [VARIABLE]
 ROI selection metric = f(DA,GF,CF)
 ROI regression = f(DA,GF-30,SF)
 Number of sites in regional-regression (RRE)= 124 [CONSTANT]
 RRE regression = f(DA,GF-30,CF,SF,SP)
Region-of-influence stations and data:
```

MNO	STANO	LAT	LNG	DA	GF	CF	SF	SP	LOCATION
1203	7029350	35.015	88.739	328.9	85	2.444	46	1.41	TUSCUMBIA R CYPRESS TN
0346	7030280	35.281	89.766	504.9	83	2.405	56	1.24	LOOSAHATCHIE R BRSWCK TN
0290	3592800	34.901	88.293	143.8	69	2.440	86	2.22	YELLOW CR DOSKIE MS
0345	7030240	35.310	89.640	211.8	145	2.406	56	1.40	LOOSAHATCHIE R ARLGTN TN
0342	7029400	35.056	88.799	838.2	148	2.443	53	1.60	HATCHIE R POCAHONTAS TN
0348	7031650	35.116	89.801	697.1	164	2.437	61	1.58	WOLF R GERMANTOWN TN
0349	7031700	35.202	89.923	770.7	151	2.405	62	1.54	WOLF R RALEIGH TN
0338	7029000	35.851	89.067	370.7	169	2.389	68	1.70	MF FKD DEER R ALAMO TN
0339	7029100	36.030	89.387	938.9	94	2.374	59	1.43	NF FKD DEER R DYRSBRG TN
1224	7030600	35.081	89.651	597.0	186	2.436	63	1.66	WOLF R COLLIERVILLE TN
0332	7025500	36.400	88.995	425.2	117	2.350	66	1.56	NF OBION R UNION CITY TN
1180	7025400	36.406	88.856	368.9	127	2.349	70	1.65	N FK OBION R MARTIN TN
1176	7025100	36.205	88.999	266.0	141	2.357	73	1.85	RTHF FK OBION R KENTN TN
0347	7030500	35.054	89.542	503.6	209	2.435	67	1.77	WOLF R ROSSVILLE TN
1175	7025050	36.129	88.974	236.9	155	2.358	77	1.94	RTHF FK OBION R RTHFD TN
0341	7029380	35.066	88.655	94.9	160	2.442	62	1.82	CYPRESS CR RAMER TN
1202	7029275	35.042	88.786	311.2	224	2.443	61	1.84	HATCHIE R POCAHONTAS TN
0340	7029270	34.944	88.786	270.0	225	2.445	62	1.86	HATCHIE R WALNUT MS
0336	7028000	35.862	89.348	972.0	159	2.385	60	1.50	SF FKD DEER R CHNT BL TN
1195	7027800	35.818	89.356	932.0	165	2.387	61	1.52	SF FKED DEER R GATES TN
1196	7028100	35.929	89.390	1020.6	153	2.382	61	1.49	SF FKED DEER R HALLS TN
1197	7028200	35.976	89.401	1053.4	149	2.381	61	1.48	SF FKED DEER R YLW BL TN
1200	7028960	35.744	88.846	210.7	212	2.394	77	1.96	MF FKED DEER R FAIRVW TN
0337	7028500	35.980	88.926	72.7	123	2.388	83	2.19	NF FKD DEER R TRENTON TN
1214	7030020	35.485	89.381	93.8	169	2.401	46	1.18	BIG MUDDY CR STANTON TN
0331	7025000	36.053	88.878	201.0	176	2.358	81	2.07	RTH FK OBION R BRDFRD TN
1189	7027300	35.449	88.604	159.9	217	2.403	73	2.06	SF FKED DEER R HNDRSN TN
1193	7027680	35.693	89.110	682.3	211	2.395	65	1.68	SF FKED DEER R BELLS TN
1199	7028920	35.740	88.794	172.0	216	2.395	76	1.94	MF FKED DEER R OAKFLD TN
0335	7027500	35.594	88.814	495.1	231	2.399	66	1.81	SF FKD DEER R JACKSON TN
0299	3594445	35.624	88.273	114.7	198	2.395	70	2.07	BEECH R CHESTERFIELD TN
0291	3593300	35.220	88.427	50.2	100	2.413	42	1.42	SNAKE CR ADAMSVILLE TN
1172	7024770	36.203	88.822	286.1	197	2.354	67	1.59	M FK OBION R SHARON TN
1220	7030250	35.320	89.658	145.5	32	2.405	63	1.14	BEAVER CR ARLINGTON TN
0294	3594058	35.372	88.384	46.7	98	2.407	54	1.63	WHITE OAK CR MLLEDGV TN
0320	3607000	36.238	88.097	391.2	200	2.348	73	1.90	BIG SANDY R BIG SANDY TN
0321	3610000	36.593	88.300	90.0	63	2.340	33	0.97	CLARKS R MURRAY KY
0343	7029500	35.275	88.977	1480.0	182	2.409	57	1.65	HATCHIE R BOLIVAR TN
1223	7030400	35.121	89.283	68.5	183	2.426	77	2.09	N FK WOLF R LAGRANGE TN
0295	3594120	35.416	88.361	46.1	110	2.405	42	1.39	MIDDLETON CR MLLEDGV TN
1218	7030210	35.250	89.343	79.6	202	2.417	74	1.92	LOOSAHTCHE R 2 SOMRV TN
1219	7030212	35.258	89.353	80.6	203	2.414	74	1.91	LOOSAHTCHE R 3 SOMRV TN
1174	7024900	35.947	88.714	108.3	217	2.390	80	2.06	RTHF FK OBION R MILAN TN
1217	7030209	35.246	89.326	76.0	200	2.417	74	1.95	LOOSAHTCHE R 1 SOMRV TN
0319	3606500	36.039	88.228	205.3	234	2.364	79	2.08	BIG SANDY R BRUCETON TN

Table C1. Low-flow frequency and flow-duration estimates for a West region site (see Selected Abbreviations and tables 1 and 2 for explanation of terms; see fig. C1 for location of region-of-influence stations).—Continued

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Low-Flow and Flow-Duration computer program, TDEC Version 3.0.1

 Streamflow estimates for:

 07029350 Tuscumbia River at Cypress, TN

 LAT: 35  0 54 LNG: 88 44 20

 Probability of:

     7Q10 of zero, p =   0.008828 (test for adjustment if p > 0.100)
     30Q5 of zero, p =   0.002049 (test for adjustment if P > 0.200)
 Duration of zero, p =   0.001843 (test for adjustment if p > 0.005)

 Summary of regression results in cubic ft/s,
 N = not adjusted; Y = adjusted for probability of zero:
 ==============================================================================
  Rv          ROI VALUE      90% PREDICTION INTERVAL     EY_ROI    RRE VALUE
 ==============================================================================
  7Q10          9.66 N           3.33       28.04        0.62       11.05
  30Q5         17.60 N           7.29       42.46        0.82       18.26
   MA         470.92 N         379.55      584.29       10.37      457.46
   MS         162.71 N         117.35      225.60       10.02      144.54
  q99.5         8.88 N           3.10       25.46        0.75       10.34
  q99          11.35 N           4.31       29.93        1.01       12.80
  q98          14.32 N           5.84       35.08        1.15       15.15
  q95          18.69 N           8.14       42.93        1.28       19.17
  q90          24.29 N          10.74       54.90        1.28       23.69
  q80          33.77 N          14.54       78.44        1.11       33.15
  q70          49.06 N          22.51      106.92        1.29       46.14
  q60          68.85 N          32.84      144.33        1.52       86.43
  q50         102.87 N          50.39      210.04        1.80      102.00
  q40         158.04 N          77.48      322.35        1.95      173.12
  q30         259.52 N         126.79      531.20        2.22      318.16
  q20         483.71 N         257.85      907.39        2.14      597.87
  q10         997.00 N         711.22     1397.61        8.09     1054.93
 ==============================================================================
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Table C1. Low-flow frequency and flow-duration estimates for a West region site (see Selected Abbreviations and tables 1 and 2 for explanation of terms; see fig. C1 for location of region-of-influence stations).—Continued

ROI regression equations:

Rv	PARAMETER	COEFFICIENT	SE	T:BETA=0	P-VALUE
7Q10	CONSTANT	-8.3342	0.8637	-9.6496	0.0001
	log(DA)	1.4184	0.0956	14.8433	0.0001
	log(GF-30)	0.5089	0.1284	3.9626	0.0003
	log(SF)	2.9248	0.4867	6.0094	0.0001
30Q5	CONSTANT	-6.0949	0.7139	-8.5371	0.0001
	log(DA)	1.2742	0.0790	16.1321	0.0001
	log(GF-30)	0.5309	0.1062	5.0010	0.0001
	log(SF)	1.9299	0.4023	4.7971	0.0001
MA	CONSTANT	0.1751	0.1748	1.0014	0.3225
	log(DA)	0.9883	0.0193	51.1029	0.0001
	log(GF-30)	0.0135	0.0260	0.5177	0.6075
	log(SF)	-0.0080	0.0985	-0.0807	0.9360
MS	CONSTANT	-1.4937	0.2648	-5.6403	0.0001
	log(DA)	1.0579	0.0293	36.1064	0.0001
	log(GF-30)	0.1031	0.0394	2.6168	0.0124
	log(SF)	0.5190	0.1492	3.4773	0.0012
q99.5	CONSTANT	-8.5973	0.8539	-10.0680	0.0001
	log(DA)	1.4327	0.0945	15.1644	0.0001
	log(GF-30)	0.5096	0.1270	4.0135	0.0002
	log(SF)	3.0386	0.4812	6.3146	0.0001
q99	CONSTANT	-7.6129	0.7856	-9.6911	0.0001
	log(DA)	1.3824	0.0869	15.9056	0.0001
	log(GF-30)	0.5087	0.1168	4.3545	0.0001
	log(SF)	2.5880	0.4427	5.8461	0.0001
q98	CONSTANT	-6.7045	0.7262	-9.2321	0.0001
	log(DA)	1.3231	0.0803	16.4675	0.0001
	log(GF-30)	0.5164	0.1080	4.7816	0.0001
	log(SF)	2.1839	0.4092	5.3365	0.0001
q95	CONSTANT	-5.8279	0.6740	-8.6469	0.0001
	log(DA)	1.2503	0.0746	16.7667	0.0001
	log(GF-30)	0.5390	0.1002	5.3781	0.0001
	log(SF)	1.8129	0.3798	4.7732	0.0001
q90	CONSTANT	-5.0817	0.6610	-7.6885	0.0001
	log(DA)	1.1972	0.0731	16.3716	0.0001
	log(GF-30)	0.5548	0.0983	5.6452	0.0001
	log(SF)	1.4963	0.3725	4.0174	0.0002
q80	CONSTANT	-4.3313	0.6830	-6.3414	0.0001
	log(DA)	1.1441	0.0756	15.1396	0.0001
	log(GF-30)	0.5714	0.1016	5.6262	0.0001
	log(SF)	1.1942	0.3849	3.1026	0.0035
q70	CONSTANT	-3.2675	0.6314	-5.1754	0.0001
	log(DA)	1.0968	0.0699	15.7019	0.0001
	log(GF-30)	0.5848	0.0939	6.2287	0.0001
	log(SF)	0.7095	0.3558	1.9943	0.0528
q60	CONSTANT	-2.5104	0.5998	-4.1851	0.0001
	log(DA)	1.0830	0.0664	16.3179	0.0001
	log(GF-30)	0.5857	0.0892	6.5659	0.0001
	log(SF)	0.3628	0.3380	1.0731	0.2895
q50	CONSTANT	-1.7520	0.5785	-3.0287	0.0042
	log(DA)	1.0741	0.0640	16.7819	0.0001
	log(GF-30)	0.5130	0.0860	5.9640	0.0001
	log(SF)	0.1010	0.3260	0.3098	0.7582
q40	CONSTANT	-1.0663	0.5777	-1.8458	0.0722
	log(DA)	1.0694	0.0639	16.7317	0.0001
	log(GF-30)	0.4549	0.0859	5.2958	0.0001
	log(SF)	-0.1313	0.3255	-0.4034	0.6888
q30	CONSTANT	-0.5364	0.5805	-0.9240	0.3609
	log(DA)	1.0610	0.0642	16.5202	0.0001
	log(GF-30)	0.3430	0.0863	3.9733	0.0003
	log(SF)	-0.1907	0.3271	-0.5828	0.5632
q20	CONSTANT	-0.1256	0.5098	-0.2464	0.8066
	log(DA)	1.0757	0.0564	19.0698	0.0001
	log(GF-30)	0.1445	0.0758	1.9060	0.0637
	log(SF)	-0.0895	0.2873	-0.3114	0.7571
q10	CONSTANT	0.0916	0.2737	0.3345	0.7397
	log(DA)	1.0663	0.0303	35.2072	0.0001
	log(GF-30)	0.0789	0.0407	1.9392	0.0594
	log(SF)	0.0517	0.1543	0.3349	0.7394

END PROGRAM

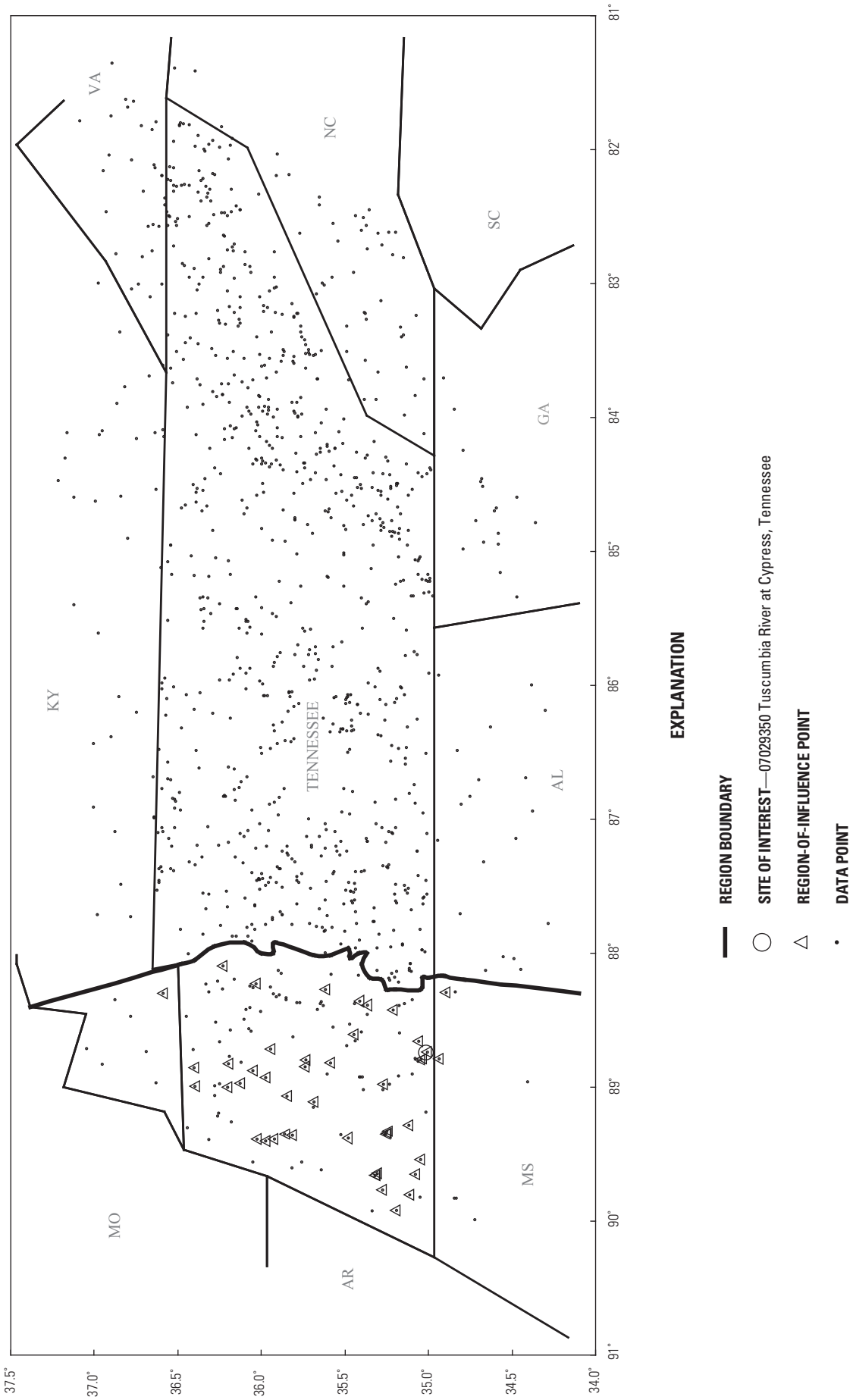

Figure C1. Location of stations in the region-of-influence for the West-region example given in table C1.

Table C2. Low-flow frequency and flow-duration estimates for a Central+East region site (see Selected Abbreviations and tables 1 and 2 for explanation of terms; see fig. C2 for location of region-of-influence stations).

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Low-Flow and Flow-Duration computer program, TDEC Version 3.0.1
 Streamflow estimates for:
 03434000 Big Turnbull Creek near Kingston Springs, TN
 LAT: 36  6  4 LNG: 87  7 37  Central+East Tennessee Region
 Explanatory variables:
 DA:  114.70 GF:104.0 CF: 2.34251 SF: 79.0 SP: 1.41
 Method specifications:
 Number of sites in region-of-influence (ROI)= 45 [VARIABLE]
 ROI selection metric = f(DA,GF,CF)
 ROI regression = f(DA,GF-30,SF)
 Number of sites in regional-regression (RRE)= 891 [CONSTANT]
 RRE regression = f(DA,GF-30,CF,SF,SP)

Region-of-influence stations and data:
```

MNO	STANO	LAT	LNG	DA	GF	CF	SF	SP	LOCATION
0565	3434000	36.101	87.127	114.7	104	2.343	79	1.41	B TURNBLL CR KSTN SPR TN
0079	3431800	36.320	87.051	97.7	97	2.333	80	2.06	SYCAMOR CR ASHLND CTY TN
0895	3567400	34.989	85.196	153.4	112	2.352	40	1.55	W CHICKAMAUG CR E RDG TN
0093	3436700	36.349	87.539	123.7	120	2.336	83	1.97	YELLOW CR SHILOH TN
0092	3436690	36.311	87.554	103.0	120	2.338	82	2.04	YELLOW CR ELLIS MILLS TN
0248	3565250	35.282	84.609	113.6	112	2.312	32	0.90	CHESTUEE CR DENTVILLE TN
0875	35662553	35.279	84.843	100.2	93	2.315	26	0.81	CANDIES CR EUREKA TN
0564	3433910	36.032	87.213	66.2	111	2.345	80	1.23	B TURNBLL CR NEW HOPE TN
0874	3566250	35.217	84.883	87.8	91	2.319	26	0.81	CANDIES CR CLEVELAND TN
0873	3566235	35.173	84.906	65.1	93	2.342	30	0.87	CANDIES CR US CLEVLND TN
0848	3557300	35.243	84.605	101.3	90	2.313	43	2.83	CONASAUGA CR DELANO TN
1088	3602230	35.953	87.465	77.6	126	2.345	71	1.56	PINEY R 1 PINEWOOD TN
1092	3602265	35.910	87.468	150.7	130	2.345	72	1.91	PINEY R 2 PINEWOOD TN
0234	3550000	35.139	83.981	103.5	111	2.306	48	2.71	VALLEY R TOMOTLA NC
0301	3596000	35.471	86.122	112.2	130	2.364	26	0.98	DUCK R MANCHESTER TN
0437	3420800	35.658	85.803	133.3	80	2.337	68	1.38	HICKORY CR MCMINNV TN
0947	3580800	35.122	86.306	83.6	110	2.380	70	1.58	BEANS CR LEXIE CRSRDS TN
0196	3518500	35.362	84.279	117.6	115	2.303	51	5.37	TELLICO R TELICO PLNS TN
1073	3601700	35.795	87.311	99.9	124	2.376	80	2.18	LICK CR 2 LITTLELOT TN
0596	3436426	36.610	87.470	127.4	80	2.328	46	1.00	L WFK RED R 1 FT CAMP TN
0597	3436430	36.608	87.449	136.1	80	2.328	47	1.01	L WFK RED R 2 FT CAMP TN
0302	3596500	35.457	86.257	209.8	113	2.367	38	1.38	DUCK R NORMANDY TN
0054	3420500	35.667	85.882	125.6	138	2.336	37	0.98	BARREN FK TROUSDALE TN
1077	3601900	35.756	87.416	152.2	117	2.380	78	2.29	BIG SWAN CR CENTERV TN
1105	3603500	35.971	87.782	75.0	132	2.349	74	2.75	HURRICANE CR HCANE ML TN
0871	3566140	35.333	84.766	73.5	120	2.311	68	1.35	N MOUSE CR CALHOUN TN
0560	3433700	36.009	87.029	59.6	124	2.338	80	2.00	S HARPETH R LINTON TN
1143	3605968	36.239	87.785	56.1	120	2.343	84	2.66	WHITEOAK CR CONCORD TN
0902	3568670	35.023	85.304	72.5	81	2.352	20	1.38	CHATTANOOGA CR 2 CHAT TN
0594	3436300	36.599	87.351	79.5	80	2.327	70	1.12	SPRING CR ST. BETHLHM TN
0845	3557148	35.284	84.546	79.9	85	2.311	39	3.25	CONASAUGA CR ETOWAH TN
0598	3436460	36.592	87.390	178.0	80	2.327	45	1.00	L WFK RED R NEW PRVD TN
0595	3436400	36.622	87.513	72.3	80	2.329	63	1.10	NOAHS SPR BR FT CAMP TN
0600	3436655	36.208	87.529	52.5	120	2.340	75	2.14	YELLOW CR RUSKIN TN
0570	3434600	36.155	87.281	56.3	86	2.340	79	1.24	JONES CR CHARLOTTE TN
1132	3604240	35.709	87.775	83.9	121	2.387	81	2.26	CANE CR BEARDSTOWN TN
1140	3605720	36.171	87.866	50.6	120	2.347	88	2.63	B RICHLAND CR HLLS CR TN
0434	3420440	35.678	85.952	65.3	138	2.345	33	0.95	S PR BARREN FK TRSDLE TN
0901	3568630	34.994	85.303	64.5	79	2.352	19	1.46	CHATTANOOGA CR 1 CHAT TN
0593	3436200	36.609	87.368	179.6	77	2.327	76	1.19	WF RED R NEW PRVDNCE TN
1086	3602220	35.992	87.439	46.7	120	2.344	68	1.63	PINEY R DICKSON TN
0912	3570602	35.597	85.191	101.8	73	2.328	58	1.92	SEQUATCHIE R 2 PIKEV TN
0911	3570600	35.605	85.186	99.7	73	2.328	57	1.92	SEQUATCHIE R 1 PIKEV TN
0913	3570650	35.503	85.256	150.8	73	2.334	59	1.94	SEQUATCHIE R COLL STA TN
0438	3420900	35.673	85.759	302.6	112	2.337	57	1.19	BARREN FK MCMINNV TN

Table C2. Low-flow frequency and flow-duration estimates for a Central+East region site (see Selected Abbreviations and tables 1 and 2 for explanation of terms; see fig. C2 for location of region-of-influence stations).—Continued

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Low-Flow and Flow-Duration computer program, TDEC Version 3.0.1

 Streamflow estimates for:

 03434000 Big Turnbull Creek near Kingston Springs, TN

 LAT: 36  6  4 LNG: 87  7 37

 Probability of:

     7Q10 of zero, p =   0.013080 (test for adjustment if p > 0.100)
     30Q5 of zero, p =   0.002829 (test for adjustment if p > 0.200)
 Duration of zero, p =   0.003209 (test for adjustment if p > 0.005)

 Summary of regression results in cubic ft/s,
 N = not adjusted; Y = adjusted for probability of zero:
 ==============================================================================
  Rv          ROI VALUE      90% PREDICTION INTERVAL     EY_ROI    RRE VALUE
 ==============================================================================
  7Q10         16.51 N           8.45       32.26        1.14       15.93
  30Q5         21.84 N          11.70       40.74        1.12       21.44
   MA         187.84 N         147.28      239.56        4.76      190.16
   MS          89.88 N          54.71      147.65        3.07       85.82
  q99.5        15.82 N           8.35       29.97        1.43       15.32
  q99          17.39 N           9.29       32.57        1.39       16.80
  q98          19.36 N          10.53       35.62        1.44       19.09
  q95          23.07 N          12.60       42.24        1.42       22.74
  q90          27.78 N          15.14       50.95        1.48       27.68
  q80          36.52 N          19.95       66.83        1.64       35.70
  q70          47.52 N          26.20       86.20        1.76       46.76
  q60          62.19 N          34.12      113.35        1.90       61.70
  q50          86.92 N          50.40      149.91        2.16       85.59
  q40         124.39 N          76.39      202.56        2.36      119.44
  q30         171.28 N         114.18      256.93        3.11      165.38
  q20         237.95 N         175.08      323.39        5.17      232.85
  q10         393.71 N         311.50      497.61        9.24      385.43
 ==============================================================================
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Table C2. Low-flow frequency and flow-duration estimates for a Central+East region site (see Selected Abbreviations and tables 1 and 2 for explanation of terms; see fig. C2 for location of region-of-influence stations).—Continued

ROI regression equations:

Rv	PARAMETER	COEFFICIENT	SE	T:BETA=0	P-VALUE
7Q10	CONSTANT	-4.2491	0.5354	-7.9364	0.0001
	log(DA)	1.1487	0.1462	7.8563	0.0001
	log(GF-30)	1.6496	0.2095	7.8736	0.0001
	log(SF)	0.0093	0.1427	0.0648	0.9486
30Q5	CONSTANT	-3.8307	0.4986	-7.6835	0.0001
	log(DA)	1.1547	0.1362	8.4810	0.0001
	log(GF-30)	1.4834	0.1951	7.6034	0.0001
	log(SF)	0.0099	0.1329	0.0746	0.9409
MA	CONSTANT	-0.0386	0.1944	-0.1985	0.8436
	log(DA)	1.0689	0.0531	20.1333	0.0001
	log(GF-30)	0.1162	0.0761	1.5271	0.1344
	log(SF)	-0.0560	0.0518	-1.0816	0.2858
MS	CONSTANT	-1.4649	0.3968	-3.6918	0.0006
	log(DA)	1.2503	0.1084	11.5381	0.0001
	log(GF-30)	0.3148	0.1553	2.0274	0.0492
	log(SF)	0.1344	0.1058	1.2710	0.2109
q99.5	CONSTANT	-4.1317	0.5107	-8.0902	0.0001
	log(DA)	1.1061	0.1395	7.9308	0.0001
	log(GF-30)	1.6127	0.1999	8.0697	0.0001
	log(SF)	0.0201	0.1361	0.1478	0.8832
q99	CONSTANT	-4.0554	0.5013	-8.0895	0.0001
	log(DA)	1.1275	0.1369	8.2361	0.0001
	log(GF-30)	1.5706	0.1962	8.0062	0.0001
	log(SF)	0.0199	0.1336	0.1487	0.8825
q98	CONSTANT	-3.9169	0.4871	-8.0406	0.0001
	log(DA)	1.1366	0.1330	8.5439	0.0001
	log(GF-30)	1.5290	0.1906	8.0207	0.0001
	log(SF)	0.0026	0.1298	0.0199	0.9842
q95	CONSTANT	-3.6199	0.4834	-7.4881	0.0001
	log(DA)	1.1550	0.1320	8.7488	0.0001
	log(GF-30)	1.3963	0.1892	7.3810	0.0001
	log(SF)	-0.0031	0.1288	-0.0238	0.9811
q90	CONSTANT	-3.3639	0.4848	-6.9383	0.0001
	log(DA)	1.1760	0.1324	8.8816	0.0001
	log(GF-30)	1.2595	0.1897	6.6385	0.0001
	log(SF)	0.0165	0.1292	0.1279	0.8989
q80	CONSTANT	-2.8806	0.4831	-5.9630	0.0001
	log(DA)	1.2009	0.1319	9.1031	0.0001
	log(GF-30)	1.0041	0.1890	5.3115	0.0001
	log(SF)	0.0489	0.1287	0.3801	0.7059
q70	CONSTANT	-2.4551	0.4760	-5.1578	0.0001
	log(DA)	1.2204	0.1300	9.3879	0.0001
	log(GF-30)	0.7819	0.1863	4.1973	0.0001
	log(SF)	0.0828	0.1269	0.6527	0.5176
q60	CONSTANT	-2.0887	0.4798	-4.3534	0.0001
	log(DA)	1.2534	0.1310	9.5659	0.0001
	log(GF-30)	0.6270	0.1878	3.3394	0.0018
	log(SF)	0.0680	0.1279	0.5320	0.5976
q50	CONSTANT	-1.5312	0.4356	-3.5149	0.0011
	log(DA)	1.2393	0.1190	10.4171	0.0001
	log(GF-30)	0.3775	0.1705	2.2142	0.0324
	log(SF)	0.1119	0.1161	0.9639	0.3407
q40	CONSTANT	-0.9492	0.3897	-2.4357	0.0193
	log(DA)	1.2145	0.1064	11.4116	0.0001
	log(GF-30)	0.1832	0.1525	1.2016	0.2364
	log(SF)	0.1055	0.1039	1.0156	0.3158
q30	CONSTANT	-0.1593	0.3241	-0.4914	0.6257
	log(DA)	1.1166	0.0885	12.6159	0.0001
	log(GF-30)	0.0317	0.1268	0.2503	0.8036
	log(SF)	0.0178	0.0864	0.2066	0.8373
q20	CONSTANT	0.4128	0.2452	1.6833	0.0999
	log(DA)	1.0691	0.0670	15.9643	0.0001
	log(GF-30)	-0.0708	0.0960	-0.7382	0.4646
	log(SF)	-0.0557	0.0654	-0.8528	0.3987
q10	CONSTANT	0.7498	0.1872	4.0056	0.0003
	log(DA)	1.0540	0.0511	20.6175	0.0001
	log(GF-30)	-0.1040	0.0733	-1.4196	0.1633
	log(SF)	-0.0691	0.0499	-1.3841	0.1738

END PROGRAM

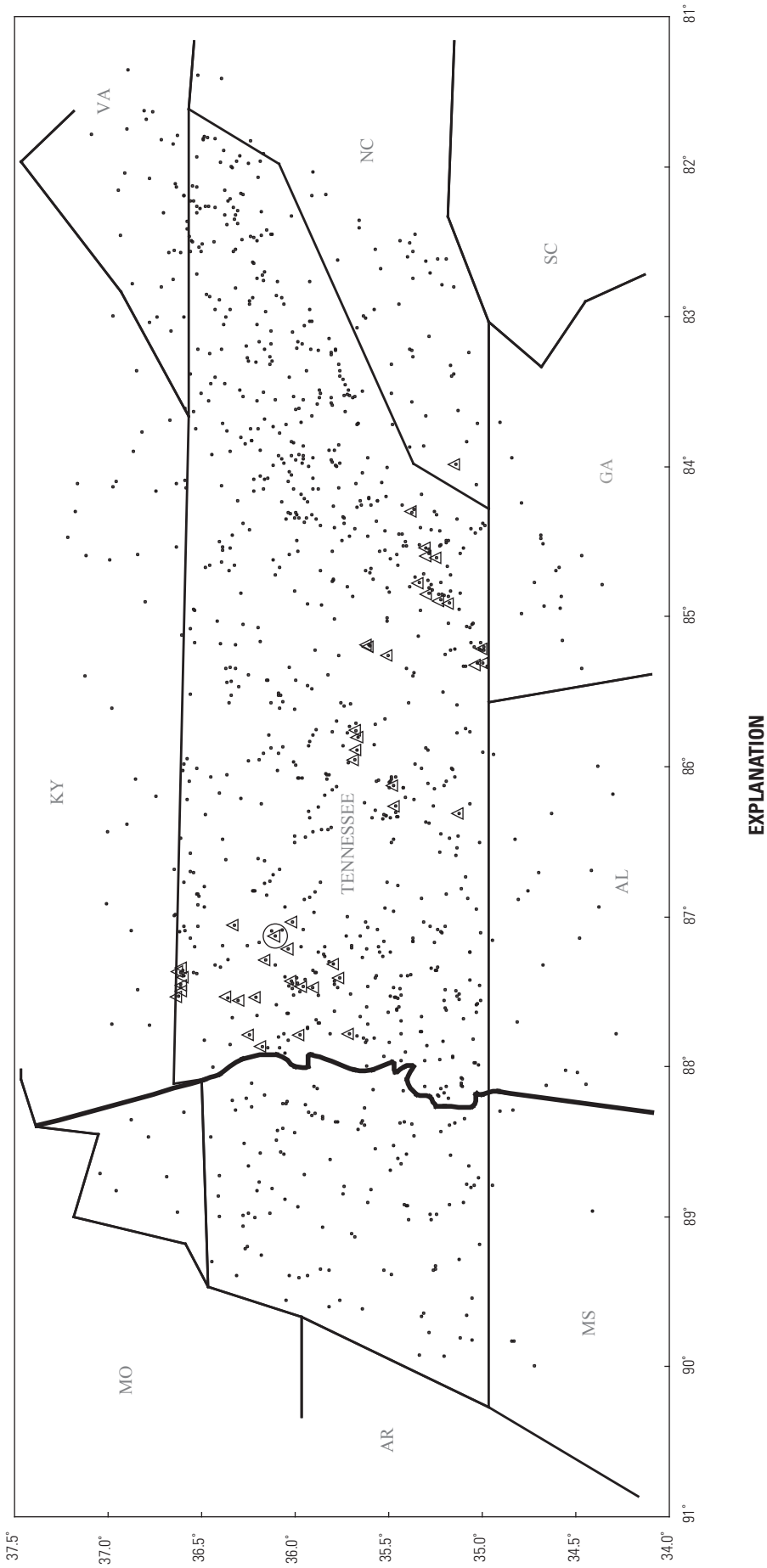

Figure C2. Location of stations in the region-of-influence for the Central+East region example given in table C2.

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