Hydrologic, Water-Quality, Sediment Transport, and Bulk Atmospheric-Deposition Data, Guanella Pass Area, Colorado, October 1, 1994, through September 30, 1997

By Michael R. Stevens

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CONVERSION FACTORS, VERTICAL DATUM, AND ABBREVIATIONS

Multiply	By	To obtain
centimeter (cm)	0.3937	inch
centimeter squared (cm^2)	0.1550	inch squared (in^2)
cubic foot per second (ft^3/s)	0.02832	cubic meter per second
foot (ft)	0.3048	meter
gallon (gal)	3.785	liter
inch	2.54	centimeter
liter (L)	0.2642	gallon (gal)
micrometer (µm)	0.00003937	inch
mile (mi)	1.609	kilometer
milliliter (mL)	0.0610	cubic inch
millimeter (mm)	0.03937	inch
square foot (ft^2)	0.0929	square meter

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

$$°F = (1.8 \times °C) + 32$$

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

$$°C = (° F - 32) / 1.8$$

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929 (NGVD of 1929)—a geodetic datum derived from a general adjustment of the first-order level nets of both the United States and Canada, formerly called Sea Level Datum of 1929.

ADDITIONAL ABBREVIATIONS

mg	milligrams
mg/g	milligrams per gram
µg/L	micrograms per liter
µm	micrometer
µS/cm	microsiemens per centimeter at 25 degrees Celsius
mg/kg	milligrams per kilogram
mg/L	milligrams per liter
NTU	nephelometric turbidity units
ROE	residue on evaporation

Hydrologic, Water-Quality, Sediment Transport, and Bulk Atmospheric-Deposition Data, Guanella Pass Area, Colorado, October 1, 1994, through September 30, 1997

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Abstract

The hydrology and water quality of streams and lakes in the Guanella Pass area could be affected by the proposed reconstruction of the existing road over Guanella Pass between Georgetown and Grant, Colo. Data were collected during water years 1995 through 1997 (October 1, 1994, through September 30, 1997) that describe the preconstruction hydrology, water quality, sediment transport, and bulk atmospheric deposition in the Guanella Pass study area with most data being collected primarily during water years 1996–97. Data were collected at 17 stream sites, 7 road-runoff sites, 10 ground-water sites, 3 lake sites, 1 reservoir site, 2 snow-precipitation sites, and 4 bulk atmospheric-deposition sites. Data include onsite measurements of streamflow, specific conductance, pH, water temperature, turbidity, barometric pressure, and dissolved oxygen; concentrations of major ions, nutrients, and trace elements; organic carbon and trace organic compounds; suspended-sediment concentration and particle-size analyses; field measurement and depth profiles, and chlorophyll concentrations in lakes and reservoirs; trace element, nutrient, and trace organic (semi-volatiles, PCBs, and insecticides) analyses of lake and reservoir bottom sediment; and bulk atmospheric deposition rates of solids. Daily values for streamflow, maximum and minimum water temperature, specific conductance, and suspended sediment were computed at seven streamflow-monitoring stations located along South Clear Creek, Leavenworth Creek, Duck Creek, Geneva Creek, and Deer Creek.

INTRODUCTION

The Federal Highway Administration (FHWA) proposes to reconstruct and resurface the existing road over Guanella Pass between Georgetown and Grant, Colo. (fig. 1). The hydrology and water quality of streams and lakes in the area could be affected by the proposed reconstruction. In 1994, the U.S. Geological Survey (USGS) and the FHWA began a cooperative study to determine the hydrology and water quality in the Guanella Pass area, part of the environmental investigation being conducted by the FHWA.

Purpose and Scope

This report presents hydrologic, water-quality, sediment transport, and bulk atmospheric deposition data collected in the Guanella Pass area, primarily during water years 1996 through 1997 (October 1, 1995, through September 30, 1997), and the methods used for data collection. Some data from water year 1995 (October 1, 1994, to September 30, 1995) not included in Stevens and others (1997) also are presented.

Data were collected at 17 stream sites, 7 road-runoff sites, 10 ground-water sites, 3 lake sites, 1 reservoir site, 2 snow-precipitation sites, and 4 bulk atmospheric-deposition sites (table 1). Data include onsite measurements of streamflow, specific conduc-

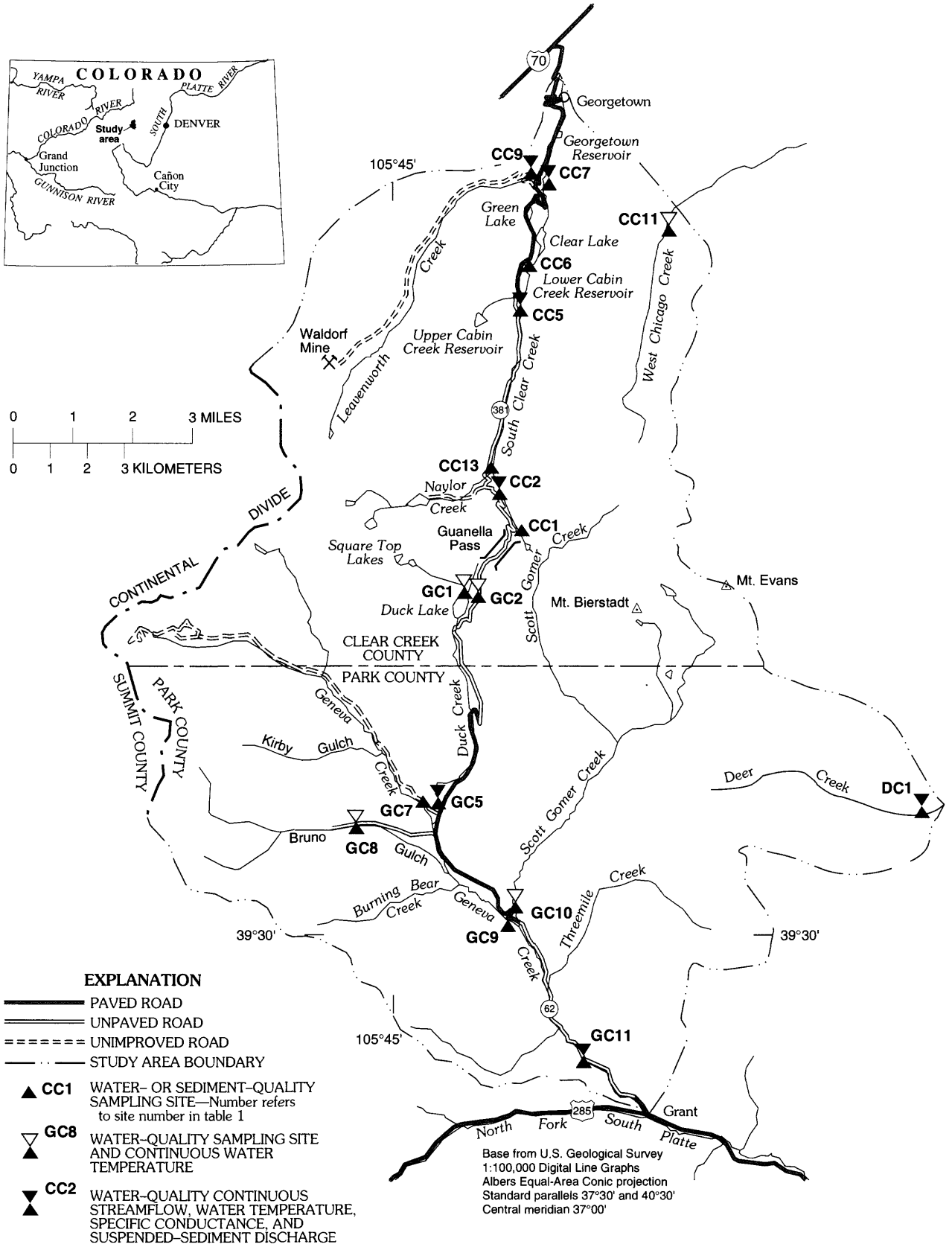

Figure 1. Location of Guanella Pass study area and stream data-collection sites.

Table 1. Data-collection sites

[Identification number is either an eight-digit USGS downstream order number or the latitude and longitude of the site with a two-digit sequence number at the end; see figures 1, 2, and 3 for site location; CC, Clear Creek; GC, Geneva Creek; DC, Deer Creek; CRD, Clear Creek road ditch; GRD, Geneva Creek road ditch; L, lake or reservoir; SN, snow; GW, ground water]

Site number	U.S. Geological Survey identification number	Site name
CC1	393606105422118	South Clear Creek near Guanella Pass, Colorado
CC2	393647105425317	South Clear Creek above Naylor Creek near Georgetown, Colorado
CC5	06714400	South Clear Creek above Lower Cabin Creek Reservoir near Georgetown, Colorado
CC6	393946105422203	South Clear Creek above Clear Lake, Colorado
CC7	06714600	South Clear Creek above Leavenworth Creek near Georgetown, Colorado
CC9	06714800	Leavenworth Creek at mouth near Georgetown, Colorado
CC11	394027105393900	West Chicago Creek near Idaho Springs, Colorado
CC13	393649105425301	South Clear Creek near Guanella Pass Campground near Georgetown, Colorado
GC1	393504105432312	Duck Creek above Duck Lake West Branch near Grant, Colorado
GC2	393458105431511	Duck Creek above Duck Lake East Branch near Grant, Colorado
GC5	06704500	Duck Creek near Grant, Colorado
GC7	393153105440109	Geneva Creek above Duck Creek near Grant, Colorado
GC8	393141105445808	Bruno Gulch above Geneva Park near Grant, Colorado
GC9	393018105421707	Geneva Creek above Scott Gomer Creek near Grant, Colorado
GC10	393028105421706	Scott Gomer Creek at mouth near Grant, Colorado
GC11	06705500	Geneva Creek at Grant, Colorado
DC1	393040105340400	Deer Creek near Bailey, Colorado
CRD7	393618105424200	Guanella Pass culvert #1 near Georgetown, Colorado (road runoff)
CRD8	394043105420200	Guanella Pass culvert #4 near Georgetown, Colorado (road runoff)
CRD9	394211105414300	Road ditch above Georgetown, Colorado (road runoff)
GRD4	393244105430800	Road ditch below Duck Lake near Grant, Colorado (road runoff)
GRD6	393508105430600	Guanella Pass culvert #2 near Grant, Colorado (road runoff)
GRD7	393243105430800	Campsite Road Runoff #1 near Grant, Colorado (road runoff)
GRD8	393444105444100	Road ditch near Grant, Colorado (road runoff)
G	393516105430701	Road site (bulk deposition) near Duck Lake near Grant, Colorado
L		Geneva Creek bulk deposition site L near Grant, Colorado
M		Geneva Creek bulk deposition site M near Grant, Colorado
N		Geneva Creek bulk deposition site N near Grant, Colorado
L1	393454105432900	Duck Lake near Grant, Colorado
L3	394011105425700	Clear Lake near Georgetown, Colorado
L5	393527105441900	Lower Square Top Lake near Grant, Colorado
L6	394128105415300	Georgetown Reservoir near Georgetown, Colorado
SN1	393434105432600	Duck Lake snow site near Grant, Colorado (snow chemistry)
SN2	393643105425200	Clear Creek snow site near Georgetown, Colorado (snow chemistry)
GW3	393644105430400	Guanella Pass Campground west well near Georgetown, Colorado
GW4	393638105425900	Guanella Pass Campground east well near Georgetown, Colorado
GW5	393620105423900	Guanella Pass spring #1 near Georgetown, Colorado
GW9	393610105423900	Guanella Pass spring #2 near Georgetown, Colorado
GW10	393616105423400	Guanella Pass spring #3 near Georgetown, Colorado
GW11	393342105424800	Guanella Pass spring #4 near Grant, Colorado
GW12	393335105431500	Guanella Pass spring #6 near Grant, Colorado
GW13	393627105421800	Guanella Pass spring #7 near Grant, Colorado
GW14	393036105340100	Deer Creek spring #1 near Bailey, Colorado
GW15	393145105435300	Duck Creek Picnic Ground well near Grant, Colorado

tance, pH, water temperature, turbidity, barometric pressure, and dissolved oxygen; concentrations of major ions, nutrients, and trace elements; organic carbon and trace organic compounds; suspended-sediment concentration and particle-size analyses; field measurement and depth profiles, and chlorophyll concentrations in lakes and reservoirs; trace element, nutrient, and trace organic analyses of lake and reservoir bottom sediment; and bulk atmospheric deposition rates of solids. Daily values for streamflow, maximum and minimum water temperature, specific conductance, and suspended sediment were computed for seven stream sites.

Acknowledgments

The assistance of others in the completion of this study was invaluable. The author is grateful to Historic Georgetown, Inc., Public Service Company of Colorado, William and Julia Holmes, Clear Creek and Park Counties, and the U.S. Department of Agriculture, Forest Service, for access to property.

DESCRIPTION OF STUDY AREA

The study area encompasses the basins of South Clear Creek and Geneva Creek and part of West Chicago Creek and Deer Creek (fig. 1), which are all tributary watersheds to the South Platte River. The West Chicago Creek and Deer Creek sites are adjacent to the South Clear Creek watershed and were added to provide additional reference (natural) sites. The tributary headwaters of Geneva, South Clear, and Leavenworth Creeks are located on the western side of the study area along the Continental Divide, and the tributary headwaters on the eastern side of the study area are located in the Mount Evans and Mount Bierstadt area. The Guanella Pass road parallels South Clear Creek from the northern terminus at Georgetown to the top of Guanella Pass at 11,669 ft. South of the pass, the road parallels Duck Creek to the confluence with Geneva Creek and then follows Geneva Creek to the southern terminus at Grant. The road has been designated a scenic byway and is called Forest Highway (FH) 80. The northern 13.1 mi, alternatively known as Clear Creek County Road 381, is in Clear Creek County. The southern 10.4 mi, alternatively known as Park County Road 62, is in Park County. The route is maintained year round by the respective counties. Salt is applied with traction materials (sand and gravel) to parts of the road in Clear Creek County during winter. Magnesium chloride has been applied to parts of the road in Clear Creek County to control dust (Jim Cannedy, Clear Creek County, oral commun., 1997). The Guanella Pass road is 23.5 mi long; 12.1 mi are dirt or gravel and 11.4 mi are an asphalt surface (Federal Highway Administration, 1993).

The area is sparsely populated. Most residences are at Duck Lake and along Duck, Geneva, and lower South Clear Creeks. The primary land use is recreational. Livestock grazing is a limited land use in the Geneva, Scott Gomer, and Duck Creek drainages. The Mount Evans Wilderness Area encompasses much of the eastern one-half of the study area and is closed to motor vehicles. The Vidler Tunnel diverts water from upper Peru Creek across the Continental Divide into the Leavenworth Creek Basin. An aqueduct diverts water from Leavenworth Creek on a seasonal basis for maintaining water levels in Green Lake. Some of the natural lakes (Green, Clear, and Duck) have been modified for limited water storage by the construction of small dams. The Public Service Company of Colorado operates three reservoirs (Georgetown Reservoir and Upper and Lower Cabin Creek Reservoirs) in the South Clear Creek Basin for hydroelectric power generation.

Vegetation includes conifer and aspen forest at lower elevations and alpine tundra above timberline, near 11,500 ft. Annual precipitation in the study area ranges from 12 to 16 inches near Georgetown and Grant and from 40 to 50 inches on Mount Evans and the Continental Divide (Colorado Climate Center, 1984). Annual streamflows are characterized by peak flows in June resulting from snowmelt and by low flows during winter. Thunderstorms of short duration occur during summer.

Precambrian granite, gneiss, and schist compose the bedrock in the study area. Felsic intrusive rocks of Tertiary age associated with pyritic alteration underlie the headwaters of Geneva and Leavenworth Creeks (Bassett and others, 1992). Glaciers deposited drift in the valleys of Duck, Geneva, and South Clear Creeks (Tweto, 1979) and created many of the natural lakes in the area.

Ore deposits containing the minerals galena, sphalerite, pyrite, chalcopyrite, and tetrahedrite-tennantite were mined near the headwaters of Geneva

and Leavenworth Creeks in areas known as the Geneva Creek and Argentine Districts, respectively (Davis and Streufert, 1990). Naturally occurring pyritic components of the intrusive rocks and mineral deposits or mine waste materials can oxidize and produce acidic ground water and surface water in the upper basins of Geneva Creek (Bassett and others, 1992), Bruno Gulch, and Leavenworth Creek (Tweto, 1979).

TYPES OF HYDROLOGIC AND WATER-QUALITY DATA

The hydrologic and water-quality data collected at each site (table 2) and presented in this report are the following:

1. Continuous streamflow: Daily mean discharge, in cubic feet per second.
2. Continuous specific conductance: Mean daily specific conductance, in microsiemens per centimeter at 25 degrees Celsius.
3. Continuous water temperature: Maximum and minimum daily water temperature, in degrees Celsius.
4. Daily suspended sediment: Concentration, in milligrams per liter; and sediment discharge, in tons per day (for selected stream and road-ditch sites).
5. Precipitation gage: Total daily rainfall, in inches.
6. Field properties: Instantaneous streamflow, in cubic feet per second (for stream and road-ditch sites); water temperature, in degrees Celsius; specific conductance, in microsiemens per centimeter at 25 degrees Celsius; pH, in standard units; barometric pressure, in millimeters of mercury; dissolved oxygen, in milligrams per liter; dissolved oxygen, percentage of saturation; and turbidity, in nephelometric turbidity units.
7. Major ions, dissolved concentrations: Calcium, magnesium, sodium, potassium, alkalinity (laboratory), hardness, sulfate, chloride, fluoride, silica, and dissolved-solids residue on evaporation (ROE) at 180°C, all reported in milligrams per liter.
8. Nutrient concentrations: Nitrogen, ammonia plus organic, total as N; phosphorus, total as P; nitrite dissolved as N; nitrite plus nitrate, dissolved as N; nitrogen, ammonia, dissolved as N; phosphorus, dissolved as P; and orthophosphate, dissolved as P; all reported in milligrams per liter.
9. Trace-element concentrations, dissolved and total recoverable: Cadmium, copper, iron, lead, manganese, and zinc, all reported in micrograms per liter.
10. Organic analyses (road runoff): Total organic carbon, reported in milligrams per liter.
11. Suspended sediment (instantaneous sample): Concentration, in milligrams per liter; particle-size analysis, in percent finer than indicated size; and data were used to compute suspended-sediment discharge, in tons per day.
12. Bottom sediment chemistry concentrations (selected lakes and streams): nitrogen, ammonia plus organic, total as N; nitrogen, ammonia, total as N; phosphorus, total as P; trace-element, carbon, and trace organic compounds (semi-volatile compounds, pesticides, and PCBs); and chemical oxygen demand.
13. Lake and reservoir field-property profiles and Secchi depths: Water temperature, in degrees Celsius; specific conductance, in microsiemens per centimeter at 25 degrees Celsius; pH, in standard units; and dissolved oxygen, in milligrams per liter; Secchi depth, in inches below surface.
14. Event-related water-quality samples: Streamflow, field properties, and chemical-quality samples collected during rain events (specific properties and analytes similar to those described in list above under 1, 6, 7, 8, 9, and 10.
15. Bulk atmospheric-deposition samples: Solids weight, in milligrams, and deposition rate, in milligrams per square foot per day.

METHODS OF DATA COLLECTION AND ANALYSIS

Details of data collection by task are described in the following sections. Data are compiled in tables 4 through 65 at the back of this report.

Streams

Continuous and periodic water-quality data were collected from 17 stream sites in the study area (table 1, fig. 1). Continuous data, such as streamflow and water temperature, were collected or computed at

Table 2. Types of hydrologic and water-quality data collected at each site, water years 1995–97

[See table 1 and figures 1-3 for site locations; CC, Clear Creek; GC, Geneva Creek; DC, Deer Creek; CRD, Clear Creek road ditch; GRD, Geneva Creek road ditch; L, lake or reservoir; SN, snow; GW, ground water]

Site number	Continuous streamflow	Continuous specific conductance	Continuous water temperature	Daily suspended sediment	Precipitation gage	Field properties	Major ions	Nutrients	Trace elements	Organic analysis	Suspended sediment	Sediment chemistry	Lake field-property profile and chlorophyll	Event-related water-quality samples	Bulk atmospheric deposition
CC1						X	X	X	X		X				
CC2	X	X	X	X	X	X	X	X	X		X			X	
CC5	X	X	X	X	X	X	X	X	X		X			X	
CC6												X			
CC7	X	X	X	X	X	X	X	X	X		X				
CC9	X	X	X	X	X	X	X	X	X		X			X	
CC11			X			X	X	X	X		X				
CC13						X	X	X	X		X				
GC1			X			X	X	X	X		X				
GC2			X			X	X	X	X		X				
GC5	X	X	X	X	X	X	X	X	X		X			X	
GC7						X	X	X	X		X				
GC8			X			X	X	X	X		X				
GC9												X			
GC10			X			X	X	X	X		X				
GC11	X	X	X	X	X	X	X	X	X		X			X	
DC1	X	X	X	X	X	X	X	X	X		X			X	
CRD7	X			X		X	X	X	X	X	X			X	
CRD8						X	X	X	X	X	X			X	
CRD9						X	X	X	X	X	X			X	
GRD4						X	X	X	X	X	X			X	
GRD6						X	X	X	X	X	X			X	
GRD7						X	X	X	X	X	X			X	
GRD8						X	X	X	X	X	X			X	
G															X
L															X
M															X
N															X
L1						X	X	X	X	X		X	X		
L3						X	X	X	X	X		X	X		
L5						X	X	X	X			X			
L6						X	X	X	X			X			
SN1						X	X	X	X						
SN2						X	X	X	X						
GW3						X	X	X	X						
GW4						X	X	X	X						
GW5						X	X	X	X						
GW9						X	X	X	X						
GW10						X	X	X	X						
GW11						X	X	X	X						
GW12						X	X	X	X						
GW13						X	X	X	X						
GW14						X	X	X	X						
GW15						X	X	X	X						

regular, closely spaced intervals. Periodic data, such as water-quality samples, were collected at longer scheduled intervals than streamflow data.

Continuous Data

Seven monitoring stations (CC2, CC5, CC7, CC9, GC5, GC11, and DC1) were operated during water years 1996–97 (listed in table 1 and shown in figure 1). Stream stage, water temperature, specific conductance, turbidity (only water year 1997 at CC5), and precipitation were recorded every 15 minutes at seven sites (tables 4–24 and 37–43). These continuous data were used to compute daily mean streamflow, maximum and minimum water temperature, mean daily specific conductance, and total daily precipitation at the monitoring stations. At selected sites that did not have streamflow-monitoring stations and continuous water-temperature data, which were needed for a biological study (CC11, GC1, GC2, GC8, and GC10), maximum and minimum water-temperature data were collected using small, instream recording devices and thermistors (tables 25–29). Continuous turbidity data were of variable quality and are not presented in this report. Suspended-sediment samples were collected using an autosampler one to three times per day, and extra samples were collected during rainstorms at sites (CC2, CC5, CC7, CC9, GC5, GC11, DC1) where daily suspended-sediment discharge was computed (tables 30–36).

Continuous data from the monitoring stations (CC2, CC5, CC7, CC9, GC5, GC11, and DC1) were supported by monthly site visits during the open-water season (generally from April to October) and bimonthly visits when ice cover was present. Measurements of streamflow were made using a currentmeter by procedures given in Buchanan and Somers (1969). The calibration of water temperature and specific conductance for the water-quality monitors were checked using an ASTM thermometer, field meters, and standard solutions and were adjusted if needed according to procedures given in R.W. Boulger (U.S. Geological Survey, unpub. report, 1989). Data from these visits were used to analyze and compute the continuous data from the monitoring stations according to procedures given in Rantz and others (1982); Kennedy (1983); R.W. Boulger (U.S. Geological Survey, unpub. report, 1989).

Suspended-sediment samples were collected by the equal-width-increment (EWI) or equal-discharge-increment (EDI) methods with a DH–48 hand sampler or DH–59 cable sampler (Guy and Norman, 1970) and by the use of an automatic pumping sampler with a fixed intake point (Edwards and Glysson, 1988) at sites CC2, CC5, CC9, CC7, GC5, GC11, and DC1, for analyses of concentration and percentage finer than 0.062 mm. Multiple daily samples collected with the manual and fixed-intake-point pumping sampler were used to compute daily sediment loads or for concurrent sediment analyses with water-quality samples. Suspended-sediment samples also were collected with manual and pumping samplers during rain events. Samplers were triggered by rain-intensity measurements at the gage. Sediment samples collected instream were used to calculate a rating coefficient for the automatic pumping sampler. Daily suspended-sediment concentrations and loads were computed using the SEDCALC computer program (Koltun and others, 1994) and by methods described in Porterfield (1972).

Water-Quality Sampling

Water-quality samples including onsite measurements, major ions, nutrients, and trace elements were collected weekly to biweekly during snowmelt (generally from mid-May through early July) and biweekly to monthly during open-water low flow at five sites (CC2, CC5, GC5, GC11, and DC1). Additional samples at biological sampling sites (CC1, CC9, CC11, GC1, GC2, GC7, GC8, and GC10) not included in the more intensive monitoring were collected once or twice per year. Rain-event samples were collected when possible in summer by pumping sampler or manual methods. Field measurements of specific conductance, water temperature, dissolved oxygen, and barometric pressure were made at streamside (M.A. Sylvester and others, U.S. Geological Survey, unpub. methods guidelines, 1990). Turbidity and pH were measured from samples composited in a USGS churn splitter. Samples for inorganic analysis (major ions, nutrients, and trace elements) were collected by EWI methods using a DH–81 polyethylene sampler and bottle, and composited in a USGS churn splitter where separate aliquots were withdrawn for each analytical bottle required (Ward and Harr, 1990).

Rain-event samples for inorganic analysis were collected by DH–81 and fixed-intake-point pumping samplers (same as described for sediment samples) in

polyethylene bottles washed with a phosphorus-free soap and then rinsed in sequence with a 5-percent hydrochloric acid solution, deionized water, and stream water at the site.

The sample collection and processing equipment were cleaned to trace-element standards according to procedures in Horowitz and others (1994). Samples for dissolved constituents were filtered through a disposable 0.45-µm capsule filter in an enclosed filter chamber using a peristaltic pump. Samples for trace-element analysis were preserved with trace-element-grade nitric acid. Nutrient samples were chilled to approximately 4°C. Samples collected by automatic pumping samplers for chemical analysis were chilled less than 12 hours after sample collection and then processed in the field or in the laboratory.

Samples for organic analysis were collected in a baked glass bottle by dip methods at the centroid of flow. The total organic carbon samples were not filtered. Dissolved organic carbon samples were filtered through a 0.45-µm silver filter. Carbon samples were chilled to approximately 4°C until analyzed.

A Wolman pebble count was conducted at CC2, CC5, CC7, CC9, CC11, GC1, GC2, GC5, GC8, GC10, GC11, and DC1 to characterize the substrate particle-size distribution. Investigators measured 100 substrate particles while walking in a zig-zag pattern, from bank to bank. Three dimensions of each particle were measured and averaged (Wolman, 1954). If the particle was less than 4 mm in diameter (fine substrate), a 40-cm^3 sample of the substrate material was collected. All the fine-substrate samples for the reach were composited and sent to the laboratory for analysis of particle-size distribution. The results of the coarse- and fine-substrate distributions were normalized into a single particle-size distribution.

Road Runoff

Continuous Data

Data were collected and computed as continuous water discharge and suspended-sediment load at site CRD7, a cross-drain culvert on the Guanella Pass road (table 1, fig. 2), from May through September for water years 1996 and 1997. Water-discharge data and sediment data also were collected at sites GRD6 and GRD4 (from May through September for water years 1996 and 1997) and CRD8 from July through September for water year 1997); but due to data collection problems, the data are incomplete and are presented as instantaneous water-discharge data.

Water-discharge data were collected with an electronic water-stage recorder at 5-minute intervals. A 4-inch plastic pipe was used as a well and a 3-inch float suspended vertically inside was the mechanism for driving the water-stage recorder. The control for all stages was a 120° or 22.5° v-notch weir mounted on one end of a 4-ft by 4-ft by 2-ft water-proof wood box at the end of a culvert draining the road. Standard ratings for the weirs were used directly in the absence of measurements, or a coefficient was applied according to volumetric measurement calibration data. Data from visits and the water-stage record were used to analyze and compute the continuous water-discharge data from the monitoring stations according to standard procedures (Rantz and others, 1982; Kennedy, 1983).

Daily suspended-sediment load was computed at site CRD7 by methods described in Porterfield (1972) and Koltun and others (1994). Total sediment load was not measured by sampling at the weir because sampling the shallow, sediment-laden flows in a ditch or culvert was difficult. A two-component method was used to compute sediment loads discharged from the culvert at site CRD7. Multiple daily samples were collected with an automated fixed-intake-point pumping sampler near the weir. The pumping sampler collected samples on a fixed schedule during snowmelt (May–June) and was triggered by a float-operated stage trigger during the rainstorm season (June–September). Samples collected at the weir were not adjusted for cross-section coefficient. Daily suspended-sediment concentrations and daily and annual loads were computed by methods described in Porterfield (1972) and Koltun and others (1994). The component of coarse sediment settled in the box behind the weir was periodically cleaned out and measured by volume. The bulk density was computed from samples of the coarse sediment, which allowed the load of captured sediment to be estimated. Selected bottom-material samples were submitted to the laboratory for particle-size analysis.

Water-Quality Sampling

Road runoff in shoulder ditches and cross drains was sampled from paved sections (CRD8, CRD9,

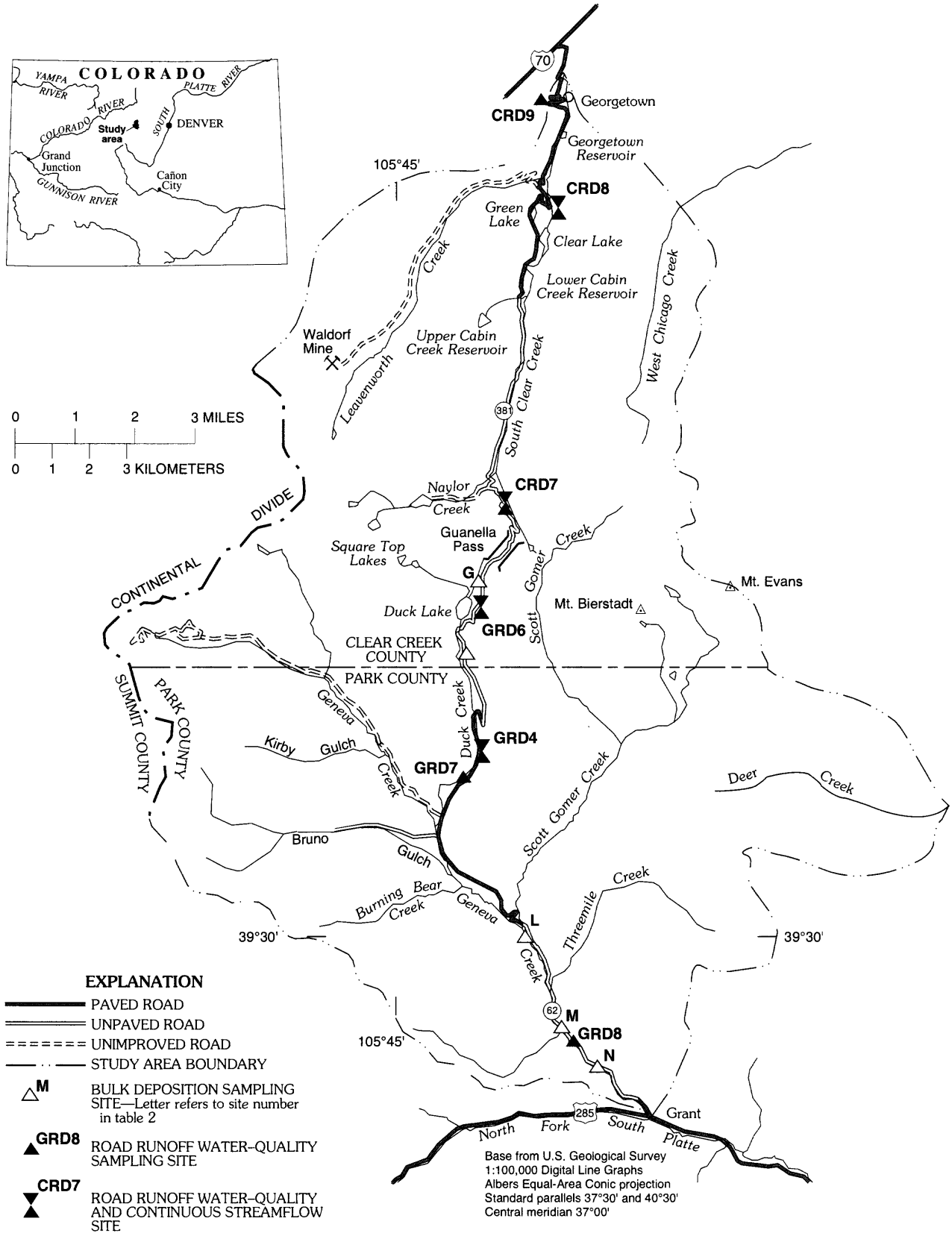

Figure 2. Location of road-runoff and bulk atmospheric deposition sampling sites.

GRD4, and GRD7) and unpaved sections (CRD7, GRD6, and GRD8) of the Guanella Pass road. The sites sampled are listed in table 1 and shown in figure 2. Instantaneous water discharge (flow rate) was measured at sites CRD9, GRD7, and GRD8 using a volumetric method (Rantz and others, 1982), and water discharges at CRD7, CRD8, GRD6 and GRD4 were from continuous water-discharge records or were measured by a volumetric method. Water discharges using the volumetric method were calculated by dividing the volume of water collected in a container by the time required to collect the water. Multiple measurements were made, averaged, and converted to cubic feet per second.

Field measurements of specific conductance, water temperature, dissolved oxygen, and barometric pressure were made onsite in the ditch or drain (M.A. Sylvester and others, U.S. Geological Survey, unpub. method guideline, 1990). Turbidity and pH measurements were taken from a churn splitter in which water samples were composited or from samples collected in the automated-pump sample bottles. Samples for inorganic analysis (major ions, nutrients, trace elements) were collected by the dip method at the end of culverts, or in the centroid of flow in the ditch or at the weir, or by pumping sampler, and were processed and preserved as described in the "Streams" section of this report. Samples for total and dissolved organic carbon analyses were collected by the dip method and were processed and preserved as described in the "Streams" section of this report. Nutrient and trace-element analyses were done on selected bulk sediment samples collected behind the weirs at the continuous road-runoff monitoring sites (CRD7 and GRD6). Because flows were too shallow for EWI methods, suspended-sediment samples were collected by the dip method or with the pumping sampler and were submitted for laboratory analysis (Guy, 1969). Some daily-mean and event-mean concentration water-quality and suspended-sediment samples were prepared manually by splitting pumped samples in a Teflon cone splitter according to aliquots determined by flow weighting procedures (Martin, 1995).

Ground-Water Sampling

Ground-water samples were collected from seven springs and three wells, which were located in Forest Service campgrounds or picnic areas in the study area. Sampling sites are listed in table 1 and shown in figure 3. General information for selected wells is listed in table 3. Water from the wells was collected using the onsite hand pumps. The water was monitored for temperature and specific conductance during pumping, and when the water temperature and specific conductance stabilized, usually after 10 or 15 minutes of pumping, samples were collected at the outlet of the pump mechanism. Samples for major ions, nutrients, and trace elements were pumped directly into a USGS churn splitter at the hand-pump sites or dipped from springs with a polyethylene bottle and transferred to the churn.

Measurements of specific conductance and water temperature were made onsite from the outlet of the pump or the outflow from the spring. Turbidity and pH were measured from samples taken from the churn splitter. Samples for analyses of major ion, nutrient, and trace element water-quality constituents were processed and preserved as described in the "Streams" section of this report.

Lake and Reservoir Sampling

Three lakes and one reservoir were sampled. Water-column samples, field-property profiles, and bottom-sediment samples were collected at Duck and Clear Lakes (sites L1 and L3). Bottom-sediment chemical samples were collected at Georgetown Reservoir and Lower Square Top Lake (sites L6 and L5). Sampling sites are listed in table 1 and shown in figure 3. The water-quality samples were collected in the location over the deepest part of the water body, which was determined by using a depth finder in a boat. A multiparameter water-quality instrument measured water temperature, specific conductance, pH, and dissolved oxygen for the field-property profiles. The transparency of the water was determined with a Secchi disk.

Samples for major ion, nutrient, and trace-element analyses were collected in the photic zone (estimated as two times the Secchi depth) and just above the bottom by using a Van Dorn point sampler, a horizontal PVC cylinder with end seals that are triggered by a surface messenger, lowered on a cable. Equal aliquots from the photic zone were composited from samples at 3-ft intervals. Field measurements of water temperature, specific conductance, pH, and

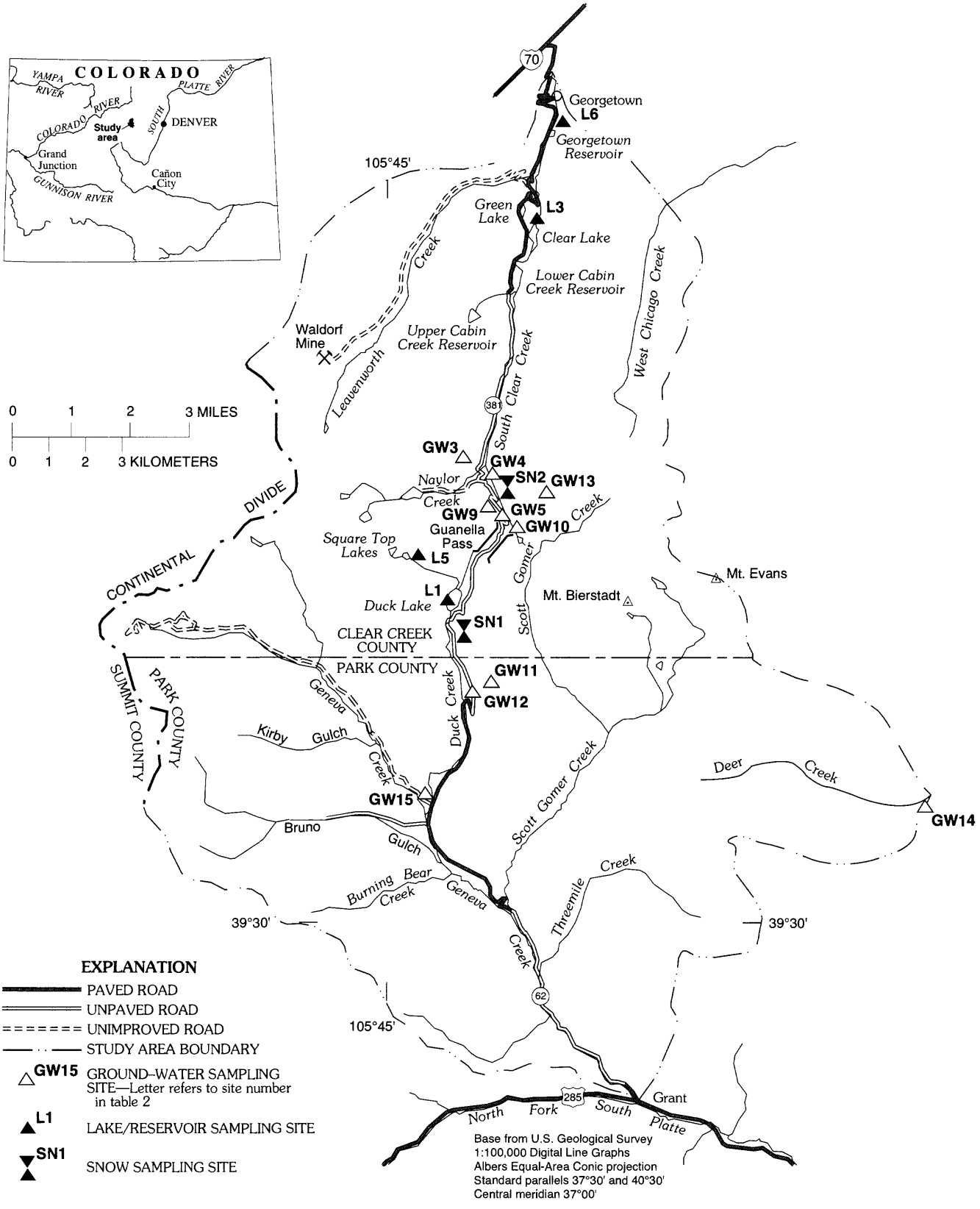

Figure 3. Location of lake/reservoir, snow, and ground-water sampling sites.

Table 3. Guanella Pass campground well characteristics

[Well depth, water level, and screened interval are referenced to depth below surface in feet; ---, information unavailable]

Site	Well depth	Static water level when drilled	Screened interval	Thickness of unconsolidated surficial material	Lithology of screened interval
[1] GW2	---	---	---	---	---
GW3	265	4	100–140	30	granitic
GW4	160	40	140–160	16	granitic
[1] GW7	76	47	42–76	38	granitic
[1] GW8	30	22	15–30	18	undifferentiated rock and surficial material
GW15	---	---	---	---	---

[1] Locations and water-quality samples reported in Stevens and others (1997).

dissolved oxygen were determined from measurements taken in the lake or reservoir, or from composited water samples (photic zone). Sample water for inorganic analyses was transferred to clean, acid-rinsed, deionized-water rinsed, and native-water rinsed polyethylene containers. Samples were transferred to a clean, acid-rinsed, deionized-water rinsed, and native-water rinsed USGS churn splitter and then processed and preserved as described in the "Streams" section of this report. Chlorophyll-*a* samples were collected from the photic-zone composite and processed according to methods described in Britton and Greeson (1987).

Grab samples of bottom sediment, analyzed for nutrients and trace elements, were obtained at the location of the water samples for sites L1 and L3 and at the near shore for sites L5 and L6. A polyurethane-coated-stainless-steel, center-pivot-jaw dredge sampler (petite ponar) was lowered to the bottom from a boat. At sites L5 and L6, a plastic bucket was used for sampling at a location reached by wading out from the shore. The sample was removed from the center of the dredged material, sieved (nylon mesh) using native water to less than a particle size of 0.062 mm, and placed in plastic or glass containers (depending upon analysis requested). Samples were chilled to approximately 4°C for transport to the laboratory for analysis.

Snow Sampling

Snowpack was sampled once at sites SN1 and SN2 in late March 1997 and 1998. Sampling sites are listed in table 1 and shown in figure 3. The sites were at least 300 ft away from any roadway. Sampling locations were chosen in small, sheltered clearings that were not prone to drifting. Metallic shovels were used to dig a pit in the snow down to the ground surface with the sampling face away from direct sunlight. The final sampling face was exposed by a polyethylene scoop that was cleaned to trace-element standards with acid and deionized-water rinses. Snow was removed in a uniform vertical channel, excluding the 5 cm of snow above the soil/snowpack interface.

The snow was placed in USGS churn splitters and Teflon bags, cleaned to trace-element standards with acid and deionized-water rinses, and allowed to melt at room temperature. Immediately after the snow was melted, the meltwater was carefully combined into a single churn (when more than one churn was used for melting the sample) for filling sample bottles. Specific conductance and pH were measured using samples of the meltwater from the churn. Samples for selected major ions, nutrients, and trace element analyses were processed and preserved as described in the stream-water quality section of this report.

Bulk Atmospheric-Deposition Sampling

Bulk atmospheric-deposition (dust) samples were collected at site G during water year 1996 and sites L, M, and N during water year 1997. In water year 1996, site G (along an unpaved section of road) was monitored by collectors placed at several distances on the west and east sides of the Guanella Pass road for 56 days. In 1997, bulk atmospheric deposition was measured along the lowermost gravel/dirt section of the Guanella Pass road at sites L, M, and N for 61 days. Sampling sites are listed in table 1 and shown in figure 2.

White polyethylene buckets (5-gal capacity) were used as collection devices and were placed at varying distances from the edge of the road. Collector distances from the road varied from site to site and are detailed in the "Hydrologic and Water-Quality Data" section (table 61 at back of report). The collectors were anchored at ground level with plastic ties to

painted reinforcing bars pounded into the ground. A clear, plexiglas, vertical baffle was placed in each collector to prevent wind from expelling collected contents. The collectors were washed and kept covered by lids until the beginning of each collection period. At the end of each collection period, the collectors were tightly covered in the field and transported to the laboratory for processing and analysis.

The collectors accumulated material deposited from the air above the collectors. This material might include atmospheric particles, side-cast or windblown particles, loose particles bouncing downslope, particles from raindrop-impact splash, throughfall from vegetation, vegetation debris, insects, and precipitation. These data include only deposited material and might not relate to visible or fugitive dust.

To measure the quantity of accumulated material, the dust collectors were washed with any accumulated precipitation and, if necessary, deionized water. The volume of wash water was measured after being drained from the collector through a 2-mm sieve to remove large debris. The wash water was put into 1–L polyethylene containers. If necessary for shipping convenience, the wash water was split with a Teflon cone splitter into smaller volumes. These samples were analyzed for sediment concentration and particle size. The bulk deposition was calculated by multiplying the sediment concentration by the total volume of wash water.

LABORATORY ANALYSIS

All samples collected for major ion, nutrient, and trace-element analysis were analyzed at the USGS National Water Quality Laboratory in Arvada, Colo., using standard analytical techniques described in Fishman and Friedman (1989), Fishman (1993), and Fishman and others (1994). Samples collected for concentrations of organic constituents were analyzed at the same laboratory using standard analytical techniques described in Wershaw and others (1987) and Fishman (1993). Suspended-sediment and bed-material samples were analyzed at the USGS Iowa Sediment Laboratory in Iowa City, Iowa.

QUALITY ASSURANCE

Sampling equipment and water-quality meters are checked regularly and calibrated in the field or office. Deionized water used in cleaning and sample processing is monitored for purity according to procedures in Horowitz and others (1994).

Laboratory and field cleaning procedures are rigorous and designed to prevent contamination of samples. Prior to sample collection, all sampling equipment and materials were cleaned according to standard procedures described in Horowitz and others (1994). The procedures involve a soak and wash in nonphosphorus detergent, soak and rinse in tapwater, followed by a soak and rinse in a 5-percent hydrochloric acid solution, and a final soak and rinse in deionized water.

Field blanks and replicates were processed each water year (tables 64 and 65). Field blanks are processed onsite with the equipment used for sampling using inorganic blank water. Specific types of blank water were used for inorganic and organic blank samples. The field blanks are used to assess bias from contamination during collection, processing, or laboratory analysis. The water collected was analyzed for the same constituents analyzed for during the study.

When questionable results for a particular analyte were received from the laboratory, a repeat analysis of the same sample was requested. If the second analysis was more consistent with known characteristics of the site or the particular sample, the new result was used instead of the previous result. There are several samples in which the dissolved concentration of a trace element was reported to be higher than the total recoverable concentration. These inconsistencies are within the precision of the methods used and are due, in part, to the differences between the analytical technique used for dissolved (inductively coupled plasma mass spectrometer, atomic absorption, or graphite furnace atomic absorption) and total recoverable trace elements (atomic absorption or graphite furnace atomic absorption), and the differences between particular aliquots of sample. The analytical quality-assurance practices and procedures of the National Water Quality Laboratory are described in Friedman and Erdmann (1982).

REFERENCES CITED

Bassett, R.L., Miller, W.R., McHugh, J.B., and Catts, J.G., 1992, Simulation of natural acid sulfate weathering in an alpine watershed: Water Resources Research, v. 28, no. 9, p. 2197–2209.

Britton, L.J., and Greeson, P.E., eds., 1987, Methods for collection and analysis of aquatic biological and microbiological samples: U.S. Geological Survey Techniques of Water-Resources Investigations, book 5, chap. A4, 363 p.

Buchanan, T.J., and Somers, W.P., 1969, Discharge measurements at gaging stations: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. A8, 65 p.

Colorado Climate Center, 1984, Colorado average annual precipitation map 1951–1980: Fort Collins, Colo., Colorado Climate Center, scale 1:500,000.

Davis, M.W., and Streufert, R.K., 1990, Gold occurrences of Colorado: Colorado Geological Survey Resource Series 28, 101 p.

Edwards, T.K., and Glysson, G.D., 1988, Field methods for measurement of fluvial sediment: U.S. Geological Survey Open-File Report 86–531, 117 p.

Federal Highway Administration, 1993, Reconnaissance and scoping report, Colorado Forest Highway 80, Guanella Pass road, Pike and Arapahoe National Forests, Park and Clear Creek Counties: Federal Highway Administration, Central Federal Lands Highway Division, Denver, Colo., 88 p.

Fishman, M.J., 1993, Methods of analysis by the U.S. Geological Survey National Water Quality Laboratory—Determination of inorganic and organic constituents in water and fluvial sediments: U.S. Geological Survey Open-File Report 93–125, 217 p.

Fishman, M.J., and Friedman, L.C., eds., 1989, Methods for determination of inorganic substances in water and fluvial sediments (3d ed.): U.S. Geological Survey Techniques of Water-Resources Investigations, book 5, chap. A1, 545 p.

Fishman, M.J., Raese, J.W., Gerlitz, C.N., and Husband, R.A., 1994, U.S. Geological Survey approved inorganic and organic methods for the analysis of water and fluvial sediment, 1954–94: U.S. Geological Survey Open-File Report 94–351, 55 p.

Friedman, L.C., and Erdmann, D.E., 1982, Quality-assurance practices for the chemical and biological analyses of water and fluvial sediments: U.S. Geological Survey Techniques of Water-Resources Investigations, book 5, chap. A6, 181 p.

Guy, H.P., 1969, Laboratory theory and methods for sediment analysis: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. C1, 58 p.

Guy, H.P., and Norman, V.W., 1970, Field methods for measurement of fluvial sediment: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. C2, 59 p.

Horowitz, A.J., Demas, C.R., Fitzgerald, K.K., Miller, T.L., and Rickert, D.A., 1994, U.S. Geological Survey protocol for the collection and processing of surface-water samples for the subsequent determination of inorganic constituents in filtered water: U.S. Geological Survey Open-File Report 94–539, 57 p.

Kennedy, E.J., 1983, Computation of continuous records of streamflow: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. A13, 53 p.

Koltun, G.F., Gray, J.R., and McElhone, T.J., 1994, User's manual for SEDCALC, a computer program for computation of suspended-sediment discharge: U.S. Geological Survey Open-File Report 94–459, 46 p.

Martin, J.D., 1995, Effects of combined-sewer overflows and urban runoff on the water quality of Fall Creek, Indianapolis, Indiana: U.S. Geological Survey Water-Resources Investigations Report 94–4066, 92 p.

Porterfield, G., 1972, Computation of fluvial-sediment discharge: U.S. Geological Survey Techniques of Water-Resources Investigations, book 3, chap. C3, 66 p.

Rantz, S.E., and others, 1982, Measurement and computation of streamflow—Volume 1, Measurement of stage and discharge; Volume 2, Computation of discharge: U.S. Geological Survey Water-Supply Paper 2175, 631 p.

Stevens, M.R., Johncox, D.A., and Cox, J.R., 1997, Hydrologic and water-quality data, Guanella Pass area, Colorado, water year, 1995 U.S. Geological Survey Open-File Report 97–204, 87 p.

Tweto, Ogden, comp., 1979, Geologic map of Colorado: U.S. Geological Survey State Geologic Map, scale 1:500,000.

Ward, J.R., and Harr, C.A., eds., 1990, Methods for collection and processing of surface-water and bed-material samples for physical and chemical analyses: U.S. Geological Survey Open-File Report 90–140, 71 p.

Wershaw, R.L., Fishman, M.J., Grabbe, R.R., and Lowe, L.E., eds., 1987, Methods for determination of organic substances in water and fluvial sediments: U.S. Geological Survey Techniques of Water-Resources Investigations, book 5, chap. A3, 80 p.

Wolman, M.G., 1954, A method for sampling coarse river-bed material: Transactions of the American Geophysical Union, v. 35, no. 6, p. 951–956.

HYDROLOGIC AND WATER-QUALITY DATA

APPENDIX TABLES

TERMS AND ABBREVIATIONS

The following terms and abbreviations are used in tables 4-65

lat	latitude
long	longitude
sec.	section
S.	south
W.	west
T.	township
R.	range
mi	mile
mi^2	square mile
ft	feet

Oct	October
Nov	November
Dec	December
Jan	January
Feb	February
Mar	March
Apr	April
Jun	June
Jul	July
Aug	August
Sep	September
MAX	the maximum daily mean discharge for a given month
MIN	the minimum daily mean discharge for a given month
AC-FT	acre-foot
YYYY.MM.DD	Date: year, month, day
HHMM	24-hour time
mm/dd/yy	numerical date format for two-digit month/two-digit day/ and the last two digits of the year
---	a symbol used in place of daily mean discharge for periods of missing record or periods prior to gaging-station activation
C	Celsius
Deg.	degree
cm	centimeters

°	degree
mm	millimeters
in.	inch
24 hr	the time of day in 24-hour format
cfs	cubic feet per second
ft^3/s	cubic feet per second
µS/cm	microsiemens per centimeter at 25°C
pH units	are the negative base-10 log of the hydrogen-ion activity in moles per liter
NTU	nephelometric turbidity units
mm Hg	millimeters of mercury
mg/L	milligrams per liter
µg/L	micrograms per liter
dissolved	refers to that fraction of material in a water sample that passes through a 0.45-µm membrane filter
total	refers to total recoverable; the amount of a constituent that is in solution after a water and suspended-sediment sample has been digested by a method that results in the dissolution of only readily soluble substances
---	no data
>	greater than
<	less than
NS	no sample
gm/kg	grams per kilogram
mg/kg	milligrams per kilogram

µg/kg	micrograms per kilogram
µg/g	micrograms per gram
Mg	megagram
mg	milligram
µg	microgram
%	percent
µm	micrometer
cm^2	square centimeter
ft^2	square foot
T	ton (short), 2,000 pounds
d	day
D	dip sampling method
P	automatic pumping sampler method

Table 4. Daily mean water discharge for site CC2

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

LOCATION.--Lat 39°36'47", long 105°42'53",T.5 S., R.74 W. (unsurveyed), Clear Creek County, Hydrologic Unit 10190004, on left bank 200 ft upstream from Naylor Creek, and 9.5 mi south of Georgetown.

DRAINAGE AREA.-- 2.19 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May to September 1996.

GAGE.--Water-stage recorder. Elevation of gage is 10,710 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. No known regulation or diversions.

EXTREMES FOR CURRENT PERIOD.--Maximum daily discharge during period May to September, 19 ft^3/s, May 19, 1996, during period of estimated record. Maximum recorded discharge, 16 ft^3/s, June 15, at 1800, gage height 7.70 ft; minimum daily, 0.44 ft^3/s, Sept. 4 and 5.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	e1.4	6.5	3.3	1.0	.46
2	---	---	---	---	---	---	---	e1.6	6.9	3.1	.96	.45
3	---	---	---	---	---	---	---	e1.9	7.7	3.1	1.0	.45
4	---	---	---	---	---	---	---	e2.3	7.0	3.7	.97	.44
5	---	---	---	---	---	---	---	e3.0	8.0	3.6	.89	.44
6	---	---	---	---	---	---	---	e4.0	7.9	3.1	.83	.69
7	---	---	---	---	---	---	---	e4.2	6.9	2.9	.86	.57
8	---	---	---	---	---	---	---	e5.0	6.5	2.8	.87	.51
9	---	---	---	---	---	---	---	e4.6	6.1	2.8	.80	.49
10	---	---	---	---	---	---	---	e5.0	5.8	3.0	.75	.49
11	---	---	---	---	---	---	---	e5.8	5.5	2.6	.72	.48
12	---	---	---	---	---	---	---	e6.6	5.3	2.5	.68	.55
13	---	---	---	---	---	---	---	e7.4	5.2	2.4	.64	.61
14	---	---	---	---	---	---	---	e8.6	4.9	2.2	.66	.56
15	---	---	---	---	---	---	---	e9.8	7.5	2.1	.63	.70
16	---	---	---	---	---	---	---	e11	6.0	2.1	.62	.60
17	---	---	---	---	---	---	---	e12	5.2	1.9	.58	.57
18	---	---	---	---	---	---	---	e13	4.7	2.2	.53	.63
19	---	---	---	---	---	---	---	e19	4.5	2.2	.51	.77
20	---	---	---	---	---	---	---	e17	4.3	2.0	.51	.72
21	---	---	---	---	---	---	---	e16	4.4	1.8	.65	.75
22	---	---	---	---	---	---	---	e18	5.4	1.6	.63	.75
23	---	---	---	---	---	---	---	e17	4.4	1.5	.70	.78
24	---	---	---	---	---	---	---	e13	4.1	1.4	.61	1.1
25	---	---	---	---	---	---	---	e14	3.8	1.4	.54	.97
26	---	---	---	---	---	---	---	e11	3.8	1.4	.52	1.1
27	---	---	---	---	---	---	---	e10	4.0	1.3	.56	1.1
28	---	---	---	---	---	---	---	e9.8	3.9	1.3	.57	1.1
29	---	---	---	---	---	---	---	e9.4	3.8	1.6	.54	1.3
30	---	---	---	---	---	---	---	e10	3.5	1.4	.50	1.1
31	---	---	---	---	---	---	---	e8.8	---	1.2	.48	---
TOTAL	---	---	---	---	---	---	---	280.2	163.5	69.5	21.31	21.23
MEAN	---	---	---	---	---	---	---	9.04	5.45	2.24	.69	.71
MAX	---	---	---	---	---	---	---	19	8.0	3.7	1.0	1.3
MIN	---	---	---	---	---	---	---	1.4	3.5	1.2	.48	.44
AC-FT	---	---	---	---	---	---	---	556	324	138	42	42

e-Estimated.

Table 4. Daily mean water discharge for site CC2--Continued

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

LOCATION.--Lat 39°36'47", long 105°42'53",T.5 S., R.74 W. (unsurveyed), Clear Creek County, Hydrologic Unit 10190004, on left bank 200 ft upstream from Naylor Creek, and 9.5 mi south of Georgetown.

DRAINAGE AREA.--2.19 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--May 1996 to September 1997 (discontinued).

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 10,710 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. No known regulation or diversions.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.93	e.54	e.45	e.40	e.35	e.32	e.42	e1.0	17	3.0	2.1	1.3
2	.85	e.54	e.45	e.40	e.34	e.32	e.45	e1.0	15	2.9	2.0	1.3
3	.82	e.54	e.45	e.40	e.34	e.31	e.48	e1.0	13	2.8	1.7	1.5
4	.78	e.54	e.45	e.40	e.33	e.32	e.51	e1.0	13	2.8	2.0	1.6
5	.75	e.54	e.45	e.40	e.32	e.32	e.54	e1.4	11	2.7	2.0	1.1
6	.72	e.54	e.45	e.40	e.32	e.32	e.54	e2.0	12	2.6	2.6	1.1
7	.70	e.54	e.45	e.40	e.32	e.32	e.54	e2.7	18	2.6	2.8	1.0
8	.66	e.54	e.45	e.40	e.32	e.32	e.54	4.1	13	2.6	2.3	.97
9	.65	e.54	e.45	e.40	e.32	e.32	e.54	5.0	11	2.5	2.0	.95
10	.63	e.54	e.45	e.40	e.32	e.32	e.54	e5.7	10	2.4	4.0	.94
11	.62	e.54	e.45	e.40	e.32	e.32	e.54	e6.6	9.6	2.4	2.7	.96
12	.61	e.54	e.45	e.40	e.32	e.32	e.54	e7.8	8.3	2.3	2.4	.88
13	.61	e.54	e.45	e.39	e.32	e.32	e.54	8.9	9.9	2.0	2.1	.81
14	.61	e.54	e.45	e.38	e.32	e.32	e.54	11	9.6	1.9	1.7	.79
15	.60	e.54	e.45	e.37	e.32	e.32	e.54	13	7.8	1.7	1.4	.79
16	e.62	e.54	e.43	e.37	e.32	e.32	e.54	16	7.2	1.7	1.2	.83
17	e.61	e.54	e.42	e.37	e.32	e.33	e.54	19	7.0	1.7	1.2	.77
18	e.60	e.54	e.41	e.38	e.32	e.34	e.54	19	6.6	1.9	1.3	.77
19	e.60	e.52	e.40	e.39	e.32	e.35	e.57	18	6.4	2.0	1.2	.80
20	e.60	e.51	e.40	e.40	e.32	e.37	e.60	14	5.8	2.0	1.1	1.4
21	e.60	e.50	e.40	e.40	e.32	e.38	e.63	13	5.3	1.6	1.2	1.4
22	e.58	e.49	e.40	e.40	e.32	e.39	e.58	14	5.3	1.5	1.1	1.6
23	e.57	e.48	e.40	e.40	e.32	e.40	e.56	15	5.4	1.5	1.1	1.3
24	e.56	e.47	e.40	e.40	e.32	e.40	e.56	13	5.0	1.3	1.2	1.1
25	e.56	e.46	e.40	e.40	e.32	e.40	e.80	12	4.1	1.3	1.3	.99
26	e.55	e.45	e.40	e.40	e.32	e.40	e1.0	10	3.8	1.4	1.3	1.0
27	e.54	e.45	e.40	e.40	e.32	e.40	e1.2	9.8	3.6	1.8	1.3	.97
28	e.54	e.45	e.40	e.40	e.32	e.40	e1.0	11	3.4	2.2	1.2	.88
29	e.54	e.45	e.40	e.40	---	e.40	e1.0	13	3.3	2.1	1.1	.82
30	e.54	e.45	e.40	e.40	---	e.40	e1.0	17	3.1	2.7	1.1	.81
31	e.54	---	e.40	e.41	---	e.41	---	18	---	2.1	1.2	---
TOTAL	19.69	15.40	13.21	12.26	9.04	10.88	18.92	304.0	253.5	66.0	52.9	31.43
MEAN	.64	.51	.43	.40	.32	.35	.63	9.81	8.45	2.13	1.71	1.05
MAX	.93	.54	.45	.41	.35	.41	1.2	19	18	3.0	4.0	1.6
MIN	.54	.45	.40	.37	.32	.31	.42	1.0	3.1	1.3	1.1	.77
AC-FT	39	31	26	24	18	22	38	603	503	131	105	62

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1997, BY WATER YEAR (WY)

MEAN	.64	.51	.43	.40	.32	.35	.63	9.42	6.95	2.19	1.20	.88
MAX	.64	.51	.43	.40	.32	.35	.63	9.81	8.45	2.24	1.71	1.05
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1996	1997	1997
MIN	.64	.51	.43	.40	.32	.35	.63	9.04	5.45	2.13	.69	.71
(WY)	1997	1997	1997	1997	1997	1997	1997	1996	1996	1997	1996	1996

SUMMARY STATISTICS	FOR 1997 WATER YEAR		WATER YEARS 1996 - 1997	
ANNUAL TOTAL	807.23			
ANNUAL MEAN	2.21		2.21	
HIGHEST ANNUAL MEAN			2.21	1997
LOWEST ANNUAL MEAN			2.21	1997
HIGHEST DAILY MEAN	[a] 19 e	May 17	[e,b] 19 e	May 19 1996
LOWEST DAILY MEAN	.31	Mar 3	.31	Mar 3 1997
ANNUAL SEVEN-DAY MINIMUM	.32	Feb 25	.32	Feb 25 1997
INSTANTANEOUS PEAK FLOW	31	May 17	31	May 17 1997
INSTANTANEOUS PEAK STAGE	7.83	May 17	7.83	May 17 1997
ANNUAL RUNOFF (AC-FT)	1600		1600	
10 PERCENT EXCEEDS	7.1		8.0	
50 PERCENT EXCEEDS	.58		.82	
90 PERCENT EXCEEDS	.32		.38	

e-Estimated.
a-Also occurred May 18.
b-Also occurred May 17-18, 1997, which were not estimated days.

Table 5. Daily mean water discharge for site CC5

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

LOCATION.--Lat 39°39'09", long 105°42'25", in SE¼SE¼ sec.31, T.4 S., R.74 W., Clear Creek County, Hydrologic Unit 10190004, on left bank at security fence, 6.5 mi south of Georgetown.

DRAINAGE AREA.--11.8 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 10,100 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. No known diversions upstream of station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.6	6.6	4.4	e3.7	e3.1	e2.7	e3.4	4.1	26	30	16	7.1
2	e9.5	6.8	4.7	e3.7	e3.1	e2.8	e3.4	5.2	25	e30	16	6.9
3	e9.4	6.4	4.7	e3.7	e3.2	e2.7	e3.5	7.6	26	e30	16	6.8
4	e9.7	5.3	4.7	e3.7	e3.2	e2.7	e3.6	11	27	e30	15	6.7
5	9.2	5.9	4.9	e3.7	e3.3	e2.6	e3.7	13	28	e31	15	6.6
6	9.8	6.1	5.0	e3.5	e3.2	e2.6	e3.7	14	30	e30	15	8.4
7	9.2	5.6	5.1	e3.5	e3.0	e2.6	e3.7	17	30	e30	15	7.1
8	9.0	5.9	4.9	e3.5	e2.9	e2.6	e3.7	18	30	e30	14	6.6
9	8.9	5.7	5.3	e3.5	e3.0	e2.6	e4.0	19	30	29	14	6.4
10	8.7	e5.6	5.2	e3.5	e2.9	e2.6	e4.3	20	31	28	13	6.2
11	8.6	e5.8	5.1	e3.4	e2.9	e2.5	e4.5	22	30	27	13	5.9
12	8.6	e5.8	4.9	e3.4	e2.9	2.7	e4.0	25	30	26	12	6.4
13	8.6	5.6	4.8	e3.4	e2.9	3.0	3.6	29	30	25	12	6.6
14	8.4	5.4	e4.7	e3.5	e2.9	3.1	3.4	30	30	25	12	6.3
15	8.4	5.4	e4.5	e3.4	e2.9	3.1	e3.3	32	30	25	12	7.0
16	8.3	5.4	e4.7	e3.4	e2.9	3.0	e3.5	34	31	24	11	6.4
17	8.1	5.4	e4.4	e3.4	e2.9	e3.1	e3.5	36	31	24	11	7.0
18	8.0	5.3	e4.1	e3.3	e3.0	e3.0	e3.6	34	31	24	10	7.5
19	7.9	5.3	e4.1	e3.3	e2.9	e2.9	e3.6	34	31	25	10	8.0
20	7.9	5.2	e4.1	e3.3	e2.9	e2.9	e3.5	33	30	24	9.5	7.5
21	7.7	5.2	e4.1	e3.2	e3.0	e3.0	e3.5	32	30	23	10	7.3
22	7.6	5.1	e4.1	e3.2	e2.9	e3.2	e3.4	32	30	22	9.8	7.0
23	e7.3	5.0	e4.1	e3.2	e2.8	e3.2	e3.5	31	30	21	9.6	7.7
24	e7.2	5.1	e4.1	e3.2	e2.8	e3.2	e3.9	30	30	20	9.2	10
25	7.2	5.0	e4.1	e3.1	e2.8	e3.0	e4.1	29	30	20	8.8	7.9
26	6.9	4.9	e3.9	e3.1	e2.8	e3.0	e3.9	28	30	19	8.5	7.8
27	6.9	4.1	e3.9	e3.1	e2.7	e3.1	e4.1	26	30	18	8.7	6.9
28	6.8	e4.3	e3.9	e3.1	e2.8	e3.1	e4.1	26	30	17	8.5	8.0
29	6.8	e4.6	e3.9	e3.1	e2.8	e3.3	e4.1	27	29	18	7.9	8.6
30	6.8	e4.6	e3.9	e3.1	---	e3.3	e4.1	27	30	16	7.5	8.0
31	6.7	---	e3.9	e3.1	---	e3.3	---	26	---	16	7.2	---
TOTAL	253.7	162.4	138.2	104.3	85.4	90.5	112.2	751.9	886	757	357.2	216.6
MEAN	8.18	5.41	4.46	3.36	2.94	2.92	3.74	24.3	29.5	24.4	11.5	7.22
MAX	9.8	6.8	5.3	3.7	3.3	3.3	4.5	36	31	31	16	10
MIN	6.7	4.1	3.9	3.1	2.7	2.5	3.3	4.1	25	16	7.2	5.9
AC-FT	503	322	274	207	169	180	223	1490	1760	1500	709	430

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1996, BY WATER YEAR (WY)

MEAN	6.75	4.85	3.73	2.61	2.39	2.47	2.86	15.4	46.8	40.3	17.5	10.1
MAX	8.18	5.41	4.46	3.36	2.94	2.92	3.74	24.3	64.2	56.1	23.4	12.9
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1995	1995	1995	1995
MIN	5.33	4.29	3.01	1.85	1.81	2.02	1.98	6.58	29.5	24.4	11.5	7.22
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1994 - 1996	
ANNUAL TOTAL	5766.4		3915.4			
ANNUAL MEAN	15.8		10.7		13.0	
HIGHEST ANNUAL MEAN					15.3	1995
LOWEST ANNUAL MEAN					10.7	1996
HIGHEST DAILY MEAN	107	Jun 18	36	May 17	107	Jun 18 1995
LOWEST DAILY MEAN	[a]1.6	Feb 4	[e]2.5	Mar 11	[a]1.6	Feb 4 1995
ANNUAL SEVEN-DAY MINIMUM	1.6	Feb 4	2.6	Mar 5	[b]1.6	Feb 4 1995
INSTANTANEOUS PEAK FLOW			42	May 19	Not determined	
INSTANTANEOUS PEAK STAGE			1.29	May 19	3.43	Jun 19 1995
ANNUAL RUNOFF (AC-FT)	11440		7770		9430	
10 PERCENT EXCEEDS	58		30		31	
50 PERCENT EXCEEDS	5.4		6.2		5.2	
90 PERCENT EXCEEDS	1.8		3.0		1.9	

e-Estimated.
a-Also occurred Feb 5-13, 1995
b-Probably occurred Jun 19, 1995.

Table 5. Daily mean water discharge for site CC5--Continued

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

LOCATION (REVISED).--Lat 39°38'47", long 105°42'23", (unsurveyed), T.5 S., R.74 W., Clear Creek County, Hydrologic Unit 10190004, on right bank, 0.5 mi south of Lower Cabin Creek Reservoir, and 4.0 mi south of Georgetown.

DRAINAGE AREA.--Not determined.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to September 1997 (discontinued).

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 10,100 ft above sea level, from topographic map. Prior to Oct. 22, 1996, at site 0.5 mi downstream at different datum.

REMARKS.--Records good except for estimated daily discharges, which are poor. No known diversions upstream from station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.9	e5.0	e4.0	e3.5	e3.0	e2.9	e4.5	4.8	42	42	26	17
2	6.5	e5.0	e4.0	e3.5	e3.0	e2.9	e4.5	4.6	45	40	26	17
3	6.1	e5.0	e4.0	e3.5	e3.0	e2.8	e4.5	4.9	45	39	26	19
4	4.7	e5.0	e4.0	e3.5	e3.0	e2.9	e4.5	5.9	47	38	26	18
5	4.4	e5.0	e4.0	e3.5	e3.0	e2.9	e4.5	7.5	46	37	26	16
6	4.3	e5.4	e4.0	e3.5	e3.0	e3.0	e4.5	9.1	45	36	27	16
7	4.2	e5.9	e4.0	e3.5	e3.0	e3.0	e4.5	11	54	36	28	15
8	e4.3	e5.7	e4.0	e3.5	e3.0	e3.0	e4.5	13	51	35	26	15
9	e4.3	e5.4	e4.0	e3.5	e3.0	e3.0	e4.5	15	47	34	26	14
10	e4.4	e5.2	e4.0	e3.5	e3.0	e3.0	e4.5	18	45	33	30	14
11	e4.6	e5.1	e4.0	e3.5	e3.0	e3.0	e4.5	20	46	32	27	13
12	e4.7	e5.0	e4.0	e3.5	e3.0	e3.0	e4.3	19	46	30	26	13
13	e4.9	e5.0	e4.0	e3.5	e3.0	e3.0	e4.1	22	49	29	26	13
14	e5.0	e5.0	e4.0	e3.4	e3.0	e3.0	e4.0	27	51	29	26	12
15	e5.0	e5.0	e4.0	e3.3	e3.0	e3.0	e4.0	31	48	28	25	12
16	e5.0	e5.0	e3.9	e3.2	e3.0	e3.0	e4.0	37	48	28	24	12
17	e5.0	e5.0	e3.8	e3.1	e3.0	e3.1	e4.2	41	47	28	24	11
18	e5.0	e4.7	e3.8	e3.1	e3.0	e3.1	4.7	43	47	27	23	11
19	e5.0	e4.6	e3.7	e3.0	e3.0	e3.2	6.4	43	47	27	22	11
20	e5.0	e4.5	e3.7	e3.0	e3.0	e3.4	7.8	40	48	27	22	12
21	e5.0	e4.4	e3.6	e3.0	e3.0	e3.5	7.2	39	49	26	21	11
22	e5.0	e4.3	e3.6	e3.0	e3.0	e3.6	5.4	40	49	25	21	11
23	e5.0	e4.2	e3.5	e3.0	e3.0	e3.8	5.1	38	50	25	20	11
24	e5.0	e4.1	e3.5	e3.0	e3.0	e3.9	9.9	38	50	24	20	10
25	e5.0	e4.0	e3.5	e3.0	e3.0	e4.0	e11	35	49	24	21	9.5
26	e5.0	e4.0	e3.5	e3.0	e3.0	e4.0	e9.0	31	48	24	20	9.2
27	e5.0	e4.0	e3.5	e3.0	e3.0	e4.0	e7.0	26	46	25	20	8.9
28	e5.0	e4.0	e3.5	e3.0	e3.0	e4.0	5.2	24	45	26	19	8.7
29	e5.0	e4.0	e3.5	e3.0	---	e4.0	5.2	26	43	25	18	8.6
30	e5.0	e4.0	e3.5	e3.0	---	e4.0	5.0	29	43	27	18	8.4
31	e5.0	---	e3.5	e3.0	---	e4.2	---	35	---	25	17	---
TOTAL	154.3	142.5	117.6	100.6	84.0	103.2	163.0	777.8	1416	931	727	377.3
MEAN	4.98	4.75	3.79	3.25	3.00	3.33	5.43	25.1	47.2	30.0	23.5	12.6
MAX	6.9	5.9	4.0	3.5	3.0	4.2	11	43	54	42	30	19
MIN	4.2	4.0	3.5	3.0	3.0	2.8	4.0	4.6	42	24	17	8.4
AC-FT	306	283	233	200	167	205	323	1540	2810	1850	1440	748

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1997, BY WATER YEAR (WY)

MEAN	6.16	4.82	3.75	2.82	2.59	2.76	3.72	18.6	47.0	36.8	19.5	10.9
MAX	8.18	5.41	4.46	3.36	3.00	3.33	5.43	25.1	64.2	56.1	23.5	12.9
(WY)	1996	1996	1996	1996	1997	1997	1997	1997	1995	1995	1997	1995
MIN	4.98	4.29	3.01	1.85	1.81	2.02	1.98	6.58	29.5	24.4	11.5	7.22
(WY)	1997	1995	1995	1995	1995	1995	1995	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1995 - 1997	
ANNUAL TOTAL	3775.5		5094.3			
ANNUAL MEAN	10.3		14.0		13.3	
HIGHEST ANNUAL MEAN					15.3	1995
LOWEST ANNUAL MEAN					10.7	1996
HIGHEST DAILY MEAN	36	May 17	54	Jun 7	107	Jun 18 1995
LOWEST DAILY MEAN	e2.5	Mar 11	e2.8	Mar 3	a1.6	Feb 4 1995
ANNUAL SEVEN-DAY MINIMUM	2.6	Mar 5	2.9	Feb 27	1.6	Feb 4 1995
INSTANTANEOUS PEAK FLOW			59	Jun 7	bNot determined	
INSTANTANEOUS PEAK STAGE			1.70	Jun 7	c3.43	Jun 19 1995
ANNUAL RUNOFF (AC-FT)	7490		10100		9660	
10 PERCENT EXCEEDS	30		40		33	
50 PERCENT EXCEEDS	5.0		5.0		5.1	
90 PERCENT EXCEEDS	3.0		3.0		2.2	

e-Estimated.
a-Also occurred Feb 5-13, 1995
b-Probably occurred Jun 19, 1995.
c-Site and datum then in use.

Table 6. Daily mean water discharge for site CC7

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

LOCATION.--Lat 39°41'13", long 105°41'56", in NE¼SW¼ sec.20, T.4 S., R.74 W., Clear Creek County, Hydrologic Unit 10190004, on right bank 240 ft upstream from the confluence of Leavenworth Creek, and 3.1 mi south of Georgetown.

DRAINAGE AREA.--16.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 9,280 ft above sea level, from topographic map.

REMARKS.--Records fair except for estimated daily discharges, which are poor. Flow is entirely regulated by Lower Cabin Creek Reservoir.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16	12	8.6	8.3	4.0	5.1	10	6.7	28	51	14	11
2	16	7.8	8.6	8.1	3.9	5.0	10	6.9	29	50	19	11
3	16	7.3	8.6	8.2	3.9	5.0	12	7.2	27	50	18	11
4	15	7.1	8.6	8.2	3.9	4.9	19	7.8	31	52	18	11
5	15	7.0	8.6	8.1	3.6	5.0	18	8.5	31	50	20	11
6	15	6.9	8.6	7.9	3.4	5.0	18	9.2	38	49	20	10
7	15	6.9	8.6	8.0	3.5	5.7	17	9.8	43	50	20	14
8	15	7.2	8.6	8.1	3.5	5.9	16	11	45	49	20	11
9	15	8.6	8.6	8.0	3.5	5.9	15	13	46	49	20	8.9
10	15	8.6	8.6	8.0	3.5	5.9	15	18	45	49	18	12
11	15	8.6	8.6	7.9	3.6	5.9	14	19	47	49	19	8.2
12	15	8.6	8.5	7.9	3.7	5.9	13	19	50	50	18	7.9
13	15	8.6	8.6	7.8	3.7	6.1	12	21	52	48	17	7.6
14	15	8.6	8.5	7.8	3.7	6.6	11	21	52	48	17	8.0
15	14	8.6	8.4	7.8	3.7	6.5	11	28	54	45	17	7.7
16	14	8.6	8.4	7.7	3.7	6.5	10	33	52	40	15	7.2
17	14	8.6	8.4	7.4	3.7	6.5	10	37	55	38	14	7.4
18	14	8.7	8.2	6.3	3.8	6.4	9.7	38	55	36	15	12
19	14	8.7	8.4	6.3	3.9	6.3	9.2	42	57	34	15	9.9
20	14	8.7	8.4	6.3	3.9	6.4	8.5	40	58	32	14	9.3
21	14	8.7	8.4	6.0	4.0	7.9	7.6	45	58	30	15	11
22	14	8.7	8.4	5.7	5.1	8.1	7.4	43	60	28	15	9.9
23	14	8.7	8.4	5.4	5.3	8.1	7.2	43	56	30	16	10
24	14	8.6	8.3	5.2	5.3	8.1	7.2	40	52	35	14	11
25	14	8.6	8.1	5.2	5.4	7.9	7.2	37	56	35	15	11
26	13	8.6	8.1	5.1	5.6	7.9	7.2	36	51	31	11	11
27	13	8.6	8.0	5.1	e5.6	8.2	7.1	36	53	22	9.4	11
28	13	8.6	8.1	5.1	e5.3	10	7.1	37	54	22	11	12
29	13	8.6	8.2	5.1	e5.1	10	6.9	35	54	24	11	12
30	13	8.6	8.3	5.1	---	10	6.8	33	53	19	12	12
31	13	---	8.4	5.0	---	11	---	29	---	13	9.9	---
TOTAL	445	252.0	261.1	212.1	120.8	213.7	330.1	810.1	1442	1208	487.3	307.0
MEAN	14.4	8.40	8.42	6.84	4.17	6.89	11.0	26.1	48.1	39.0	15.7	10.2
MAX	16	12	8.6	8.3	5.6	11	19	45	60	52	20	14
MIN	13	6.9	8.0	5.0	3.4	4.9	6.8	6.7	27	13	9.4	7.2
AC-FT	883	500	518	421	240	424	655	1610	2860	2400	967	609

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1996, BY WATER YEAR (WY)

MEAN	10.9	7.24	6.34	5.36	4.02	9.27	8.97	17.1	59.3	58.3	25.1	14.4
MAX	14.4	8.40	8.42	6.84	4.17	11.7	11.0	26.1	70.6	77.5	34.4	18.6
(WY)	1996	1996	1996	1996	1996	1995	1996	1996	1995	1995	1995	1995
MIN	7.35	6.07	4.25	3.87	3.87	6.89	6.94	8.13	48.1	39.0	15.7	10.2
(WY)	1995	1995	1995	1995	1995	1996	1995	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1994 - 1996	
ANNUAL TOTAL	8153.2		6089.2			
ANNUAL MEAN	22.3		16.6		18.9	
HIGHEST ANNUAL MEAN					21.2	1995
LOWEST ANNUAL MEAN					16.6	1996
HIGHEST DAILY MEAN	147	Jun 24	60	Jun 22	147	Jun 24 1995
LOWEST DAILY MEAN	3.6	Jan 22	3.4	Feb 6	3.4	Feb 6 1996
ANNUAL SEVEN-DAY MINIMUM	3.7	Jan 20	3.5	Feb 5	3.5	Feb 5 1996
INSTANTANEOUS PEAK FLOW			64	Jun 22	215	Jun 23 1995
INSTANTANEOUS PEAK STAGE			5.05	Jun 22	[a]5.96	Jun 23 1995
ANNUAL RUNOFF (AC-FT)	16170		12080		13700	
10 PERCENT EXCEEDS	70		45		49	
50 PERCENT EXCEEDS	11		10		9.3	
90 PERCENT EXCEEDS	3.9		5.2		4.0	

e-Estimated.
a-Maximum gage height, 6.78 ft, Jun 17, 1995, backwater from debris.

Table 6. Daily mean water discharge for site CC7--Continued

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

LOCATION.--Lat 39°41'13", long 105°41'56", in NE¼SW¼ sec.20, T.4 S., R.74 W., Clear Creek County, Hydrologic Unit 10190004, on right bank 240 ft upstream from the confluence of Leavenworth Creek, and 3.1 mi south of Georgetown.

DRAINAGE AREA.--16.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to September 1997 (discontinued).

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 9,280 ft above sea level, from topographic map.

REMARKS.--No estimated daily discharges. Records good. Flow is entirely regulated by Lower Cabin Creek Reservoir.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	11	7.5	4.9	5.1	4.3	4.0	4.3	5.4	58	67	29	22
2	11	7.0	5.1	5.1	4.3	4.0	4.3	5.3	67	67	27	22
3	11	6.8	5.2	5.1	4.3	3.9	4.3	5.4	67	60	28	22
4	11	6.1	5.3	5.0	4.1	3.9	4.4	5.5	67	49	26	22
5	10	4.6	5.5	4.7	4.2	3.9	4.3	5.8	72	50	28	22
6	9.6	4.6	5.7	4.7	4.2	3.9	4.2	6.2	74	54	34	22
7	9.2	4.5	5.7	4.7	4.2	3.9	4.3	6.5	80	50	40	22
8	6.9	4.3	5.8	4.7	4.2	3.9	4.3	6.8	90	40	29	22
9	6.0	4.2	5.9	4.7	4.2	3.9	4.4	8.0	77	44	24	22
10	8.3	4.1	5.9	4.5	4.2	3.9	4.4	8.2	67	37	26	22
11	8.3	3.9	5.9	4.2	4.2	4.0	4.4	8.2	71	40	43	22
12	8.4	3.9	5.9	4.2	4.1	4.0	4.4	8.0	75	41	37	21
13	8.3	4.1	5.8	4.2	4.2	4.0	4.4	8.5	90	41	29	21
14	8.4	4.4	5.7	4.2	4.2	4.0	4.2	10	113	39	28	20
15	8.3	4.6	5.5	4.2	4.2	4.1	4.3	13	99	35	24	20
16	8.5	4.7	5.5	4.2	4.1	4.1	4.3	13	78	33	23	20
17	8.7	5.0	5.5	4.1	4.2	4.1	4.4	14	71	33	23	18
18	8.9	5.3	5.5	4.7	4.2	4.1	4.5	15	73	34	24	19
19	8.9	5.2	5.5	4.7	4.1	4.1	4.6	16	78	40	27	19
20	9.0	4.5	5.5	4.7	4.2	4.1	4.6	17	77	35	26	19
21	8.8	4.5	5.1	4.6	4.1	4.2	4.8	18	77	30	24	18
22	8.5	4.6	5.5	4.5	4.0	4.2	4.7	24	89	32	23	18
23	8.2	4.6	5.5	4.5	3.9	4.2	4.8	50	108	32	24	18
24	7.8	4.6	5.4	4.5	3.9	4.2	4.9	62	94	29	25	17
25	7.5	4.5	5.4	4.5	3.8	4.2	4.9	58	70	29	24	17
26	7.4	4.5	5.4	4.5	3.7	4.3	4.9	61	68	25	24	16
27	7.4	4.5	5.4	4.4	3.9	4.3	5.1	56	64	24	24	16
28	7.3	4.6	5.3	4.3	4.1	4.3	5.3	42	65	24	23	15
29	7.6	4.7	5.3	4.4	---	4.2	5.3	35	68	32	22	15
30	7.9	4.8	5.2	4.4	---	4.2	5.4	39	64	35	22	15
31	7.9	---	5.2	4.4	---	4.3	---	47	---	32	22	---
TOTAL	266.0	145.2	170.0	140.7	115.3	126.4	137.4	677.8	2311	1213	832	584
MEAN	8.58	4.84	5.48	4.54	4.12	4.08	4.58	21.9	77.0	39.1	26.8	19.5
MAX	11	7.5	5.9	5.1	4.3	4.3	5.4	62	113	67	43	22
MIN	6.0	3.9	4.9	4.1	3.7	3.9	4.2	5.3	58	24	22	15
AC-FT	528	288	337	279	229	251	273	1340	4580	2410	1650	1160

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1997, BY WATER YEAR (WY)

MEAN	10.1	6.44	6.05	5.08	4.05	7.54	7.51	18.7	65.2	51.9	25.7	16.1
MAX	14.4	8.40	8.42	6.84	4.17	11.7	11.0	26.1	77.0	77.5	34.4	19.5
(WY)	1996	1996	1996	1996	1996	1995	1996	1996	1997	1995	1995	1997
MIN	7.35	4.84	4.25	3.87	3.87	4.08	4.58	8.13	48.1	39.0	15.7	10.2
(WY)	1995	1997	1995	1995	1995	1997	1997	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1995 - 1997	
ANNUAL TOTAL	5712.3		6718.8			
ANNUAL MEAN	15.6		18.4		18.7	
HIGHEST ANNUAL MEAN					21.2	1995
LOWEST ANNUAL MEAN					16.6	1996
HIGHEST DAILY MEAN	60	Jun 22	113	Jun 14	147	Jun 24 1995
LOWEST DAILY MEAN	3.4	Feb 6	3.7	Feb 26	3.4	Feb 6 1996
ANNUAL SEVEN-DAY MINIMUM	3.5	Feb 5	3.9	Feb 21	3.5	Feb 5 1996
INSTANTANEOUS PEAK FLOW			127	Jun 15	215	Jun 23 1995
INSTANTANEOUS PEAK STAGE			5.45	Jun 15	[a]5.96	Jun 23 1995
ANNUAL RUNOFF (AC-FT)	11330		13330		13580	
10 PERCENT EXCEEDS	45		57		50	
50 PERCENT EXCEEDS	8.3		6.0		8.6	
90 PERCENT EXCEEDS	4.6		4.1		4.0	

a-Maximum gage height, 6.78 ft, Jun 17, 1995, backwater from debris.

Table 7. Daily mean water discharge for site CC9

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

LOCATION.--Lat 39°41'14", long 105°41'59", in NE¼SW¼ sec.20, T.4 S., R.74 W., Clear Creek County, Hydrologic Unit 10190004, on left bank 400 ft upstream from confluence of South Clear Creek, 0.3 mi south of Georgetown Reservoir, and 1.3 mi south of Georgetown.

DRAINAGE AREA.--12.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 9,320 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Vidler Tunnel (transmountain diversion) imports water from Peru Creek. There is seasonal diversion into Green Lake.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.1	e5.6	e3.3	e1.9	e1.9	e1.5	1.9	2.5	33	58	18	5.8
2	8.1	e5.5	3.1	e1.9	e1.7	e1.4	1.8	2.6	33	55	17	5.7
3	8.0	e5.5	3.0	e1.9	e1.7	e1.4	1.8	3.0	38	51	19	5.5
4	8.1	e5.5	3.0	e1.9	e1.7	e1.5	1.7	3.9	44	53	18	5.3
5	7.6	e5.5	3.0	e1.9	e1.8	e1.5	1.7	5.6	50	57	15	5.3
6	8.3	e5.2	3.1	e1.9	e1.8	e1.5	1.8	7.4	59	53	15	6.7
7	7.9	e5.2	3.0	e2.0	e1.8	e1.5	1.8	9.0	62	48	15	6.2
8	7.8	e5.2	e2.9	e2.1	e1.9	e1.5	2.0	11	67	43	16	5.5
9	7.5	e4.7	e2.7	e2.1	e1.9	e1.3	2.6	12	79	40	14	5.3
10	7.4	e4.7	e2.7	e2.1	e2.0	e1.4	3.0	13	82	41	13	5.3
11	7.4	e4.7	e2.8	e1.9	e1.8	e1.5	2.7	15	83	37	12	5.1
12	7.5	e4.5	e2.8	e2.0	e1.7	e1.5	2.4	19	79	35	11	6.0
13	e7.4	e4.4	e2.7	e2.3	e1.7	e1.6	2.3	22	77	34	11	6.2
14	e7.7	e4.4	e2.6	e2.2	e1.9	e1.6	2.1	26	72	33	11	5.9
15	e8.0	e4.2	e2.7	e2.2	e1.8	e1.5	2.2	33	73	31	10	7.5
16	e7.8	e4.2	e2.6	e2.1	e1.7	e1.5	2.2	43	67	29	10	6.3
17	e7.1	e4.1	e2.5	e2.0	e1.7	e1.6	2.3	50	65	28	10	5.7
18	e6.9	e4.0	e2.4	e1.9	e1.8	e1.5	2.2	54	64	34	10	5.9
19	e6.6	e3.7	e2.4	e1.8	e1.7	e1.5	2.1	62	61	33	9.8	6.4
20	e7.2	e3.7	e2.4	e1.8	e1.7	e1.6	2.1	58	62	32	9.8	6.1
21	e6.4	e3.7	e2.3	e1.8	e1.7	e1.7	2.0	52	72	29	9.4	6.6
22	e6.1	e3.9	e2.2	e1.9	e1.7	e1.9	2.0	55	83	27	8.3	6.7
23	e6.9	e3.8	e2.1	e1.8	e1.7	e1.9	2.0	54	65	25	7.9	6.8
24	e8.4	e3.7	e2.2	e1.8	e1.6	e1.8	2.7	43	59	25	7.6	8.5
25	e8.0	e3.6	e2.2	e1.8	e1.6	e1.7	3.4	39	58	24	7.1	7.6
26	e7.6	e3.5	e2.3	e1.8	e1.6	e1.7	2.9	34	59	23	6.9	6.6
27	e6.7	e3.5	e2.3	e1.7	e1.6	e1.7	2.9	30	60	22	7.4	6.0
28	e6.8	e3.5	e2.3	e1.8	e1.6	e1.8	2.7	28	62	21	7.5	6.6
29	e6.3	e3.4	e2.1	e1.8	e1.6	e1.8	2.7	31	58	23	6.8	7.6
30	e5.9	e3.3	e2.0	e1.8	---	e1.8	2.5	33	58	20	6.4	7.6
31	e5.8	---	e1.9	e1.8	---	1.9	---	32	---	19	6.0	---
TOTAL	227.3	130.4	79.6	59.7	50.4	49.6	68.5	883.0	1884	1083	345.9	188.3
MEAN	7.33	4.35	2.57	1.93	1.74	1.60	2.28	28.5	62.8	34.9	11.2	6.28
MAX	8.4	5.6	3.3	2.3	2.0	1.9	3.4	62	83	58	19	8.5
MIN	5.8	3.3	1.9	1.7	1.6	1.3	1.7	2.5	33	19	6.0	5.1
AC-FT	451	259	158	118	100	98	136	1750	3740	2150	686	373

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1994 - 1996, BY WATER YEAR (WY)

MEAN	6.53	3.81	2.33	1.77	1.55	1.51	1.95	16.8	66.9	58.3	18.4	8.57
MAX	7.33	4.35	2.57	1.93	1.74	1.60	2.28	28.5	71.1	81.7	25.7	10.9
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1995	1995	1995	1995
MIN	5.73	3.28	2.08	1.62	1.35	1.42	1.61	5.10	62.8	34.9	11.2	6.28
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1994 - 1996	
ANNUAL TOTAL	6563.4		5049.7			
ANNUAL MEAN	18.0		13.8		15.8	
HIGHEST ANNUAL MEAN					17.7	1995
LOWEST ANNUAL MEAN					13.8	1996
HIGHEST DAILY MEAN	125	Jun 21	[a]83	Jun 11	125	Jun 21 1995
LOWEST DAILY MEAN	[b]1.2	Feb 12	[e]1.3	Mar 9	[b]1.2	Feb 12 1995
ANNUAL SEVEN-DAY MINIMUM	1.3	Feb 11	1.5	Mar 3	1.3	Feb 11 1995
INSTANTANEOUS PEAK FLOW			[c]100	Jun 9	168	Jul 12 1995
INSTANTANEOUS PEAK STAGE			[c]4.68	Jun 9	[d]4.79	Jul 12 1995
ANNUAL RUNOFF (AC-FT)	13020		10020		11410	
10 PERCENT EXCEEDS	78		51		55	
50 PERCENT EXCEEDS	4.4		5.3		4.2	
90 PERCENT EXCEEDS	1.4		1.7		1.5	

e-Estimated.
a-Also occurred Jun 22.
b-Also occurred Mar 13,1995.
c-Also occurred Jun 10, 12.
d-Maximum gage height, 5.69 ft, Jun 17, 1995.

Table 7. Daily mean water discharge for site CC9-- Continued

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

LOCATION.--Lat 39°41'14", long 105°41'59", in NE¼SW¼ sec.20, T.4 S., R.74 W., Clear Creek County, Hydrologic Unit 10190004, on left bank 400 ft upstream from confluence of South Clear Creek, 0.3 mi south of Georgetown Reservoir, and 1.3 mi south of Georgetown.

DRAINAGE AREA.--12.0 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to September 1997 (discontinued).

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 9,280 ft (revised) above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Vidler Tunnel (transmountain diversion) imports water from Peru Creek. There is seasonal diversion into Green Lake.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.8	e4.2	e3.4	e2.1	e1.8	e1.8	e1.6	2.8	66	53	29	11
2	6.2	e4.2	e3.3	e2.0	e1.8	e1.8	e1.6	2.7	73	49	27	10
3	6.1	e4.1	e3.2	e2.0	e1.8	e1.8	e1.6	2.7	72	47	26	10
4	5.7	e4.0	e3.2	e2.0	e1.8	e1.8	e1.6	3.0	80	44	27	10
5	5.5	e4.0	e3.1	e2.0	e1.8	e1.8	e1.6	4.2	82	42	27	9.2
6	5.2	e4.0	e3.1	e2.0	e1.8	e1.8	e1.6	5.7	81	41	30	8.8
7	5.2	e4.0	e3.1	e2.0	e1.8	e1.8	e1.6	7.2	100	43	28	8.5
8	5.0	e4.0	e3.0	e2.0	e1.8	e1.8	e1.6	7.9	98	40	25	8.1
9	5.0	e4.0	e3.0	e2.0	e1.8	e1.8	e1.6	8.6	95	36	24	7.9
10	5.0	e4.0	e2.9	e2.0	e1.8	e1.8	e1.6	9.9	91	35	30	7.8
11	5.0	e4.0	e2.8	e2.0	e1.8	e1.8	e1.7	10	92	35	27	7.7
12	5.0	e4.0	e2.8	e2.0	e1.8	e1.8	e1.8	10	85	34	25	7.7
13	5.0	e4.0	e2.8	e1.9	e1.8	e1.8	e1.8	11	85	33	23	7.2
14	5.0	e4.0	e2.8	e1.9	e1.8	e1.8	e1.9	13	86	33	22	7.0
15	4.9	e4.0	e2.8	e1.9	e1.8	e1.8	e2.0	15	81	33	20	7.0
16	4.9	e4.0	e2.8	e1.9	e1.8	e1.8	e2.0	19	79	33	18	7.5
17	4.9	e3.9	e2.7	e1.8	e1.8	e1.7	2.1	26	78	32	18	7.0
18	6.9	e3.8	e2.7	e1.8	e1.8	e1.7	2.3	32	77	32	17	7.0
19	5.6	e3.8	e2.6	e1.8	e1.8	e1.7	2.9	36	85	35	16	7.1
20	5.1	e3.7	e2.5	e1.8	e1.8	e1.6	3.6	35	88	32	14	8.3
21	e4.8	e3.6	e2.5	e1.8	e1.8	e1.6	3.9	36	89	30	13	7.6
22	e4.9	e3.6	e2.4	e1.8	e1.8	e1.6	3.2	41	89	28	13	7.9
23	e4.8	e3.5	e2.4	e1.8	e1.8	e1.6	2.9	40	88	28	12	7.5
24	e4.7	e3.5	e2.3	e1.8	e1.8	e1.6	4.1	41	79	28	12	7.1
25	e4.6	e3.5	e2.3	e1.8	e1.8	e1.6	2.8	39	73	27	13	6.8
26	e4.5	e3.5	e2.3	e1.8	e1.8	e1.6	2.9	35	71	27	12	6.9
27	e4.5	e3.5	e2.2	e1.8	e1.8	e1.5	3.0	32	66	27	11	6.7
28	e4.5	e3.5	e2.2	e1.8	e1.8	e1.6	2.9	31	61	28	11	6.3
29	e4.4	e3.4	e2.2	e1.8	---	e1.6	2.9	34	59	27	10	6.1
30	e4.4	e3.4	e2.1	e1.8	---	e1.6	2.8	41	57	30	10	6.1
31	e4.3	---	e2.1	e1.8	---	e1.6	---	52	---	30	11	---
TOTAL	158.4	114.7	83.6	58.7	50.4	53.0	69.5	683.7	2406	1072	601	233.8
MEAN	5.11	3.82	2.70	1.89	1.80	1.71	2.32	22.1	80.2	34.6	19.4	7.79
MAX	6.9	4.2	3.4	2.1	1.8	1.8	4.1	52	100	53	30	11
MIN	4.3	3.4	2.1	1.8	1.8	1.5	1.6	2.7	57	27	10	6.1
AC-FT	314	228	166	116	100	105	138	1360	4770	2130	1190	464

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1997, BY WATER YEAR (WY)

MEAN	6.06	3.82	2.45	1.81	1.63	1.58	2.07	18.5	71.4	50.4	18.7	8.31
MAX	7.33	4.35	2.70	1.93	1.80	1.71	2.32	28.5	80.2	81.7	25.7	10.9
(WY)	1996	1996	1997	1996	1997	1997	1997	1996	1997	1995	1995	1995
MIN	5.11	3.28	2.08	1.62	1.35	1.42	1.61	5.10	62.8	34.6	11.2	6.28
(WY)	1997	1995	1995	1995	1995	1995	1995	1995	1996	1997	1996	1996

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1995 - 1997	
ANNUAL TOTAL	4969.1		5584.8			
ANNUAL MEAN	13.6		15.3		15.6	
HIGHEST ANNUAL MEAN					17.7	1995
LOWEST ANNUAL MEAN					13.8	1996
HIGHEST DAILY MEAN	[a]83	Jun 11	100	Jun 7	125	Jun 21 1995
LOWEST DAILY MEAN	[e]1.3	Mar 9	[e]1.5	Mar 27	[b]1.2	Feb 12 1995
ANNUAL SEVEN-DAY MINIMUM	1.5	Mar 3	1.6	Mar 21	1.3	Feb 11 1995
INSTANTANEOUS PEAK FLOW			124	Jun 7	168	Jul 12 1995
INSTANTANEOUS PEAK STAGE			4.81	Jun 7	[c]4.79	Jul 12 1995
ANNUAL RUNOFF (AC-FT)	9860		11080		11300	
10 PERCENT EXCEEDS	51		42		52	
50 PERCENT EXCEEDS	4.1		4.1		4.2	
90 PERCENT EXCEEDS	1.7		1.8		1.6	

e-Estimated.
a-Also occurred Jun 22.
b-Also occurred Mar 13, 1995.
c-Maximum gage height, 5.69 ft, Jun 17, 1995.

Table 8. Daily mean water discharge for site GC5

06704500 DUCK CREEK NEAR GRANT, CO

LOCATION (REVISED).--Lat 39°31'46", long 105°43'50", in NE¼NW¼ sec.13, T.6 S., R.75 W., Park County, Hydrologic Unit 10190002, on left bank 570 ft upstream from Geneva Creek Road, 650 ft upstream from the confluence with Geneva Creek, and 7.0 mi north of Grant.

DRAINAGE AREA.--7.78 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to current year.

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 10,000 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow partially regulated by Duck Lake.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.7	2.7	2.0	e1.3	e1.2	e.96	1.1	2.0	19	21	15	1.1
2	3.6	2.4	1.9	e1.3	e1.2	e.98	1.2	2.5	19	21	17	1.1
3	3.4	2.2	1.8	e1.3	e1.2	e.98	1.2	3.0	19	20	18	1.1
4	3.7	2.5	1.8	e1.3	e1.2	e.98	1.1	3.3	19	20	11	1.0
5	3.4	2.3	1.8	e1.3	e1.1	e.98	1.1	3.8	20	19	6.7	1.0
6	3.5	2.3	1.9	e1.2	e1.1	e.98	1.1	3.8	21	19	3.1	1.2
7	3.4	2.3	1.9	e1.3	e1.0	e.98	1.1	4.0	22	18	2.8	1.3
8	3.2	2.3	1.8	e1.3	e1.1	e.98	1.7	4.4	23	17	2.5	1.1
9	3.2	2.4	1.9	e1.2	e1.0	e.98	2.3	4.7	24	18	2.3	1.1
10	3.2	2.4	1.8	e1.2	e1.0	e.98	2.2	5.0	25	17	2.0	1.1
11	3.2	2.5	1.7	e1.1	e1.0	.92	1.7	5.3	26	16	1.9	1.1
12	3.3	2.4	1.7	e1.1	e1.0	.91	1.4	5.9	26	15	1.6	1.3
13	3.3	2.4	1.7	e1.1	1.2	.87	1.4	6.4	27	15	1.4	1.4
14	3.2	2.3	1.7	e1.1	1.2	.84	1.3	6.8	27	14	1.3	1.2
15	3.1	2.2	1.6	e1.2	1.1	.81	1.4	7.4	29	14	1.3	1.3
16	3.0	2.3	1.7	e1.2	1.1	.82	1.5	8.4	27	13	1.3	1.2
17	2.9	2.2	e1.5	e1.2	.99	.85	1.8	9.2	27	19	1.3	1.2
18	2.8	2.2	e1.3	e1.0	.99	.86	1.5	9.8	27	28	1.3	1.3
19	2.8	2.2	e1.1	e1.1	.99	.85	1.3	12	27	27	1.2	1.4
20	2.8	2.1	e1.2	e1.1	.99	.88	1.3	13	26	26	1.2	1.4
21	2.7	2.1	e1.3	e1.1	1.0	.92	1.2	14	27	26	1.7	1.4
22	2.8	2.1	e1.3	e1.1	.96	.86	1.2	16	27	26	1.8	1.3
23	2.9	2.1	e1.3	e1.1	.92	.87	1.5	18	26	24	1.8	1.4
24	2.8	2.1	e1.4	e1.1	.90	.86	2.5	19	25	23	1.6	2.2
25	2.7	2.0	e1.3	e1.1	e.94	.88	2.4	21	25	22	1.4	1.7
26	2.7	2.1	e1.2	e1.1	e.98	.94	2.3	22	24	21	1.3	1.8
27	2.7	1.9	e1.2	e1.2	e.88	.95	2.0	22	23	19	1.2	1.7
28	2.7	e1.7	e1.3	e1.2	e.90	.89	1.6	22	23	18	1.3	1.7
29	2.6	e2.0	e1.3	e1.2	e.96	.92	1.7	22	22	17	1.3	1.7
30	2.6	2.2	e1.4	e1.2	---	.91	1.6	21	22	16	1.4	1.6
31	2.6	---	e1.3	e1.2	---	.95	---	19	---	15	1.1	---
TOTAL	94.5	66.9	48.1	36.5	30.10	28.34	46.7	336.7	724	604	110.1	40.4
MEAN	3.05	2.23	1.55	1.18	1.04	.91	1.56	10.9	24.1	19.5	3.55	1.35
MAX	3.7	2.7	2.0	1.3	1.2	.98	2.5	22	29	28	18	2.2
MIN	2.6	1.7	1.1	1.0	.88	.81	1.1	2.0	19	13	1.1	1.0
AC-FT	187	133	95	72	60	56	93	668	1440	1200	218	80

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1996, BY WATER YEAR (WY)

MEAN	2.10	1.66	1.10	.87	.80	.85	1.31	7.14	29.3	23.6	7.31	3.26
MAX	3.05	2.23	1.55	1.18	1.04	.91	1.56	10.9	34.4	27.7	11.1	5.18
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1995	1995	1995	1995
MIN	1.15	1.09	.65	.57	.55	.78	1.07	3.41	24.1	19.5	3.55	1.35
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1995 - 1996	
ANNUAL TOTAL	2795.60		2166.34			
ANNUAL MEAN	7.66		5.92		6.62	
HIGHEST ANNUAL MEAN					7.33	1995
LOWEST ANNUAL MEAN					5.92	1996
HIGHEST DAILY MEAN	78	Jun 20	29	Jun 15	78	Jun 20 1995
LOWEST DAILY MEAN	[a].46	Feb 12	.81	Mar 15	[a].46	Feb 12 1995
ANNUAL SEVEN-DAY MINIMUM	.48	Feb 11	.84	Mar 13	.48	Feb 11 1995
INSTANTANEOUS PEAK FLOW			32	Jun 15	97	Jun 19 1995
INSTANTANEOUS PEAK STAGE			1.39	Jun 15	1.97	Jun 19 1995
ANNUAL RUNOFF (AC-FT)	5550		4300		4800	
10 PERCENT EXCEEDS	24		21		22	
50 PERCENT EXCEEDS	2.3		1.8		1.4	
90 PERCENT EXCEEDS	.58		.98		.64	

e-Estimated.
a-Also occurred Feb 13, 1995.

Table 8. Daily mean water discharge for site GC5--Continued

06704500 DUCK CREEK NEAR GRANT, CO

LOCATION.--Lat 39°31'46", long 105°43'50", in NE¼NW¼ sec.13, T.6 S., R.75 W., Park County, Hydrologic Unit 10190002, on left bank 570 ft upstream from Geneva Creek Road, 650 ft upstream from the confluence with Geneva Creek, and 7.0 mi north of Grant.

DRAINAGE AREA.--7.78 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--October 1994 to September 1997 (discontinued).

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 9,750 ft (revised) above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Flow partially regulated by Duck Lake.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.5	e1.1	e1.0	e1.1	e1.1	e.70	.95	2.0	23	23	4.8	4.1
2	1.4	e1.1	e1.0	e1.1	e1.0	e.80	e1.0	1.8	25	23	4.5	4.0
3	1.4	e1.1	e1.0	e1.3	e.90	e.80	e1.0	2.1	26	22	4.0	4.6
4	1.4	e1.1	e1.0	e1.3	e.90	e.80	1.0	2.9	27	21	4.1	4.8
5	1.4	e1.1	e1.0	e1.2	e.90	e.80	e1.0	3.6	29	21	4.2	4.2
6	1.4	e1.1	e1.0	e1.1	e.90	e.80	e1.0	3.9	31	20	4.1	4.1
7	1.4	e1.1	e1.1	e1.0	e.80	e.80	e1.0	4.3	33	19	4.9	4.0
8	1.3	e1.2	e1.2	e.90	e.70	e.80	e1.0	4.6	34	19	4.0	3.8
9	1.3	e1.3	e1.2	e.80	e.70	e.80	e1.0	5.1	36	18	4.9	3.8
10	1.3	e1.3	e1.2	e.70	e.80	e.80	e1.0	5.6	36	18	6.7	3.9
11	1.4	e1.4	e1.1	e.70	e.80	e.80	e1.0	5.8	36	30	5.0	3.7
12	1.3	e1.4	e1.0	e.70	e.80	e.80	e1.0	5.9	35	30	4.7	3.6
13	1.3	e1.3	e1.0	e.80	e.80	e.80	e1.0	6.4	36	29	4.5	3.4
14	1.3	e1.3	e1.0	e.80	e.80	e.90	e1.1	7.1	36	27	4.5	3.4
15	1.4	e1.2	e.90	e.90	e.90	e.90	e1.2	7.9	34	26	4.4	3.3
16	1.5	e1.1	e.90	e1.0	e.90	e.90	e1.5	8.8	34	24	4.4	3.4
17	1.6	e1.1	e.80	e1.0	e.90	e.90	e2.0	10	33	26	4.6	3.2
18	e1.6	e1.1	e.80	e1.0	e.90	e.90	2.3	11	32	28	4.8	3.1
19	e1.6	e1.3	e.90	e1.0	e1.0	e.90	2.9	13	32	26	4.5	3.0
20	e1.4	e1.4	e1.0	e1.0	e1.0	e.90	3.2	14	32	24	4.2	3.7
21	e1.2	e1.3	e1.0	e1.0	e.90	.96	2.8	15	32	23	4.3	3.4
22	e1.3	e1.3	e1.0	e1.0	e.80	1.0	2.1	17	32	23	4.2	3.5
23	e1.3	e1.3	e.90	e1.0	e.70	1.2	2.0	18	32	22	4.2	3.3
24	e1.3	e1.2	e.90	e1.0	e.70	.97	1.9	19	31	20	4.2	3.2
25	e1.3	e1.1	e1.0	e1.0	e.60	.81	1.7	19	30	20	4.3	3.1
26	e1.3	e1.1	e1.0	e1.0	e.70	1.0	1.5	20	29	20	4.4	3.0
27	e1.3	e1.0	e1.1	e1.0	e.70	1.2	2.0	20	27	19	4.5	2.9
28	e1.2	e1.0	e1.1	e1.0	e.70	1.3	2.2	20	26	19	4.5	2.9
29	e1.2	e1.0	e1.1	e1.0	---	.99	2.4	22	25	6.9	4.2	2.8
30	e1.2	e1.0	e1.1	e1.1	---	1.1	2.2	22	24	7.0	4.2	2.7
31	e1.1	---	e1.1	e1.2	---	1.1	---	22	---	5.2	4.1	---
TOTAL	41.9	35.4	31.40	30.70	23.30	28.23	47.95	339.8	928	659.1	138.9	105.9
MEAN	1.35	1.18	1.01	.99	.83	.91	1.60	11.0	30.9	21.3	4.48	3.53
MAX	1.6	1.4	1.2	1.3	1.1	1.3	3.2	22	36	30	6.7	4.8
MIN	1.1	1.0	.80	.70	.60	.70	.95	1.8	23	5.2	4.0	2.7
AC-FT	83	70	62	61	46	56	95	674	1840	1310	276	210

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1997, BY WATER YEAR (WY)

MEAN	1.85	1.50	1.07	.91	.81	.87	1.41	8.41	29.8	22.8	6.37	3.35
MAX	3.05	2.23	1.55	1.18	1.04	.91	1.60	11.0	34.4	27.7	11.1	5.18
(WY)	1996	1996	1996	1996	1996	1996	1997	1997	1995	1995	1995	1995
MIN	1.15	1.09	.65	.57	.55	.78	1.07	3.41	24.1	19.5	3.55	1.35
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1995 - 1997	
ANNUAL TOTAL	2065.54		2410.58			
ANNUAL MEAN	5.64		6.60		6.62	
HIGHEST ANNUAL MEAN					7.33	1995
LOWEST ANNUAL MEAN					5.92	1996
HIGHEST DAILY MEAN	29	Jun 15	[a]36	Jun 9	78	Jun 20 1995
LOWEST DAILY MEAN	[e,b].80	Dec 17	[e].60	Feb 25	[c].46	Feb 12 1995
ANNUAL SEVEN-DAY MINIMUM	.84	Mar 13	.69	Feb 23	.48	Feb 11 1995
INSTANTANEOUS PEAK FLOW			[d]39	Jun 7	97	Jun 19 1995
INSTANTANEOUS PEAK STAGE			[d]1.46	Jun 7	1.97	Jun 19 1995
ANNUAL RUNOFF (AC-FT)	4100		4780		4790	
10 PERCENT EXCEEDS	21		24		23	
50 PERCENT EXCEEDS	1.3		1.4		1.4	
90 PERCENT EXCEEDS	.97		.81		.70	

e-Estimated.
a-Also occurred Jun 10-11, and 13-14.
b-Also occurred Dec 18.
c-Also occurred Feb 13, 1995.
d-Also occurred Jun 8, and 13-14.

Table 9. Daily mean water discharge for site GC11

06705500 GENEVA CREEK AT GRANT, CO

LOCATION.--Lat 39°28'20", long 105°40'54" (revised), in NE¼NE¼ sec.5, T.7 S., R.74 W., Park County, Hydrologic Unit 10190002, on right bank 0.2 mi downstream from Geneva Creek Campground, and 1.5 mi upstream from Grant.

DRAINAGE AREA.--74.6 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1908 to March 1918, published in Water Supply Paper 1310. Prior to 1911, published as "at Sullivan's Ranch, near Grant.". October 1994 to current year.

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 8,760 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Natural flow may be affected at times by Duck Lake.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	38	25	e20	e14	e13	e13	e16	22	144	179	56	23
2	37	e21	e21	e14	e13	e13	e18	28	146	170	57	22
3	35	e17	e28	e14	e13	e13	e18	32	161	164	60	22
4	37	e20	e23	e14	e13	e13	e16	39	182	165	53	21
5	35	e20	e17	e14	e12	e13	e15	47	210	169	44	21
6	36	e20	e18	e13	e12	e13	e16	53	242	160	37	28
7	36	e21	e19	e14	e11	e13	e17	58	235	149	37	29
8	36	e21	e22	e14	e12	e13	e20	70	242	140	38	24
9	34	e22	e28	e13	e11	e13	e22	84	257	134	36	22
10	33	e21	e27	e13	e11	e13	e24	93	269	143	33	23
11	33	e20	e26	e12	e11	e12	25	103	263	123	31	22
12	32	e24	e24	e12	e11	e12	20	133	262	117	30	25
13	34	e24	e17	e12	e12	e12	19	147	255	111	28	29
14	31	23	e18	e12	e12	e12	17	157	254	104	28	26
15	31	22	e20	e13	e12	e12	17	169	266	99	28	28
16	31	22	e25	e13	e11	e12	20	210	258	96	27	25
17	29	22	e21	e13	e12	e12	22	238	245	96	27	24
18	28	21	e16	e11	e12	e12	21	236	241	113	27	25
19	27	21	e12	e12	e11	e11	18	257	231	110	27	28
20	26	21	e13	e12	e12	e12	17	238	230	101	27	28
21	27	21	e14	e12	e12	e13	16	197	243	94	28	27
22	27	20	e14	e12	e12	e14	16	215	282	89	34	28
23	e21	20	e14	e12	e11	e14	17	225	243	85	34	29
24	e25	20	e15	e12	e10	e13	26	202	223	81	33	38
25	e26	20	e14	e12	e11	e14	30	191	212	79	28	35
26	26	20	e13	e12	e12	e14	26	178	204	75	26	33
27	26	18	e13	e13	e11	e14	27	160	213	71	27	29
28	25	e16	e14	e13	e12	e12	21	156	204	69	31	30
29	26	e18	e14	e13	e12	e13	21	161	193	72	29	32
30	25	e20	e15	e13	---	e16	20	158	184	66	26	31
31	25	---	e14	e13	---	e15	---	147	---	61	24	---
TOTAL	938	621	569	396	340	401	598	4404	6794	3485	1051	807
MEAN	30.3	20.7	18.4	12.8	11.7	12.9	19.9	142	226	112	33.9	26.9
MAX	38	25	28	14	13	16	30	257	282	179	60	38
MIN	21	16	12	11	10	11	15	22	144	61	24	21
AC-FT	1860	1230	1130	785	674	795	1190	8740	13480	6910	2080	1600

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1996, BY WATER YEAR (WY)

MEAN	25.0	18.1	15.8	11.2	10.2	12.1	16.2	88.6	310	210	71.0	38.2
MAX	30.3	20.7	18.4	12.8	11.7	12.9	19.9	142	394	307	108	49.6
(WY)	1996	1996	1996	1996	1996	1996	1996	1996	1995	1995	1995	1995
MIN	19.6	15.5	13.3	9.65	8.53	11.3	12.5	35.1	226	112	33.9	26.9
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1995 CALENDAR YEAR		FOR 1996 WATER YEAR		WATER YEARS 1995 - 1996	
ANNUAL TOTAL	30641.6		20404			
ANNUAL MEAN	83.9		55.7		69.0	
HIGHEST ANNUAL MEAN					82.2	1995
LOWEST ANNUAL MEAN					55.7	1996
HIGHEST DAILY MEAN	a746	Jun 17	282	Jun 22	a746	Jun 17 1995
LOWEST DAILY MEAN	e,b7.4	Jan 30	e10	Feb 24	e,b7.4	Jan 30 1995
ANNUAL SEVEN-DAY MINIMUM	7.7	Jan 27	11	Feb 6	7.7	Jan 27 1995
INSTANTANEOUS PEAK FLOW			357	Jun 15	1070	Jun 17 1995
INSTANTANEOUS PEAK STAGE			5.95	Jun 15	7.24	Jun 17 1995
ANNUAL RUNOFF (AC-FT)	60780		40470		49950	
10 PERCENT EXCEEDS	296		183		204	
50 PERCENT EXCEEDS	22		24		21	
90 PERCENT EXCEEDS	9.0		12		11	

e-Estimated.
a-Also occurred Jun 18, 1995.
b-Also occurred Feb 7, 12-13, 1995.

Table 9. Daily mean water discharge for site GC11--Continued

06705500 GENEVA CREEK AT GRANT, CO

LOCATION.--Lat 39°28'20", long 105°40'54", in NE¼NE¼ sec.5, T.7 S., R.74 W., Park County, Hydrologic Unit 10190002, on right bank 0.2 mi downstream from Geneva Creek Campground, and 1.5 mi upstream from Grant.

DRAINAGE AREA.--74.6 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--July 1908 to March 1918, published in Water Supply Paper 1310. Prior to 1911, published as "at Sullivan's Ranch, near Grant." October 1994 to September 1997 (discontinued).

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 8,760 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. Natural flow may be affected at times by Duck Lake.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	29	22	e19	e18	e12	e12	18	24	273	202	104	51
2	28	22	e19	e18	e12	e13	e16	23	306	188	103	51
3	27	22	e19	e19	e12	e14	e21	23	313	180	93	51
4	27	22	e19	e18	e12	e13	19	27	346	173	110	53
5	26	22	e18	e17	e12	e13	16	36	371	167	112	47
6	25	21	e18	e16	e12	e14	e19	42	340	155	112	45
7	25	23	e18	e16	e12	e15	e22	51	438	150	126	44
8	24	32	e18	e16	e12	e15	e16	57	430	156	109	41
9	24	30	e19	e16	e12	e15	e16	65	389	146	110	40
10	24	26	e20	e15	e12	e15	e14	79	347	140	162	40
11	24	25	e20	e14	e12	e16	e14	93	340	148	132	40
12	24	23	e20	e14	e12	e17	e14	88	323	140	119	39
13	24	20	e19	e14	e12	e16	e14	93	353	132	110	37
14	24	20	e18	e13	e12	e16	e14	106	354	127	102	36
15	23	20	e18	e13	e12	e16	e14	122	332	124	92	36
16	24	e18	e18	e13	e13	e18	e16	152	324	122	85	37
17	22	e18	e17	e12	e13	e19	23	185	326	120	82	35
18	25	e18	e17	e12	e13	e18	28	196	341	123	85	34
19	27	e18	e17	e12	e12	e18	32	205	385	123	75	34
20	26	17	e17	e13	e12	e18	37	197	391	117	70	41
21	e20	17	e16	e12	e11	e19	42	185	349	111	68	39
22	29	18	e16	e12	e11	18	31	209	334	108	65	40
23	27	20	e16	e12	e11	20	29	195	326	103	60	37
24	23	19	e16	e12	e12	19	26	210	305	103	60	35
25	23	e21	e16	e12	e12	e17	25	194	270	100	67	33
26	22	e20	e16	e12	e12	e17	23	185	258	96	65	33
27	23	e20	e16	e12	e13	19	25	163	249	100	63	32
28	23	e20	e17	e12	e12	18	29	156	228	114	66	31
29	22	e20	e17	e12	---	18	27	171	219	99	56	30
30	23	e20	e17	e12	---	17	25	185	209	113	54	29
31	22	---	e17	e13	---	18	---	222	---	106	52	---
TOTAL	759	634	548	432	337	511	665	3939	9769	4086	2769	1171
MEAN	24.5	21.1	17.7	13.9	12.0	16.5	22.2	127	326	132	89.3	39.0
MAX	29	32	20	19	13	20	42	222	438	202	162	53
MIN	20	17	16	12	11	12	14	23	209	96	52	29
AC-FT	1510	1260	1090	857	668	1010	1320	7810	19380	8100	5490	2320

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 1997, BY WATER YEAR (WY)

MEAN	24.8	19.1	16.5	12.1	10.8	13.6	18.2	101	315	184	77.1	38.5
MAX	30.3	21.1	18.4	13.9	12.0	16.5	22.2	142	394	307	108	49.6
(WY)	1996	1997	1996	1997	1997	1997	1997	1996	1995	1995	1995	1995
MIN	19.6	15.5	13.3	9.65	8.53	11.3	12.5	35.1	226	112	33.9	26.9
(WY)	1995	1995	1995	1995	1995	1995	1995	1995	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1996 CALENDAR YEAR		FOR 1997 WATER YEAR		WATER YEARS 1995 - 1997	
ANNUAL TOTAL	20217		25620			
ANNUAL MEAN	55.2		70.2		69.4	
HIGHEST ANNUAL MEAN					82.2	1995
LOWEST ANNUAL MEAN					55.7	1996
HIGHEST DAILY MEAN	282	Jun 22	438	Jun 7	[a]746	Jun 17 1995
LOWEST DAILY MEAN	[e]10	Feb 24	[e,b]11	Feb 21	[e,c]7.4	Jan 30 1995
ANNUAL SEVEN-DAY MINIMUM	11	Feb 6	12	Feb 19	7.7	Jan 27 1995
INSTANTANEOUS PEAK FLOW			547	Jun 8	1070	Jun 17 1995
INSTANTANEOUS PEAK STAGE			6.39	Jun 8	7.24	Jun 17 1995
ANNUAL RUNOFF (AC-FT)	40100		50820		50250	
10 PERCENT EXCEEDS	183		196		202	
50 PERCENT EXCEEDS	23		24		22	
90 PERCENT EXCEEDS	12		12		12	

e-Estimated.
a-Also occurred Jun 18, 1995.
b-Also occurred Feb 22-23.
c-Also occurred Feb 7, 12-13, 1995.

Table 10. Daily mean water discharge at site DC1

393040105340400 DEER CREEK NEAR BAILEY, CO

LOCATION.--Lat 39°30'40", long 105°34'04", in SW¼NW¼, sec.21, T.6 S., R.73 W., Park County, Hydrologic Unit 10190002, on left bank 200 ft upstream from Deer Creek Trailhead parking lot, and 13 mi northwest of Bailey.

DRAINAGE AREA.--13.4 mi^2

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February to September 1996.

GAGE.--Water-stage recorder. Elevation of gage is 9,280 ft above sea level, from topographic map.

REMARKS.--Records good except for estimated daily discharges, which are poor. No known regulation or diversion.

EXTREMES FOR CURRENT YEAR.--Maximum discharge during period February to September, 44 ft^3/s, June 15, 1996 at 1700, gage height, 1.17 ft; minimum daily 2.5 ft^3/s, Feb. 8.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	e2.9	e3.1	e3.6	e5.0	19	24	11	6.1
2	---	---	---	---	e2.6	e3.0	e3.9	e6.0	20	23	11	5.9
3	---	---	---	---	e2.8	e3.0	e4.0	8.0	22	23	11	5.8
4	---	---	---	---	e2.8	e2.9	e4.2	9.4	24	22	10	5.6
5	---	---	---	---	e3.0	e2.9	e4.6	11	26	21	9.7	5.4
6	---	---	---	---	e2.7	e2.9	e4.5	11	27	20	9.3	7.7
7	---	---	---	---	e2.6	e2.9	e4.6	12	27	19	9.5	6.8
8	---	---	---	---	e2.5	e2.9	e4.7	14	28	19	9.2	5.8
9	---	---	---	---	e2.6	e3.0	e4.9	13	28	20	9.0	5.6
10	---	---	---	---	e2.6	e3.0	e5.2	13	28	21	8.6	5.5
11	---	---	---	---	e2.6	e3.0	e5.6	15	28	17	8.3	5.4
12	---	---	---	---	e2.6	e3.0	e6.4	17	28	16	7.9	6.9
13	---	---	---	---	e2.6	e3.0	e6.0	19	29	15	7.8	6.6
14	---	---	---	---	e2.6	e3.1	e5.4	20	28	14	7.9	6.3
15	---	---	---	---	e2.6	e3.0	e5.2	22	31	14	7.7	8.0
16	---	---	---	---	e2.6	e3.2	e5.0	e25	30	14	7.6	6.1
17	---	---	---	---	e2.6	e3.0	e4.9	e28	29	14	7.4	5.7
18	---	---	---	---	e2.8	e2.9	e4.8	29	29	18	7.1	5.9
19	---	---	---	---	e2.7	e2.9	e4.5	31	28	17	7.5	6.0
20	---	---	---	---	e2.7	e3.0	e4.3	29	28	14	7.2	5.9
21	---	---	---	---	e2.8	e3.0	e4.1	26	28	13	8.4	5.7
22	---	---	---	---	e2.7	e3.1	e4.0	29	31	12	8.9	5.5
23	---	---	---	---	e2.8	e3.2	e3.8	29	29	13	9.7	5.8
24	---	---	---	---	e2.8	e3.3	e4.0	26	28	14	8.0	7.0
25	---	---	---	---	e2.9	e3.0	e4.5	27	27	14	7.2	6.1
26	---	---	---	---	e2.9	e3.0	e4.7	24	27	14	6.9	5.9
27	---	---	---	---	e2.9	e3.0	e5.4	23	26	13	7.5	5.9
28	---	---	---	---	e3.0	e3.2	e5.2	22	26	13	8.6	6.4
29	---	---	---	---	e3.0	e3.4	e5.2	22	25	14	7.7	6.4
30	---	---	---	---	---	e3.5	e5.2	23	25	13	7.0	5.9
31	---	---	---	---	---	e3.5	---	21	---	12	6.5	---
TOTAL	---	---	---	---	79.3	94.9	142.4	609.4	809	510	261.1	183.6
MEAN	---	---	---	---	2.73	3.06	4.75	19.7	27.0	16.5	8.42	6.12
MAX	---	---	---	---	3.0	3.5	6.4	31	31	24	11	8.0
MIN	---	---	---	---	2.5	2.9	3.6	5.0	19	12	6.5	5.4
AC-FT	---	---	---	---	157	188	282	1210	1600	1010	518	364

e-Estimated.

Table 10. Daily mean water discharge for site DC1--Continued

393040105340400 DEER CREEK NEAR BAILEY, CO

LOCATION.--Lat 39°30'40", long 105°34'04", in SW¼NW¼, sec.21, T.6 S., R.73 W., Park County, Hydrologic Unit 10190002, on left bank 200 ft upstream from Deer Creek Trailhead parking lot, and 13 mi northwest of Bailey.

DRAINAGE AREA.--13.4 mi^2.

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--February 1996 to September 1997 (discontinued).

GAGE.--Water-stage recorder with satellite telemetry. Elevation of gage is 9,280 ft above sea level, from topographic map.

REMARKS.--Records poor. No known regulation or diversion.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.5	e4.6	e4.5	e5.0	e4.5	e2.4	e6.0	e5.0	63	83	14	12
2	5.4	e4.6	e4.5	e5.0	e4.5	e2.5	e5.0	e5.2	68	81	13	12
3	5.4	e4.6	e4.5	e6.0	e4.0	e2.6	e6.0	5.5	67	78	10	13
4	5.3	e4.7	e4.5	e6.0	e4.0	e2.7	e6.0	6.6	103	83	10	12
5	5.1	e4.7	e4.0	e5.0	e3.5	e2.8	e5.0	8.1	102	81	12	12
6	5.0	e4.7	e4.0	e4.5	e3.0	e3.0	e4.5	9.0	81	80	15	12
7	5.0	e4.7	e4.0	e4.0	e3.0	e3.0	e4.5	10	83	76	18	12
8	4.8	e4.5	e4.0	e4.0	e2.5	e3.0	e5.0	10	81	67	18	12
9	4.7	e4.5	e4.0	e4.0	e2.5	e3.0	e5.0	12	95	63	21	11
10	4.7	e5.0	e4.0	e4.0	e2.5	e3.0	e5.0	16	90	e58	25	12
11	4.7	e5.0	e4.5	e3.5	e2.5	e3.0	e5.0	17	66	e52	17	12
12	4.6	e5.0	e5.0	e3.0	e2.5	e3.0	e5.0	14	62	e49	17	11
13	4.6	e4.5	e5.0	e3.0	e2.5	e3.0	e5.0	16	59	e45	17	11
14	4.6	e4.5	e5.0	e3.0	e2.5	e3.0	e5.0	17	61	e42	e15	11
15	4.6	e4.0	e4.0	e3.5	e2.5	e3.0	e5.0	20	67	e40	e16	10
16	e4.6	e4.0	e3.5	e3.5	e2.5	e3.0	e5.0	27	71	e37	15	10
17	e4.5	e4.0	e3.0	e3.5	e2.6	e3.0	e5.0	34	87	e34	15	9.7
18	5.8	e4.0	e3.0	e3.5	e2.7	e3.0	e5.0	36	96	e31	15	9.6
19	5.1	e4.0	e3.0	e3.5	e2.8	e3.1	e5.0	36	98	e29	14	9.4
20	4.7	e4.0	e3.0	e4.0	e2.8	e3.2	e6.0	34	92	e26	e14	8.8
21	3.5	e4.0	e3.5	e4.0	e2.5	e3.3	e7.0	32	89	e24	e12	8.5
22	3.7	e4.0	e4.0	e3.5	e2.5	3.4	e6.0	39	82	e22	11	8.2
23	3.7	e4.0	e4.0	e3.5	e2.5	3.7	e6.0	35	82	e20	11	8.1
24	e4.0	e4.0	e4.0	e3.5	e2.5	e4.0	e5.0	39	82	e19	11	7.9
25	e4.2	e4.0	e4.0	e3.5	e2.5	e4.0	e4.5	37	80	e18	12	8.0
26	e4.2	e4.0	e4.0	e3.5	e2.5	e4.0	e4.6	36	78	e17	13	8.0
27	e4.3	e4.0	e4.0	e3.5	e2.5	e4.0	e4.7	34	82	16	13	7.6
28	e4.4	e4.5	e4.5	e3.5	e2.5	e4.5	e4.9	35	79	20	11	7.3
29	e4.5	e5.0	e5.0	e3.5	---	e5.0	e5.2	38	82	21	10	7.6
30	e4.6	e5.0	e5.0	e3.5	---	e5.0	e5.0	40	80	16	11	7.5
31	e4.6	---	e5.0	e4.0	---	e6.0	---	54	---	14	11	---
TOTAL	144.4	132.1	128.0	121.0	79.9	105.2	155.9	757.4	2408	1342	437	301.2
MEAN	4.66	4.40	4.13	3.90	2.85	3.39	5.20	24.4	80.3	43.3	14.1	10.0
MAX	5.8	5.0	5.0	6.0	4.5	6.0	7.0	54	103	83	25	13
MIN	3.5	4.0	3.0	3.0	2.5	2.4	4.5	5.0	59	14	10	7.3
AC-FT	286	262	254	240	158	209	309	1500	4780	2660	867	597

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1996 - 1997, BY WATER YEAR (WY)

MEAN	4.66	4.40	4.13	3.90	2.79	3.23	4.97	22.0	53.6	29.9	11.3	8.08
MAX	4.66	4.40	4.13	3.90	2.85	3.39	5.20	24.4	80.3	43.3	14.1	10.0
(WY)	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997	1997
MIN	4.66	4.40	4.13	3.90	2.73	3.06	4.75	19.7	27.0	16.5	8.42	6.12
(WY)	1997	1997	1997	1997	1996	1996	1996	1996	1996	1996	1996	1996

SUMMARY STATISTICS	FOR 1997 WATER YEAR		WATER YEARS 1996 - 1997	
ANNUAL TOTAL	6112.1			
ANNUAL MEAN	16.7		16.7	
HIGHEST ANNUAL MEAN			16.7	1997
LOWEST ANNUAL MEAN			16.7	1997
HIGHEST DAILY MEAN	103	Jun 4	103	Jun 4 1997
LOWEST DAILY MEAN	e2.4	Mar 1	e2.4	Mar 1 1997
ANNUAL SEVEN-DAY MINIMUM	2.5	Feb 23	2.5	Feb 23 1997
INSTANTANEOUS PEAK FLOW	136	Jun 4	136	Jun 4 1997
INSTANTANEOUS PEAK STAGE	1.41	Jun 4	1.41	Jun 4 1997
ANNUAL RUNOFF (AC-FT)	12120		12130	
10 PERCENT EXCEEDS	62		34	
50 PERCENT EXCEEDS	5.0		5.8	
90 PERCENT EXCEEDS	3.0		3.0	

e-Estimated.

Table 11. Daily maximum, minimum, and mean specific conductance for site CC2

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1996 to September 1996 (seasonal record).

INSTRUMENTATION.--Water-quality monitor since June 1996.

REMARKS.--Water temperature and specific conductance records are good.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 244 microsiemens, Aug. 21; minimum, 42 microsiemens June 5.
WATER TEMPERATURE: Maximum, 14.5°C, July 21; minimum, 0.0°C, on several days in September.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 11. Daily maximum, minimum, and mean specific conductance for site CC2--Continued

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
		JUNE			JULY			AUGUST			SEPTEMBER	
1	56	48	53	96	88	92	125	106	114	160	146	152
2	57	47	52	98	91	94	124	113	118	159	150	155
3	56	44	51	96	93	94	122	107	113	161	148	155
4	55	46	52	99	69	87	123	110	115	162	151	157
5	57	42	51	91	74	84	131	112	120	163	152	158
6	53	45	49	96	88	92	134	117	125	---	---	---
7	55	46	51	100	90	95	132	118	122	---	---	---
8	58	49	53	99	94	96	121	116	118	143	133	137
9	60	51	56	101	94	96	133	118	123	144	139	142
10	61	54	58	101	87	92	139	124	130	145	137	141
11	64	57	60	104	93	98	144	126	134	146	140	143
12	65	59	62	103	98	101	150	130	139	146	107	138
13	66	60	63	105	97	101	149	136	143	128	107	120
14	68	61	65	109	100	104	148	136	140	131	117	125
15	68	48	61	109	101	105	148	134	138	119	109	113
16	68	53	64	109	101	104	150	136	142	126	112	119
17	74	67	70	114	104	109	150	139	143	126	116	124
18	78	71	75	112	89	102	154	136	142	121	96	115
19	81	76	79	105	93	99	154	143	148	112	92	103
20	84	79	81	110	99	103	150	140	144	109	99	104
21	84	68	80	115	103	108	244	96	133	110	97	103
22	72	66	69	117	106	111	130	108	123	107	98	102
23	83	72	77	120	107	113	133	101	121	106	97	103
24	86	80	82	117	109	113	136	113	124	102	85	93
25	89	82	85	116	109	112	144	129	135	98	87	93
26	91	78	86	114	105	111	144	138	140	96	88	90
27	86	78	82	116	107	111	159	118	136	111	85	97
28	87	79	83	115	106	110	134	119	128	103	73	92
29	89	80	84	109	95	101	142	126	133	87	74	80
30	93	86	89	116	102	107	147	137	141	91	77	84
31	---	---	---	115	108	111	155	140	146	---	---	---
MONTH	93	42	67	120	69	102	244	96	131	---	---	---

Table 11. Daily maximum, minimum, and mean specific conductance for site CC2--Continued

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--June 1996 to September 1997 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: June 1996 to September 1997 (discontinued).
WATER TEMPERATURE: June 1996 to September 1997 (discontinued).

INSTRUMENTATION.--Water-quality monitor with satellite telemetry since June 1996.

REMARKS.--Water temperature and specific conductance records are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 244 microsiemens, August 21, 1996; minimum 28 microsiemens, May 17, 1997.
WATER TEMPERATURE: Maximum 14.7°C, July 24, 1997; minimum 0.0°C, many days during winter months.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 125 microsiemens, Oct. 16 and 22; minimum, 28 microsiemens May 17.
WATER TEMPERATURE: Maximum, 14.7°C, July 24; minimum, 0.0°C, on several days in Oct., Nov., and May.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	94	88	91	97	94	95	---	---	---	---	---	---
2	101	93	97	97	91	95	---	---	---	---	---	---
3	103	99	101	96	90	94	---	---	---	---	---	---
4	104	101	103	93	86	91	---	---	---	---	---	---
5	106	102	104	92	90	91	---	---	---	---	---	---
6	107	103	105	94	90	92	---	---	---	---	---	---
7	110	105	108	95	92	94	---	---	---	---	---	---
8	113	109	111	---	---	---	---	---	---	---	---	---
9	114	111	112	---	---	---	---	---	---	---	---	---
10	115	112	113	---	---	---	---	---	---	---	---	---
11	116	113	114	---	---	---	---	---	---	---	---	---
12	117	113	114	---	---	---	---	---	---	---	---	---
13	116	111	114	---	---	---	---	---	---	---	---	---
14	115	112	113	---	---	---	---	---	---	---	---	---
15	123	99	113	---	---	---	---	---	---	---	---	---
16	125	96	112	---	---	---	---	---	---	---	---	---
17	114	103	109	---	---	---	---	---	---	---	---	---
18	120	93	108	---	---	---	---	---	---	---	---	---
19	103	92	97	---	---	---	---	---	---	---	---	---
20	110	94	99	---	---	---	---	---	---	---	---	---
21	121	99	109	---	---	---	---	---	---	---	---	---
22	125	96	111	---	---	---	---	---	---	---	---	---
23	104	94	99	---	---	---	---	---	---	---	---	---
24	107	96	101	---	---	---	---	---	---	---	---	---
25	105	99	103	---	---	---	---	---	---	---	---	---
26	102	98	100	---	---	---	---	---	---	---	---	---
27	100	94	98	---	---	---	---	---	---	---	---	---
28	100	93	98	---	---	---	---	---	---	---	---	---
29	102	94	98	---	---	---	---	---	---	---	---	---
30	102	92	97	---	---	---	---	---	---	---	---	---
31	102	94	97	---	---	---	---	---	---	---	---	---
MONTH	125	88	105	---	---	---	---	---	---	---	---	---

Table 11. Daily maximum, minimum, and mean specific conductance for site CC2--Continued

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	80	77	79
2	---	---	---	---	---	---	---	---	---	82	80	81
3	---	---	---	---	---	---	---	---	---	83	82	82
4	---	---	---	---	---	---	---	---	---	85	75	82
5	---	---	---	---	---	---	---	---	---	77	69	74
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	65	57	62
9	---	---	---	---	---	---	---	---	---	61	54	58
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	55	41	51
14	---	---	---	---	---	---	---	---	---	50	40	48
15	---	---	---	---	---	---	---	---	---	52	39	48
16	---	---	---	---	---	---	---	---	---	48	38	44
17	---	---	---	---	---	---	---	---	---	41	28	37
18	---	---	---	---	---	---	---	---	---	43	36	39
19	---	---	---	---	---	---	---	---	---	44	34	40
20	---	---	---	---	---	---	---	---	---	42	36	40
21	---	---	---	---	---	---	---	---	---	45	39	43
22	---	---	---	---	---	---	---	---	---	46	41	43
23	---	---	---	---	---	---	---	---	---	50	39	45
24	---	---	---	---	---	---	---	---	---	45	39	43
25	---	---	---	---	---	---	---	---	---	46	42	44
26	---	---	---	---	---	---	---	---	---	49	43	47
27	---	---	---	---	---	---	---	---	---	55	49	52
28	---	---	---	---	---	---	---	---	---	60	51	56
29	---	---	---	---	---	---	77	75	76	61	47	56
30	---	---	---	---	---	---	78	75	77	52	40	47
31	---	---	---	---	---	---	---	---	---	52	35	45
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
		JUNE			JULY			AUGUST			SEPTEMBER	
1	50	40	45	86	82	84	84	77	81	85	79	82
2	53	42	48	90	81	85	87	77	83	84	79	81
3	55	46	50	92	84	88	92	72	86	102	70	81
4	56	44	51	91	86	88	84	73	81	87	76	82
5	56	47	53	91	86	89	85	76	80	87	69	83
6	59	48	56	93	87	90	78	64	69	86	79	83
7	54	43	48	95	84	90	70	59	65	85	63	78
8	55	46	50	88	86	87	81	63	72	87	43	69
9	55	49	53	91	86	88	81	65	77	73	46	60
10	59	54	57	93	88	90	66	52	57	100	47	74
11	60	56	58	91	87	88	73	60	67	99	95	97
12	63	58	61	95	87	90	75	68	72	104	96	99
13	62	50	57	101	91	96	80	72	76	106	98	102
14	57	52	55	104	93	98	82	77	79	107	100	104
15	64	56	60	106	96	101	88	79	83	107	101	104
16	66	60	64	104	98	100	87	80	84	103	99	101
17	67	60	63	101	97	98	88	76	84	107	102	104
18	69	63	65	99	79	94	87	78	83	106	101	104
19	71	63	66	95	74	91	85	75	80	106	97	104
20	71	63	68	94	76	88	88	71	82	100	81	86
21	74	68	71	93	87	90	87	77	84	88	74	85
22	75	68	72	94	77	89	88	84	86	81	74	78
23	74	66	70	97	88	91	88	77	85	85	81	83
24	74	66	71	95	90	92	92	77	84	90	81	86
25	79	73	76	98	92	94	85	76	81	94	88	91
26	82	76	79	108	91	94	84	79	82	94	90	92
27	83	78	80	94	78	88	86	78	82	96	90	93
28	83	79	81	89	64	81	86	77	81	98	93	95
29	85	79	82	88	72	81	88	82	84	99	95	97
30	88	80	84	85	60	74	86	82	84	100	95	98
31	---	---	---	85	74	82	84	82	82	---	---	---
MONTH	88	40	63	108	60	90	92	52	79	107	43	89

Table 12. Daily maximum, minimum, and mean specific conductance for site CC5

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, COLO.

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1995 to current year (seasonal record).

INSTRUMENTATION.--Water-quality monitor since May 1995.

REMARKS.--Water temperature and specific conductance records are fair.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 99 microsiemens, April 22; minimum, 44 microsiemens Oct. 23-24.
WATER TEMPERATURE: Maximum, 14.4°C, Aug. and 12; minimum, 0.0°C, on many days during Oct., Nov., April, May, and Sept. 27.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	74	72	72	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	71	67	69	---	---	---	---	---	---	---	---	---
5	70	69	70	---	---	---	---	---	---	---	---	---
6	72	54	64	---	---	---	---	---	---	---	---	---
7	71	69	70	---	---	---	---	---	---	---	---	---
8	72	70	71	---	---	---	---	---	---	---	---	---
9	72	70	71	---	---	---	---	---	---	---	---	---
10	75	71	72	---	---	---	---	---	---	---	---	---
11	73	71	72	---	---	---	---	---	---	---	---	---
12	73	71	72	---	---	---	---	---	---	---	---	---
13	73	71	72	---	---	---	---	---	---	---	---	---
14	73	72	72	---	---	---	---	---	---	---	---	---
15	74	71	72	---	---	---	---	---	---	---	---	---
16	74	72	73	---	---	---	---	---	---	---	---	---
17	74	72	73	---	---	---	---	---	---	---	---	---
18	75	73	74	---	---	---	---	---	---	---	---	---
19	74	72	74	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	75	70	73	---	---	---	---	---	---	---	---	---
22	74	68	72	---	---	---	---	---	---	---	---	---
23	76	44	67	---	---	---	---	---	---	---	---	---
24	73	44	58	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	75	73	74	---	---	---	---	---	---	---	---	---
29	75	73	74	---	---	---	---	---	---	---	---	---
30	75	74	74	---	---	---	---	---	---	---	---	---
31	75	74	75	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 12. Daily maximum, minimum, and mean specific conductance for site CC5--Continued

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	97	91	94
2	---	---	---	---	---	---	---	---	---	96	88	92
3	---	---	---	---	---	---	---	---	---	95	84	90
4	---	---	---	---	---	---	---	---	---	92	82	88
5	---	---	---	---	---	---	---	---	---	90	80	85
6	---	---	---	---	---	---	---	---	---	87	79	83
7	---	---	---	---	---	---	---	---	---	84	77	81
8	---	---	---	---	---	---	---	---	---	82	75	79
9	---	---	---	---	---	---	---	---	---	77	71	75
10	---	---	---	---	---	---	---	---	---	76	71	73
11	---	---	---	---	---	---	---	---	---	77	67	73
12	---	---	---	---	---	---	---	---	---	71	61	66
13	---	---	---	---	---	---	---	---	---	74	60	63
14	---	---	---	---	---	---	---	---	---	67	59	63
15	---	---	---	---	---	---	---	---	---	66	54	61
16	---	---	---	---	---	---	---	---	---	61	49	55
17	---	---	---	---	---	---	---	---	---	58	49	54
18	---	---	---	---	---	---	---	---	---	60	49	55
19	---	---	---	---	---	---	94	87	90	59	47	53
20	---	---	---	---	---	---	96	88	92	58	49	55
21	---	---	---	---	---	---	94	89	91	63	54	58
22	---	---	---	---	---	---	99	88	91	62	53	58
23	---	---	---	---	---	---	94	85	88	61	54	58
24	---	---	---	---	---	---	92	80	87	63	58	60
25	---	---	---	---	---	---	95	84	90	64	59	63
26	---	---	---	---	---	---	96	90	93	67	63	65
27	---	---	---	---	---	---	95	91	93	70	67	69
28	---	---	---	---	---	---	97	80	91	73	69	70
29	---	---	---	---	---	---	---	---	---	75	64	70
30	---	---	---	---	---	---	96	93	94	70	64	68
31	---	---	---	---	---	---	---	---	---	72	67	69
MONTH	---	---	---	---	---	---	---	---	---	97	47	69

		JUNE			JULY			AUGUST			SEPTEMBER	
1	72	67	69	54	52	52	59	55	55	67	65	66
2	72	65	69	---	---	---	56	55	55	67	66	67
3	71	63	67	---	---	---	56	55	56	68	66	67
4	68	63	66	---	---	---	56	55	56	68	66	67
5	68	59	64	---	---	---	57	55	56	68	67	67
6	64	59	61	---	---	---	57	55	56	73	65	69
7	64	59	62	---	---	---	58	56	56	71	69	70
8	64	60	62	---	---	---	58	56	57	71	68	69
9	64	60	62	52	51	52	58	57	57	70	69	70
10	63	60	61	53	51	52	58	57	57	71	69	70
11	64	60	62	52	51	52	59	57	58	71	70	70
12	63	60	62	53	52	52	59	57	58	71	69	70
13	63	61	62	53	52	52	59	58	58	73	70	72
14	62	60	61	53	52	52	59	58	59	72	69	71
15	63	58	61	53	52	52	60	58	59	74	69	73
16	62	58	61	53	52	53	60	58	59	74	72	72
17	62	60	61	53	52	53	60	59	60	72	70	71
18	61	59	60	54	53	53	61	60	60	71	66	70
19	60	58	59	54	53	54	61	60	61	72	67	70
20	60	58	59	54	53	54	62	61	61	72	69	70
21	58	56	58	55	53	54	67	61	63	72	70	71
22	57	55	56	54	53	54	65	63	63	72	71	71
23	56	55	56	55	54	54	65	63	63	71	70	71
24	56	55	55	55	54	54	65	63	64	74	70	72
25	55	54	55	55	54	55	65	64	64	73	71	71
26	55	54	54	55	54	54	65	64	64	71	68	69
27	55	53	54	54	54	54	66	64	64	71	65	69
28	54	53	53	55	54	54	66	65	65	71	69	70
29	54	53	53	57	54	55	67	65	66	71	69	70
30	54	53	53	56	55	55	67	65	66	72	69	70
31	---	---	---	55	54	55	67	65	66	---	---	---
MONTH	72	53	60	---	---	---	67	55	60	74	65	70

Table 12. Daily maximum, minimum, and mean specific conductance for site CC5--Continued

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1995 to September 1997 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1995 to September 1997 (discontinued).
WATER TEMPERATURE: May 1995 to September 1997 (discontinued).

INSTRUMENTATION.--Water-quality monitor with satellite telemetry since May 1995.

REMARKS.--Water temperature records are good. Specific conductance records are good, except the period July 8 to Aug. 12, which is fair.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 99 microsiemens, April 22, 1996; minimum 44 microsiemens, Oct. 23-24, 1995.
WATER TEMPERATURE: Maximum 14.4°C, Aug. 1 and 12, 1996; minimum 0.0°C, many days during winter months.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 96 microsiemens, May 2, 3; minimum, 48 microsiemens June 23.
WATER TEMPERATURE: Maximum, 14.3°C, Aug. 28; minimum, 0.10°C, May 1-3.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	72	70	71	---	---	---	---	---	---	---	---	---
2	72	70	71	---	---	---	---	---	---	---	---	---
3	72	69	71	---	---	---	---	---	---	---	---	---
4	72	71	71	---	---	---	---	---	---	---	---	---
5	73	71	72	---	---	---	---	---	---	---	---	---
6	72	70	71	---	---	---	---	---	---	---	---	---
7	72	69	71	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 12. Daily maximum, minimum, and mean specific conductance for site CC5--Continued

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	95	89	90
2	---	---	---	---	---	---	---	---	---	96	88	91
3	---	---	---	---	---	---	---	---	---	96	88	92
4	---	---	---	---	---	---	---	---	---	95	87	90
5	---	---	---	---	---	---	---	---	---	91	85	89
6	---	---	---	---	---	---	---	---	---	89	84	86
7	---	---	---	---	---	---	---	---	---	85	81	84
8	---	---	---	---	---	---	---	---	---	84	79	82
9	---	---	---	---	---	---	---	---	---	82	76	79
10	---	---	---	---	---	---	---	---	---	78	72	75
11	---	---	---	---	---	---	---	---	---	76	71	72
12	---	---	---	---	---	---	---	---	---	76	72	75
13	---	---	---	---	---	---	---	---	---	76	67	73
14	---	---	---	---	---	---	---	---	---	71	66	69
15	---	---	---	---	---	---	---	---	---	71	61	67
16	---	---	---	---	---	---	---	---	---	67	59	63
17	---	---	---	---	---	---	---	---	---	64	53	60
18	---	---	---	---	---	---	---	---	---	60	54	57
19	---	---	---	---	---	---	---	---	---	60	54	57
20	---	---	---	---	---	---	---	---	---	61	55	59
21	---	---	---	---	---	---	---	---	---	64	60	62
22	---	---	---	---	---	---	---	---	---	64	60	62
23	---	---	---	---	---	---	---	---	---	67	59	64
24	---	---	---	---	---	---	---	---	---	65	59	63
25	---	---	---	---	---	---	---	---	---	66	61	64
26	---	---	---	---	---	---	---	---	---	67	62	65
27	---	---	---	---	---	---	---	---	---	69	66	68
28	---	---	---	---	---	---	---	---	---	70	68	69
29	---	---	---	---	---	---	---	---	---	70	63	68
30	---	---	---	---	---	---	---	---	---	67	59	64
31	---	---	---	---	---	---	---	---	---	66	53	61
MONTH	---	---	---	---	---	---	---	---	---	96	53	72

		JUNE			JULY			AUGUST			SEPTEMBER	
1	60	53	57	54	52	53	53	52	53	67	58	61
2	59	52	56	54	52	53	53	52	53	62	60	61
3	59	54	57	54	51	53	55	52	53	69	57	62
4	60	54	57	54	52	53	54	53	53	67	63	64
5	59	54	57	54	52	53	54	53	54	64	62	63
6	61	57	60	54	51	53	54	53	54	64	62	63
7	61	54	58	55	51	53	54	53	54	64	62	63
8	60	55	58	55	51	53	54	53	54	64	63	63
9	62	56	59	55	53	54	55	53	54	64	63	63
10	63	58	61	55	54	54	55	53	54	64	63	64
11	63	59	61	55	54	55	54	53	54	65	63	64
12	62	58	61	56	54	55	55	54	55	65	63	64
13	62	56	59	56	54	55	55	54	55	65	64	64
14	60	55	58	56	54	55	55	54	55	65	64	65
15	60	50	58	55	54	55	55	54	55	66	64	65
16	61	54	58	56	54	55	55	54	55	66	63	66
17	60	55	59	56	55	56	56	55	55	67	65	66
18	60	55	58	56	54	55	57	55	56	---	---	---
19	59	51	56	56	54	55	57	56	56	---	---	---
20	57	51	55	56	54	55	57	56	56	---	---	---
21	56	53	55	55	54	55	57	56	57	---	---	---
22	56	52	55	55	54	55	58	56	57	---	---	---
23	55	48	54	55	54	55	58	57	57	---	---	---
24	55	51	54	55	54	54	59	57	58	---	---	---
25	55	53	54	55	53	54	59	57	58	---	---	---
26	55	52	54	55	53	54	59	57	59	---	---	---
27	54	52	53	55	53	54	60	58	59	---	---	---
28	54	52	53	55	53	54	60	59	59	---	---	---
29	54	52	53	54	52	53	60	59	59	---	---	---
30	54	52	53	54	53	53	60	58	59	---	---	---
31	---	---	---	54	52	53	61	59	60	---	---	---
MONTH	63	48	57	56	51	54	61	52	56	---	---	---

Table 13. Daily maximum, minimum, and mean specific conductance for site CC7

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1995 to current year.

INSTRUMENTATION.--Water-quality monitor since May 1995.

REMARKS.--Water temperature records are good and specific-conductance records are fair.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 117 microsiemens, Aug 3; minimum, 66 microsiemens June 22.
WATER TEMPERATURE: Maximum, 13.9°C, July 24; minimum, 0.1°C, on Feb 23.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	89	88	88	97	93	94	97	97	97	98	97	97
2	---	---	---	99	97	98	97	97	97	98	97	97
3	---	---	---	100	99	99	97	97	97	98	97	98
4	---	---	---	100	99	100	97	96	97	98	97	98
5	---	---	---	100	100	100	98	96	97	98	98	98
6	---	---	---	100	99	100	98	96	97	99	98	98
7	---	---	---	100	100	100	98	96	97	99	98	99
8	---	---	---	100	98	100	97	97	97	99	99	99
9	---	---	---	98	96	97	97	97	97	100	99	100
10	---	---	---	97	95	96	98	97	97	100	99	100
11	---	---	---	97	96	97	98	97	98	100	99	100
12	---	---	---	97	96	97	98	97	98	101	100	100
13	---	---	---	97	96	97	98	97	98	101	100	100
14	93	92	92	97	96	97	98	97	98	101	100	100
15	93	92	93	97	96	97	98	97	98	101	100	101
16	93	93	93	97	96	97	98	98	98	101	101	101
17	94	93	93	97	96	97	98	97	98	102	99	101
18	94	93	93	97	96	97	98	97	97	101	98	99
19	94	93	93	97	96	97	98	97	97	99	97	98
20	94	93	94	97	96	97	98	97	97	100	96	98
21	94	94	94	97	96	97	98	97	97	100	94	98
22	94	92	93	97	96	97	97	97	97	99	95	98
23	94	93	93	97	96	97	97	97	97	100	95	98
24	94	93	93	97	97	97	97	97	97	---	---	---
25	94	93	93	97	97	97	98	97	97	---	---	---
26	94	93	93	97	96	97	98	97	97	---	---	---
27	94	93	93	97	95	96	98	97	97	---	---	---
28	94	93	94	97	96	96	98	97	97	---	---	---
29	95	94	94	97	97	97	98	97	97	---	---	---
30	94	94	94	97	97	97	98	97	97	---	---	---
31	94	94	94	---	---	---	98	96	97	---	---	---
MONTH	---	---	---	100	93	97	98	96	97	---	---	---

Table 13. Daily maximum, minimum, and mean specific conductance for site CC7--Continued

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	107	106	107	102	101	102	110	107	109
2	---	---	---	107	106	106	102	102	102	110	108	109
3	---	---	---	107	106	106	103	99	101	109	106	107
4	---	---	---	107	106	107	100	99	99	111	105	106
5	---	---	---	107	106	107	100	99	100	108	105	107
6	---	---	---	107	106	106	101	99	100	107	105	106
7	---	---	---	106	105	105	102	100	101	105	102	104
8	111	110	110	106	105	105	103	101	102	104	101	102
9	111	110	111	106	104	105	103	102	102	103	97	101
10	111	111	111	106	105	105	105	102	104	100	95	97
11	112	110	111	107	105	105	104	103	104	97	94	96
12	111	110	111	106	105	105	106	103	105	97	94	96
13	112	110	111	106	102	105	104	102	103	95	93	94
14	112	111	111	104	102	104	104	102	103	95	93	94
15	111	110	111	105	104	104	105	103	104	94	91	92
16	112	111	111	105	104	104	106	103	105	92	89	91
17	112	111	111	104	103	104	107	104	105	90	89	89
18	112	108	110	104	103	104	107	104	106	89	86	88
19	111	110	111	105	104	104	105	104	104	89	83	87
20	111	107	110	105	104	104	105	104	105	86	84	85
21	111	107	110	104	102	103	107	105	106	87	83	85
22	109	107	108	103	102	102	108	106	106	85	82	83
23	108	106	107	104	102	103	108	106	107	84	82	83
24	108	106	107	102	101	102	109	106	108	84	83	84
25	108	106	107	103	102	102	111	108	109	85	84	85
26	108	105	107	103	102	102	111	109	109	85	83	85
27	108	106	107	103	101	102	111	109	110	87	85	86
28	108	106	107	101	100	101	109	107	108	87	84	86
29	---	---	---	101	100	101	109	108	108	87	86	86
30	---	---	---	101	101	101	108	106	108	88	86	86
31	---	---	---	102	101	101	---	---	---	88	86	87
MONTH	---	---	---	107	100	104	111	99	105	111	82	93
		JUNE			JULY			AUGUST			SEPTEMBER	
1	88	85	87	72	70	71	104	86	92	105	104	105
2	89	87	87	71	71	71	116	104	111	104	104	104
3	89	86	88	73	71	72	117	112	115	104	104	104
4	88	86	87	73	70	72	114	111	113	104	104	104
5	88	83	86	73	71	72	112	110	111	105	104	104
6	84	80	83	73	72	72	111	108	109	105	103	105
7	83	78	81	73	72	72	108	106	108	104	103	104
8	82	76	79	73	72	73	107	106	106	106	103	104
9	80	75	77	73	72	73	106	105	105	107	105	106
10	78	72	76	72	72	72	105	104	105	105	104	104
11	77	71	74	72	71	72	104	103	104	107	104	106
12	76	70	74	73	71	72	104	103	104	107	101	106
13	75	69	72	73	72	72	104	103	103	108	107	107
14	75	70	73	73	72	73	103	103	103	109	104	107
15	75	70	73	74	72	73	103	103	103	109	108	108
16	76	73	74	74	72	74	104	103	103	109	107	108
17	75	72	74	75	73	74	104	103	104	108	106	107
18	76	71	74	76	74	75	104	103	103	107	97	101
19	75	71	74	77	75	76	103	102	103	99	98	98
20	76	72	74	78	76	77	104	103	103	98	96	98
21	74	70	73	79	77	78	103	102	103	96	95	95
22	72	66	71	81	77	79	103	102	103	95	94	95
23	74	71	73	80	77	79	103	102	102	95	93	94
24	76	71	74	78	77	78	103	102	102	93	92	93
25	74	72	73	78	76	77	102	102	102	93	91	92
26	74	71	73	80	76	78	104	102	103	92	90	91
27	73	71	72	82	79	80	105	104	105	91	88	91
28	73	69	72	82	80	81	105	104	105	92	91	91
29	73	71	72	81	78	80	105	104	105	91	90	91
30	72	70	71	85	79	82	104	104	104	91	90	91
31	---	---	---	90	83	86	105	104	105	---	---	---
MONTH	89	66	76	90	70	75	117	86	105	109	88	100

Table 13. Daily maximum, minimum, and mean specific conductance for site CC7--Continued

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1995 to September 1997 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1995 to September 1997 (discontinued).
WATER TEMPERATURE: May 1995 to September 1997 (discontinued).

INSTRUMENTATION.--Water-quality monitor since with satellite telemetry May 1995.

REMARKS.--Water temperature and specific conductance records are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 117 microsiemens, Aug. 3, 1996; minimum 64 microsiemens, July 21-23, 1995.
WATER TEMPERATURE: Maximum 13.9°C, July 24, 1996; minimum 0.0°C, Mar. 5-6, 1997.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 116 microsiemens, May 7-8; minimum, 72 microsiemens June 24.
WATER TEMPERATURE: Maximum, 13.4°C, Aug. 3; minimum, 0.0°C, on Mar. 5-6.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	90	90	90	94	94	94	96	96	96	101	100	100
2	90	89	90	95	94	94	96	95	95	101	100	100
3	90	89	89	95	94	95	95	95	95	100	99	100
4	90	89	90	98	95	96	95	94	95	100	100	100
5	91	90	90	98	97	98	95	93	95	101	100	101
6	91	90	91	98	97	98	95	94	95	101	101	101
7	92	91	92	98	97	97	95	94	95	102	101	101
8	100	92	94	99	98	98	95	94	95	102	101	102
9	102	93	96	100	98	99	95	94	95	102	102	102
10	95	92	93	100	99	99	95	94	95	102	102	102
11	94	92	93	100	99	100	95	94	95	102	101	101
12	93	92	93	101	100	100	96	95	95	102	101	102
13	93	92	93	100	99	100	96	96	96	103	102	102
14	93	92	92	100	99	99	96	95	96	103	102	103
15	93	92	92	99	97	98	96	95	96	103	102	103
16	92	90	92	98	96	98	96	95	96	103	103	103
17	92	91	92	98	96	97	96	95	96	103	103	103
18	93	92	93	96	95	95	97	95	96	104	103	103
19	94	93	93	97	95	96	97	97	97	104	104	104
20	94	93	94	98	97	97	97	96	97	105	104	104
21	95	94	94	98	97	97	98	97	97	104	103	104
22	95	94	94	98	97	97	98	97	98	104	103	104
23	95	94	94	98	97	97	99	98	98	104	104	104
24	95	94	95	98	97	97	99	98	98	104	103	104
25	95	94	95	98	97	98	99	99	99	104	104	104
26	95	92	94	98	95	98	99	99	99	104	104	104
27	96	95	95	99	98	98	100	99	99	105	104	104
28	95	95	95	98	98	98	100	99	100	104	103	104
29	95	94	94	98	97	98	100	100	100	104	103	104
30	94	94	94	98	96	97	100	100	100	105	104	104
31	94	93	94	---	---	---	101	100	100	105	104	104
MONTH	102	89	93	101	94	97	101	93	97	105	99	103

Table 13. Daily maximum, minimum, and mean specific conductance for site CC7--Continued

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	104	104	104	103	102	103	105	102	104	109	107	108
2	104	103	104	104	103	103	105	102	104	108	107	107
3	104	103	103	103	102	103	106	104	105	109	106	107
4	104	103	103	103	101	103	106	100	105	110	107	108
5	104	103	103	103	102	103	106	104	105	111	109	110
6	104	102	103	105	103	104	106	104	105	112	110	111
7	104	103	103	105	104	105	106	105	105	116	109	112
8	104	103	103	106	104	105	106	104	105	116	112	114
9	104	103	103	106	105	105	106	104	105	112	110	111
10	104	103	103	106	105	105	105	104	104	111	109	110
11	103	103	103	106	105	105	105	104	105	110	108	109
12	103	102	102	106	105	105	106	100	105	110	109	109
13	102	102	102	106	105	105	106	105	106	109	107	108
14	102	101	102	105	104	105	107	106	106	109	103	106
15	102	102	102	106	104	105	108	106	107	104	103	103
16	103	102	103	106	105	105	109	106	108	103	102	102
17	104	103	103	106	105	105	109	107	108	104	102	102
18	103	103	103	106	104	105	109	107	108	104	100	102
19	103	103	103	106	104	105	111	108	109	102	97	100
20	103	101	102	106	104	105	112	108	110	100	98	99
21	103	102	103	106	105	105	112	109	111	100	94	98
22	103	102	103	106	105	105	110	108	109	97	93	95
23	103	102	103	107	105	105	109	106	108	93	87	90
24	103	102	102	105	103	104	108	103	105	89	88	88
25	103	102	102	105	104	104	108	106	107	89	88	89
26	103	102	103	106	104	105	109	106	108	89	87	88
27	103	103	103	106	104	105	107	106	106	90	87	88
28	103	100	103	106	104	105	108	106	107	91	88	90
29	---	---	---	106	104	105	108	106	108	92	91	91
30	---	---	---	106	104	105	109	107	108	91	88	90
31	---	---	---	106	104	105	---	---	---	90	84	87
MONTH	104	100	103	107	101	105	112	100	107	116	84	101
		JUNE			JULY			AUGUST			SEPTEMBER	
1	87	81	85	77	74	76	87	84	85	86	85	86
2	83	80	82	77	74	76	87	85	86	87	79	86
3	84	79	82	78	75	77	87	84	85	86	85	86
4	83	76	80	80	77	79	87	86	86	86	86	86
5	81	77	79	80	78	79	87	83	86	86	86	86
6	80	76	79	79	75	78	85	82	84	86	85	86
7	79	74	77	80	77	79	83	81	82	86	85	86
8	78	75	77	81	79	80	87	82	85	86	85	86
9	80	77	79	81	78	80	87	86	86	86	85	86
10	81	78	79	82	80	81	87	82	86	86	85	86
11	80	78	79	81	80	80	82	80	81	86	84	86
12	80	78	79	81	80	81	84	80	82	87	86	86
13	79	77	78	81	79	80	84	83	83	86	86	86
14	78	75	77	82	80	81	85	83	84	87	86	86
15	78	76	77	84	80	82	86	84	85	87	86	86
16	79	77	78	83	82	83	85	84	85	87	86	87
17	79	77	78	84	82	83	86	85	85	92	86	88
18	79	76	78	84	81	83	86	83	85	87	87	87
19	78	73	76	82	80	81	84	83	84	88	87	87
20	77	74	75	83	81	82	84	83	84	88	87	88
21	77	75	76	85	83	84	85	84	84	88	87	88
22	77	74	76	84	82	84	85	84	85	89	88	88
23	76	74	75	85	83	84	85	83	85	89	88	89
24	76	72	76	86	83	85	85	83	84	90	89	89
25	78	74	77	85	84	85	85	84	84	90	89	90
26	77	73	76	87	85	86	85	82	84	91	90	90
27	77	75	77	87	86	87	85	81	84	93	91	92
28	77	74	76	87	86	87	85	85	85	92	91	92
29	76	74	76	87	83	84	86	84	85	93	92	92
30	77	75	76	85	82	83	86	84	85	93	92	93
31	---	---	---	86	83	84	86	85	86	---	---	---
MONTH	87	72	78	87	74	82	87	80	85	93	79	88

Table 14. Daily maximum, minimum, and mean specific conductance for site CC9

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1995 to current year (seasonal record).

INSTRUMENTATION.--Water-quality monitor since May 1995.

REMARKS.--Water temperature and specific-conductance records are good.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 142 microsiemens, April 15; minimum, 39 microsiemens several days in June.
WATER TEMPERATURE: Maximum, 12.1°C, July 17, 21; minimum, 0.0°C, on many days during Oct., Nov., Apr., May, and Sept.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	93	89	91	114	111	112	---	---	---	---	---	---
2	---	---	---	125	114	120	---	---	---	---	---	---
3	---	---	---	132	115	125	---	---	---	---	---	---
4	93	88	91	125	115	120	---	---	---	---	---	---
5	96	91	93	118	112	115	---	---	---	---	---	---
6	105	89	96	115	111	113	---	---	---	---	---	---
7	97	91	94	115	113	113	---	---	---	---	---	---
8	100	93	96	117	114	116	---	---	---	---	---	---
9	102	92	96	120	116	117	---	---	---	---	---	---
10	101	93	96	124	115	117	---	---	---	---	---	---
11	97	96	96	125	116	118	---	---	---	---	---	---
12	99	94	97	119	117	118	---	---	---	---	---	---
13	100	95	97	119	118	118	---	---	---	---	---	---
14	102	96	100	120	118	119	---	---	---	---	---	---
15	103	97	100	121	119	120	---	---	---	---	---	---
16	104	99	100	121	119	120	---	---	---	---	---	---
17	105	99	101	121	120	121	---	---	---	---	---	---
18	106	100	102	122	121	121	---	---	---	---	---	---
19	107	99	103	123	121	122	---	---	---	---	---	---
20	115	91	108	124	122	123	---	---	---	---	---	---
21	112	96	104	126	123	125	---	---	---	---	---	---
22	114	100	105	126	125	125	---	---	---	---	---	---
23	120	104	115	127	124	125	---	---	---	---	---	---
24	120	104	113	127	125	125	---	---	---	---	---	---
25	110	102	107	126	125	126	---	---	---	---	---	---
26	109	104	107	128	125	126	---	---	---	---	---	---
27	110	106	108	127	125	126	---	---	---	---	---	---
28	110	106	108	---	---	---	---	---	---	---	---	---
29	111	106	109	---	---	---	---	---	---	---	---	---
30	113	108	111	---	---	---	---	---	---	---	---	---
31	113	110	112	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 14. Daily maximum, minimum, and mean specific conductance for site CC9--Continued

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	130	124	128
2	---	---	---	---	---	---	---	---	---	128	124	126
3	---	---	---	---	---	---	---	---	---	127	117	123
4	---	---	---	---	---	---	---	---	---	121	103	115
5	---	---	---	---	---	---	---	---	---	111	95	105
6	---	---	---	---	---	---	---	---	---	103	91	98
7	---	---	---	---	---	---	---	---	---	97	85	92
8	---	---	---	---	---	---	139	129	135	92	78	86
9	---	---	---	---	---	---	133	125	130	87	76	81
10	---	---	---	---	---	---	130	126	128	85	75	80
11	---	---	---	---	---	---	132	130	131	85	69	78
12	---	---	---	---	---	---	134	132	133	79	64	73
13	---	---	---	---	---	---	135	132	134	75	64	69
14	---	---	---	---	---	---	137	135	136	72	62	67
15	---	---	---	---	---	---	142	128	135	69	58	64
16	---	---	---	---	---	---	136	132	134	65	53	60
17	---	---	---	---	---	---	135	130	133	59	53	57
18	---	---	---	---	---	---	134	131	132	57	50	55
19	---	---	---	---	---	---	137	132	133	54	49	52
20	---	---	---	---	---	---	141	128	135	54	50	52
21	---	---	---	---	---	---	137	133	136	57	54	55
22	---	---	---	---	---	---	139	132	137	56	52	54
23	---	---	---	---	---	---	138	131	135	54	52	53
24	---	---	---	---	---	---	133	118	128	56	53	55
25	---	---	---	---	---	---	126	116	121	58	56	57
26	---	---	---	---	---	---	128	123	126	59	56	58
27	---	---	---	---	---	---	126	123	125	61	59	59
28	---	---	---	---	---	---	129	125	126	62	61	61
29	---	---	---	---	---	---	135	122	128	63	59	62
30	---	---	---	---	---	---	129	126	128	62	61	62
31	---	---	---	---	---	---	---	---	---	62	61	61
MONTH	---	---	---	---	---	---	---	---	---	130	49	74
		JUNE			JULY			AUGUST			SEPTEMBER	
1	62	60	61	46	43	44	70	68	69	91	88	89
2	62	59	61	46	43	45	70	69	69	90	87	88
3	61	57	59	47	45	46	72	68	70	91	88	89
4	58	55	57	49	44	47	73	71	72	92	89	90
5	57	49	54	48	44	47	75	70	72	92	89	90
6	53	48	50	48	45	46	76	74	75	93	86	89
7	52	46	49	48	45	47	76	75	75	96	93	95
8	49	42	46	49	45	48	84	71	77	95	93	94
9	46	40	43	50	48	49	84	78	80	95	92	93
10	44	39	41	53	49	51	79	68	76	96	93	95
11	42	39	40	53	50	52	79	76	78	96	94	95
12	42	39	41	53	50	52	80	77	78	95	84	92
13	42	39	41	54	51	52	79	77	78	96	90	94
14	44	39	41	55	52	53	80	78	79	97	89	95
15	45	44	44	55	52	54	81	79	80	100	90	94
16	46	41	44	56	54	55	81	79	80	99	97	98
17	44	40	42	57	54	56	82	79	80	99	95	96
18	44	40	41	59	57	58	84	81	83	97	90	95
19	43	40	41	60	59	59	83	81	81	99	92	95
20	43	40	41	60	59	60	84	81	82	100	95	98
21	42	39	41	61	59	60	85	83	84	101	96	100
22	42	39	40	62	60	61	84	83	83	100	97	98
23	43	39	41	63	61	62	83	80	82	99	95	97
24	44	41	42	63	62	62	82	80	81	103	97	99
25	45	42	43	64	63	63	83	80	81	102	97	100
26	46	42	44	65	64	64	84	80	82	100	95	98
27	46	42	44	66	65	65	87	81	83	109	94	101
28	45	43	44	67	66	67	90	87	89	102	95	98
29	45	42	43	71	66	69	90	88	89	105	98	103
30	45	42	44	71	69	70	91	89	90	104	99	100
31	---	---	---	69	68	69	91	88	89	---	---	---
MONTH	62	39	45	71	43	56	91	68	80	109	84	95

Table 14. Daily maximum, minimum, and mean specific conductance for site CC9--Continued

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1995 to September 1997 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1995 to September 1997 (discontinued).
WATER TEMPERATURE: May 1995 to September 1997 (discontinued).

INSTRUMENTATION.--Water-quality monitor with satellite telemetry since May 1995.

REMARKS.--Water temperature and specific-conductance records are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 149 microsiemens, March 28, 30, 1997; minimum, 37 microsiemens, June 22, 1995.
WATER TEMPERATURE: Maximum, 15.0°C, Aug. 8, 1995; minimum, 0.0°C, many days during winter months.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 149 microsiemens, Mar. 28, 30; minimum, 38 microsiemens June 19.
WATER TEMPERATURE: Maximum, 12.8°C, July 30; minimum, 0.0°C, on many days during Oct. to Nov., and Mar. to May.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	100	98	99	113	109	112	---	---	---	---	---	---
2	101	99	100	116	110	113	---	---	---	---	---	---
3	103	100	101	114	110	113	---	---	---	---	---	---
4	103	101	102	114	111	113	---	---	---	---	---	---
5	104	102	103	116	114	115	---	---	---	---	---	---
6	104	103	103	119	114	116	---	---	---	---	---	---
7	105	103	104	120	114	117	---	---	---	---	---	---
8	105	103	104	118	113	116	---	---	---	---	---	---
9	105	103	104	117	114	116	---	---	---	---	---	---
10	105	103	104	117	116	117	---	---	---	---	---	---
11	104	103	103	119	116	117	---	---	---	---	---	---
12	103	102	103	119	115	117	---	---	---	---	---	---
13	103	101	102	121	116	118	---	---	---	---	---	---
14	103	102	102	121	118	119	---	---	---	---	---	---
15	103	101	102	120	118	119	---	---	---	---	---	---
16	103	99	101	121	117	119	---	---	---	---	---	---
17	110	100	107	122	121	121	---	---	---	---	---	---
18	109	98	104	122	120	121	---	---	---	---	---	---
19	105	98	101	122	120	121	---	---	---	---	---	---
20	114	101	106	125	122	124	---	---	---	---	---	---
21	127	82	116	124	122	123	---	---	---	---	---	---
22	127	98	117	123	122	122	---	---	---	---	---	---
23	113	100	106	124	122	123	---	---	---	---	---	---
24	110	103	107	127	124	125	---	---	---	---	---	---
25	107	104	106	125	124	125	---	---	---	---	---	---
26	110	105	107	---	---	---	---	---	---	---	---	---
27	110	106	108	---	---	---	---	---	---	---	---	---
28	111	106	109	---	---	---	---	---	---	---	---	---
29	113	107	111	---	---	---	---	---	---	---	---	---
30	113	109	112	---	---	---	---	---	---	---	---	---
31	115	108	111	---	---	---	---	---	---	---	---	---
MONTH	127	82	105	---	---	---	---	---	---	---	---	---

Table 14. Daily maximum, minimum, and mean specific conductance for site CC9--Continued

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	144	137	140	129	127	128
2	---	---	---	---	---	---	145	137	140	131	125	128
3	---	---	---	---	---	---	141	136	138	129	126	128
4	---	---	---	---	---	---	140	134	137	129	116	125
5	---	---	---	---	---	---	140	120	137	119	112	116
6	---	---	---	---	---	---	---	---	---	116	103	112
7	---	---	---	---	---	---	143	136	140	107	99	103
8	---	---	---	---	---	---	---	---	---	103	96	100
9	---	---	---	---	---	---	139	131	135	97	89	94
10	---	---	---	---	---	---	---	---	---	94	83	89
11	---	---	---	---	---	---	---	---	---	91	83	88
12	---	---	---	---	---	---	---	---	---	93	87	91
13	---	---	---	---	---	---	139	132	137	92	78	87
14	---	---	---	---	---	---	138	135	136	87	76	81
15	---	---	---	---	---	---	137	133	135	86	69	79
16	---	---	---	---	---	---	136	130	133	78	65	73
17	---	---	---	---	---	---	134	127	130	74	60	68
18	---	---	---	---	---	---	130	124	126	68	59	64
19	---	---	---	---	---	---	126	118	123	65	56	62
20	---	---	---	---	---	---	123	111	118	62	58	61
21	---	---	---	---	---	---	122	111	116	63	57	60
22	---	---	---	---	---	---	125	122	124	60	57	59
23	---	---	---	---	---	---	126	120	124	62	56	60
24	---	---	---	---	---	---	130	120	126	60	58	59
25	---	---	---	---	---	---	127	117	122	61	58	59
26	---	---	---	---	---	---	125	121	123	62	59	60
27	---	---	---	---	---	---	132	118	124	63	61	62
28	---	---	---	149	135	140	125	122	123	64	63	63
29	---	---	---	142	139	140	126	123	125	70	62	65
30	---	---	---	149	136	141	128	125	127	71	63	68
31	---	---	---	143	136	139	---	---	---	67	57	63
MONTH	---	---	---	---	---	---	---	---	---	131	56	82
		JUNE			JULY			AUGUST			SEPTEMBER	
1	59	52	56	47	46	46	63	61	62	82	79	81
2	54	51	53	48	46	47	62	61	62	83	74	82
3	55	49	52	48	47	48	63	60	62	83	78	82
4	53	45	50	49	48	48	64	62	64	84	79	83
5	49	45	47	50	48	49	65	61	64	83	81	82
6	50	47	48	52	49	50	65	62	64	82	80	80
7	49	43	47	54	52	53	64	63	64	83	80	82
8	47	43	45	54	53	53	65	64	64	85	82	83
9	48	45	47	56	54	55	65	64	64	85	83	84
10	49	46	48	56	55	55	66	63	65	86	83	84
11	50	46	48	56	55	55	65	63	64	86	83	86
12	49	46	47	57	56	56	66	63	64	91	86	89
13	50	46	48	58	57	57	67	66	67	90	88	89
14	47	44	46	58	57	57	68	67	68	90	88	89
15	46	44	45	58	57	57	69	68	68	89	87	88
16	45	44	45	58	56	57	71	69	70	92	88	90
17	46	44	45	58	57	57	72	70	71	93	90	91
18	45	42	44	61	57	58	73	70	71	93	89	91
19	44	38	42	63	55	60	73	72	72	92	90	91
20	42	39	41	61	59	60	74	72	73	94	88	92
21	43	40	41	60	59	59	74	72	73	94	91	92
22	43	40	41	60	59	60	75	73	74	93	91	92
23	43	40	42	62	60	61	76	74	75	93	92	92
24	44	43	43	61	60	61	76	73	75	94	92	93
25	45	43	44	61	60	60	77	75	76	94	92	93
26	45	44	44	65	60	61	77	73	76	95	93	94
27	46	44	45	64	60	63	78	74	77	97	95	96
28	46	44	45	64	62	63	80	74	79	97	94	96
29	46	44	45	63	59	62	79	77	78	96	94	95
30	46	45	46	65	59	63	80	77	78	97	94	95
31	---	---	---	64	60	62	81	78	80	---	---	---
MONTH	59	38	46	65	46	57	81	60	70	97	74	89

Table 15. Daily maximum, minimum, and mean specific conductance for site GC5

06704500 DUCK CREEK NEAR GRANT, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1995 to current year (seasonal record).

INSTRUMENTATION.--Water-quality monitor since May 1995.

REMARKS.--Water temperature and specific-conductance records are good.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 59 microsiemens, Sept. 12-17; minimum, 33 microsiemens July 18, 21-23.
WATER TEMPERATURE: Maximum, 15.3°C, July 21, and Aug. 1; minimum, 0.0°C, on many days in Nov., Dec., Jan., and Apr.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	47	46	47	48	47	48	48	47	47	48	47	47
2	47	46	47	49	47	48	47	47	47	47	47	47
3	47	46	47	51	48	50	47	47	47	48	47	47
4	47	45	46	50	48	49	48	47	47	47	47	47
5	46	45	46	50	48	49	47	47	47	47	47	47
6	46	46	46	49	48	48	47	46	46	47	46	47
7	46	45	46	48	48	48	46	46	46	47	46	47
8	47	46	46	48	48	48	47	46	46	47	46	46
9	47	46	46	48	47	48	47	46	46	47	46	47
10	47	46	47	48	47	47	47	46	47	47	46	47
11	48	47	47	50	47	49	47	46	47	47	46	46
12	48	47	47	48	47	47	47	46	47	47	47	47
13	48	47	47	47	47	47	47	46	47	48	46	47
14	48	47	47	47	47	47	47	46	47	47	46	47
15	48	47	48	48	47	47	48	46	47	47	46	46
16	49	47	48	48	47	47	47	47	47	47	46	46
17	49	48	48	48	47	47	48	47	47	47	46	46
18	49	48	48	48	48	48	48	47	47	47	46	46
19	48	47	47	48	47	48	49	47	48	47	46	47
20	48	47	47	48	47	47	49	48	48	47	46	47
21	48	47	47	48	47	47	48	48	48	47	46	47
22	48	46	47	48	47	47	48	47	48	47	46	47
23	48	46	47	48	47	47	48	47	48	47	46	46
24	48	47	47	49	46	48	48	47	48	---	---	---
25	47	47	47	48	47	48	48	47	48	---	---	---
26	47	47	47	48	47	48	48	47	48	---	---	---
27	47	47	47	48	47	48	48	48	48	---	---	---
28	48	47	47	50	48	49	48	47	48	---	---	---
29	48	47	47	48	47	47	48	48	48	---	---	---
30	48	47	48	48	47	47	48	47	48	---	---	---
31	48	48	48	---	---	---	48	47	47	---	---	---
MONTH	49	45	47	51	46	48	49	46	47	---	---	---

Table 15. Daily maximum, minimum, and mean specific conductance for site GC5

06704500 DUCK CREEK NEAR GRANT, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	51	49	50
2	---	---	---	---	---	---	---	---	---	50	48	49
3	---	---	---	---	---	---	---	---	---	50	48	49
4	---	---	---	---	---	---	---	---	---	50	48	48
5	---	---	---	---	---	---	50	49	49	50	48	49
6	---	---	---	---	---	---	49	49	49	52	49	50
7	---	---	---	---	---	---	50	49	49	53	51	52
8	---	---	---	---	---	---	49	47	48	54	52	53
9	---	---	---	---	---	---	50	47	48	54	52	53
10	---	---	---	---	---	---	50	47	48	54	53	53
11	---	---	---	---	---	---	50	49	50	55	53	54
12	---	---	---	---	---	---	50	49	50	55	53	54
13	---	---	---	---	---	---	50	49	50	54	53	53
14	---	---	---	---	---	---	50	50	50	54	52	53
15	---	---	---	---	---	---	50	50	50	53	51	52
16	---	---	---	---	---	---	50	49	50	53	50	51
17	---	---	---	---	---	---	50	49	50	51	49	50
18	---	---	---	---	---	---	50	49	49	50	48	49
19	---	---	---	---	---	---	51	48	50	49	47	48
20	---	---	---	---	---	---	51	48	50	47	45	46
21	---	---	---	---	---	---	51	50	50	47	46	46
22	---	---	---	---	---	---	50	50	50	46	45	46
23	---	---	---	---	---	---	50	48	50	46	44	45
24	---	---	---	---	---	---	50	45	48	45	43	44
25	---	---	---	---	---	---	50	45	48	44	43	43
26	---	---	---	---	---	---	50	48	49	43	41	42
27	---	---	---	---	---	---	50	48	49	43	42	42
28	---	---	---	---	---	---	51	49	50	43	42	43
29	---	---	---	---	---	---	52	50	51	44	43	43
30	---	---	---	---	---	---	51	50	50	44	43	43
31	---	---	---	---	---	---	---	---	---	44	42	43
MONTH	---	---	---	---	---	---	---	---	---	55	41	48
		JUNE			JULY			AUGUST			SEPTEMBER	
1	44	42	43	39	38	39	36	35	36	56	55	55
2	44	42	43	39	38	39	36	35	35	57	55	56
3	44	42	43	39	38	39	36	34	35	57	56	57
4	44	42	43	39	38	39	38	36	37	57	56	57
5	43	41	42	39	38	39	44	38	40	57	56	57
6	42	40	41	39	38	39	48	44	46	58	51	57
7	42	40	41	39	38	39	48	47	48	58	57	57
8	42	40	41	39	38	39	49	48	49	58	57	57
9	41	39	40	39	38	39	50	49	49	57	57	57
10	40	39	39	40	39	39	50	49	50	58	57	57
11	40	39	39	40	39	39	51	50	50	57	56	57
12	39	38	39	40	37	38	52	50	51	59	56	58
13	39	38	39	38	37	38	53	52	52	59	59	59
14	39	38	38	38	37	38	53	52	53	59	58	58
15	39	38	39	38	37	38	53	53	53	59	58	59
16	40	38	39	38	37	38	54	53	53	59	58	59
17	39	38	39	38	34	37	54	53	53	59	58	58
18	39	38	38	35	33	34	54	53	54	58	54	57
19	39	38	38	35	34	34	54	53	54	58	56	57
20	39	38	39	35	34	34	54	54	54	58	57	57
21	39	38	38	35	33	34	55	53	54	58	57	57
22	39	38	38	35	33	34	55	53	54	58	57	57
23	39	38	38	35	33	34	55	54	55	58	57	58
24	39	38	38	35	34	34	55	54	55	58	57	57
25	39	38	38	35	34	34	55	55	55	57	57	57
26	39	38	38	35	34	34	56	55	55	57	56	56
27	39	38	38	35	34	35	56	55	55	56	55	56
28	39	38	38	35	34	35	56	55	56	57	56	56
29	39	38	38	36	35	35	56	55	56	57	56	56
30	39	38	39	36	35	35	57	55	56	57	56	57
31	---	---	---	36	35	35	56	55	56	---	---	---
MONTH	44	38	39	40	33	37	57	34	50	59	51	57

Table 15. Daily maximum, minimum, and mean specific conductance for site GC5--Continued

06704500 DUCK CREEK NEAR GRANT, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1995 to September 1997 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1995 to September 1997 (discontinued).
WATER TEMPERATURE: May 1995 to September 1997 (discontinued).

INSTRUMENTATION.--Water-quality monitor since with satellite telemetry May 1995.

REMARKS.--Water temperature and specific-conductance records are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 63 microsiemens, June 4, 1995; minimum 33 microsiemens, July 18, 21-23, 1996.
WATER TEMPERATURE: Maximum 15.4°C, July 24, 1997; minimum 0.0°C, many days during winter months.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 58 microsiemens, Oct. 12; minimum, 34 microsiemens July 11-12, 16-20, and 22.
WATER TEMPERATURE: Maximum, 15.4°C, July 24; minimum, 0.0°C, on many days during winter months.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	57	56	57	53	52	53	51	50	51	50	49	50
2	57	56	57	54	53	53	51	50	51	50	49	50
3	57	57	57	---	---	---	51	50	51	50	49	50
4	57	57	57	---	---	---	51	50	51	50	49	49
5	57	57	57	53	52	53	51	50	51	50	---	---
6	57	57	57	53	52	52	50	49	50	50	49	50
7	57	57	57	54	53	53	50	49	50	50	---	---
8	57	57	57	54	53	53	50	50	50	---	---	---
9	57	56	57	53	52	53	51	50	50	---	---	---
10	57	56	57	53	52	53	50	49	50	---	---	---
11	57	56	57	53	52	53	50	49	50	---	---	---
12	58	56	57	53	52	53	50	49	50	---	---	---
13	57	56	57	53	52	52	50	50	50	50	49	---
14	57	56	57	53	52	52	50	49	50	50	49	49
15	57	56	56	52	51	52	50	50	50	49	48	49
16	56	55	56	52	50	51	50	49	50	49	49	49
17	55	54	55	52	51	52	50	49	49	50	49	49
18	56	54	55	52	51	51	50	49	49	50	49	49
19	56	55	55	51	51	51	50	49	50	50	49	49
20	55	54	55	52	51	51	50	49	50	---	---	---
21	55	54	55	52	51	52	50	49	50	---	---	---
22	55	54	55	52	51	52	50	49	50	---	---	---
23	54	54	54	52	51	52	50	49	49	---	---	---
24	54	53	54	52	52	52	50	49	50	---	---	---
25	54	53	54	53	51	52	50	49	50	---	---	---
26	53	52	53	53	50	52	50	49	50	---	---	---
27	54	53	53	51	50	51	50	49	50	---	---	---
28	54	53	53	52	51	51	50	49	49	---	---	---
29	53	52	53	51	50	51	50	49	50	---	---	---
30	53	53	53	51	50	51	50	49	50	---	---	---
31	54	52	53	---	---	---	50	49	50	50	49	50
MONTH	58	52	55	---	---	---	51	49	50	---	---	---

Table 15. Daily maximum, minimum, and mean specific conductance for site GC5--Continued

06704500 DUCK CREEK NEAR GRANT, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	49	49	49	53	51	52	55	53	54
2	---	---	---	50	49	49	53	51	52	55	53	54
3	---	---	---	50	48	49	54	51	52	55	53	54
4	---	---	---	49	48	49	53	50	52	55	52	53
5	---	---	---	50	---	---	55	52	53	54	52	53
6	---	---	---	50	49	50	54	---	---	54	52	53
7	---	---	---	50	49	50	53	50	52	54	53	53
8	---	---	---	50	49	50	53	51	52	56	53	54
9	---	---	---	50	49	50	53	52	52	57	54	55
10	---	---	---	51	49	50	52	51	52	57	55	56
11	---	---	---	50	49	50	53	---	---	56	54	56
12	---	---	---	50	49	50	53	49	52	57	55	56
13	---	---	---	50	49	50	53	51	53	57	56	56
14	---	---	---	50	49	50	53	52	52	56	55	56
15	---	---	---	51	50	50	53	52	52	57	55	56
16	---	---	---	51	50	50	53	51	52	55	53	54
17	---	---	---	51	50	50	53	50	52	54	52	53
18	---	---	---	51	50	50	54	50	52	52	51	51
19	---	---	---	51	50	50	53	49	51	52	50	51
20	---	---	---	52	50	51	53	49	51	50	49	50
21	---	---	---	52	51	51	53	49	51	49	48	49
22	---	---	---	52	51	52	55	52	53	48	47	48
23	---	---	---	52	51	52	54	53	54	49	46	47
24	---	---	---	52	51	52	54	52	53	47	46	46
25	---	---	---	53	---	---	54	53	54	47	46	46
26	---	---	---	53	51	52	54	53	53	46	45	46
27	---	---	---	53	52	52	55	53	53	46	45	46
28	49	46	49	53	52	52	54	53	53	46	45	46
29	---	---	---	53	52	52	55	52	54	46	44	45
30	---	---	---	54	51	52	55	53	54	46	45	46
31	---	---	---	54	52	52	---	---	---	47	45	46
MONTH	---	---	---	54	---	---	55	---	---	57	44	51

		JUNE			JULY			AUGUST			SEPTEMBER	
1	46	44	45	38	37	38	48	47	48	48	46	47
2	44	43	44	38	37	38	49	48	48	49	47	48
3	44	42	43	38	35	38	49	48	48	49	44	47
4	43	39	41	39	38	38	49	47	48	48	45	48
5	39	38	39	38	38	38	49	47	48	48	46	47
6	38	37	38	38	38	38	49	47	48	48	46	47
7	39	37	38	39	38	38	49	47	48	47	46	47
8	38	37	38	39	38	38	49	48	49	47	46	47
9	38	38	38	39	38	38	49	44	48	47	46	47
10	38	38	38	39	37	38	51	48	49	48	46	47
11	38	37	38	37	34	35	51	49	50	48	46	47
12	38	37	38	35	34	35	50	48	49	48	47	48
13	38	37	38	35	35	35	50	47	48	48	47	47
14	38	37	38	36	35	35	49	48	48	48	47	47
15	38	37	38	36	35	35	49	48	49	48	46	47
16	38	37	37	36	34	35	49	48	48	48	46	47
17	38	37	37	35	34	35	49	47	48	47	46	47
18	38	37	37	35	34	34	48	47	48	48	46	47
19	38	37	37	35	34	34	48	47	47	47	46	47
20	38	37	37	35	34	35	48	47	48	48	47	47
21	37	37	37	35	35	35	48	46	47	48	46	47
22	37	37	37	35	34	35	47	46	46	48	46	47
23	37	36	37	36	35	35	47	46	46	48	46	47
24	37	36	37	36	35	35	48	45	46	48	47	47
25	37	37	37	36	35	35	48	44	46	48	47	48
26	38	37	37	36	35	35	45	44	45	48	47	48
27	38	37	37	37	35	36	48	45	46	49	47	48
28	38	37	37	40	35	36	48	47	48	48	47	48
29	38	37	37	46	40	44	48	46	47	48	47	48
30	38	37	38	48	43	46	48	46	47	49	47	48
31	---	---	---	48	47	47	48	46	47	---	---	---
MONTH	46	36	38	48	34	37	51	44	48	49	44	47

Table 16. Daily maximum, minimum, and mean specific conductance for site GC11

06705500 GENEVA CREEK AT GRANT, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1995 to current year (seasonal record).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1995 to current year.
WATER TEMPERATURE: May 1995 to current year.

INSTRUMENTATION.--Water-quality monitor since May 1995..

REMARKS.--Water temperature records are good. Specific-conductance records are good.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 99 microsiemens, April 5; minimum, 40 microsiemens May 19.
WATER TEMPERATURE: Maximum, 15.7°C, July 23; minimum, 0.0°C, several days in October and September 27.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	77	74	75	---	---	---	---	---	---	---	---	---
2	77	75	76	---	---	---	---	---	---	---	---	---
3	80	73	76	---	---	---	---	---	---	---	---	---
4	77	72	75	---	---	---	---	---	---	---	---	---
5	75	71	73	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	81	72	77	---	---	---	---	---	---	---	---	---
9	79	75	77	---	---	---	---	---	---	---	---	---
10	80	75	78	---	---	---	---	---	---	---	---	---
11	81	77	79	---	---	---	---	---	---	---	---	---
12	80	78	79	---	---	---	---	---	---	---	---	---
13	81	74	79	---	---	---	---	---	---	---	---	---
14	80	72	78	---	---	---	---	---	---	---	---	---
15	81	77	79	---	---	---	---	---	---	---	---	---
16	82	77	80	---	---	---	---	---	---	---	---	---
17	82	77	80	---	---	---	---	---	---	---	---	---
18	83	79	80	---	---	---	---	---	---	---	---	---
19	86	78	81	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	83	75	81	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	86	78	81	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 16. Daily maximum, minimum, and mean specific conductance for site GC11--Continued

06705500 GENEVA CREEK AT GRANT, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	86	82	84
2	---	---	---	---	---	---	---	---	---	82	76	79
3	---	---	---	---	---	---	---	---	---	80	72	76
4	---	---	---	---	---	---	---	---	---	77	68	72
5	---	---	---	---	---	---	99	85	93	74	67	70
6	---	---	---	---	---	---	98	83	93	71	63	68
7	---	---	---	---	---	---	94	91	92	71	65	67
8	---	---	---	---	---	---	94	84	91	68	59	64
9	---	---	---	---	---	---	87	81	84	64	58	61
10	---	---	---	---	---	---	87	77	82	62	56	59
11	---	---	---	---	---	---	88	81	85	62	51	57
12	---	---	---	---	---	---	92	87	88	57	50	53
13	---	---	---	---	---	---	89	83	88	54	48	51
14	---	---	---	---	---	---	94	83	87	52	47	50
15	---	---	---	---	---	---	97	80	91	52	45	49
16	---	---	---	---	---	---	94	85	89	49	41	46
17	---	---	---	---	---	---	89	84	86	47	41	44
18	---	---	---	---	---	---	87	71	82	47	41	44
19	---	---	---	---	---	---	90	82	87	47	40	43
20	---	---	---	---	---	---	94	81	90	47	41	45
21	---	---	---	---	---	---	92	85	90	50	45	48
22	---	---	---	---	---	---	94	82	90	49	43	47
23	---	---	---	---	---	---	96	85	90	48	43	45
24	---	---	---	---	---	---	91	73	85	48	44	47
25	---	---	---	---	---	---	82	71	76	48	46	48
26	---	---	---	---	---	---	86	78	81	50	47	48
27	---	---	---	---	---	---	81	74	78	53	48	50
28	---	---	---	---	---	---	86	79	82	54	51	52
29	---	---	---	---	---	---	89	79	85	52	46	50
30	---	---	---	---	---	---	88	80	84	50	46	49
31	---	---	---	---	---	---	---	---	---	51	48	50
MONTH	---	---	---	---	---	---	---	---	---	86	40	55

		JUNE			JULY			AUGUST			SEPTEMBER	
1	51	50	50	50	46	49	61	59	60	85	83	84
2	52	50	51	50	46	49	62	58	61	85	83	84
3	51	48	50	51	47	50	61	58	59	86	84	85
4	50	47	48	51	48	50	63	59	61	87	85	86
5	49	44	47	51	48	50	69	61	64	87	85	86
6	48	43	46	51	48	50	69	68	69	87	80	85
7	48	44	46	52	47	51	73	69	70	82	77	80
8	48	43	46	52	48	51	72	71	72	85	82	83
9	47	44	45	53	51	52	74	70	72	85	83	84
10	46	42	45	54	50	52	75	73	74	86	84	85
11	46	43	45	55	52	54	76	73	75	86	84	85
12	45	42	44	55	53	54	78	76	77	88	81	85
13	46	43	45	57	55	56	78	77	78	84	82	83
14	45	43	44	58	55	56	79	78	78	84	82	83
15	46	42	44	57	54	56	79	77	79	83	81	82
16	46	42	44	58	54	57	80	79	79	83	81	82
17	46	43	44	58	55	57	80	79	80	84	82	83
18	46	43	45	55	51	54	81	79	80	83	77	82
19	47	44	45	55	52	54	82	79	81	84	77	79
20	47	44	46	55	54	54	82	80	81	82	79	80
21	46	44	45	57	54	55	88	79	82	82	79	81
22	45	42	44	56	54	55	81	75	78	84	81	82
23	46	42	44	57	54	56	79	75	77	84	80	82
24	47	44	46	57	56	57	78	74	76	83	78	81
25	48	45	46	58	55	57	83	78	79	80	78	79
26	48	45	47	58	57	58	82	80	81	79	76	78
27	47	44	46	59	58	58	82	75	81	82	72	78
28	48	44	47	59	57	58	80	75	78	82	78	80
29	49	44	47	59	56	58	81	76	79	80	77	78
30	50	47	48	60	57	59	83	80	82	80	78	80
31	---	---	---	60	59	59	84	81	82	---	---	---
MONTH	52	42	46	60	46	54	88	58	75	88	72	82

Table 16. Daily maximum, minimum, and mean specific conductance for site GC11--Continued

06705500 GENEVA CREEK AT GRANT, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--October 1995 to September 1997 (seasonal record, discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1995 to September 1997 (discontinued).
WATER TEMPERATURE: May 1995 to September 1997 (discontinued).

INSTRUMENTATION.--Water-quality monitor since with satellite telemetry May 1995.

REMARKS.--Water temperature records are fair. Specific-conductance records are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 110 microsiemens, May 11, 1995; minimum, 32 microsiemens, June 19 and 22, 1997.
WATER TEMPERATURE: Maximum 15.7°C, July 23, 1996; minimum 0.0°C, on many days during winter months.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 90 microsiemens, Mar. 27-28, and Apr. 28; minimum, 32 microsiemens June 19 and 22.
WATER TEMPERATURE: Maximum, 15.5°C, July 24; minimum, 0.0°C, many days in Oct.-Nov., and Mar.-May.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	83	81	82	---	---	---	---	---	---	---	---	---
2	87	82	83	---	---	---	---	---	---	---	---	---
3	85	83	84	---	---	---	---	---	---	---	---	---
4	84	83	84	---	---	---	---	---	---	---	---	---
5	85	83	84	---	---	---	---	---	---	---	---	---
6	85	84	84	---	---	---	---	---	---	---	---	---
7	86	84	85	---	---	---	---	---	---	---	---	---
8	86	84	85	---	---	---	---	---	---	---	---	---
9	86	84	85	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	87	86	86	---	---	---	---	---	---	---	---	---
12	87	85	86	---	---	---	---	---	---	---	---	---
13	87	85	86	---	---	---	---	---	---	---	---	---
14	86	85	86	---	---	---	---	---	---	---	---	---
15	87	83	85	---	---	---	---	---	---	---	---	---
16	86	82	84	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 16. Daily maximum, minimum, and mean specific conductance for site GC11--Continued

06705500 GENEVA CREEK AT GRANT, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	88	84	86	78	76	77
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	87	82	85	78	72	76
5	---	---	---	---	---	---	---	---	---	75	69	72
6	---	---	---	---	---	---	---	---	---	72	67	69
7	---	---	---	---	---	---	---	---	---	69	64	67
8	---	---	---	---	---	---	---	---	---	67	63	64
9	---	---	---	---	---	---	---	---	---	65	59	62
10	---	---	---	---	---	---	---	---	---	61	51	58
11	---	---	---	---	---	---	---	---	---	55	51	53
12	---	---	---	---	---	---	---	---	---	57	52	54
13	---	---	---	---	---	---	---	---	---	57	49	54
14	---	---	---	---	---	---	---	---	---	54	49	52
15	---	---	---	---	---	---	---	---	---	54	46	50
16	---	---	---	---	---	---	---	---	---	50	43	47
17	---	---	---	---	---	---	---	---	---	48	39	44
18	---	---	---	---	---	---	82	69	75	45	39	43
19	---	---	---	---	---	---	79	69	73	46	39	43
20	---	---	---	---	---	---	78	68	72	46	40	44
21	---	---	---	---	---	---	80	66	72	48	43	46
22	---	---	---	---	---	---	---	---	---	46	43	45
23	---	---	---	---	---	---	---	---	---	49	43	47
24	---	---	---	---	---	---	---	---	---	47	41	45
25	---	---	---	---	---	---	---	---	---	47	43	46
26	---	---	---	---	---	---	---	---	---	47	43	46
27	---	---	---	90	80	86	---	---	---	48	46	47
28	---	---	---	90	76	84	90	78	83	48	46	47
29	---	---	---	88	83	87	87	79	81	48	45	47
30	---	---	---	---	---	---	80	76	78	47	42	46
31	---	---	---	---	---	---	---	---	---	46	35	43
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		JUNE			JULY			AUGUST			SEPTEMBER	
1	44	34	40	46	41	44	57	54	56	67	63	66
2	42	34	39	---	---	---	58	55	57	70	63	67
3	42	36	40	---	---	---	59	53	58	73	66	68
4	42	36	39	---	---	---	63	53	55	73	64	67
5	40	34	38	---	---	---	58	54	56	69	65	67
6	41	33	39	---	---	---	56	52	54	69	66	68
7	42	33	38	---	---	---	56	50	53	---	---	---
8	39	34	37	48	46	47	56	51	53	69	68	69
9	40	33	38	---	---	---	74	51	55	70	68	69
10	41	33	39	---	---	---	61	47	48	70	67	69
11	41	33	39	50	46	47	50	48	49	72	69	70
12	42	36	40	---	---	---	53	50	51	71	69	70
13	42	35	40	---	---	---	54	52	53	71	66	70
14	41	33	39	51	49	50	56	54	55	72	70	71
15	42	35	40	52	50	51	58	56	57	72	71	71
16	42	34	40	52	50	51	59	57	58	73	71	72
17	42	35	40	51	51	51	60	57	59	72	70	72
18	42	34	40	52	50	51	60	58	59	73	71	72
19	41	32	38	53	50	51	60	58	60	73	71	72
20	40	33	37	52	51	52	62	59	61	73	70	71
21	40	33	38	53	51	52	62	60	61	71	70	71
22	41	32	39	53	52	53	63	60	62	73	69	70
23	41	34	39	54	53	54	63	62	63	71	68	71
24	42	34	40	55	54	54	64	62	63	72	67	71
25	43	39	41	55	53	55	71	62	65	73	71	72
26	43	40	42	55	54	55	66	62	64	73	71	73
27	43	40	42	56	54	55	64	61	63	74	73	73
28	44	41	42	60	52	55	66	60	63	74	73	73
29	45	41	43	57	53	56	67	60	65	76	73	73
30	46	41	44	57	53	55	66	65	66	75	73	74
31	---	---	---	57	54	55	66	63	66	---	---	---
MONTH	46	32	40	---	---	---	74	47	58	---	---	---

Table 17. Daily maximum, minimum, and mean specific conductance for site DC1

393040105340400 DEER CREEK NEAR BAILEY, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1996 to September 1996 (seasonal record).

INSTRUMENTATION.--Water-quality monitor since May 1995.

REMARKS.--Water temperature and specific-conductance records are good.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 42 microsiemens, several days in Sept.; minimum, 27 microsiemens several days in June.
WATER TEMPERATURE: Maximum, 9.9°C, July 14; minimum, 0.0°C, on May 26 and Sept. 26-27.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 17. Daily maximum, minimum, and mean specific conductance for site DC1--Continued

393040105340400 DEER CREEK NEAR BAILEY, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	34	28	32
19	---	---	---	---	---	---	---	---	---	31	29	30
20	---	---	---	---	---	---	---	---	---	33	28	31
21	---	---	---	---	---	---	---	---	---	35	32	34
22	---	---	---	---	---	---	---	---	---	34	29	32
23	---	---	---	---	---	---	---	---	---	32	29	31
24	---	---	---	---	---	---	---	---	---	34	31	33
25	---	---	---	---	---	---	---	---	---	35	34	34
26	---	---	---	---	---	---	---	---	---	35	33	34
27	---	---	---	---	---	---	---	---	---	35	35	35
28	---	---	---	---	---	---	---	---	---	36	35	36
29	---	---	---	---	---	---	---	---	---	36	35	36
30	---	---	---	---	---	---	---	---	---	35	34	35
31	---	---	---	---	---	---	---	---	---	36	34	35
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	36	34	35	30	30	30	37	36	36	40	39	40
2	36	33	35	31	30	30	37	36	37	40	40	40
3	35	31	34	31	30	30	37	36	36	41	40	40
4	33	31	32	31	30	31	37	36	36	41	40	40
5	33	28	31	31	31	31	38	36	37	41	40	40
6	31	28	29	32	31	31	38	37	37	41	39	40
7	30	27	29	32	31	31	38	36	37	41	40	41
8	30	27	28	32	31	31	38	37	37	41	40	41
9	29	27	28	32	31	32	38	37	37	41	40	41
10	29	27	28	33	32	32	38	37	37	41	40	41
11	29	27	28	33	32	32	38	37	38	41	40	40
12	29	27	28	34	32	33	39	38	38	42	35	41
13	29	27	28	35	33	34	39	38	38	42	41	41
14	29	27	28	35	34	34	39	38	38	41	39	41
15	29	28	29	35	34	34	39	38	38	42	40	41
16	30	28	29	35	34	35	39	38	39	42	41	42
17	29	27	28	35	34	35	39	38	39	42	41	41
18	28	27	28	36	33	35	39	38	39	41	40	41
19	28	27	28	35	33	34	40	38	39	41	40	40
20	28	27	28	35	34	34	40	39	39	40	40	40
21	28	27	28	35	34	34	40	38	39	41	40	40
22	28	27	28	35	34	34	40	38	39	41	40	41
23	28	28	28	35	35	35	40	36	39	41	40	41
24	29	28	28	35	34	35	40	39	40	42	41	41
25	29	28	28	36	35	35	40	39	40	41	40	41
26	29	28	29	36	34	35	40	39	39	40	39	40
27	29	28	29	36	35	35	40	38	39	42	39	40
28	29	29	29	36	35	35	41	39	40	41	40	40
29	30	29	29	36	35	36	41	40	40	41	40	41
30	30	30	30	36	35	36	41	40	40	42	41	41
31	---	---	---	37	36	36	40	39	40	---	---	---
MONTH	36	27	29	37	30	33	41	36	38	42	35	41

Table 17. Daily maximum, minimum, and mean specific conductance for site DC1--Continued

393040105340400 DEER CREEK NEAR BAILEY, CO

WATER-QUALITY RECORDS

PERIOD OF RECORD.--May 1996 to September 1997 (discontinued).

PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: May 1995 to September 1997 (discontinued).
WATER TEMPERATURE: May 1995 to September 1997 (discontinued).

INSTRUMENTATION.--Water-quality monitor since with satellite telemetry May 1995.

REMARKS.--Water temperature and specific-conductance records are good.

EXTREMES FOR PERIOD OF DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum 51 microsiemens, May 1-4, 1997; minimum, 22 microsiemens, June 1, 1997.
WATER TEMPERATURE: Maximum 9.9°C, July 14, 1996; minimum 0.0°C, many days during winter months.

EXTREMES FOR CURRENT YEAR.--
SPECIFIC CONDUCTANCE: Maximum, 51 microsiemens, May 1-4; minimum, 22 microsiemens June 1.
WATER TEMPERATURE: Maximum, 9.5°C, Sept. 2; minimum, 0.0°C, on many days during winter months.

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	42	41	41	40	39	39	---	---	---	---	---	---
2	42	41	41	40	39	39	---	---	---	---	---	---
3	42	41	42	40	39	39	---	---	---	---	---	---
4	42	41	42	40	39	39	---	---	---	---	---	---
5	42	41	42	40	39	39	---	---	---	---	---	---
6	42	41	42	---	---	---	---	---	---	---	---	---
7	42	41	41	---	---	---	---	---	---	---	---	---
8	42	41	41	---	---	---	42	40	40	---	---	---
9	42	41	41	---	---	---	41	40	40	---	---	---
10	42	41	41	40	39	39	---	---	---	---	---	---
11	42	41	41	40	39	40	---	---	---	---	---	---
12	42	41	41	40	39	39	---	---	---	---	---	---
13	42	41	41	40	39	39	---	---	---	---	---	---
14	42	41	41	40	39	40	---	---	---	---	---	---
15	42	41	41	40	39	39	---	---	---	---	---	---
16	41	40	41	---	---	---	---	---	---	---	---	---
17	42	40	41	---	---	---	---	---	---	---	---	---
18	43	38	40	40	39	39	---	---	---	---	---	---
19	40	39	40	40	39	39	---	---	---	---	---	---
20	40	39	39	40	39	40	---	---	---	---	---	---
21	---	---	---	40	40	40	---	---	---	---	---	---
22	---	---	---	40	40	40	---	---	---	---	---	---
23	---	---	---	40	40	40	---	---	---	---	---	---
24	40	39	39	---	---	---	---	---	---	---	---	---
25	40	39	40	---	---	---	---	---	---	---	---	---
26	40	39	40	---	---	---	---	---	---	---	---	---
27	40	38	39	---	---	---	---	---	---	---	---	---
28	40	39	40	---	---	---	---	---	---	---	---	---
29	40	39	39	---	---	---	---	---	---	---	---	---
30	40	38	39	---	---	---	---	---	---	---	---	---
31	40	39	39	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 17. Daily maximum, minimum, and mean specific conductance for site DC1--Continued

393040105340400 DEER CREEK NEAR BAILEY, CO

SPECIFIC CONDUCTANCE, (MICROSIEMENS/CM @ 25 DEG. C), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	45	43	44	51	50	50
2	---	---	---	---	---	---	---	---	---	51	45	48
3	---	---	---	---	---	---	---	---	---	51	43	47
4	---	---	---	---	---	---	45	43	44	51	45	49
5	---	---	---	---	---	---	45	42	44	49	45	47
6	---	---	---	---	---	---	---	---	---	49	45	47
7	---	---	---	---	---	---	---	---	---	48	42	45
8	---	---	---	---	---	---	---	---	---	46	43	44
9	---	---	---	---	---	---	45	44	45	45	37	43
10	---	---	---	---	---	---	---	---	---	43	37	41
11	---	---	---	---	---	---	---	---	---	41	38	39
12	---	---	---	---	---	---	---	---	---	43	40	42
13	---	---	---	---	---	---	---	---	---	43	39	42
14	---	---	---	---	---	---	---	---	---	41	39	40
15	---	---	---	---	---	---	---	---	---	41	35	39
16	---	---	---	---	---	---	46	43	45	39	32	36
17	---	---	---	---	---	---	46	41	44	37	27	34
18	---	---	---	---	---	---	46	40	44	31	27	29
19	---	---	---	---	---	---	45	42	43	32	28	30
20	---	---	---	---	---	---	45	40	43	31	28	30
21	---	---	---	---	---	---	45	41	44	33	31	32
22	---	---	---	---	---	---	47	---	---	34	32	33
23	---	---	---	---	---	---	47	---	---	35	32	34
24	---	---	---	---	---	---	---	---	---	34	33	33
25	---	---	---	---	---	---	---	---	---	35	33	34
26	---	---	---	---	---	---	---	---	---	34	33	34
27	---	---	---	44	43	44	---	---	---	35	33	34
28	---	---	---	44	---	---	48	45	47	35	34	34
29	---	---	---	44	---	---	50	48	49	35	33	34
30	---	---	---	---	---	---	50	---	---	34	31	34
31	---	---	---	45	44	44	---	---	---	32	23	30
MONTH	---	---	---	---	---	---	---	---	---	51	23	38

		JUNE			JULY			AUGUST			SEPTEMBER	
1	30	22	26	32	31	32	36	35	35	37	35	36
2	29	23	27	32	32	32	36	35	36	37	36	36
3	30	24	28	33	32	32	36	33	35	37	35	36
4	---	---	---	33	32	32	36	34	35	36	35	35
5	---	---	---	33	32	33	36	35	35	37	34	35
6	30	28	29	33	32	33	36	34	35	37	35	36
7	30	27	29	33	33	33	35	34	34	37	35	36
8	29	26	28	33	33	33	35	34	35	37	35	36
9	28	26	28	34	33	33	35	34	35	37	35	36
10	29	27	28	34	33	33	35	34	34	37	35	36
11	30	28	29	34	33	33	35	34	34	37	35	36
12	31	29	30	34	33	33	34	34	34	37	36	36
13	31	30	30	34	33	34	34	34	34	37	35	36
14	31	28	30	35	34	34	35	34	34	36	35	36
15	30	29	30	35	33	34	35	34	34	36	35	36
16	31	30	30	35	34	34	35	34	34	36	35	36
17	32	31	32	35	34	34	35	34	34	36	35	36
18	32	30	31	35	34	34	35	34	35	37	35	36
19	32	28	30	35	34	34	35	34	34	37	35	36
20	31	29	30	35	34	35	35	34	34	37	36	36
21	31	30	31	35	34	35	35	34	35	37	35	36
22	31	28	30	35	34	34	35	34	34	38	36	37
23	30	29	30	35	34	35	35	34	35	38	36	37
24	30	30	30	35	34	35	35	34	35	38	37	37
25	30	29	30	35	34	35	36	34	35	39	37	38
26	30	29	30	35	34	35	36	34	35	38	37	37
27	31	30	30	35	34	35	36	34	35	38	37	38
28	32	31	32	35	34	35	36	34	35	38	37	37
29	32	31	32	36	34	35	36	35	35	38	37	37
30	32	32	32	36	34	35	36	35	35	38	37	38
31	---	---	---	36	34	35	37	33	36	---	---	---
MONTH	---	---	---	36	31	34	37	33	35	39	34	36

Table 18. Daily maximum, minimum, and mean water temperature for site CC2

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 18. Daily maximum, minimum, and mean water temperature for site CC2--Continued

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.2	.8	2.6	12.9	4.5	8.1	12.8	4.6	8.3	10.6	2.9	6.2
2	6.3	.2	3.1	11.5	4.8	7.9	12.0	5.4	8.3	9.1	4.2	6.3
3	7.1	.7	3.8	8.9	5.2	7.2	12.0	5.4	8.1	10.5	3.3	6.3
4	6.0	1.6	3.7	11.9	4.8	7.6	11.9	5.4	7.8	10.1	3.6	6.5
5	8.2	1.9	4.5	12.3	5.8	8.6	12.8	3.8	7.3	10.8	3.9	6.8
6	7.9	1.4	4.6	14.0	5.6	8.9	13.0	3.8	7.7	6.9	4.8	6.2
7	8.8	1.1	5.0	14.0	5.5	8.9	9.5	4.7	7.0	8.4	2.6	5.0
8	9.8	1.9	5.5	11.5	5.6	8.3	8.6	3.6	6.2	9.3	1.8	5.0
9	9.1	2.9	5.5	10.4	6.0	8.2	10.7	4.1	7.0	7.8	2.4	5.1
10	8.4	2.8	5.2	13.2	5.8	8.6	10.9	3.0	6.4	8.1	2.4	5.1
11	10.0	2.6	5.5	13.8	5.1	8.6	12.2	2.6	6.8	8.4	2.4	5.3
12	7.7	2.6	4.9	11.7	5.9	8.7	12.2	3.7	7.3	8.9	4.3	6.2
13	8.9	3.0	5.5	11.9	6.6	8.6	9.6	3.9	6.7	8.2	4.6	6.2
14	6.5	3.5	5.0	13.8	5.7	8.9	9.2	4.7	7.0	6.8	2.4	4.3
15	5.0	3.4	4.4	13.5	5.3	8.7	11.0	4.4	7.4	8.4	2.8	4.8
16	10.2	2.2	5.5	11.3	6.7	8.8	10.9	4.5	7.2	8.2	1.5	4.5
17	11.0	3.1	6.4	13.2	6.8	9.6	9.6	3.6	6.5	4.7	2.2	3.2
18	11.1	2.9	6.4	10.8	7.0	8.7	11.8	4.7	7.5	4.3	.0	1.6
19	11.4	3.1	6.6	13.9	5.7	9.0	9.9	5.6	7.4	1.9	.0	.6
20	12.0	3.8	7.0	13.1	5.9	9.3	9.8	4.5	6.9	4.3	.1	1.6
21	8.7	4.7	6.5	14.5	5.6	9.2	9.8	5.8	7.2	6.5	.4	2.8
22	9.5	4.8	6.7	13.7	4.7	8.3	10.1	5.1	7.0	7.0	1.8	3.9
23	11.2	2.8	6.5	14.1	5.7	8.9	8.2	4.1	6.3	5.2	2.2	3.5
24	10.6	4.2	7.0	12.2	4.8	8.2	11.6	3.7	7.0	7.4	1.6	3.7
25	11.5	3.5	6.7	11.5	6.3	8.5	11.8	3.6	7.0	5.5	.7	2.9
26	12.8	4.0	7.4	10.2	4.8	7.3	8.1	4.7	6.5	.7	.0	.0
27	9.7	5.9	7.6	12.2	4.3	7.5	8.1	5.1	6.3	.1	.0	.0
28	9.5	5.3	7.1	11.6	5.4	8.0	8.3	3.8	6.0	3.0	.0	1.0
29	12.0	3.8	7.2	8.7	7.0	8.0	11.7	3.8	7.1	5.7	.0	2.0
30	11.5	5.7	8.1	14.0	5.2	8.4	11.1	4.4	7.3	6.5	.3	2.8
31	---	---	---	11.7	4.5	7.8	10.4	3.5	6.3	---	---	---
MONTH	12.8	.2	5.7	14.5	4.3	8.4	13.0	2.6	7.1	10.8	.0	4.0

Table 18. Daily maximum, minimum, and mean water temperature for site CC2--Continued

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.0	.4	2.8	.1	.0	.0	---	---	---	---	---	---
2	6.5	.5	3.3	.2	.0	.1	---	---	---	---	---	---
3	5.9	3.1	4.2	.1	.0	.0	---	---	---	---	---	---
4	5.8	1.0	3.4	.1	.0	.0	---	---	---	---	---	---
5	6.0	.5	2.9	.2	.0	.0	---	---	---	---	---	---
6	5.5	.0	2.4	.2	.0	.0	---	---	---	---	---	---
7	5.5	.7	2.7	---	---	---	---	---	---	---	---	---
8	5.7	.9	2.9	---	---	---	---	---	---	---	---	---
9	5.6	.7	2.7	---	---	---	---	---	---	---	---	---
10	5.2	.0	2.3	---	---	---	---	---	---	---	---	---
11	5.2	.3	2.3	---	---	---	---	---	---	---	---	---
12	4.8	.0	2.1	---	---	---	---	---	---	---	---	---
13	4.3	.0	1.8	---	---	---	---	---	---	---	---	---
14	3.5	.4	1.6	---	---	---	---	---	---	---	---	---
15	2.1	.0	.6	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	.1	.0	.0	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	.5	.0	.1
9	---	---	---	---	---	---	---	---	---	.4	.0	.1
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	.9	.0	.2
14	---	---	---	---	---	---	---	---	---	.8	.0	.1
15	---	---	---	---	---	---	---	---	---	1.2	.0	.2
16	---	---	---	---	---	---	---	---	---	1.0	.0	.2
17	---	---	---	---	---	---	---	---	---	1.5	.0	.3
18	---	---	---	---	---	---	---	---	---	1.7	.0	.4
19	---	---	---	---	---	---	---	---	---	2.3	.2	.8
20	---	---	---	---	---	---	---	---	---	1.9	.0	.7
21	---	---	---	---	---	---	---	---	---	2.1	.2	.9
22	---	---	---	---	---	---	---	---	---	1.4	.4	.9
23	---	---	---	---	---	---	---	---	---	3.7	.3	1.4
24	---	---	---	---	---	---	---	---	---	2.4	.5	1.1
25	---	---	---	---	---	---	---	---	---	3.8	.0	1.4
26	---	---	---	---	---	---	---	---	---	2.5	.0	1.0
27	---	---	---	---	---	---	---	---	---	2.8	.0	1.0
28	---	---	---	---	---	---	---	---	---	3.0	.4	1.4
29	---	---	---	---	---	---	---	---	---	3.7	.8	1.9
30	---	---	---	---	---	---	---	---	---	4.5	.9	2.5
31	---	---	---	---	---	---	---	---	---	6.0	.8	3.1
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 18. Daily maximum, minimum, and mean water temperature for site CC2--Continued

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.3	1.2	3.5	11.6	3.8	6.8	12.4	6.5	9.2	11.0	5.6	8.0
2	6.0	1.2	3.6	12.0	2.6	6.7	12.2	7.1	9.4	12.9	7.1	9.1
3	7.6	1.2	4.4	12.0	3.2	7.1	13.9	5.6	8.9	12.4	5.8	8.5
4	8.6	2.4	5.6	12.0	4.3	7.5	13.9	7.1	9.5	12.8	6.6	9.3
5	7.4	2.6	4.8	10.2	3.9	6.5	9.9	7.9	9.0	12.6	5.1	8.1
6	5.3	2.3	3.9	10.6	4.2	6.5	7.9	5.9	7.0	10.3	5.5	7.3
7	7.1	2.0	4.1	12.2	3.4	7.1	9.5	4.4	6.8	11.7	3.5	6.8
8	5.1	2.6	3.8	9.1	4.6	6.5	12.0	4.7	7.9	11.1	3.0	6.3
9	5.7	1.3	3.5	10.1	3.5	6.3	9.3	5.4	7.2	10.3	3.9	6.6
10	7.3	2.7	4.7	11.0	4.0	7.0	10.6	7.0	8.2	9.1	3.5	6.2
11	8.0	2.1	4.8	8.2	4.9	6.5	9.8	4.4	6.6	9.6	4.5	7.0
12	8.6	2.6	5.1	11.1	3.6	6.7	10.7	3.3	6.3	10.9	4.9	7.0
13	7.2	1.3	4.9	12.5	4.1	7.5	11.7	4.2	7.0	10.6	2.7	6.1
14	8.1	3.8	5.6	13.5	3.7	7.9	9.4	4.6	6.6	10.0	3.7	6.3
15	9.7	2.3	5.6	14.0	4.4	8.4	12.9	4.5	7.7	8.9	3.6	6.0
16	7.6	3.3	5.3	10.7	4.7	7.5	12.2	4.4	7.7	8.9	4.3	6.0
17	9.5	3.6	6.1	10.0	4.7	7.2	10.0	4.8	7.3	8.9	2.5	5.3
18	11.7	3.8	6.9	9.6	4.6	6.8	11.1	5.8	7.8	8.8	4.1	6.1
19	11.8	5.2	8.0	9.4	5.0	7.3	10.6	4.3	6.9	8.7	4.1	6.1
20	11.7	4.6	7.7	10.1	5.2	7.6	12.5	4.1	7.5	7.1	4.1	5.5
21	11.0	4.4	7.5	11.1	4.4	7.5	9.5	4.8	6.7	7.4	4.5	5.5
22	12.5	5.1	8.2	9.8	5.1	7.5	11.1	4.6	7.5	7.4	3.4	4.9
23	9.8	5.1	7.2	10.2	5.5	7.9	12.2	4.4	7.8	4.9	2.7	3.7
24	9.7	4.1	6.6	14.7	5.7	9.3	12.2	4.8	7.9	8.2	.6	3.8
25	11.6	4.4	7.2	11.5	5.8	8.7	9.7	5.5	7.5	8.2	.2	4.0
26	12.2	4.7	7.8	11.2	5.7	8.1	12.4	6.1	8.6	8.2	3.6	5.7
27	9.8	4.6	7.1	10.3	7.1	8.3	12.6	5.4	8.4	9.2	3.4	5.7
28	10.6	4.3	7.0	9.2	6.8	7.7	13.4	5.9	9.0	7.6	1.1	4.0
29	10.0	3.9	6.7	11.2	7.3	8.9	12.3	5.8	8.2	7.4	.3	3.3
30	12.5	3.3	7.2	14.2	7.8	10.2	10.1	4.7	7.3	8.2	1.1	4.1
31	---	---	---	11.0	7.5	9.4	9.6	4.9	7.2	---	---	---
MONTH	12.5	1.2	5.8	14.7	2.6	7.6	13.9	3.3	7.8	12.9	.2	6.1

Table 19. Daily maximum, minimum, and mean water temperature for site CC5

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.0	1.6	3.5	3.7	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	5.0	.2	1.8	---	---	---	---	---	---	---	---	---
6	5.5	.0	1.6	---	---	---	---	---	---	---	---	---
7	6.6	.4	2.8	---	---	---	---	---	---	---	---	---
8	6.0	.2	2.7	---	---	---	---	---	---	---	---	---
9	5.8	.5	2.7	---	---	---	---	---	---	---	---	---
10	7.2	1.1	3.5	---	---	---	---	---	---	---	---	---
11	7.8	1.3	3.9	---	---	---	---	---	---	---	---	---
12	6.2	2.1	3.8	---	---	---	---	---	---	---	---	---
13	5.0	.0	2.3	1.1	.0	.5	---	---	---	---	---	---
14	6.2	.1	2.5	2.1	.2	1.1	---	---	---	---	---	---
15	7.1	.9	3.4	1.4	.0	.5	---	---	---	---	---	---
16	7.0	1.1	3.6	1.6	.0	.7	---	---	---	---	---	---
17	6.6	1.1	3.3	1.1	.0	.5	---	---	---	---	---	---
18	6.5	1.3	3.4	1.6	.0	.6	---	---	---	---	---	---
19	4.4	.6	2.2	1.5	.0	.5	---	---	---	---	---	---
20	4.9	.0	1.7	1.7	.0	.7	---	---	---	---	---	---
21	5.5	.3	2.5	1.3	.0	.4	---	---	---	---	---	---
22	2.6	.0	1.0	.4	.0	.1	---	---	---	---	---	---
23	.0	.0	.0	1.1	.0	.2	---	---	---	---	---	---
24	1.2	.0	.2	.6	.0	.2	---	---	---	---	---	---
25	2.5	.0	.8	1.7	.0	.5	---	---	---	---	---	---
26	1.9	.0	.7	.7	.0	.1	---	---	---	---	---	---
27	2.1	.0	.6	---	---	---	---	---	---	---	---	---
28	3.8	.0	1.4	---	---	---	---	---	---	---	---	---
29	4.8	.6	2.1	---	---	---	---	---	---	---	---	---
30	4.1	1.0	2.3	---	---	---	---	---	---	---	---	---
31	4.1	1.0	2.2	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	5.9	.3	2.3
2	---	---	---	---	---	---	---	---	---	5.5	.8	2.7
3	---	---	---	---	---	---	---	---	---	5.5	1.0	2.8
4	---	---	---	---	---	---	---	---	---	6.6	.2	2.7
5	---	---	---	---	---	---	---	---	---	7.1	.1	2.7
6	---	---	---	---	---	---	---	---	---	6.9	.0	2.7
7	---	---	---	---	---	---	---	---	---	7.2	.0	2.5
8	---	---	---	---	---	---	---	---	---	7.7	.0	2.7
9	---	---	---	---	---	---	---	---	---	7.6	.2	2.8
10	---	---	---	---	---	---	---	---	---	6.9	.3	2.7
11	---	---	---	---	---	---	---	---	---	8.2	.3	2.9
12	---	---	---	---	---	---	---	---	---	8.1	.6	3.0
13	---	---	---	---	---	---	---	---	---	7.7	.4	2.6
14	---	---	---	---	---	---	---	---	---	7.1	.5	2.8
15	---	---	---	---	---	---	---	---	---	8.2	.5	3.1
16	---	---	---	---	---	---	---	---	---	8.4	.9	3.4
17	---	---	---	---	---	---	---	---	---	7.7	1.3	3.2
18	---	---	---	---	---	---	---	---	---	8.5	1.1	3.5
19	---	---	---	---	---	---	---	---	---	8.5	1.5	3.8
20	---	---	---	---	---	---	---	---	---	7.3	1.2	3.3
21	---	---	---	---	---	---	1.3	.0	.3	9.3	1.2	4.1
22	---	---	---	---	---	---	1.6	.0	.3	9.0	1.3	4.3
23	---	---	---	---	---	---	3.2	.0	.9	7.5	1.8	3.9
24	---	---	---	---	---	---	3.9	.4	1.6	7.5	2.1	4.0
25	---	---	---	---	---	---	4.3	.0	1.6	3.2	.9	2.5
26	---	---	---	---	---	---	4.4	.0	1.6	2.6	.0	1.0
27	---	---	---	---	---	---	4.5	.5	1.9	4.1	.6	2.2
28	---	---	---	---	---	---	1.0	.0	.1	6.7	.6	2.8
29	---	---	---	---	---	---	---	---	---	9.9	.7	4.1
30	---	---	---	---	---	---	---	---	---	7.8	1.3	4.2
31	---	---	---	---	---	---	---	---	---	8.5	1.0	4.2
MONTH	---	---	---	---	---	---	---	---	---	9.9	.0	3.1

Table 19. Daily maximum, minimum, and mean water temperature for site CC5--Continued

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	8.9	1.9	4.6	12.0	4.4	7.4	14.4	5.4	9.0	12.0	4.4	7.9
2	10.5	1.2	5.0	---	---	---	13.1	6.3	9.0	11.8	5.7	8.2
3	11.1	1.7	5.5	---	---	---	12.9	6.2	8.7	12.6	4.9	8.3
4	8.6	2.6	5.3	---	---	---	13.4	6.3	8.7	12.6	5.3	8.5
5	11.4	2.8	6.0	---	---	---	14.0	5.0	8.5	11.4	5.5	8.2
6	10.5	2.5	5.7	---	---	---	14.3	5.2	8.8	8.2	6.4	7.5
7	11.0	1.6	5.7	---	---	---	11.1	5.6	7.8	11.5	4.0	6.9
8	11.7	2.1	6.0	---	---	---	10.9	5.0	7.6	11.9	3.4	7.0
9	10.4	3.1	6.0	---	---	---	12.1	5.5	8.4	10.0	4.0	6.8
10	9.1	3.0	5.7	12.3	5.4	8.0	12.1	4.5	7.7	9.6	4.2	6.8
11	11.0	2.8	6.0	13.0	5.0	8.1	13.6	4.2	8.2	9.6	4.2	7.0
12	8.2	2.8	5.3	11.3	5.6	8.1	14.4	5.2	8.9	11.3	5.6	7.8
13	9.7	3.2	5.6	11.5	6.1	8.0	11.0	5.4	8.1	9.3	5.8	7.4
14	7.0	3.5	5.2	13.0	5.4	8.4	11.1	6.1	8.4	8.7	4.0	6.2
15	5.4	3.8	4.8	11.9	5.3	8.0	13.3	5.9	9.0	10.7	4.5	6.8
16	11.5	2.8	6.1	11.0	6.4	8.2	13.4	5.8	8.8	10.7	3.1	6.4
17	11.1	3.3	6.6	12.7	6.5	9.0	12.0	5.2	8.1	6.2	3.6	4.8
18	11.5	3.1	6.5	10.2	6.5	8.0	13.6	5.9	9.1	6.8	1.5	3.8
19	11.5	3.3	6.7	12.4	5.6	8.4	10.9	6.6	8.4	6.7	.4	2.8
20	11.5	4.0	7.0	13.3	5.8	8.9	12.9	6.0	8.6	7.4	1.7	4.0
21	8.8	4.8	6.6	14.0	5.6	8.9	10.4	6.9	8.4	9.4	2.0	5.0
22	9.8	4.8	6.5	13.5	5.1	8.4	11.2	6.1	8.1	9.4	3.4	5.8
23	11.1	3.1	6.4	13.9	6.0	8.9	10.3	5.5	7.8	7.4	3.9	5.4
24	11.1	4.3	6.9	12.3	5.1	8.2	12.9	5.1	8.4	9.1	3.7	5.7
25	10.9	3.8	6.6	11.5	6.4	8.3	13.8	5.0	8.7	7.0	2.9	4.7
26	11.5	4.3	7.1	10.7	5.4	7.6	11.2	6.0	8.1	3.0	.4	1.5
27	9.5	5.5	7.0	12.3	5.3	8.0	10.1	6.1	7.7	3.5	.0	1.1
28	9.0	5.0	6.7	11.5	6.2	8.4	11.4	5.4	7.8	7.8	.9	3.8
29	11.1	3.8	6.8	---	---	---	12.7	5.4	8.6	8.6	1.1	4.2
30	11.5	5.3	7.6	13.6	5.8	8.7	11.3	5.5	8.3	9.3	1.9	5.0
31	---	---	---	12.0	5.5	8.3	13.1	4.8	8.2	---	---	---
MONTH	11.7	1.2	6.1	---	---	---	14.4	4.2	8.4	12.6	.0	5.8

Table 19. Daily maximum, minimum, and mean water temperature for site CC5--Continued

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.8	2.3	4.7	---	---	---	---	---	---	---	---	---
2	9.0	2.2	5.3	---	---	---	---	---	---	---	---	---
3	8.6	4.6	6.1	---	---	---	---	---	---	---	---	---
4	6.8	2.8	4.9	---	---	---	---	---	---	---	---	---
5	8.8	2.4	5.2	---	---	---	---	---	---	---	---	---
6	8.4	2.0	4.9	---	---	---	---	---	---	---	---	---
7	8.6	2.5	5.1	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	4.9	.1	1.6
2	---	---	---	---	---	---	---	---	---	5.0	.1	1.4
3	---	---	---	---	---	---	---	---	---	6.4	.1	2.3
4	---	---	---	---	---	---	---	---	---	8.0	.4	3.6
5	---	---	---	---	---	---	---	---	---	8.0	.5	3.9
6	---	---	---	---	---	---	---	---	---	7.3	.7	3.5
7	---	---	---	---	---	---	---	---	---	7.8	.8	3.3
8	---	---	---	---	---	---	---	---	---	7.9	.2	3.0
9	---	---	---	---	---	---	---	---	---	8.2	.2	3.1
10	---	---	---	---	---	---	---	---	---	8.1	.2	3.0
11	---	---	---	---	---	---	---	---	---	6.0	.3	2.2
12	---	---	---	---	---	---	---	---	---	7.5	.4	2.9
13	---	---	---	---	---	---	---	---	---	7.6	.9	3.1
14	---	---	---	---	---	---	---	---	---	6.9	.6	2.8
15	---	---	---	---	---	---	---	---	---	8.6	.7	3.2
16	---	---	---	---	---	---	---	---	---	7.8	.9	3.1
17	---	---	---	---	---	---	---	---	---	7.6	1.0	3.2
18	---	---	---	---	---	---	---	---	---	7.6	1.1	3.1
19	---	---	---	---	---	---	---	---	---	8.2	1.3	3.6
20	---	---	---	---	---	---	---	---	---	5.8	1.0	3.0
21	---	---	---	---	---	---	---	---	---	6.0	1.5	3.3
22	---	---	---	---	---	---	---	---	---	3.9	2.2	3.0
23	---	---	---	---	---	---	---	---	---	9.1	1.5	4.2
24	---	---	---	---	---	---	---	---	---	5.7	2.0	3.3
25	---	---	---	---	---	---	---	---	---	8.3	1.2	3.6
26	---	---	---	---	---	---	---	---	---	6.3	.9	3.1
27	---	---	---	---	---	---	---	---	---	5.6	1.2	2.8
28	---	---	---	---	---	---	---	---	---	5.7	1.8	3.5
29	---	---	---	---	---	---	---	---	---	6.9	2.5	4.3
30	---	---	---	---	---	---	---	---	---	9.9	2.5	5.1
31	---	---	---	---	---	---	---	---	---	10.9	2.4	5.5
MONTH	---	---	---	---	---	---	---	---	---	10.9	.1	.2

Table 19. Daily maximum, minimum, and mean water temperature for site CC5--Continued

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.8	2.7	5.6	10.5	4.2	6.5	12.8	6.5	8.7	11.3	6.7	8.6
2	9.0	2.5	5.2	11.0	3.8	6.6	11.3	7.1	8.8	13.2	7.4	9.4
3	10.2	2.2	5.6	10.9	3.9	6.8	13.2	6.1	8.5	13.9	6.8	9.0
4	10.4	3.1	6.2	10.4	4.6	6.9	13.1	6.9	9.0	13.2	7.0	9.4
5	9.1	3.2	5.5	9.2	4.4	6.3	9.7	7.4	8.4	12.1	6.2	8.6
6	6.0	3.4	4.5	9.6	4.7	6.5	7.6	6.2	7.0	10.7	6.4	8.0
7	7.9	2.9	4.9	11.5	4.3	7.0	9.6	5.2	7.3	11.1	5.1	7.5
8	5.3	3.2	4.2	7.9	5.0	6.4	12.7	5.5	8.3	11.9	4.9	7.6
9	6.7	2.3	4.2	9.1	4.4	6.4	9.9	6.2	7.7	11.6	5.6	7.8
10	8.3	3.3	5.1	10.4	4.8	7.0	10.4	7.0	8.2	11.4	5.3	7.7
11	9.9	2.8	5.6	7.9	5.3	6.5	9.8	5.3	7.1	10.4	6.0	8.0
12	9.1	3.1	5.5	10.3	4.8	6.9	11.6	4.8	7.4	12.1	6.1	8.1
13	8.3	2.4	5.4	11.9	4.8	7.5	11.7	5.6	7.8	12.6	4.8	7.7
14	8.9	4.0	5.8	12.7	4.6	7.7	10.8	5.8	7.6	11.8	5.4	7.9
15	10.2	2.8	5.7	12.9	5.0	8.0	12.8	5.9	8.3	10.4	5.4	7.4
16	8.0	3.4	5.3	10.3	5.3	7.4	11.7	6.0	8.3	10.4	5.6	7.3
17	9.3	3.9	6.0	9.8	5.3	7.2	10.4	6.1	8.0	10.9	4.6	7.0
18	10.5	3.9	6.4	9.0	5.4	6.9	11.3	6.7	8.3	---	---	---
19	11.1	4.9	7.2	9.5	5.5	7.3	10.7	5.9	7.7	---	---	---
20	11.1	4.3	7.0	10.0	5.7	7.6	12.2	5.7	8.1	---	---	---
21	10.0	4.2	6.7	10.7	5.2	7.6	10.5	6.2	7.7	---	---	---
22	11.0	4.8	7.3	10.2	5.8	7.6	11.7	6.1	8.2	---	---	---
23	8.7	4.5	6.3	9.9	6.0	7.9	12.4	6.0	8.6	---	---	---
24	9.2	4.1	6.2	13.7	6.1	9.0	12.5	6.4	8.7	---	---	---
25	9.7	4.5	6.5	11.0	6.1	8.3	10.2	6.7	8.3	---	---	---
26	10.8	4.7	6.9	10.7	6.1	8.0	12.0	7.1	8.9	---	---	---
27	8.5	4.5	6.4	10.0	7.1	8.0	12.5	6.5	8.9	---	---	---
28	9.8	4.4	6.5	9.5	6.8	7.7	14.3	6.8	9.5	---	---	---
29	10.0	4.3	6.7	10.4	7.2	8.5	12.3	6.8	8.6	---	---	---
30	11.2	4.1	6.9	13.9	7.3	9.5	10.4	6.1	8.0	---	---	---
31	---	---	---	10.2	7.2	8.6	10.6	6.3	8.1	---	---	---
MONTH	11.2	2.2	5.9	13.9	3.8	7.4	14.3	4.8	8.2	---	---	---

Table 20. Daily maximum, minimum, and mean water temperature for site CC7

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.5	7.1	7.5	5.4	3.2	4.4	3.6	2.5	2.8	2.1	1.6	1.8
2	8.7	7.0	7.5	4.3	2.6	3.3	3.2	2.3	2.5	1.9	1.2	1.6
3	8.7	6.8	7.4	4.5	2.5	3.2	3.0	2.0	2.3	2.4	1.7	2.1
4	7.6	6.0	6.9	4.4	2.8	3.3	3.3	2.2	2.6	2.5	1.1	2.0
5	7.4	5.9	6.4	4.7	3.0	3.6	3.2	1.8	2.7	2.3	1.3	1.9
6	7.8	5.5	6.3	4.8	3.4	3.8	3.3	2.2	2.7	2.0	1.0	1.5
7	7.9	5.9	6.5	4.7	3.3	3.7	3.0	2.0	2.4	2.7	1.8	2.1
8	7.6	5.7	6.4	5.0	3.2	3.7	2.3	1.4	1.8	2.6	1.9	2.1
9	7.4	5.9	6.4	4.4	3.0	3.8	2.5	1.7	2.0	2.8	1.9	2.2
10	7.9	5.9	6.5	3.6	1.3	2.8	3.1	2.1	2.4	2.5	1.7	2.1
11	8.0	5.9	6.5	4.1	1.6	3.2	3.2	2.2	2.6	3.0	1.6	2.1
12	7.9	6.1	6.7	4.0	3.3	3.6	3.5	2.5	2.9	2.9	1.8	2.1
13	6.8	5.2	5.8	4.2	3.4	3.6	3.2	1.9	2.8	3.0	1.9	2.1
14	7.4	5.5	6.0	4.8	3.1	3.6	2.8	1.6	2.1	2.8	1.7	2.0
15	7.6	5.7	6.2	4.3	2.8	3.2	2.8	1.5	2.0	2.8	1.7	2.1
16	7.4	5.5	6.2	4.2	2.7	3.3	2.9	1.8	2.2	2.7	1.9	2.1
17	7.3	5.5	6.1	4.0	2.5	3.0	2.7	1.4	1.9	2.4	1.1	1.9
18	7.2	5.5	6.0	4.2	2.7	3.1	2.2	1.2	1.5	1.5	.2	.8
19	6.5	5.0	5.5	4.0	2.7	3.0	2.2	1.2	1.5	1.7	1.1	1.5
20	6.7	4.9	5.4	3.9	2.7	3.0	2.1	1.1	1.4	1.5	.8	1.1
21	6.8	5.2	5.7	3.8	2.5	2.9	2.2	1.1	1.4	2.4	1.0	1.7
22	5.7	4.3	5.1	3.5	2.5	2.9	2.0	1.1	1.4	2.3	1.3	1.7
23	5.4	4.0	4.4	3.6	2.3	2.7	2.0	1.0	1.3	1.6	.7	1.0
24	5.7	4.1	4.6	3.9	2.3	2.9	2.3	1.4	1.7	1.9	.8	1.5
25	5.8	4.3	4.8	3.8	2.8	3.0	2.4	1.4	1.7	1.7	.9	1.4
26	5.5	4.3	4.7	3.6	2.4	2.9	2.4	1.5	1.7	1.5	.8	1.1
27	5.3	4.1	4.5	2.4	1.5	2.0	2.4	1.5	1.7	2.5	.8	1.6
28	5.8	4.4	4.8	2.3	1.3	1.8	2.5	1.5	1.9	1.9	1.3	1.6
29	5.4	4.6	4.9	3.2	2.1	2.6	2.4	1.6	1.8	2.5	1.4	1.8
30	5.5	4.4	4.8	3.3	2.5	2.8	2.5	1.5	2.0	2.2	1.4	1.8
31	5.9	4.5	4.9	---	---	---	2.5	1.1	1.9	2.5	.9	1.8
MONTH	8.7	4.0	5.9	5.4	1.3	3.2	3.6	1.0	2.1	3.0	.2	1.7

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	2.5	.3	1.1	4.2	1.7	2.4	6.2	2.4	3.5
2	---	---	---	2.9	.3	1.3	4.4	1.8	2.5	5.7	2.6	3.5
3	---	---	---	3.4	.3	1.8	3.5	1.4	2.2	6.2	2.7	3.7
4	---	---	---	3.3	1.8	2.2	2.4	1.2	1.6	6.5	2.4	3.7
5	---	---	---	3.3	1.6	2.2	3.3	1.1	1.9	6.6	2.5	3.8
6	---	---	---	3.1	1.1	1.8	3.6	1.4	2.1	6.0	2.5	3.7
7	---	---	---	3.3	.6	1.7	3.4	1.8	2.4	6.5	2.5	3.8
8	4.0	2.0	2.4	2.9	1.3	2.0	4.2	2.0	2.6	6.5	2.7	3.9
9	3.7	1.9	2.5	4.2	1.7	2.4	4.5	1.9	2.6	6.7	3.0	3.9
10	4.4	1.1	2.3	3.5	1.9	2.5	4.0	2.0	2.6	5.7	2.9	3.9
11	3.4	.7	1.5	4.2	1.9	2.5	4.2	2.1	2.5	6.4	3.3	4.3
12	3.6	.8	1.6	3.7	1.8	2.4	3.8	1.7	2.4	6.5	3.7	4.6
13	4.1	1.0	2.1	4.0	1.0	2.3	2.5	1.5	2.0	6.7	3.9	4.6
14	4.2	1.6	2.4	3.0	1.0	2.2	3.3	1.5	2.0	6.4	4.1	4.8
15	3.7	1.0	1.8	4.2	1.2	2.3	4.6	1.3	2.4	6.9	4.3	5.2
16	4.1	1.4	2.1	4.1	1.8	2.4	4.7	1.7	2.6	7.4	5.1	5.9
17	4.1	1.5	2.3	2.4	1.4	1.8	4.9	1.7	2.7	7.3	5.4	6.0
18	3.5	1.0	2.1	2.1	1.2	1.6	3.6	1.5	2.2	7.5	5.5	6.1
19	3.2	1.4	2.2	3.7	1.2	1.9	3.3	1.0	1.8	7.7	5.8	6.3
20	3.2	.6	2.3	4.1	1.1	2.1	3.8	1.1	1.9	7.1	5.6	6.1
21	3.2	.6	2.6	4.0	1.8	2.4	4.6	1.4	2.4	7.8	5.9	6.6
22	3.6	1.4	2.5	3.8	1.9	2.4	4.4	1.2	2.2	8.3	6.3	7.1
23	2.9	.1	1.3	4.3	1.5	2.4	5.7	1.6	2.9	8.5	7.0	7.5
24	3.7	1.2	2.0	2.7	.8	1.6	6.3	2.4	3.5	7.4	7.0	7.1
25	3.8	1.3	2.0	2.8	.8	1.6	5.4	1.8	3.0	7.0	5.8	6.7
26	2.1	.9	1.5	3.6	.9	1.8	5.7	2.0	3.1	6.4	5.1	5.9
27	2.2	.8	1.3	3.8	1.1	2.0	5.3	2.1	3.0	6.8	5.7	6.0
28	2.8	.3	1.1	3.5	1.4	2.1	2.4	1.2	1.8	6.5	5.1	5.9
29	---	---	---	3.8	1.5	2.2	5.1	1.2	2.4	7.7	5.6	6.4
30	---	---	---	3.8	1.6	2.2	3.8	1.8	2.7	7.8	6.2	6.8
31	---	---	---	4.0	1.6	2.4	---	---	---	8.0	6.1	6.7
MONTH	---	---	---	4.3	.3	2.1	6.3	1.0	2.4	8.5	2.4	5.3

Table 20. Daily maximum, minimum, and mean water temperature for site CC7--Continued

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	7.9	6.1	6.8	12.1	10.3	11.0	13.0	10.1	11.2	12.2	9.9	10.5
2	8.5	6.2	7.0	12.1	10.5	11.1	10.1	7.7	9.1	11.9	10.0	10.6
3	9.1	6.6	7.4	12.1	10.7	11.1	9.0	7.2	7.6	12.0	9.9	10.6
4	9.1	7.0	7.7	12.2	10.8	11.1	9.0	7.1	7.6	12.2	10.0	10.6
5	9.7	7.1	7.9	12.2	10.8	11.3	9.3	7.3	8.0	11.1	10.1	10.5
6	9.3	7.0	7.8	12.7	10.9	11.4	9.9	7.8	8.6	10.7	9.9	10.3
7	9.6	7.2	8.0	12.7	11.1	11.6	10.1	8.4	9.0	11.8	9.7	10.3
8	10.1	7.5	8.3	12.6	11.3	11.8	10.5	8.9	9.4	12.0	9.7	10.4
9	9.9	7.5	8.2	12.5	11.5	11.8	11.1	9.3	9.9	11.7	9.3	10.2
10	9.7	7.5	8.1	12.8	11.3	11.7	11.2	9.4	10.0	12.0	9.9	10.5
11	9.9	7.5	8.2	12.8	11.4	11.9	11.5	9.6	10.2	12.0	9.6	10.3
12	9.3	7.6	8.1	12.9	11.5	12.0	11.9	9.9	10.5	11.7	9.5	10.1
13	9.9	7.7	8.4	13.1	11.7	12.2	11.4	9.9	10.4	11.4	9.4	10.0
14	9.3	7.9	8.6	13.3	11.7	12.4	11.3	10.1	10.5	11.2	9.2	9.8
15	8.7	7.6	8.3	13.6	12.0	12.5	12.0	10.1	10.7	11.7	9.2	10.0
16	10.1	7.5	8.5	13.2	12.1	12.5	11.8	10.1	10.6	11.9	8.8	9.8
17	10.1	8.2	8.9	13.3	12.1	12.5	12.1	9.9	10.5	10.1	9.0	9.4
18	10.5	8.3	9.2	13.2	12.1	12.4	12.0	10.0	10.6	10.4	7.3	9.2
19	10.6	8.7	9.5	13.3	11.9	12.3	11.3	10.2	10.5	10.0	8.1	8.7
20	11.1	9.0	9.8	13.4	11.9	12.4	12.2	10.1	10.7	10.4	8.4	8.9
21	10.4	9.1	9.7	13.7	11.8	12.4	11.9	10.4	10.7	10.7	8.3	9.1
22	10.8	8.7	9.4	13.7	11.7	12.3	11.6	10.3	10.6	10.7	8.6	9.1
23	11.0	8.6	9.6	13.7	11.6	12.4	12.0	10.3	10.7	10.5	8.4	8.9
24	11.4	9.3	10.1	13.9	11.9	12.6	12.2	10.2	10.8	10.1	8.2	8.8
25	11.3	9.5	10.1	13.6	12.2	12.6	12.3	10.3	10.9	9.5	7.0	8.3
26	11.6	9.6	10.2	13.6	11.8	12.3	12.3	10.2	10.8	8.1	6.2	7.1
27	11.1	10.0	10.4	13.4	11.5	12.1	11.4	10.1	10.6	8.0	5.2	6.9
28	10.9	9.7	10.2	13.3	11.7	12.2	12.2	10.1	10.6	9.3	7.1	7.7
29	11.5	9.5	10.3	12.3	11.7	12.1	11.9	10.1	10.6	9.4	7.0	7.7
30	11.8	10.2	10.7	13.7	11.1	12.0	11.6	10.1	10.5	9.6	7.1	7.9
31	---	---	---	13.7	10.9	11.7	12.1	9.8	10.5	---	---	---
MONTH	11.8	6.1	8.8	13.9	10.3	12.0	13.0	7.1	10.1	12.2	5.2	9.4

Table 20. Daily maximum, minimum, and mean water temperature for site CC7--Continued

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	9.5	7.3	7.9	5.7	3.9	4.4	2.8	1.3	2.2	3.2	2.1	2.6
2	9.5	7.1	8.0	5.8	3.8	4.4	2.5	1.2	1.8	3.8	2.6	3.1
3	9.7	7.8	8.3	5.8	3.9	4.6	2.5	1.3	1.8	3.3	2.0	2.7
4	8.8	7.4	8.0	5.4	3.9	4.4	2.1	.8	1.5	2.0	.9	1.4
5	9.5	7.3	8.0	5.5	3.7	4.2	2.5	1.4	2.2	1.8	.7	1.1
6	9.4	7.1	7.9	4.2	2.6	3.4	2.6	2.1	2.3	1.7	.5	1.0
7	9.3	7.3	7.9	3.9	2.3	2.8	2.6	1.8	2.1	2.0	.5	1.3
8	9.8	7.1	7.9	4.9	2.3	3.5	3.3	2.3	2.7	2.2	1.0	1.5
9	9.9	7.2	7.9	5.3	3.2	3.9	3.6	2.4	2.8	2.0	1.3	1.5
10	9.5	7.1	7.8	5.2	3.4	4.0	3.2	2.2	2.6	2.1	1.5	1.9
11	9.5	7.2	7.9	5.3	3.0	3.7	2.9	1.7	2.5	1.9	.5	1.1
12	9.4	7.1	7.8	5.4	3.2	3.8	3.1	2.4	2.7	1.5	.4	.9
13	9.3	7.0	7.7	5.3	3.3	3.8	3.3	2.1	2.5	2.3	1.3	1.8
14	8.4	7.0	7.5	5.2	3.3	3.9	2.5	1.3	1.7	2.5	1.4	1.8
15	8.7	6.7	7.3	3.7	2.1	3.1	1.9	.8	1.3	2.6	1.3	1.7
16	8.3	6.0	6.8	3.5	1.8	2.6	2.1	1.0	1.5	2.1	1.0	1.4
17	6.9	5.4	5.8	3.7	2.1	2.9	1.2	.6	.8	2.5	1.3	1.7
18	7.9	5.4	6.4	4.1	3.4	3.7	1.3	.1	.9	3.1	1.8	2.2
19	8.0	6.4	6.7	4.9	3.4	3.8	2.1	1.3	1.7	3.2	1.7	2.1
20	6.8	4.7	5.7	4.7	2.9	3.7	2.3	1.5	1.9	3.2	1.7	2.2
21	6.1	4.3	4.9	4.6	2.8	3.3	2.8	2.1	2.3	2.3	1.1	1.7
22	6.6	4.2	5.1	4.8	3.1	3.7	2.7	2.1	2.3	2.4	1.1	1.6
23	6.5	5.2	5.6	4.1	2.8	3.4	2.3	1.4	2.0	2.5	1.3	1.7
24	6.2	4.9	5.2	3.8	2.2	2.7	2.2	1.3	1.8	1.9	1.0	1.3
25	6.5	5.1	5.5	3.9	2.2	2.8	2.6	1.8	2.1	2.9	1.1	1.9
26	5.9	3.8	4.8	3.2	2.0	2.4	3.0	1.7	2.2	2.8	1.7	2.1
27	6.4	4.5	5.2	2.9	1.6	2.0	3.0	2.1	2.4	3.1	1.1	2.0
28	6.7	4.9	5.5	3.3	1.8	2.2	2.5	1.6	2.0	2.7	.9	1.5
29	5.4	3.8	4.5	3.2	1.8	2.3	3.1	1.8	2.3	2.9	1.3	1.9
30	6.2	4.3	4.7	2.7	1.4	2.0	3.1	2.2	2.5	3.2	1.4	2.1
31	5.7	3.9	4.5	---	---	---	3.3	2.2	2.6	3.5	2.2	2.5
MONTH	9.9	3.8	6.6	5.8	1.4	3.4	3.6	.1	2.1	3.8	.4	1.8
		FEBRUARY			MARCH			APRIL			MAY	
1	3.3	1.7	2.1	2.9	.7	1.3	3.0	.6	1.8	5.3	2.0	3.1
2	3.4	1.5	2.1	3.4	1.0	1.8	2.6	.6	1.9	5.6	1.7	2.8
3	2.4	.8	1.6	2.2	.9	1.5	6.0	1.7	3.0	6.4	2.1	3.4
4	2.3	.8	1.4	2.6	.5	1.3	4.4	.1	2.4	6.8	2.6	3.9
5	2.8	.9	1.5	2.8	.0	1.0	4.4	1.0	2.0	7.2	2.7	4.1
6	2.0	1.0	1.3	3.6	.0	1.7	4.2	.6	1.7	7.4	2.8	4.2
7	2.6	.7	1.3	3.7	1.1	1.8	4.7	.9	2.0	7.0	3.1	4.2
8	2.6	.6	1.2	3.9	1.0	1.9	4.8	1.2	2.4	7.0	2.8	4.1
9	2.5	.9	1.4	3.9	1.0	1.8	5.2	1.3	2.6	6.8	2.8	4.1
10	2.7	.9	1.5	4.2	1.2	2.0	2.3	.6	1.3	6.9	3.0	4.3
11	2.8	1.2	1.8	4.6	1.3	2.2	3.2	.5	1.2	5.3	3.0	3.8
12	3.2	1.2	1.8	4.5	1.4	2.3	3.0	.2	1.2	6.7	3.2	4.3
13	3.0	.9	1.5	4.2	1.0	2.0	4.3	.5	1.7	7.0	3.4	4.5
14	2.4	.8	1.2	2.2	.7	1.5	4.5	1.1	2.2	6.2	3.5	4.4
15	2.8	.6	1.6	4.5	1.4	2.3	5.8	1.7	2.9	6.9	3.5	4.6
16	3.4	1.2	1.9	4.8	1.6	2.4	6.2	1.8	3.0	6.9	3.7	4.7
17	3.6	1.6	2.1	4.5	1.6	2.5	6.5	1.6	3.1	7.4	3.9	5.1
18	3.1	1.3	2.0	4.8	1.3	2.3	6.1	1.9	3.1	7.4	4.3	5.1
19	3.5	.9	1.7	5.3	1.7	2.7	6.6	2.1	3.4	7.6	4.3	5.2
20	2.3	.9	1.5	5.6	1.8	2.9	6.7	2.3	3.5	7.5	4.3	5.3
21	2.9	.8	1.4	5.5	2.1	3.0	3.9	2.0	2.8	6.7	4.8	5.5
22	2.8	.4	1.2	5.5	1.8	2.9	6.1	2.0	3.1	6.0	5.1	5.5
23	2.0	.9	1.3	5.7	1.9	3.0	4.7	1.9	2.7	7.6	5.5	6.4
24	2.6	.8	1.3	3.7	1.3	2.0	2.1	.6	1.3	7.9	6.4	7.1
25	3.1	.8	1.5	4.9	.7	2.1	5.1	1.6	2.7	8.1	6.6	7.1
26	2.9	1.0	1.6	5.8	1.5	2.8	4.1	1.9	2.6	7.9	6.7	7.1
27	3.2	1.0	1.6	5.6	1.1	2.7	5.8	1.5	3.0	8.0	6.6	7.0
28	1.9	.2	1.2	5.5	1.0	2.5	6.2	2.7	3.5	8.1	6.8	7.1
29	---	---	---	4.6	1.4	2.4	5.4	2.2	3.2	7.8	6.8	7.1
30	---	---	---	5.7	1.3	2.7	6.0	2.1	3.2	8.4	6.8	7.3
31	---	---	---	6.0	1.7	2.9	---	-	---	9.2	6.9	7.5
MONTH	3.6	.2	1.6	6.0	.0	2.2	6.7	.1	2.5	9.2	1.7	5.2

Table 20. Daily maximum, minimum, and mean water temperature for site CC7--Continued

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.4	7.0	7.9	11.3	9.6	10.3	13.1	11.1	11.6	12.4	11.0	11.5
2	8.7	7.2	7.8	11.6	9.7	10.4	12.8	11.3	11.7	13.0	10.5	11.6
3	9.2	7.2	7.8	11.3	9.6	10.3	13.4	11.3	11.9	13.1	11.0	11.6
4	9.5	7.4	8.1	11.4	9.7	10.3	12.8	11.3	11.8	13.2	11.2	11.8
5	9.4	7.6	8.2	11.0	9.7	10.2	12.2	11.5	11.8	12.6	11.0	11.5
6	8.7	7.5	8.1	11.5	9.9	10.4	11.8	11.5	11.6	12.4	11.0	11.5
7	9.3	7.3	7.9	11.8	9.8	10.5	12.7	11.4	11.9	12.9	10.8	11.5
8	8.3	7.7	8.0	10.8	9.7	10.1	13.2	11.3	11.9	12.9	10.7	11.5
9	8.4	7.4	7.8	11.2	9.8	10.3	12.3	11.2	11.6	12.8	11.0	11.5
10	8.8	7.4	7.9	11.3	9.7	10.3	12.4	11.4	11.7	12.9	10.9	11.6
11	9.3	7.4	8.1	10.7	9.9	10.3	12.8	11.4	11.8	12.5	11.0	11.6
12	9.2	7.7	8.3	11.4	9.8	10.4	12.7	11.2	11.7	12.6	10.9	11.4
13	9.7	7.7	8.6	11.7	9.9	10.5	12.6	11.1	11.6	12.5	10.7	11.3
14	9.7	8.3	8.9	12.0	9.8	10.6	12.6	11.0	11.4	12.5	10.9	11.3
15	9.7	8.3	8.8	12.2	10.1	10.8	12.9	10.9	11.5	12.3	10.7	11.3
16	9.2	8.2	8.6	11.4	10.0	10.6	12.7	10.9	11.4	11.9	10.7	11.1
17	9.6	8.0	8.6	11.7	10.3	10.7	12.2	10.8	11.4	12.3	10.4	11.0
18	10.0	8.2	8.9	11.2	10.1	10.6	12.9	11.0	11.4	12.4	10.6	11.3
19	10.2	8.6	9.1	11.7	10.5	10.8	12.5	11.0	11.4	12.3	10.4	11.1
20	10.5	8.4	9.2	11.8	10.4	10.9	12.7	10.9	11.5	12.1	10.2	10.8
21	10.4	8.9	9.6	12.2	10.2	10.8	12.9	11.0	11.4	11.4	10.4	10.8
22	11.1	9.1	10.0	12.0	10.4	10.9	12.8	10.9	11.5	11.3	10.1	10.5
23	10.6	9.7	10.1	11.9	10.6	11.1	12.7	10.9	11.5	10.6	9.7	10.1
24	10.5	9.3	9.8	12.7	10.6	11.3	12.7	11.1	11.6	11.5	9.5	10.1
25	10.5	9.0	9.5	12.2	10.6	11.1	12.7	11.1	11.5	11.6	9.2	10.1
26	10.9	9.1	9.7	11.8	10.6	11.0	12.9	11.2	11.7	11.0	9.9	10.4
27	10.5	9.1	9.7	11.9	10.7	11.0	12.7	11.0	11.6	11.4	9.6	10.2
28	10.9	9.3	9.9	12.0	10.6	11.0	12.9	11.0	11.6	11.0	9.0	9.7
29	11.1	9.5	10.1	12.0	10.9	11.4	12.7	11.0	11.5	11.0	8.9	9.5
30	11.5	9.6	10.4	13.2	11.3	11.8	12.2	10.9	11.4	11.0	9.0	9.7
31	---	---	---	12.2	11.3	11.7	12.3	10.9	11.4	---	---	---
MONTH	11.5	7.0	8.8	13.2	9.6	10.7	13.4	10.8	11.6	13.2	8.9	11.0

Table 21. Daily maximum, minimum, and mean water temperature for site CC9

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	3.2	1.2	2.2	1.5	.0	.6	---	---	---	---	---	---
2	---	---	---	.3	.0	.0	---	---	---	---	---	---
3	3.8	1.2	2.6	.3	.0	.0	---	---	---	---	---	---
4	3.0	.1	1.3	.2	.0	.0	---	---	---	---	---	---
5	.8	.0	.2	.2	.0	.0	---	---	---	---	---	---
6	.4	.0	.1	.3	.0	.0	---	---	---	---	---	---
7	1.6	.0	.7	.4	.0	.0	---	---	---	---	---	---
8	2.0	.0	1.1	.7	.0	.2	---	---	---	---	---	---
9	2.1	.2	1.0	.7	.0	.3	---	---	---	---	---	---
10	3.0	.3	1.7	.2	.0	.0	---	---	---	---	---	---
11	3.5	.6	2.2	.4	.0	.2	---	---	---	---	---	---
12	4.6	1.8	3.0	.8	.4	.6	---	---	---	---	---	---
13	2.7	.0	.8	1.0	.5	.7	---	---	---	---	---	---
14	2.0	.0	.9	1.4	.4	.8	---	---	---	---	---	---
15	3.2	.5	1.9	1.1	.2	.5	---	---	---	---	---	---
16	3.3	.5	2.1	1.3	.2	.6	---	---	---	---	---	---
17	3.2	.8	2.1	1.1	.2	.5	---	---	---	---	---	---
18	3.4	.6	2.1	1.4	.3	.6	---	---	---	---	---	---
19	2.5	.0	1.1	1.3	.4	.6	---	---	---	---	---	---
20	1.1	.0	.4	1.3	.3	.7	---	---	---	---	---	---
21	2.2	.1	1.1	1.2	.2	.5	---	---	---	---	---	---
22	1.4	.0	.4	1.1	.4	.6	---	---	---	---	---	---
23	.6	.0	.0	1.0	.1	.5	---	---	---	---	---	---
24	.5	.0	.1	1.2	.1	.6	---	---	---	---	---	---
25	.5	.0	.1	1.3	.5	.7	---	---	---	---	---	---
26	.3	.0	.0	1.2	.3	.6	---	---	---	---	---	---
27	.6	.0	.1	.3	.0	.1	---	---	---	---	---	---
28	1.1	.0	.3	---	---	---	---	---	---	---	---	---
29	1.2	.3	.6	---	---	---	---	---	---	---	---	---
30	1.6	.1	.7	---	---	---	---	---	---	---	---	---
31	2.1	.6	1.1	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	5.1	.5	2.1
2	---	---	---	---	---	---	---	---	---	4.7	1.0	2.3
3	---	---	---	---	---	---	---	---	---	5.3	1.1	2.6
4	---	---	---	---	---	---	---	---	---	6.0	.5	2.5
5	---	---	---	---	---	---	2.2	.0	.6	5.6	.3	2.2
6	---	---	---	---	---	---	2.8	.0	.9	4.9	.3	1.9
7	---	---	---	---	---	---	2.5	.4	1.1	5.2	.2	1.9
8	---	---	---	---	---	---	3.3	.6	1.4	5.3	.3	2.0
9	---	---	---	---	---	---	3.5	.3	1.3	5.1	.7	2.1
10	---	---	---	---	---	---	2.6	.3	1.1	4.8	.4	2.0
11	---	---	---	---	---	---	3.2	.4	1.1	5.9	.6	2.3
12	---	---	---	---	---	---	2.7	.0	1.0	6.0	1.0	2.4
13	---	---	---	---	---	---	.8	.0	.4	6.1	.7	2.3
14	---	---	---	---	---	---	1.7	.0	.4	5.1	.8	2.2
15	---	---	---	---	---	---	3.0	.0	.9	6.0	.6	2.4
16	---	---	---	---	---	---	3.6	.0	1.3	5.7	1.0	2.5
17	---	---	---	---	---	---	3.8	.3	1.4	4.8	1.2	2.4
18	---	---	---	---	---	---	2.2	.0	.6	5.4	1.0	2.5
19	---	---	---	---	---	---	.9	.0	.1	5.4	1.5	2.7
20	---	---	---	---	---	---	.8	.0	.1	4.1	1.1	2.2
21	---	---	---	---	---	---	2.5	.0	.7	5.9	.8	2.7
22	---	---	---	---	---	---	2.4	.0	.6	6.0	1.0	2.8
23	---	---	---	---	---	---	4.0	.0	1.4	5.3	1.5	2.8
24	---	---	---	---	---	---	4.9	.8	2.1	3.1	1.7	2.3
25	---	---	---	---	---	---	3.5	.0	1.3	2.2	.9	1.8
26	---	---	---	---	---	---	4.3	.1	1.6	1.4	.0	.6
27	---	---	---	---	---	---	3.8	.5	1.5	3.0	.6	1.6
28	---	---	---	---	---	---	.6	.0	.0	3.9	.4	1.8
29	---	---	---	---	---	---	1.3	.0	.4	7.4	.8	3.1
30	---	---	---	---	---	---	2.0	.0	.9	6.1	1.1	3.1
31	---	---	---	---	---	---	---	---	---	6.3	.8	3.1
MONTH	---	---	---	---	---	---	---	---	---	7.4	.0	2.3

Table 21. Daily maximum, minimum, and mean water temperature for site CC9--Continued

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.7	1.3	3.3	10.7	4.0	7.1	11.9	5.6	8.7	9.5	5.4	7.5
2	7.4	.9	3.5	9.5	4.4	6.7	11.7	6.5	9.1	9.2	6.1	7.7
3	7.7	1.3	3.8	8.4	4.6	6.5	11.0	6.8	8.7	9.4	5.5	7.7
4	6.9	1.9	3.7	10.0	4.5	6.9	11.2	6.4	8.5	10.0	6.0	8.1
5	7.9	2.1	4.0	11.0	5.3	7.8	11.1	5.1	7.9	8.5	6.4	7.7
6	6.9	1.7	3.6	11.3	5.1	7.8	11.5	5.3	8.4	7.6	6.4	7.2
7	7.3	1.0	3.6	11.6	5.1	7.9	9.8	5.8	8.0	8.0	4.4	6.3
8	7.7	1.6	3.9	10.5	5.4	7.7	9.3	5.1	7.3	8.2	4.1	6.3
9	7.3	2.3	3.9	8.7	5.6	7.2	10.1	5.6	7.8	7.7	4.8	6.4
10	6.6	2.2	3.9	11.1	5.3	7.8	9.6	4.7	7.3	8.4	4.8	6.7
11	7.4	2.0	4.1	11.7	5.2	8.1	10.5	4.3	7.5	7.8	4.9	6.6
12	5.7	2.1	3.7	11.0	5.3	8.1	10.9	5.4	8.2	8.7	5.8	6.8
13	7.3	2.3	4.2	10.7	5.6	8.0	9.9	5.9	8.0	7.7	5.0	6.4
14	5.5	2.6	4.0	11.6	5.6	8.3	9.9	6.1	8.2	6.8	4.2	5.7
15	4.2	2.8	3.6	10.5	5.0	7.7	11.0	6.3	8.8	7.3	4.4	5.9
16	8.3	2.2	4.6	10.6	6.6	8.3	10.6	6.5	8.5	7.5	3.2	5.6
17	7.7	2.5	4.8	12.1	6.5	9.0	10.0	5.3	7.9	6.4	4.1	4.9
18	8.6	2.4	4.9	9.3	6.6	8.0	11.0	6.4	8.7	4.2	1.3	3.0
19	9.0	2.5	5.3	11.3	5.7	8.3	9.4	7.2	8.4	2.8	.2	1.4
20	9.1	3.0	5.6	11.0	5.9	8.5	10.8	6.0	8.4	4.0	1.2	2.6
21	7.5	4.1	5.6	12.1	5.4	8.5	10.2	7.4	8.9	5.8	2.0	4.0
22	8.4	4.0	5.5	11.8	5.0	8.2	9.1	7.0	8.3	6.2	3.2	4.8
23	8.9	2.5	5.4	11.8	5.1	8.3	9.4	6.2	8.0	6.3	3.7	4.9
24	9.3	3.2	5.9	11.6	5.2	8.4	9.9	5.7	8.0	6.4	3.5	4.8
25	9.3	3.2	5.7	10.6	6.1	8.2	9.7	5.8	8.1	5.1	1.8	3.8
26	9.9	3.8	6.4	10.5	5.3	7.6	9.8	6.5	8.2	1.8	.0	.5
27	8.7	5.1	6.5	10.6	5.0	7.6	8.8	6.1	7.5	.5	.0	.1
28	8.4	4.5	6.1	10.5	6.1	8.2	9.3	5.8	7.6	3.0	.1	1.6
29	9.8	3.4	6.3	8.9	7.4	8.1	9.5	6.0	8.0	4.8	.9	2.9
30	9.5	4.6	6.9	11.8	5.7	8.5	9.4	6.2	8.1	5.5	1.5	3.5
31	---	---	---	11.4	5.7	8.5	9.5	5.6	7.7	---	---	---
MONTH	9.9	.9	4.7	12.1	4.0	7.9	11.9	4.3	8.2	10.0	.0	5.0

Table 21. Daily maximum, minimum, and mean water temperature for site CC9--Continued

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.6	2.2	4.0	.9	---	---	---	---	---	---	---	---
2	5.8	2.1	4.2	.8	---	---	---	---	---	---	---	---
3	6.9	4.2	5.6	1.3	---	---	---	---	---	---	---	---
4	5.6	2.9	4.5	1.1	.0	.5	---	---	---	---	---	---
5	5.5	2.5	4.3	.9	.0	---	---	---	---	---	---	---
6	5.2	2.3	4.0	---	.0	---	---	---	---	---	---	---
7	5.4	2.7	4.2	---	---	---	---	---	---	---	---	---
8	5.3	2.4	4.0	.2	.0	---	---	---	---	---	---	---
9	5.4	2.4	4.0	.8	.0	---	---	---	---	---	---	---
10	5.4	2.3	4.0	.9	.0	.3	---	---	---	---	---	---
11	5.6	2.5	4.1	.8	.0	---	---	---	---	---	---	---
12	5.1	2.4	4.0	1.0	.0	.3	---	---	---	---	---	---
13	4.8	2.2	3.7	1.1	.1	.4	---	---	---	---	---	---
14	4.3	2.6	3.3	1.1	.2	.5	---	---	---	---	---	---
15	3.3	.7	2.2	.6	.0	---	---	---	---	---	---	---
16	2.7	.0	1.2	.4	.0	---	---	---	---	---	---	---
17	---	---	---	.5	.0	---	---	---	---	---	---	---
18	.5	---	---	.8	.4	.6	---	---	---	---	---	---
19	2.0	.1	.9	1.3	.6	.7	---	---	---	---	---	---
20	---	---	---	1.2	.1	.7	---	---	---	---	---	---
21	---	---	---	1.1	.0	.3	---	---	---	---	---	---
22	---	---	---	1.4	.3	.7	---	---	---	---	---	---
23	---	---	---	.9	.2	.5	---	---	---	---	---	---
24	---	---	---	---	.0	---	---	---	---	---	---	---
25	---	---	---	.7	.0	---	---	---	---	---	---	---
26	---	---	---	---	.0	---	---	---	---	---	---	---
27	.5	---	---	---	---	---	---	---	---	---	---	---
28	1.4	.0	.5	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	.7	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	.9	.0	.2	3.0	.0	1.0
2	---	---	---	---	---	---	.0	.0	.0	2.4	.0	.5
3	---	---	---	---	---	---	2.3	.0	.6	4.4	.0	1.5
4	---	---	---	---	---	---	2.0	.0	.3	5.2	.4	2.2
5	---	---	---	---	---	---	1.7	.0	.3	5.0	.5	2.2
6	---	---	---	---	---	---	.6	.0	.1	4.8	.5	2.0
7	---	---	---	---	---	---	1.3	.0	.2	4.6	.6	1.9
8	---	---	---	---	---	---	1.9	.0	.5	4.6	.2	1.8
9	---	---	---	---	---	---	2.6	.0	.6	4.9	.0	2.0
10	---	---	---	---	---	---	.2	.0	.0	5.0	.2	1.9
11	---	---	---	---	---	---	.1	.0	.0	3.1	.4	1.4
12	---	---	---	---	---	---	.1	.0	.0	4.8	.2	2.0
13	---	---	---	---	---	---	.6	.0	.1	5.3	.7	2.3
14	---	---	---	---	---	---	1.1	.0	.3	4.3	.6	1.9
15	---	---	---	---	---	---	2.7	.0	.9	5.8	.7	2.2
16	---	---	---	---	---	---	3.5	.0	1.2	5.4	.8	2.2
17	---	---	---	---	---	---	3.5	.0	1.3	5.6	.8	2.3
18	---	---	---	---	---	---	3.1	.1	1.2	4.8	1.0	2.2
19	---	---	---	---	---	---	3.6	.2	1.3	5.0	.8	2.2
20	---	---	---	---	---	---	3.7	.4	1.3	4.7	.6	2.0
21	---	---	---	---	---	---	1.2	.0	.4	4.2	1.0	2.2
22	---	---	---	---	---	---	3.3	.0	.9	2.6	1.4	1.9
23	---	---	---	---	---	---	2.8	.0	.8	5.6	1.1	2.6
24	---	---	---	---	---	---	.0	.0	.0	3.9	1.1	2.2
25	---	---	---	---	---	---	.3	.0	.0	5.0	.7	2.1
26	---	---	---	---	---	---	.8	.0	.1	4.5	.4	1.9
27	---	---	---	---	---	---	2.0	.0	.6	3.9	.6	1.7
28	---	---	---	1.9	.0	.6	3.5	.4	1.3	5.1	1.1	2.5
29	---	---	---	2.2	0	.5	3.3	.1	1.2	3.8	1.8	2.7
30	---	---	---	2.1	.0	.5	3.6	.0	1.2	5.9	1.9	3.1
31	---	---	---	2.5	.0	.8	---	---	---	7.2	1.5	3.3
MONTH	---	---	---	---	---	---	3.7	.0	.6	7.2	.0	2.1

Table 21. Daily maximum, minimum, and mean water temperature for site CC9--Continued

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.3	1.7	3.2	9.4	3.8	6.1	11.4	6.4	8.7	9.8	6.6	8.4
2	5.0	1.6	3.1	10.4	2.8	6.1	11.1	7.0	8.9	11.5	6.9	9.1
3	6.6	1.5	3.5	10.0	3.4	6.4	12.0	5.8	8.8	10.7	7.1	9.3
4	6.7	1.9	3.7	10.0	3.9	6.7	11.4	7.1	9.1	11.6	7.8	9.7
5	6.2	2.1	3.5	8.4	3.6	6.0	9.4	7.6	8.6	10.5	6.4	8.7
6	4.6	2.4	3.2	8.7	3.5	5.9	7.9	5.7	6.6	9.2	6.3	7.8
7	5.7	2.1	3.4	10.5	3.5	6.6	9.1	4.3	6.7	9.2	---	---
8	3.7	2.3	2.9	7.4	4.2	5.8	11.4	4.8	7.8	9.4	4.5	7.1
9	4.5	1.8	3.0	8.5	3.5	6.0	9.5	6.0	7.8	8.9	5.5	7.5
10	5.8	2.3	3.6	9.2	4.1	6.7	9.9	6.6	7.9	9.2	5.2	7.4
11	7.3	2.1	4.2	7.5	4.8	6.1	9.4	4.5	6.7	9.0	6.3	7.8
12	6.6	2.3	4.1	9.6	3.8	6.5	9.6	3.6	6.5	9.0	6.2	7.8
13	7.0	2.0	4.3	10.4	4.5	7.1	9.6	4.7	7.0	8.8	4.7	6.9
14	6.6	2.9	4.4	11.3	3.9	7.3	9.4	5.1	7.1	9.0	5.5	7.4
15	7.1	2.1	4.2	11.7	4.5	7.9	11.1	5.2	7.8	8.7	5.4	7.2
16	5.6	2.4	3.9	9.7	4.9	7.3	10.4	5.4	7.9	7.9	6.0	7.0
17	6.8	3.0	4.6	8.6	5.0	7.0	9.8	5.3	7.6	7.9	4.1	6.1
18	8.4	2.9	5.1	7.7	4.8	6.4	9.5	6.6	8.0	9.4	5.8	7.5
19	8.7	3.7	5.6	7.9	5.0	6.5	9.0	5.3	7.2	9.0	6.3	7.4
20	9.2	3.3	5.7	9.5	5.2	7.3	10.5	5.1	7.7	8.2	4.8	6.8
21	8.3	3.3	5.5	9.7	4.8	7.2	10.1	5.8	7.9	7.6	5.7	6.8
22	9.3	3.8	6.2	9.4	5.3	7.3	10.8	6.1	8.3	6.7	4.8	5.9
23	7.2	3.7	5.4	9.3	6.0	7.7	11.1	5.9	8.6	5.6	4.2	4.9
24	8.1	3.3	5.4	12.7	5.9	8.9	10.8	6.4	8.7	6.7	2.4	4.6
25	8.2	3.2	5.6	9.9	6.1	8.2	10.5	6.8	8.7	6.8	2.5	5.0
26	8.9	3.5	6.0	10.1	5.7	7.8	10.7	7.4	9.1	7.8	5.1	6.6
27	7.7	3.7	5.8	8.8	6.8	7.8	10.5	6.9	8.9	7.8	5.2	6.7
28	9.1	3.6	6.1	9.6	6.3	7.7	11.3	7.1	9.4	6.3	3.1	5.0
29	9.2	3.7	6.3	10.6	6.8	8.4	11.0	7.1	9.0	6.0	2.2	4.4
30	10.5	3.7	6.6	12.8	7.1	9.7	8.9	6.1	7.8	6.8	2.8	5.1
31	---	---	---	9.6	7.0	8.5	9.8	5.9	7.8	---	---	---
MONTH	10.5	1.5	4.6	12.8	2.8	7.1	12.0	3.6	8.0	11.6	---	---

Table 22. Daily maximum, minimum, and mean water temperature for site GC5

06704500 DUCK CREEK NEAR GRANT, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	6.0	2.9	4.4	4.2	1.8	2.9	2.5	.8	1.3	1.3	.2	.7
2	6.8	3.1	4.8	2.9	.6	1.6	2.2	.7	1.2	.7	.0	.3
3	7.1	2.9	4.9	3.0	.3	1.3	2.1	.7	1.1	1.1	.4	.9
4	5.1	3.2	4.3	2.9	.4	1.3	2.0	.8	1.3	1.5	.6	1.0
5	4.7	2.0	3.2	3.3	.6	1.6	2.1	1.0	1.4	1.6	.3	.9
6	5.0	.9	2.8	2.9	.8	1.6	1.7	.0	1.0	1.0	.0	.4
7	5.7	1.5	3.4	2.7	1.0	1.6	2.2	.4	1.1	1.7	.7	1.0
8	5.9	1.9	3.9	2.9	1.0	1.7	1.3	.1	.6	1.7	.7	1.0
9	5.8	2.0	3.8	3.0	1.2	1.8	1.3	.4	.7	2.1	.9	1.2
10	6.5	2.2	4.1	1.5	.1	.9	1.7	.6	1.1	1.8	.6	1.2
11	7.0	2.6	4.6	2.6	.0	1.1	2.1	.8	1.2	1.8	.3	1.0
12	6.6	3.2	4.8	1.9	.6	1.3	2.1	1.0	1.5	2.4	.7	1.2
13	5.5	2.2	4.1	3.2	1.0	1.8	2.2	1.1	1.6	2.3	.6	1.3
14	5.7	2.0	3.7	2.7	1.2	1.8	1.7	.2	.8	2.3	.8	1.3
15	6.5	2.1	4.1	3.0	.7	1.5	1.9	.1	.6	2.2	.5	1.2
16	6.6	2.5	4.4	3.0	.8	1.7	1.8	.2	.8	2.3	1.0	1.4
17	6.3	2.8	4.5	3.0	.8	1.6	1.4	.0	.5	2.0	.2	1.1
18	6.1	2.6	4.3	2.9	1.0	1.7	1.4	.0	.4	.7	.0	.1
19	5.2	2.6	3.8	2.6	.9	1.5	1.3	.0	.3	1.1	.1	.6
20	5.0	1.7	3.1	2.7	.9	1.5	1.3	.0	.3	1.1	.1	.5
21	5.2	1.8	3.4	2.7	.7	1.4	1.2	.0	.4	1.5	.2	.7
22	3.8	1.2	2.4	2.3	1.0	1.5	.9	.0	.2	1.8	.4	.9
23	3.2	.8	1.6	2.4	.7	1.3	1.1	.0	.3	1.0	.1	.4
24	3.6	.8	2.0	2.4	.7	1.3	1.2	.0	.5	---	---	---
25	4.1	1.1	2.3	2.4	.9	1.5	1.4	.1	.5	---	---	---
26	3.4	1.2	2.2	2.3	1.0	1.4	1.4	.0	.4	---	---	---
27	3.6	1.0	2.2	1.1	.1	.7	1.4	.0	.5	---	---	---
28	4.2	1.4	2.5	1.2	.0	.5	1.4	.1	.7	---	---	---
29	4.1	1.8	2.9	1.6	.6	1.0	1.3	.3	.7	---	---	---
30	4.4	1.9	3.0	2.1	.9	1.3	1.6	.3	.8	---	---	---
31	4.1	1.9	2.9	---	---	---	1.6	.6	.9	---	---	---
MONTH	7.1	.8	3.5	4.2	.0	1.5	2.5	.0	.8	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	6.3	.6	2.4
2	---	---	---	---	---	---	---	---	---	6.5	1.0	2.8
3	---	---	---	---	---	---	---	---	---	7.2	1.2	3.3
4	---	---	---	---	---	---	---	---	---	7.1	.8	3.4
5	---	---	---	---	---	---	4.5	.0	1.2	7.7	1.4	4.2
6	---	---	---	---	---	---	5.1	.0	1.4	7.6	1.6	4.7
7	---	---	---	---	---	---	2.6	.6	1.5	7.9	2.1	5.1
8	---	---	---	---	---	---	4.5	.2	1.6	9.2	2.2	5.9
9	---	---	---	---	---	---	3.8	.2	1.1	9.5	2.7	6.2
10	---	---	---	---	---	---	3.4	.1	1.1	8.9	4.1	6.5
11	---	---	---	---	---	---	2.0	.3	1.0	10.2	2.9	6.7
12	---	---	---	---	---	---	4.0	.1	1.4	10.5	3.4	7.0
13	---	---	---	---	---	---	1.4	.0	.6	9.2	3.2	6.5
14	---	---	---	---	---	---	3.8	.0	1.0	9.4	3.0	6.3
15	---	---	---	---	---	---	5.4	.0	1.4	10.9	2.7	6.8
16	---	---	---	---	---	---	4.7	.0	1.4	12.0	3.4	7.6
17	---	---	---	---	---	---	5.0	.2	1.5	11.1	3.8	7.2
18	---	---	---	---	---	---	2.6	.0	.7	11.0	2.7	6.9
19	---	---	---	---	---	---	2.3	.0	.7	12.0	3.6	7.5
20	---	---	---	---	---	---	2.4	.0	.7	7.5	3.0	5.0
21	---	---	---	---	---	---	4.3	.0	1.2	10.4	2.8	6.3
22	---	---	---	---	---	---	4.3	.0	1.0	11.6	2.9	6.9
23	---	---	---	---	---	---	5.4	.2	1.6	10.7	3.6	6.5
24	---	---	---	---	---	---	5.5	.7	1.8	8.7	4.0	5.8
25	---	---	---	---	---	---	4.1	.0	1.4	5.2	2.8	4.2
26	---	---	---	---	---	---	5.6	.2	2.0	4.2	.9	2.4
27	---	---	---	---	---	---	4.2	.7	1.7	4.7	2.3	3.2
28	---	---	---	---	---	---	1.6	.0	.5	7.2	2.6	4.3
29	---	---	---	---	---	---	4.1	.0	1.2	9.7	2.0	5.3
30	---	---	---	---	---	---	3.9	.4	1.7	8.5	2.6	5.4
31	---	---	---	---	---	---	---	---	---	9.9	2.2	5.5
MONTH	---	---	---	---	---	---	---	---	---	12.0	.6	5.4

Table 22. Daily maximum, minimum, and mean water temperature for site GC5--Continued

06704500 DUCK CREEK NEAR GRANT, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.6	3.1	5.7	13.2	4.7	8.4	15.3	8.3	11.4	11.0	4.5	7.3
2	11.4	2.2	6.3	11.7	5.0	7.8	14.1	8.6	11.2	10.2	5.3	7.4
3	12.2	2.6	6.8	10.0	5.2	7.5	14.0	9.1	11.1	11.4	4.7	7.3
4	10.7	3.1	6.5	11.7	5.2	7.9	12.9	8.1	10.2	10.0	4.8	7.1
5	12.4	3.4	7.2	12.2	5.8	8.6	13.5	6.2	9.8	11.0	4.8	7.2
6	12.1	3.7	7.2	12.9	5.7	8.7	13.1	6.3	9.7	7.6	6.0	6.8
7	12.4	2.8	7.0	13.5	5.5	8.9	11.5	7.3	9.1	10.8	5.0	7.1
8	12.8	3.0	7.2	11.0	5.7	8.1	10.0	6.0	8.2	10.2	4.2	6.6
9	11.3	4.0	7.2	10.2	6.3	8.0	11.6	6.5	8.8	9.2	4.3	6.4
10	10.8	3.8	6.7	12.7	5.8	8.8	11.6	6.0	8.6	9.1	4.4	6.4
11	11.4	3.5	6.8	13.6	5.5	8.9	11.6	5.8	8.6	8.3	4.5	6.3
12	8.6	3.5	5.8	12.6	6.2	9.0	13.1	6.2	9.1	10.5	5.6	7.5
13	11.1	3.8	6.6	13.3	7.1	9.5	10.3	6.0	8.1	9.5	6.2	7.8
14	6.8	4.0	5.5	13.8	6.4	9.4	11.0	6.0	8.2	8.4	4.9	6.5
15	5.7	4.2	5.2	11.6	5.9	8.6	11.5	6.0	8.4	10.1	5.5	7.1
16	12.1	3.3	6.8	13.1	6.6	9.4	11.1	6.0	8.1	10.0	4.3	6.6
17	11.6	3.5	6.7	13.8	7.1	10.0	12.9	5.5	8.3	7.7	4.7	5.8
18	11.9	3.3	6.9	12.1	8.9	10.3	11.7	6.2	8.4	7.4	2.5	5.0
19	11.4	3.2	6.8	14.4	8.2	10.7	9.6	6.5	7.9	7.0	2.5	4.6
20	11.9	4.0	7.2	13.6	8.5	10.8	11.1	5.7	8.0	8.0	4.1	5.5
21	9.1	4.7	6.8	15.3	8.5	11.2	10.4	6.5	8.3	9.0	4.1	5.9
22	10.5	5.2	7.0	14.9	8.3	11.1	11.1	7.2	8.8	7.9	4.2	5.9
23	11.8	3.3	6.9	15.2	9.5	11.8	9.9	6.3	8.2	7.3	5.0	6.0
24	12.3	4.2	7.5	14.5	8.6	11.4	10.2	5.9	7.9	9.5	5.2	6.7
25	11.2	4.0	6.8	13.9	10.2	11.7	10.6	5.5	7.7	7.6	4.6	5.9
26	12.2	4.1	7.5	13.8	8.6	10.8	11.2	5.9	8.0	5.4	3.4	4.2
27	9.8	5.4	7.2	13.5	8.2	10.7	9.3	6.5	7.7	5.8	1.8	3.8
28	9.5	5.2	7.0	13.9	8.8	10.9	9.2	5.5	7.4	8.3	3.5	5.4
29	12.3	4.1	7.5	11.8	9.8	10.7	10.1	5.5	7.7	8.7	3.6	5.7
30	11.8	5.6	8.1	14.6	8.4	11.0	12.3	5.7	8.2	8.4	3.9	5.8
31	---	---	---	15.1	7.8	11.0	11.3	4.7	7.5	---	---	---
MONTH	12.8	2.2	6.8	15.3	4.7	9.7	15.3	4.7	8.7	11.4	1.8	6.3

Table 22. Daily maximum, minimum, and mean water temperature for site GC5--Continued

06704500 DUCK CREEK NEAR GRANT, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	8.3	3.8	5.6	4.2	1.4	2.3	1.9	.2	.9	2.8	1.3	2.0
2	8.8	3.9	6.0	4.9	1.2	2.4	1.1	.2	.7	3.3	1.8	2.3
3	8.5	5.3	6.5	---	---	---	1.6	.2	.6	2.3	1.4	1.8
4	8.6	4.3	6.1	---	---	---	1.1	.1	.6	1.4	.1	.8
5	9.0	4.2	6.0	3.9	1.2	2.3	1.9	.1	1.2	1.5	.0	.5
6	8.7	4.0	5.9	3.0	1.0	1.8	1.6	.8	1.2	1.2	.0	.5
7	8.7	4.2	5.9	2.9	.8	1.4	1.9	.7	1.1	1.3	.0	.6
8	8.8	4.2	5.8	2.8	.6	1.6	2.6	1.1	1.6	---	---	---
9	8.8	4.0	5.8	3.1	1.3	2.0	2.6	1.0	1.6	---	---	---
10	8.7	3.7	5.7	3.5	1.3	2.2	2.3	1.3	1.6	---	---	---
11	8.5	3.9	5.7	3.8	1.0	2.0	2.5	1.4	1.7	---	---	---
12	8.4	3.8	5.7	4.2	1.6	2.5	2.3	1.1	1.6	---	---	---
13	8.3	3.7	5.5	4.0	1.4	2.3	2.4	.9	1.5	1.7	.7	1.1
14	7.1	4.0	5.2	3.6	1.4	2.3	1.5	.4	.9	1.8	.3	.9
15	7.2	3.0	4.7	2.5	.3	1.5	1.1	.0	.4	1.4	.3	.8
16	5.2	2.8	3.7	2.2	.0	.9	1.4	.2	.7	1.6	.1	.6
17	4.4	1.6	2.6	2.0	.3	1.1	.4	.0	.1	1.8	.5	1.0
18	5.7	1.5	3.2	2.6	1.1	1.8	.8	.0	.3	2.4	.9	1.5
19	6.1	2.3	3.9	3.4	1.6	2.1	1.4	.3	.7	2.8	.8	1.4
20	4.7	1.3	3.1	3.4	1.1	2.0	1.3	.3	.8	---	.6	---
21	3.6	1.0	1.8	2.9	.8	1.6	1.9	1.2	1.5	---	---	---
22	4.2	.5	1.9	3.5	1.2	2.0	1.8	1.2	1.4	---	---	---
23	4.3	1.9	3.0	2.7	1.4	1.9	1.4	.8	1.1	---	---	---
24	4.1	1.7	2.8	2.7	.8	1.3	1.4	.5	.9	---	---	---
25	4.0	2.2	2.8	2.7	.9	1.6	1.7	.8	1.2	---	---	---
26	4.0	1.3	2.4	2.1	.7	1.2	2.1	.9	1.5	---	---	---
27	4.6	1.7	2.9	2.0	.2	.8	2.2	1.3	1.6	---	---	---
28	5.1	1.8	3.1	2.3	.2	.9	2.0	.9	1.4	---	---	---
29	3.6	1.1	2.2	2.1	.2	1.0	2.4	1.1	1.5	---	---	---
30	3.9	1.3	2.3	1.6	.3	.7	2.5	1.1	1.7	2.6	---	---
31	4.3	1.2	2.4	---	---	---	2.5	.9	1.6	2.5	1.5	1.8
MONTH	9.0	.5	4.2	---	---	---	2.6	.0	1.1	---	---	---
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	2.1	.0	.6	1.5	.0	.8	2.8	.5	1.5
2	---	---	---	2.8	.1	1.1	2.0	.0	.7	4.4	.1	1.7
3	---	---	---	1.6	.5	.9	4.1	.0	1.2	5.6	.3	2.4
4	---	---	---	2.0	.0	.6	2.4	.0	.8	6.5	.7	2.9
5	---	---	---	1.9	.0	.4	2.0	.0	.6	7.0	1.0	3.5
6	---	---	---	3.0	.0	.9	3.0	.0	.5	5.7	1.2	3.4
7	---	---	---	3.2	.0	1.0	3.5	.0	.8	7.4	1.6	4.3
8	---	---	---	3.3	.0	1.1	2.9	.0	1.0	7.6	1.3	4.4
9	---	---	---	3.4	.1	1.2	3.9	.5	1.4	9.2	2.0	5.6
10	---	---	---	3.9	.5	1.5	1.0	.0	.3	9.5	1.5	5.5
11	---	---	---	4.3	.2	1.4	1.4	.0	.2	6.2	1.8	4.2
12	---	---	---	3.8	.3	1.5	2.1	.0	.4	8.6	1.2	4.7
13	---	---	---	4.3	.5	1.5	3.2	.0	.7	9.1	1.9	5.4
14	---	---	---	2.1	.3	1.0	3.5	.0	1.0	7.8	1.8	4.8
15	---	---	---	4.2	.5	1.6	4.0	.4	1.5	10.7	1.8	5.9
16	---	---	---	4.6	.9	1.9	4.8	.2	1.4	9.8	2.2	5.9
17	---	---	---	4.2	.8	1.8	4.5	.1	1.2	11.1	2.2	6.2
18	---	---	---	4.6	.3	1.5	4.2	.2	1.2	8.0	2.4	5.2
19	---	---	---	4.9	.7	1.9	4.8	.3	1.4	11.2	3.0	6.4
20	---	---	---	4.8	.7	1.7	4.1	.5	1.6	7.5	2.1	4.8
21	---	---	---	3.7	.6	1.5	3.8	.0	1.2	7.8	2.6	5.0
22	---	---	---	3.8	.5	1.5	4.4	.3	1.6	5.9	3.7	4.8
23	---	---	---	4.2	.4	1.4	3.8	.5	1.5	11.3	2.7	6.1
24	---	---	---	2.6	.1	.9	.9	.0	.4	6.9	3.3	4.9
25	---	---	---	4.1	.0	.8	2.8	.2	1.0	9.2	2.4	5.3
26	---	---	---	4.1	.0	1.1	3.0	.3	1.1	7.6	2.3	4.4
27	2.6	---	---	3.7	.1	1.2	5.2	.0	1.5	6.6	2.5	3.9
28	1.3	.0	.4	3.4	.0	1.0	3.7	1.0	2.0	6.3	3.0	4.5
29	---	---	---	3.4	.0	1.0	5.3	1.0	2.4	8.0	3.8	5.4
30	---	---	---	3.7	.0	.9	5.4	.4	2.1	10.2	3.6	6.3
31	---	---	---	4.1	.0	1.1	---	---	---	12.3	3.4	6.9
MONTH	---	---	---	4.9	.0	1.2	5.4	.0	1.1	12.3	.1	4.7

Table 22. Daily maximum, minimum, and mean water temperature for site GC5--Continued

06704500 DUCK CREEK NEAR GRANT, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11.9	3.9	7.1	11.7	4.3	7.1	12.6	7.2	9.9	11.6	6.9	9.3
2	11.0	3.7	6.7	11.8	3.5	6.9	12.5	7.6	10.1	14.3	7.9	10.7
3	11.7	3.7	7.0	12.0	4.0	7.3	13.0	6.5	9.7	13.4	7.0	10.2
4	12.1	4.9	7.7	12.4	5.1	8.1	11.4	7.4	9.5	12.0	6.9	9.5
5	9.7	4.3	6.5	10.3	4.5	6.9	10.6	8.2	9.2	12.6	6.0	9.1
6	7.1	4.5	5.6	11.3	4.6	7.2	9.0	6.8	7.8	10.4	6.1	8.2
7	8.3	3.9	5.7	12.9	4.4	7.9	11.4	4.9	8.0	11.9	4.6	---
8	6.1	4.0	5.1	10.2	5.2	7.2	13.2	5.3	9.1	11.8	4.7	8.2
9	7.8	3.3	5.1	10.2	4.7	7.2	9.2	6.4	8.0	10.3	5.5	8.0
10	8.5	4.3	5.9	10.8	5.0	7.6	11.1	7.3	8.7	10.8	4.9	8.0
11	9.4	3.6	5.6	9.8	6.8	8.1	9.3	5.1	7.4	11.0	6.4	8.7
12	8.7	3.4	5.5	11.0	6.2	8.3	10.5	4.2	7.4	11.9	6.3	8.7
13	8.8	3.2	5.8	13.2	6.6	9.1	10.8	4.7	7.6	11.5	4.6	8.0
14	9.4	4.3	6.2	13.8	6.4	9.5	11.1	5.5	8.1	11.1	5.3	8.2
15	9.7	3.3	5.9	14.1	6.8	9.9	13.3	5.7	9.3	10.2	5.2	7.6
16	8.4	3.4	5.4	12.0	7.2	9.5	11.7	5.4	8.6	9.9	5.9	7.4
17	9.4	3.9	6.3	11.0	7.2	9.3	11.6	5.8	8.6	10.2	4.1	6.9
18	10.4	3.8	6.5	10.9	7.6	9.1	13.1	6.5	9.2	9.5	5.7	7.3
19	11.3	4.7	7.3	11.5	7.8	9.5	11.4	5.4	8.4	9.3	5.4	7.3
20	11.9	4.1	7.1	12.1	8.0	10.0	11.6	5.3	8.4	7.6	5.8	6.8
21	9.5	4.1	6.7	12.2	7.6	9.9	9.6	5.9	7.7	8.7	6.0	7.0
22	10.8	4.5	7.1	11.7	7.9	9.8	11.2	5.7	8.4	9.5	5.5	6.9
23	8.6	4.4	6.2	11.7	8.2	10.0	11.5	5.5	8.6	8.8	4.3	6.0
24	8.5	4.1	6.0	15.4	8.4	11.3	10.8	5.7	8.5	10.1	3.3	6.5
25	10.1	4.4	6.6	13.4	8.4	10.7	10.3	6.2	8.4	9.9	3.3	6.6
26	11.3	4.4	7.2	12.7	8.4	10.5	10.7	6.7	8.8	8.8	5.3	7.2
27	9.3	4.3	6.7	11.5	9.6	10.4	11.3	6.2	9.0	10.8	5.5	7.7
28	8.7	4.3	6.4	10.9	9.1	9.6	11.8	6.6	9.4	9.3	3.5	6.3
29	10.2	4.1	6.6	12.3	8.2	10.0	13.0	6.3	9.4	9.3	2.8	5.8
30	12.3	4.0	7.3	13.3	7.9	10.5	10.4	5.8	8.3	9.8	3.3	6.3
31	---	---	---	11.7	8.0	10.0	12.4	5.9	8.9	---	---	---
MONTH	12.3	3.2	6.4	15.4	3.5	9.0	13.3	4.2	8.7	14.3	2.8	---

Table 23. Daily maximum, minimum, and mean water temperature for site GC11

06705500 GENEVA CREEK AT GRANT, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	4.9	1.7	3.5	---	---	---	---	---	---	---	---	---
2	5.7	1.9	3.8	---	---	---	---	---	---	---	---	---
3	6.1	2.4	4.4	---	---	---	---	---	---	---	---	---
4	5.2	2.4	3.7	---	---	---	---	---	---	---	---	---
5	3.2	.5	1.8	---	---	---	---	---	---	---	---	---
6	3.0	.0	1.2	---	---	---	---	---	---	---	---	---
7	4.1	.0	2.0	---	---	---	---	---	---	---	---	---
8	4.3	1.3	2.9	---	---	---	---	---	---	---	---	---
9	4.3	.5	2.6	---	---	---	---	---	---	---	---	---
10	5.2	.9	3.2	---	---	---	---	---	---	---	---	---
11	5.8	1.6	4.0	---	---	---	---	---	---	---	---	---
12	5.7	2.1	4.2	---	---	---	---	---	---	---	---	---
13	5.3	1.9	3.1	---	---	---	---	---	---	---	---	---
14	4.3	.2	2.3	---	---	---	---	---	---	---	---	---
15	5.1	.9	3.2	---	---	---	---	---	---	---	---	---
16	5.1	1.5	3.6	---	---	---	---	---	---	---	---	---
17	5.3	1.8	3.7	---	---	---	---	---	---	---	---	---
18	5.0	1.5	3.5	---	---	---	---	---	---	---	---	---
19	4.4	1.6	2.8	---	---	---	---	---	---	---	---	---
20	3.5	.0	1.5	---	---	---	---	---	---	---	---	---
21	3.9	.0	2.0	---	---	---	---	---	---	---	---	---
22	3.4	.0	1.3	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	1.8	.0	.5	---	---	---	---	---	---	---	---	---
26	2.2	.0	1.0	---	---	---	---	---	---	---	---	---
27	1.7	.0	.7	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	8.5	1.9	4.5
2	---	---	---	---	---	---	---	---	---	8.9	2.5	5.4
3	---	---	---	---	---	---	---	---	---	10.0	2.5	5.9
4	---	---	---	---	---	---	---	---	---	9.1	1.8	5.5
5	---	---	---	---	---	---	3.2	.3	1.5	9.9	2.2	5.9
6	---	---	---	---	---	---	3.5	.3	1.8	8.5	1.7	5.3
7	---	---	---	---	---	---	2.7	1.0	1.9	8.8	1.8	5.4
8	---	---	---	---	---	---	3.5	.9	2.1	9.8	1.7	5.7
9	---	---	---	---	---	---	5.1	.5	2.4	9.0	2.0	5.6
10	---	---	---	---	---	---	4.1	.6	2.3	8.6	3.0	5.6
11	---	---	---	---	---	---	3.9	.9	2.3	10.1	2.1	5.7
12	---	---	---	---	---	---	4.1	.6	2.2	9.6	2.3	5.5
13	---	---	---	---	---	---	2.8	.3	1.1	8.3	2.1	5.0
14	---	---	---	---	---	---	2.9	.3	1.0	8.3	2.0	5.0
15	---	---	---	---	---	---	4.8	.3	1.9	9.7	1.9	5.4
16	---	---	---	---	---	---	5.8	.3	2.8	10.3	2.5	5.8
17	---	---	---	---	---	---	5.8	.6	2.9	9.4	3.1	5.5
18	---	---	---	---	---	---	2.6	.3	1.4	9.8	2.1	5.5
19	---	---	---	---	---	---	3.3	.3	1.1	10.2	3.0	6.0
20	---	---	---	---	---	---	2.1	.3	.8	7.3	2.6	4.7
21	---	---	---	---	---	---	4.4	.3	1.6	9.6	2.6	5.8
22	---	---	---	---	---	---	4.1	.3	1.7	10.5	2.6	6.3
23	---	---	---	---	---	---	4.8	.3	2.4	9.6	3.4	6.2
24	---	---	---	---	---	---	7.4	2.1	4.4	8.2	3.9	5.7
25	---	---	---	---	---	---	6.5	1.6	3.7	5.5	3.1	4.1
26	---	---	---	---	---	---	7.8	1.0	4.1	3.7	.6	2.1
27	---	---	---	---	---	---	6.6	2.1	4.0	5.0	1.8	3.3
28	---	---	---	---	---	---	3.4	.3	1.1	7.1	2.3	4.3
29	---	---	---	---	---	---	3.9	.3	1.5	9.6	1.8	5.5
30	---	---	---	---	---	---	6.5	.3	3.2	8.4	2.6	5.6
31	---	---	---	---	---	---	---	---	---	9.1	2.1	5.5
MONTH	---	---	---	---	---	---	---	---	---	10.5	.6	5.3

Table 23. Daily maximum, minimum, and mean water temperature for site GC11--Continued

06705500 GENEVA CREEK AT GRANT, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	9.1	3.1	6.2	14.0	5.8	9.9	14.8	8.0	11.8	11.0	6.6	9.2
2	10.7	2.3	6.5	12.1	6.1	9.3	14.1	8.8	11.8	11.3	7.5	9.5
3	11.6	2.8	7.2	11.5	6.2	9.1	13.9	8.9	11.4	12.3	6.9	9.7
4	10.4	3.3	6.8	12.6	6.1	9.5	13.6	8.0	10.8	12.6	7.3	10.0
5	11.8	3.5	7.4	13.9	7.0	10.5	13.6	6.5	10.3	11.9	7.6	10.0
6	11.5	3.8	7.4	14.1	7.2	10.8	13.4	7.2	10.7	10.7	8.2	9.4
7	11.9	2.8	7.3	14.5	6.6	10.6	12.1	8.2	10.5	10.6	5.5	8.0
8	12.5	3.1	7.6	12.3	6.9	9.7	11.4	6.9	9.5	10.7	5.3	8.1
9	11.8	4.2	7.9	11.3	7.7	9.7	12.1	7.3	9.9	10.0	5.8	8.2
10	10.7	4.0	7.2	14.2	7.2	10.6	11.9	6.6	9.6	10.4	6.0	8.5
11	11.2	3.6	7.3	14.5	6.6	10.8	12.7	6.2	9.9	9.4	6.2	8.2
12	8.9	3.7	6.5	13.9	7.9	11.1	13.8	7.4	10.8	10.6	7.3	9.1
13	10.9	3.9	7.2	14.6	9.0	11.8	12.2	7.9	10.4	10.3	8.4	9.3
14	7.8	4.5	6.3	14.8	8.3	11.6	12.4	8.3	10.5	8.6	5.8	7.5
15	6.6	5.0	5.9	12.7	7.8	10.7	13.6	8.1	11.0	10.2	6.5	8.3
16	12.3	3.4	7.3	14.1	8.3	11.1	13.3	8.3	10.8	10.2	5.1	7.8
17	12.2	4.0	7.7	14.7	8.9	12.0	12.6	7.5	10.4	8.7	5.7	7.2
18	12.4	3.7	7.9	13.6	9.6	11.2	12.4	8.1	10.6	6.9	3.2	5.4
19	12.3	3.6	8.0	14.1	7.6	11.0	11.6	9.2	10.6	5.1	1.4	3.2
20	12.6	4.9	8.7	13.6	8.3	11.2	12.2	7.9	10.3	5.5	3.1	4.4
21	10.4	5.9	8.2	15.4	8.1	11.9	11.9	9.1	10.6	8.0	3.4	5.6
22	11.1	6.2	8.3	15.2	7.5	11.7	11.7	8.7	10.4	8.1	4.0	6.4
23	12.1	3.7	7.8	15.7	9.1	12.5	12.0	8.0	10.0	8.1	5.3	6.7
24	13.0	5.0	8.8	14.7	8.1	11.7	11.9	6.9	9.6	9.3	5.3	7.2
25	12.0	4.9	8.3	13.9	10.1	12.0	13.0	7.2	10.1	7.2	4.3	5.6
26	13.0	4.9	8.8	13.4	7.7	10.8	13.0	8.6	10.9	5.1	1.9	3.0
27	11.2	6.8	8.8	13.1	7.5	10.5	11.6	9.3	10.4	3.3	.0	1.7
28	10.4	6.3	8.4	13.4	8.3	11.0	11.3	7.1	9.3	6.5	1.7	4.1
29	12.7	4.6	8.5	11.8	9.9	10.9	11.7	7.4	9.7	7.1	2.5	5.1
30	13.0	7.0	9.7	14.1	7.9	11.0	12.2	8.4	10.4	6.9	3.4	5.6
31	---	---	---	14.5	7.5	11.3	12.3	7.0	9.8	---	---	---
MONTH	13.0	2.3	7.7	15.7	5.8	10.9	14.8	6.2	10.4	12.6	.0	7.1

Table 23. Daily maximum, minimum, and mean water temperature for site GC11--Continued

06705500 GENEVA CREEK AT GRANT, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	7.1	3.3	5.5	1.3	.0	.3	---	---	---	---	---	---
2	7.9	3.6	6.1	.8	.0	.2	---	---	---	---	---	---
3	9.6	6.0	7.4	1.3	.0	.4	---	---	---	---	---	---
4	7.5	4.4	6.2	2.4	.0	.9	---	---	---	---	---	---
5	8.0	3.9	6.1	1.1	.0	.3	---	---	---	---	---	---
6	7.6	3.6	5.8	.3	.0	.0	---	---	---	---	---	---
7	7.8	3.9	5.9	---	---	---	---	---	---	---	---	---
8	7.9	3.7	5.9	---	---	---	---	---	---	---	---	---
9	7.7	3.6	5.7	---	---	---	---	---	---	---	---	---
10	7.6	3.4	5.6	---	---	---	---	---	---	---	---	---
11	7.6	3.3	5.6	---	---	---	---	---	---	---	---	---
12	7.4	3.3	5.6	1.1	.0	.3	---	---	---	---	---	---
13	7.1	3.3	5.3	1.3	.0	.4	---	---	---	---	---	---
14	6.0	3.3	4.9	.9	.0	.3	---	---	---	---	---	---
15	5.4	1.7	3.7	1.0	.0	.2	---	---	---	---	---	---
16	4.1	1.3	2.6	---	---	---	---	---	---	---	---	---
17	1.5	.0	.3	---	---	---	---	---	---	---	---	---
18	2.0	.0	.7	---	---	---	---	---	---	---	---	---
19	4.1	.2	2.1	---	---	---	---	---	---	---	---	---
20	3.3	.0	1.4	1.2	.0	.3	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	1.8	.0	.5	---	---	---	---	---	---
23	.8	.0	.1	1.2	.0	.4	---	---	---	---	---	---
24	1.3	.0	.4	---	---	---	---	---	---	---	---	---
25	2.3	.0	.6	---	---	---	---	---	---	---	---	---
26	1.7	.0	.3	---	---	---	---	---	---	---	---	---
27	1.7	.0	.6	---	---	---	---	---	---	---	---	---
28	2.6	.0	1.3	---	---	---	---	---	---	---	---	---
29	1.8	.0	.5	---	---	---	---	---	---	---	---	---
30	.6	.0	.1	---	---	---	---	---	---	---	---	---
31	.6	.0	.2	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	1.7	.0	.6	3.6	1.1	2.3
2	---	---	---	---	---	---	---	---	---	5.1	.0	2.1
3	---	---	---	---	---	---	2.5	.0	1.1	7.1	.2	3.5
4	---	---	---	---	---	---	2.3	.2	1.0	9.0	1.2	4.8
5	---	---	---	---	---	---	.2	.0	.0	9.3	2.0	5.6
6	---	---	---	---	---	---	---	---	---	7.3	2.2	5.1
7	---	---	---	---	---	---	1.1	.0	.2	8.2	2.5	5.6
8	---	---	---	---	---	---	2.3	.0	.7	8.6	1.6	5.0
9	---	---	---	---	---	---	4.1	.0	1.3	9.6	2.6	6.0
10	---	---	---	---	---	---	.9	.0	.1	9.2	1.6	5.5
11	---	---	---	---	---	---	---	---	---	6.6	1.6	4.1
12	---	---	---	---	---	---	---	---	---	8.1	1.3	4.4
13	---	---	---	---	---	---	---	---	---	8.8	2.1	5.2
14	---	---	---	---	---	---	---	---	---	7.2	1.7	4.4
15	---	---	---	---	---	---	3.8	.0	1.0	9.7	1.9	5.4
16	---	---	---	---	---	---	5.5	.0	2.3	9.0	2.1	5.1
17	---	---	---	---	---	---	5.9	.0	2.6	9.6	1.9	5.2
18	---	---	---	---	---	---	5.4	.0	2.5	7.1	2.1	4.5
19	---	---	---	---	---	---	5.2	.3	2.6	9.5	2.8	5.6
20	---	---	---	---	---	---	5.7	1.1	3.1	6.7	1.8	4.4
21	---	---	---	---	---	---	4.6	.9	2.7	7.6	2.4	4.8
22	---	---	---	---	---	---	5.3	.0	2.5	5.7	3.5	4.5
23	---	---	---	---	---	---	4.8	.6	2.8	10.7	2.4	5.8
24	---	---	---	---	---	---	2.6	.0	.5	6.6	3.0	4.8
25	---	---	---	---	---	---	4.2	.0	1.2	8.8	1.9	5.0
26	---	---	---	3.0	---	---	2.6	.0	1.1	7.5	2.1	4.5
27	---	---	---	3.1	.0	1.5	5.5	.0	2.4	5.8	1.9	3.5
28	---	---	---	2.2	.0	.8	5.3	1.8	3.6	6.5	2.5	4.5
29	---	---	---	2.8	.0	.9	5.0	2.2	3.6	7.6	3.9	5.4
30	---	---	---	1.3	.0	.5	6.5	.3	3.1	10.0	3.7	6.6
31	---	---	---	2.7	.0	1.0	---	---	---	12.3	3.0	7.1
MONTH	---	---	---	---	---	---	---	---	---	12.3	.0	4.8

Table 23. Daily maximum, minimum, and mean water temperature for site GC11--Continued

06705500 GENEVA CREEK AT GRANT, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	11.8	3.5	7.2	12.3	4.7	8.4	14.1	8.6	11.5	12.1	8.4	10.5
2	11.3	3.2	6.9	---	3.5	---	13.5	9.3	11.5	14.4	9.5	11.9
3	11.7	3.3	7.3	12.5	4.6	8.6	14.0	7.9	11.0	13.9	9.1	12.0
4	12.8	4.8	8.2	13.4	6.0	9.6	12.5	9.0	11.0	12.6	9.3	11.2
5	9.7	3.9	6.8	11.4	5.0	8.2	11.7	9.9	10.7	12.5	7.8	10.5
6	7.6	4.2	5.7	---	4.9	---	10.6	7.8	9.0	10.8	8.0	9.7
7	8.5	3.7	5.9	---	4.7	---	11.2	5.6	8.4	11.9	---	---
8	6.2	4.0	5.2	10.2	6.0	8.3	13.3	6.1	9.8	11.2	6.1	9.1
9	8.0	2.5	5.1	---	4.9	---	11.2	7.6	9.4	10.6	7.1	9.3
10	8.8	4.2	6.3	---	5.5	---	11.3	8.3	9.4	11.1	6.3	9.0
11	10.7	3.6	6.5	9.9	6.6	8.3	9.8	5.9	8.2	11.1	7.9	9.6
12	9.4	3.3	6.2	---	5.4	---	10.5	4.8	7.8	11.6	7.5	9.6
13	9.5	4.1	6.6	---	5.9	---	10.3	5.4	8.1	11.1	6.0	8.9
14	10.5	4.8	7.3	14.1	6.0	10.0	10.5	6.4	8.6	10.9	6.9	9.3
15	10.9	3.1	6.5	14.4	6.5	10.7	12.9	6.5	9.7	10.5	6.6	8.8
16	9.2	3.5	6.2	12.2	6.6	9.8	12.2	6.5	9.6	9.9	6.7	8.5
17	10.9	4.2	7.4	11.1	6.6	9.3	11.7	7.1	9.7	9.9	5.2	7.7
18	12.1	4.0	7.8	10.3	6.5	8.7	12.5	8.2	10.3	10.6	6.6	8.6
19	12.9	5.3	8.7	11.2	6.9	8.9	11.8	6.7	9.4	10.0	6.7	8.4
20	12.8	4.3	8.2	12.1	7.5	9.9	12.4	6.6	9.6	8.6	6.6	7.7
21	10.9	4.5	7.8	12.3	6.7	9.8	10.3	7.3	8.8	8.9	7.0	7.9
22	12.4	5.2	8.8	11.3	7.4	9.6	11.7	6.7	9.3	8.4	6.8	7.6
23	10.3	4.9	7.5	12.2	7.6	10.2	12.2	7.1	10.0	7.6	5.2	6.5
24	9.2	4.4	6.9	15.5	8.1	11.7	11.8	7.4	9.8	8.8	3.9	6.6
25	11.2	4.9	7.8	13.9	8.4	11.4	11.5	7.6	9.8	9.0	4.2	7.0
26	12.6	5.1	8.5	12.3	8.1	10.6	11.9	8.2	10.1	9.5	6.4	8.1
27	10.8	5.0	8.0	11.3	9.4	10.5	13.1	7.7	10.5	10.1	6.8	8.4
28	10.2	4.7	7.6	10.4	8.7	9.5	12.5	8.4	10.8	8.3	4.7	6.8
29	11.2	4.4	8.0	12.8	8.8	10.5	13.1	8.1	10.8	8.1	3.5	6.2
30	13.3	4.2	8.6	14.7	9.4	11.9	11.4	7.6	9.7	8.6	4.1	6.7
31	---	---	---	13.2	9.7	11.5	12.1	7.4	9.9	---	---	---
MONTH	13.3	2.5	7.2	---	3.5	---	14.1	4.8	9.7	14.4	---	---

Table 24. Daily maximum, minimum, and mean water temperature for site DC1

393040105340400 DEER CREEK NEAR BAILEY, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
21	---	---	---	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	---	---	---	---	---	---
2	---	---	---	---	---	---	---	---	---	---	---	---
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---	5.9	1.9	3.3
18	---	---	---	---	---	---	---	---	---	6.9	1.7	3.6
19	---	---	---	---	---	---	---	---	---	5.6	2.1	3.6
20	---	---	---	---	---	---	---	---	---	4.6	1.6	3.1
21	---	---	---	---	---	---	---	---	---	6.4	1.8	3.7
22	---	---	---	---	---	---	---	---	---	6.5	1.8	3.8
23	---	---	---	---	---	---	---	---	---	5.9	2.8	4.1
24	---	---	---	---	---	---	---	---	---	3.6	2.6	2.9
25	---	---	---	---	---	---	---	---	---	3.0	1.8	2.3
26	---	---	---	---	---	---	---	---	---	1.8	.0	1.2
27	---	---	---	---	---	---	---	---	---	4.0	1.0	2.2
28	---	---	---	---	---	---	---	---	---	3.1	1.1	2.1
29	---	---	---	---	---	---	---	---	---	5.2	1.0	2.9
30	---	---	---	---	---	---	---	---	---	5.1	1.7	3.3
31	---	---	---	---	---	---	---	---	---	5.3	1.2	3.1
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

Table 24. Daily maximum, minimum, and mean water temperature for site DC1--Continued

393040105340400 DEER CREEK NEAR BAILEY, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	5.5	1.7	3.3	7.8	4.2	6.0	9.6	5.2	7.4	8.2	4.5	6.4
2	6.3	1.2	3.4	8.2	4.3	6.1	9.2	5.8	7.6	8.0	5.7	6.8
3	7.0	1.5	4.0	7.4	4.7	6.1	8.8	5.8	7.2	8.1	4.9	6.6
4	6.0	2.2	4.0	7.6	4.8	6.2	9.4	5.6	7.3	8.6	5.4	7.0
5	7.1	2.2	4.4	9.5	5.1	7.1	9.0	4.4	6.8	8.7	5.7	7.2
6	7.0	2.7	4.5	9.1	5.3	7.1	9.0	4.7	6.9	7.2	5.2	6.4
7	7.4	1.9	4.3	9.6	5.2	7.2	7.2	5.0	6.3	6.8	3.8	5.3
8	7.5	2.0	4.5	7.6	5.0	6.3	8.5	4.7	6.5	6.6	3.4	5.1
9	7.2	2.9	4.9	7.2	5.3	6.4	8.0	5.1	6.5	7.1	3.9	5.6
10	6.1	3.1	4.6	9.2	5.3	7.0	7.1	4.1	5.8	7.0	4.6	5.8
11	7.6	2.9	4.9	9.7	5.0	7.3	8.2	3.8	6.1	7.2	4.3	5.8
12	5.6	3.1	4.4	9.0	5.7	7.4	9.1	5.0	7.0	6.4	2.6	5.7
13	6.9	3.3	4.9	9.5	6.1	7.5	8.0	5.3	6.7	6.8	5.1	5.9
14	5.8	3.5	4.7	9.9	5.6	7.5	7.9	6.0	6.9	6.1	3.9	5.1
15	4.8	3.6	4.4	8.6	5.2	7.0	8.5	5.7	7.1	6.2	4.2	5.2
16	7.8	3.0	5.0	8.4	6.0	7.2	7.9	5.3	6.8	6.6	3.3	5.0
17	7.3	3.5	5.2	9.7	6.1	7.8	8.6	4.9	6.8	5.4	4.0	4.6
18	7.7	2.9	5.1	8.1	6.5	7.2	8.8	6.0	7.4	4.1	2.1	3.3
19	7.9	2.8	5.2	8.8	5.5	7.1	7.5	6.0	6.7	3.1	.6	1.9
20	8.4	3.9	5.9	8.5	5.8	7.2	8.6	5.7	7.2	3.7	1.4	2.4
21	7.0	4.5	5.7	9.8	5.5	7.5	8.6	6.7	7.4	5.4	1.8	3.4
22	8.0	4.7	5.8	9.4	5.0	7.3	8.2	6.1	7.0	5.9	2.3	4.1
23	8.0	3.0	5.3	9.5	6.0	7.7	7.8	5.3	6.5	5.6	3.2	4.4
24	8.4	3.9	5.8	8.5	5.1	7.0	8.4	5.0	6.7	6.2	3.5	4.6
25	7.6	3.8	5.6	8.1	6.3	7.2	8.9	5.0	6.9	5.1	2.0	3.7
26	9.0	4.0	6.1	8.0	5.1	6.5	7.9	6.1	7.1	2.0	.0	.8
27	7.4	5.5	6.3	8.3	4.9	6.6	7.7	6.3	6.9	1.0	.0	.4
28	7.5	4.8	6.0	8.4	5.8	7.1	7.3	5.4	6.4	3.5	.4	1.8
29	7.9	3.7	5.7	7.1	6.3	6.6	8.3	5.4	6.8	4.7	1.2	2.9
30	7.0	4.9	6.1	8.5	5.3	6.7	8.1	5.6	6.8	5.3	2.2	3.7
31	---	---	---	8.5	4.7	6.7	8.3	4.8	6.5	---	---	---
MONTH	9.0	1.2	5.0	9.9	4.2	7.0	9.6	3.8	6.8	8.7	.0	4.6

Table 24. Daily maximum, minimum, and mean water temperature for site DC1--Continued

393040105340400 DEER CREEK NEAR BAILEY, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER			JANUARY	
1	5.5	2.3	3.8	.3	.0	.1	---	---	---	---	---	---
2	5.5	2.1	3.9	.2	.0	.0	---	---	---	---	---	---
3	5.8	4.3	5.0	.9	.0	.4	---	---	---	---	---	---
4	5.3	3.1	4.4	.8	.0	.3	---	---	---	---	---	---
5	5.6	2.8	4.2	.9	.0	.3	---	---	---	---	---	---
6	5.2	2.3	3.8	---	---	---	---	---	---	---	---	---
7	5.3	2.1	3.7	---	---	---	---	---	---	---	---	---
8	5.4	2.2	3.7	---	---	---	.1	.0	.1	---	---	---
9	5.3	2.1	3.6	---	---	---	.2	.1	.1	---	---	---
10	5.3	2.1	3.7	.6	.0	.2	---	---	---	---	---	---
11	5.4	2.6	4.0	.4	.0	.1	---	---	---	---	---	---
12	5.5	2.7	4.0	.8	.2	.4	---	---	---	---	---	---
13	4.9	2.3	3.6	.9	.1	.5	---	---	---	---	---	---
14	4.6	2.2	3.3	.8	.2	.5	---	---	---	---	---	---
15	3.8	1.2	2.4	.4	.0	.2	---	---	---	---	---	---
16	2.8	.5	1.5	---	---	---	---	---	---	---	---	---
17	.5	.0	.0	---	---	---	---	---	---	---	---	---
18	.5	.0	.2	.2	.0	.0	---	---	---	---	---	---
19	2.7	.5	1.5	.5	.2	.4	---	---	---	---	---	---
20	1.7	.0	.5	.8	.2	.5	---	---	---	---	---	---
21	---	---	---	.7	.0	.3	---	---	---	---	---	---
22	---	---	---	1.0	.2	.6	---	---	---	---	---	---
23	---	---	---	.7	.0	.4	---	---	---	---	---	---
24	.3	.0	.1	---	---	---	---	---	---	---	---	---
25	.7	.0	.2	---	---	---	---	---	---	---	---	---
26	.1	.0	.0	---	---	---	---	---	---	---	---	---
27	.4	.0	.1	---	---	---	---	---	---	---	---	---
28	1.4	.3	.9	---	---	---	---	---	---	---	---	---
29	.6	.0	.1	---	---	---	---	---	---	---	---	---
30	.5	.0	.1	---	---	---	---	---	---	---	---	---
31	.3	.0	.1	---	---	---	---	---	---	---	---	---
MONTH	---	---	---	---	---	---	---	---	---	---	---	---

		FEBRUARY			MARCH			APRIL			MAY	
1	---	---	---	---	---	---	.2	.0	.0	1.7	.0	.5
2	---	---	---	---	---	---	---	---	---	1.3	.0	.3
3	---	---	---	---	---	---	---	---	---	2.7	.0	.9
4	---	---	---	---	---	---	.7	.0	.1	4.1	.0	1.4
5	---	---	---	---	---	---	.1	.0	.0	4.4	.3	1.9
6	---	---	---	---	---	---	---	---	---	3.7	.4	1.8
7	---	---	---	---	---	---	---	---	---	4.7	.8	2.1
8	---	---	---	---	---	---	---	---	---	3.8	.5	1.8
9	---	---	---	---	---	---	.5	.0	.1	4.9	.5	2.3
10	---	---	---	---	---	---	---	---	---	5.0	.5	2.3
11	---	---	---	---	---	---	---	---	---	3.0	.6	1.6
12	---	---	---	---	---	---	---	---	---	4.7	.5	2.2
13	---	---	---	---	---	---	---	---	---	4.5	1.0	2.5
14	---	---	---	---	---	---	---	---	---	4.3	.8	2.4
15	---	---	---	---	---	---	---	---	---	5.7	1.0	2.8
16	---	---	---	---	---	---	.5	.0	.1	6.3	1.2	3.0
17	---	---	---	---	---	---	1.6	.0	.3	6.3	1.2	3.0
18	---	---	---	---	---	---	2.2	.0	.4	4.5	1.3	2.6
19	---	---	---	---	---	---	2.7	.0	.9	5.9	1.5	3.1
20	---	---	---	---	---	---	3.1	.2	1.1	4.8	1.2	2.7
21	---	---	---	---	---	---	3.1	.1	1.1	4.9	1.8	3.1
22	---	---	---	---	---	---	2.2	.0	.6	3.1	2.3	2.7
23	---	---	---	---	---	---	1.2	.0	.3	5.5	1.6	3.2
24	---	---	---	---	---	---	---	---	---	4.1	1.9	2.8
25	---	---	---	---	---	---	---	---	---	5.2	1.2	2.8
26	---	---	---	---	---	---	---	---	---	4.0	1.0	2.3
27	---	---	---	1.5	.0	.5	---	---	---	3.8	1.1	2.1
28	---	---	---	.3	.0	.1	1.2	.0	.4	4.8	1.4	2.8
29	---	---	---	.6	.0	.1	1.6	.1	.8	4.6	2.1	3.2
30	---	---	---	---	---	---	2.3	.0	.7	5.1	2.2	3.6
31	---	---	---	1.2	.0	.4	---	---	---	7.4	2.0	4.0
MONTH	---	---	---	---	---	---	---	---	---	7.4	.0	2.4

Table 24. Daily maximum, minimum, and mean water temperature for site DC1--Continued

393040105340400 DEER CREEK NEAR BAILEY, CO

TEMPERATURE, WATER (DEG. C) WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBER	
1	6.6	2.3	3.9	7.8	3.5	5.3	8.9	6.3	7.5	7.7	5.9	6.9
2	6.5	2.1	3.9	8.0	2.8	5.1	8.6	6.7	7.6	9.5	6.1	7.8
3	6.4	2.3	4.1	7.9	3.0	5.3	9.4	5.8	7.5	8.7	6.6	7.7
4	7.3	3.0	4.7	6.9	4.1	5.5	8.1	6.3	7.1	8.6	6.6	7.6
5	5.9	2.9	4.1	6.5	3.7	5.1	8.1	6.6	7.3	8.6	5.3	7.0
6	5.3	3.0	3.8	7.4	3.9	5.4	7.2	5.4	6.3	8.1	5.8	7.0
7	5.3	2.7	3.7	7.9	3.6	5.5	7.0	4.3	5.8	7.9	4.4	6.2
8	4.0	2.7	3.4	6.4	4.3	5.3	8.9	4.6	6.7	7.4	4.4	6.1
9	4.0	2.2	3.1	7.0	3.8	5.3	7.5	5.7	6.6	7.6	5.3	6.5
10	5.5	2.7	3.8	6.9	4.3	5.7	8.1	6.1	6.9	7.7	4.7	6.3
11	6.7	2.7	4.2	6.3	4.6	5.5	7.2	4.7	6.0	7.6	5.6	6.6
12	5.4	2.7	3.9	8.2	4.0	5.8	7.1	3.8	5.6	7.8	5.6	6.5
13	5.4	3.2	4.2	8.2	4.2	5.9	7.8	4.1	5.9	7.5	4.3	6.0
14	5.8	3.3	4.5	8.8	4.1	6.3	8.0	4.8	6.2	8.1	5.3	6.6
15	5.8	2.6	4.0	9.0	4.4	6.6	8.7	4.9	6.7	8.1	5.0	6.5
16	5.2	2.8	3.8	7.7	4.7	6.2	8.6	5.1	6.9	7.4	5.2	6.2
17	5.8	3.1	4.4	7.3	5.0	6.1	8.1	5.1	6.8	7.1	4.1	5.5
18	7.8	3.2	5.1	7.1	4.8	6.0	8.4	5.9	7.0	7.7	5.2	6.4
19	8.1	4.1	5.7	7.5	5.1	6.2	8.1	5.0	6.6	7.8	5.3	6.4
20	7.8	3.8	5.5	7.3	5.2	6.2	7.8	4.9	6.5	6.4	4.7	5.6
21	7.3	3.7	5.4	7.8	4.8	6.3	7.5	5.7	6.5	6.6	5.1	5.8
22	8.4	4.4	5.9	7.2	5.5	6.5	8.0	5.2	6.6	5.8	4.6	5.2
23	7.0	4.1	5.4	7.7	5.4	6.7	8.2	5.4	6.9	4.6	3.6	4.1
24	6.1	3.8	5.0	8.8	5.6	7.1	8.0	5.6	6.8	6.0	2.8	4.4
25	6.9	3.7	5.2	8.8	5.6	7.3	7.9	5.7	6.9	6.0	2.9	4.6
26	7.2	3.9	5.4	7.9	5.9	7.0	8.4	6.2	7.2	7.0	4.6	5.8
27	6.3	3.9	5.1	7.7	6.4	7.0	8.3	5.6	7.1	6.9	4.6	5.7
28	6.8	3.7	5.2	7.1	5.9	6.4	8.9	6.0	7.5	5.9	3.1	4.6
29	7.2	3.5	5.3	8.4	6.2	7.2	9.1	5.7	7.4	5.8	2.6	4.2
30	8.2	3.4	5.6	9.4	6.6	7.9	7.2	5.5	6.6	5.9	2.9	4.5
31	---	---	---	8.0	6.5	7.3	7.6	5.5	6.6	---	---	---
MONTH	8.4	2.1	4.6	9.4	2.8	6.2	9.4	3.8	6.8	9.5	2.6	6.0

Table 25. Daily water-temperature data for biological sampling site CC11, water years 1996-97

[--, no data]

	Water Year 1996										Water Year 1996									
	October			November			December				January			February			March			
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	
1	--	--	--	.0	1.3	2.8	.1	.4	1.0	1	.1	.1	.2	.0	.0	.2	.0	.0	.1	
2	--	--	--	.0	.1	.6	.1	.3	.9	2	.0	.1	.2	.0	.0	.1	.0	.0	.1	
3	--	--	--	.0	.0	.4	.0	.1	.7	3	.1	.2	.2	.0	.0	.1	.0	.1	.4	
4	1.5	2.7	4.2	.0	.0	.2	.0	.3	.9	4	.0	.2	.4	.0	.0	.1	.1	.3	.7	
5	.6	1.6	3.1	.0	.2	.7	.0	.4	.9	5	.1	.1	.4	.1	.2	.4	.1	.3	.7	
6	.0	1.3	2.9	.1	.3	1.0	.0	.4	1.0	6	.0	.0	.2	.1	.3	.6	.0	.2	.7	
7	.1	1.8	3.9	.1	.4	1.2	.0	.3	.9	7	.2	.3	.6	.1	.4	.9	.0	.2	.7	
8	.7	2.4	4.0	.1	.5	1.4	.0	.0	.1	8	.1	.3	.6	.2	.5	1.2	.0	.3	1.4	
9	.7	2.1	3.7	.2	.6	1.2	.0	.0	.2	9	.1	.3	.7	.1	.5	1.4	.0	.5	1.8	
10	.9	2.7	4.7	.0	.2	.6	.1	.3	.7	10	.1	.3	.6	.0	.4	1.4	.1	.6	1.7	
11	1.2	3.2	5.1	.0	.3	.9	.1	.3	.7	11	.0	.3	.7	.0	.1	.7	.0	.7	2.5	
12	2.2	3.7	5.3	.4	.6	1.0	.2	.6	1.0	12	.1	.3	.7	.0	.1	.7	.0	.5	1.8	
13	.7	2.4	3.4	.4	.8	1.4	.0	.6	1.0	13	.0	.3	.7	.0	.3	1.0	.0	.5	2.0	
14	.6	2.3	4.0	.4	1.0	2.5	.0	.1	.4	14	.0	.2	.7	.1	.5	1.4	.0	.3	1.0	
15	1.2	3.0	5.0	.1	.6	2.2	.0	.0	.2	15	.0	.3	.9	.0	.3	1.4	.0	.6	2.3	
16	1.2	3.1	5.0	.0	.7	2.0	.0	.1	.4	16	.1	.3	.7	.0	.4	1.5	.0	.8	2.8	
17	1.4	3.1	5.0	.0	.5	1.7	.0	.0	.1	17	.0	.2	.4	.0	.5	1.7	.0	.0	.4	
18	1.4	3.1	5.1	.1	.7	1.8	.0	.0	.1	18	.0	.0	.1	.0	.4	1.0	.0	.0	.2	
19	1.4	2.4	3.7	.1	.6	1.5	.0	.0	.0	19	.0	.0	.1	.0	.3	1.0	.0	.2	1.2	
20	.1	1.6	3.9	.1	.6	1.5	.0	.0	.0	20	.1	.1	.2	.1	.4	.9	.0	.4	1.8	
21	.7	2.2	4.4	.0	.4	1.5	.0	.0	.0	21	.1	.1	.2	.0	.6	1.2	.0	.7	2.6	
22	.0	.9	2.2	.1	.4	1.0	.0	.0	.1	22	.1	.2	.4	.0	.6	1.4	.0	.8	2.6	
23	.0	.3	1.5	.0	.3	1.4	.0	.0	.1	23	.0	.0	.1	.0	.1	.6	.0	.7	2.8	
24	.0	.4	1.4	.0	.4	1.4	.0	.1	.1	24	.0	.0	.1	.0	.3	1.0	.0	.1	.7	
25	.0	.7	2.2	.2	.6	1.5	.1	.1	.2	25	.0	.1	.2	.0	.3	1.2	.0	.2	.9	
26	.2	.8	1.8	.1	.5	1.4	.0	.1	.2	26	.0	.0	.1	.0	.1	.2	.0	.2	1.0	
27	.0	.7	2.0	.0	.0	.1	.0	.1	.2	27	.0	.1	.2	.0	.1	.4	.0	.4	1.4	
28	.2	1.1	2.6	.0	.0	.1	.0	.1	.2	28	.0	.1	.2	.0	.0	.1	.0	.6	2.3	
29	.7	1.3	2.2	.1	.4	.7	.1	.1	.2	29	.0	.2	.4	.0	.0	.1	.0	.7	2.5	
30	.4	1.4	2.8	.4	.5	.9	.1	.2	.2	30	.1	.1	.2	--	--	--	.0	.9	3.1	
31	.9	1.8	3.7	--	--	--	.0	.1	.2	31	.0	.3	.6	--	--	--	.0	1.0	3.4	
Min	.0	.3	1.4	.0	.0	.1	.0	.0	.0	Min	.0	.0	.1	.0	.0	.1	.0	.0	.1	
Mean	.7	1.9	3.5	.1	.5	1.2	.0	.2	.4	Mean	.0	.2	.4	.0	.3	.8	.0	.4	1.5	
Max	2.2	3.7	5.3	.4	1.3	2.8	.2	.6	1.0	Max	.2	.3	.9	.2	.6	1.7	.1	1.0	3.4	

Table 25. Daily water-temperature data for biological sampling site CC11, water years 1996-97--Continued

[--, no data]

	Water Year 1996										Water Year 1996									
	April			May			June				July			August			September			
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	
1	.0	1.0	3.6	.4	2.5	6.7	2.5	5.3	8.7	1	6.1	9.2	12.1	7.0	9.8	12.9	6.2	8.3	10.6	
2	.1	1.1	4.0	.9	2.6	5.4	2.0	5.7	9.8	2	6.4	8.6	10.6	8.1	10.0	12.1	6.8	8.3	10.1	
3	.1	1.0	2.9	.7	2.6	6.8	2.5	6.1	10.2	3	6.7	8.5	10.2	7.8	9.3	11.6	6.2	8.5	11.2	
4	.0	.2	1.2	.2	2.6	7.8	3.1	6.1	9.3	4	6.1	8.4	12.7	7.5	9.6	12.6	6.8	9.0	11.6	
5	.0	.7	2.9	.2	2.7	8.1	3.6	6.8	11.2	5	6.7	9.6	12.9	6.5	9.3	12.4	7.3	8.7	10.2	
6	.0	1.0	3.7	.2	2.7	6.5	3.4	6.5	9.9	6	7.3	10.0	13.0	6.7	9.5	12.7	6.8	8.7	8.2	
7	.2	1.2	3.1	.2	2.8	7.8	2.5	6.5	10.2	7	7.3	10.2	13.0	7.2	8.7	10.6	5.0	7.1	9.8	
8	.2	1.4	4.2	.2	3.2	8.4	3.1	6.5	9.5	8	7.8	9.6	11.6	6.1	8.0	9.8	5.0	7.2	9.6	
9	.1	1.4	5.0	.9	3.6	9.6	4.0	6.7	9.3	9	7.5	8.7	9.5	6.4	8.7	11.0	5.4	7.2	9.5	
10	.1	1.3	4.5	.6	3.4	7.8	3.9	6.7	10.6	10	6.8	8.8	10.7	6.1	8.5	10.9	5.4	7.4	9.3	
11	.2	1.2	3.3	.7	4.1	9.6	3.7	7.0	10.6	11	6.8	9.9	12.9	5.9	8.7	11.8	5.4	7.4	9.9	
12	.0	1.0	3.4	1.0	4.4	9.2	3.9	6.0	7.9	12	7.8	10.2	11.8	6.7	9.3	12.1	6.1	7.3	8.9	
13	.0	.3	.7	.7	3.9	9.8	3.9	6.7	9.8	13	7.6	10.0	12.4	7.0	8.8	10.6	5.6	6.8	8.1	
14	.0	.8	3.9	.9	3.8	8.1	4.4	6.0	7.5	14	7.6	10.5	13.5	7.2	8.6	10.1	4.7	6.1	7.5	
15	.0	1.4	5.0	.6	4.1	8.8	4.4	5.4	6.1	15	7.5	9.5	11.3	7.0	9.3	12.0	5.0	6.7	8.9	
16	.0	1.6	5.4	1.0	4.3	9.3	3.4	6.7	10.1	16	7.8	9.3	11.2	7.6	9.6	12.1	4.2	6.6	9.3	
17	.1	1.7	5.6	1.7	4.3	8.4	4.2	7.3	10.2	17	7.9	10.5	13.6	6.8	9.0	11.6	4.7	5.9	7.8	
18	.0	.8	3.4	1.2	4.5	9.6	4.2	7.6	10.9	18	8.8	9.9	12.4	7.3	9.6	11.8	2.5	4.4	6.5	
19	.0	.4	1.8	2.0	4.9	9.5	4.2	8.0	11.5	19	7.3	9.7	12.1	8.1	9.1	10.6	1.4	2.8	4.7	
20	.0	.4	1.8	1.5	3.6	5.9	5.1	8.4	11.6	20	7.5	9.8	12.7	7.0	9.1	11.8	2.3	3.7	5.6	
21	.0	.8	2.9	1.5	4.9	8.8	6.1	7.8	9.5	21	7.3	10.4	13.6	8.2	9.3	10.9	2.6	4.6	7.0	
22	.0	.9	3.3	1.8	5.1	9.0	5.9	7.9	11.0	22	7.2	10.1	13.5	7.5	8.4	9.3	3.7	5.4	7.6	
23	.0	1.8	5.9	2.9	4.9	7.8	4.0	7.6	11.0	23	7.5	10.5	13.8	6.5	8.0	9.5	4.4	5.5	6.8	
24	.6	2.0	5.9	2.8	3.9	4.8	5.3	8.3	11.0	24	7.3	10.1	14.0	6.1	8.6	11.0	4.2	5.5	7.3	
25	.0	1.5	4.5	2.2	3.2	3.9	5.3	7.5	9.8	25	8.2	9.6	11.0	6.5	9.0	11.8	2.9	4.9	6.5	
26	.1	1.9	5.0	.4	1.1	2.2	5.3	8.4	11.3	26	6.8	8.1	11.0	7.3	9.1	11.5	1.0	1.9	2.9	
27	.4	1.7	4.5	.7	2.0	3.3	7.0	8.5	10.4	27	--	--	--	7.5	8.3	9.5	.0	.8	1.7	
28	.0	.1	.6	.9	2.3	4.0	6.5	7.8	9.2	28	--	--	--	6.5	8.1	10.1	.9	2.5	4.8	
29	.0	.7	2.5	1.2	4.3	8.4	5.0	8.1	11.0	29	--	--	--	6.5	8.3	10.1	1.2	3.3	5.9	
30	.0	1.2	2.9	1.8	4.5	7.5	6.5	8.8	11.5	30	--	--	--	6.4	8.6	10.7	2.0	4.1	6.5	
31	--	--	--	1.7	5.0	8.8	--	--	--	31	--	--	--	6.2	8.4	11.0	--	--	--	
Min	.0	.1	.6	.2	1.1	2.2	2.0	5.3	6.1	Min	6.1	8.1	9.5	5.9	8.0	9.3	.0	.8	1.7	
Mean	.1	1.1	3.6	1.1	3.6	7.5	4.3	7.1	10.0	Mean	7.3	9.6	12.2	6.9	8.9	11.2	4.2	5.9	7.8	
Max	.6	2.0	5.9	2.9	5.1	9.8	7.0	8.8	11.6	Max	8.8	10.5	14.0	8.2	10.0	12.9	7.3	9.0	11.6	

Table 25. Daily water-temperature data for biological sampling site CC11, water years 1996-97--Continued

[--, no data]

	Water Year 1997										Water Year 1997									
	October			November			December				January			February			March			
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	
1	2.6	4.4	6.5	.0	.5	1.7	.1	.2	.4	1	.1	.5	1.0	.1	.4	1.0	.0	.1	.4	
2	2.6	4.8	7.2	.0	.5	1.5	.1	.2	.4	2	.4	.7	1.2	.0	.3	.9	.1	.3	.9	
3	4.8	6.4	8.7	.0	.6	1.5	.0	.1	.1	3	.2	.5	.9	.0	.2	.6	.0	.2	.7	
4	4.0	5.3	6.4	.1	.7	1.7	.1	.1	.1	4	.0	.0	.1	.0	.1	.2	.0	.2	.6	
5	3.1	5.0	7.0	.0	.5	1.4	.1	.1	.2	5	.0	.0	.1	.0	.1	.4	.0	.1	.4	
6	2.9	4.9	6.8	.0	.2	.9	.1	.2	.2	6	.0	.1	.1	.1	.1	.2	.0	.3	.9	
7	3.1	5.0	6.8	.0	.0	.2	.1	.2	.2	7	.1	.1	.2	.0	.1	.4	.0	.3	1.2	
8	3.4	5.1	7.2	.0	.2	.4	.2	.3	.7	8	.1	.2	.2	.0	.1	.2	.0	.4	1.4	
9	2.9	4.8	7.0	.1	.6	1.0	.1	.4	.9	9	.1	.2	.2	.0	.1	.2	.0	.4	1.4	
10	2.8	4.7	6.8	.2	.7	1.4	.2	.4	.7	10	.2	.3	.4	.0	.1	.2	.1	.5	1.7	
11	2.9	4.8	7.0	.0	.4	1.2	.1	.4	.7	11	.1	.3	.4	.1	.2	.4	.0	.5	2.0	
12	2.8	4.7	6.8	.1	.5	1.5	.2	.5	.7	12	.1	.2	.2	.1	.3	.6	.0	.6	2.2	
13	2.6	4.6	6.4	.1	.5	1.4	.1	.4	.7	13	.1	.3	.4	.0	.2	.7	.0	.6	2.2	
14	3.1	3.9	5.1	.1	.6	1.5	.0	.1	.2	14	.2	.3	.4	.0	.1	.4	.0	.2	.6	
15	1.5	3.2	5.0	.0	.2	.7	.0	.0	.1	15	.1	.3	.6	.0	.2	.6	.1	.7	2.2	
16	.9	2.2	4.0	.0	.0	.1	.0	.1	.2	16	.1	.2	.4	.1	.3	.9	.1	.8	2.6	
17	.0	.5	1.8	.0	.1	.2	.1	.1	.1	17	.1	.3	.4	.2	.4	1.2	.1	.8	2.3	
18	.0	1.1	2.6	.2	.5	.9	.1	.1	.1	18	.4	.5	.6	.1	.5	1.4	.0	.7	2.8	
19	.9	2.1	3.7	.6	.7	1.4	.1	.2	.2	19	.2	.4	.7	.0	.2	.9	.1	.9	3.3	
20	.0	.9	2.0	.1	.7	1.5	.1	.2	.2	20	.1	.4	.7	.0	.1	.4	.2	1.0	3.4	
21	.0	.1	.6	.0	.3	1.2	.2	.3	.4	21	.1	.3	.6	.0	.1	.6	.2	1.1	3.4	
22	.0	.1	.2	.2	.7	1.5	.2	.3	.4	22	.1	.2	.6	.0	.1	.2	.0	1.1	3.6	
23	.1	.7	1.4	.2	.6	1.2	.1	.2	.4	23	.2	.3	.6	.1	.1	.2	.0	1.1	4.0	
24	.0	.6	1.5	.0	.1	.6	.1	.2	.4	24	.1	.1	.2	.0	.1	.4	.0	.3	1.7	
25	.2	.9	2.0	.0	.2	.7	.1	.3	.4	25	.1	.3	.6	.0	.1	.4	.0	.4	1.8	
26	.0	.2	.9	.0	.1	.2	.1	.3	.6	26	.2	.4	.7	.0	.2	.6	.0	1.0	3.7	
27	.1	.7	1.7	.0	.0	.2	.2	.3	.6	27	.1	.4	.9	.0	.2	.6	.0	1.1	4.0	
28	.4	1.1	2.3	.0	.0	.1	.0	.2	.4	28	.0	.1	.4	.0	.1	.2	.0	.9	3.3	
29	.0	.4	1.4	.0	.0	.1	.1	.3	.7	29	.1	.3	.6	--	--	--	.0	.9	3.4	
30	.0	.6	2.0	.1	.1	.4	.2	.4	.7	30	.1	.4	.7	--	--	--	.0	.9	3.9	
31	.0	.5	1.5	--	--	--	.2	.4	.9	31	.4	.6	.9	--	--	--	.0	1.1	4.4	
Min	.0	.1	.2	.0	.0	.1	.0	.0	.1	Min	.0	.0	.1	.0	.1	.2	.0	.1	.4	
Mean	1.5	2.7	4.2	.1	.4	.9	.1	.2	.4	Mean	.1	.3	.5	.0	.2	.5	.0	.6	2.3	
Max	4.8	6.4	8.7	.6	.7	1.7	.2	.5	.9	Max	.4	.7	1.2	.2	.5	1.4	.2	1.1	4.4	

Table 25. Daily water-temperature data for biological sampling site CC11, water years 1996-97--Continued

[--, no data]

	Water Year 1997										Water Year 1997									
	April			May			June				July			August			September			
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	
1	.0	.2	1.2	.1	1.2	3.4	--	--	--	1	5.3	7.8	10.6	7.3	9.3	10.9	6.5	8.2	9.8	
2	.0	.0	.1	.0	1.3	4.2	--	5.8	--	2	4.4	7.6	10.9	8.1	9.4	11.0	7.3	9.2	11.3	
3	.0	.6	2.3	.0	1.9	5.4	2.5	5.5	9.6	3	5.0	7.9	10.9	6.8	9.2	12.3	7.3	9.2	11.2	
4	.0	.3	1.8	.4	2.3	5.6	3.3	6.1	10.1	4	5.8	8.0	10.2	7.8	9.2	10.4	7.8	9.5	11.0	
5	.0	.4	2.0	.2	2.4	5.9	3.6	5.5	7.8	5	5.1	7.1	8.8	8.1	9.0	9.6	6.7	8.9	11.2	
6	.0	.3	1.4	.4	2.3	5.9	4.0	4.9	5.8	6	5.1	7.2	9.2	6.2	7.3	8.4	6.7	8.0	9.8	
7	.0	.5	1.8	.6	2.2	5.3	3.1	4.8	7.2	7	5.0	7.9	10.9	5.0	7.1	9.0	5.0	7.5	10.2	
8	.0	.7	2.6	.4	2.5	5.9	3.4	4.1	4.7	8	5.8	7.0	8.1	5.1	8.1	11.2	4.5	7.4	10.2	
9	.0	.9	2.9	.2	2.7	6.5	2.6	3.8	4.7	9	4.8	6.9	8.7	6.4	7.6	8.4	5.4	7.7	10.7	
10	.0	.1	.6	.2	2.7	6.7	2.9	5.0	7.8	10	5.6	7.4	9.0	6.5	7.9	9.9	5.3	7.9	10.7	
11	.0	.1	.6	.6	1.9	3.7	3.4	5.4	8.2	11	6.1	7.0	7.9	4.8	6.7	8.1	5.8	8.1	10.1	
12	.0	.1	.2	.4	3.0	6.5	3.3	5.5	8.1	12	5.1	7.4	9.6	4.0	6.3	8.2	5.8	8.1	10.1	
13	.0	.2	.7	.9	3.2	6.4	3.7	5.8	8.7	13	5.8	8.4	11.2	4.7	6.9	8.8	4.0	7.2	10.1	
14	.0	.5	1.5	.7	3.1	6.1	4.3	6.4	8.8	14	5.8	8.9	11.8	5.3	7.2	9.0	5.1	7.9	10.7	
15	.1	1.1	3.4	.9	3.6	7.9	3.4	5.7	9.3	15	6.5	9.4	13.0	5.6	8.2	11.0	4.8	7.2	9.8	
16	.0	1.3	4.7	1.0	3.8	7.8	3.7	5.6	7.8	16	6.7	8.3	9.6	5.9	8.2	10.1	4.7	7.1	9.0	
17	.0	1.4	4.8	1.2	3.8	8.1	4.4	6.1	8.2	17	6.5	7.9	8.7	5.9	8.0	9.6	3.4	6.3	10.2	
18	.0	1.3	4.4	1.0	3.0	5.4	4.0	6.8	10.1	18	6.2	7.2	8.1	7.0	8.2	10.1	5.9	8.1	10.6	
19	.1	1.4	4.5	1.0	3.8	8.4	5.4	7.9	11.2	19	6.1	7.6	9.0	5.8	7.2	8.5	5.8	7.4	10.6	
20	.2	1.6	5.1	1.0	3.2	5.6	5.1	8.0	11.6	20	6.5	8.2	9.9	5.6	7.6	9.5	4.5	6.5	10.1	
21	.0	.9	2.3	1.7	3.5	5.8	5.1	7.5	9.9	21	6.2	8.2	9.8	6.1	7.6	9.0	5.1	6.9	8.5	
22	.0	1.2	4.0	2.2	2.9	3.7	5.8	8.4	11.3	22	6.8	8.3	9.5	6.2	8.0	10.2	3.9	5.7	8.2	
23	.0	.9	2.9	1.5	4.1	8.1	5.4	7.2	8.7	23	7.2	8.6	10.1	6.2	8.4	10.9	3.1	4.4	5.1	
24	.0	.0	.1	1.8	3.3	5.4	4.8	6.7	8.5	24	7.2	9.7	12.3	6.5	8.4	9.9	1.8	4.9	9.9	
25	.0	.0	.1	1.2	3.7	6.8	4.7	7.0	9.6	25	7.9	9.4	10.9	7.0	8.5	10.1	1.7	5.6	12.9	
26	.0	.2	.6	1.2	3.6	6.8	5.1	7.6	10.7	26	7.5	8.9	10.6	7.5	8.9	10.6	4.8	7.1	10.1	
27	.0	.7	2.3	1.2	2.9	5.4	5.3	7.0	8.5	27	7.9	8.7	9.6	6.8	9.2	11.5	--	--	--	
28	.2	1.0	2.6	1.7	3.9	6.4	4.8	7.0	8.7	28	7.3	8.0	8.7	7.3	9.1	11.0	--	--	--	
29	.2	1.2	3.3	2.6	4.1	5.8	4.7	7.3	9.9	29	7.5	8.8	9.9	7.2	9.2	12.0	--	--	--	
30	.0	1.5	4.4	--	--	--	4.8	8.0	11.5	30	7.9	10.2	12.9	6.4	8.2	9.8	--	--	--	
31	--	--	--	--	--	--	--	--	--	31	8.5	9.4	10.2	6.2	7.9	9.5	--	--	--	
Min	.0	.0	.1	.0	1.2	3.4	2.5	3.8	4.7	Min	4.4	6.9	7.9	4.0	6.3	8.1	1.7	4.4	5.1	
Mean	.0	.7	2.3	.9	3.0	6.0	4.2	6.3	8.8	Mean	6.3	8.2	10.0	6.3	8.1	10.0	5.1	7.4	10.1	
Max	.2	1.6	5.1	2.6	4.1	8.4	5.8	8.4	11.6	Max	8.5	10.2	13.0	8.1	9.4	12.3	7.8	9.5	12.9	

Table 26. Daily water-temperature data for biological sampling site GC1, water years 1996-97

[--, no data]

	Water Year 1996								
	October			November			December		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	--	--	--	.0	.4	1.2	.4	.5	.6
2	--	--	--	.0	.0	.3	.3	.4	.6
3	--	--	--	.0	.0	.6	.3	.4	.8
4	--	--	--	.0	.0	.3	.4	.5	.6
5	--	--	--	.0	.0	.4	.1	.5	.6
6	--	--	--	.0	.1	.4	.1	.4	.6
7	.0	1.0	5.8	.0	.1	.3	.4	.5	.6
8	.0	.9	6.0	.0	.2	.8	.3	.5	.6
9	.0	.9	4.4	.0	.1	.1	.3	.5	.6
10	.0	1.8	7.7	.0	.0	.0	.4	.5	.8
11	.0	2.6	9.5	.0	.3	.4	.4	.5	.8
12	.0	2.1	6.1	.1	.3	.4	.3	.5	.8
13	.0	.4	3.3	.1	.2	.3	.3	.5	.9
14	.0	.6	3.3	.1	.3	.4	.3	.4	.8
15	.0	1.7	6.0	.3	.4	.6	.4	.5	.8
16	.0	1.6	6.0	.4	.5	.8	.4	.5	.8
17	.0	1.4	5.5	.4	.5	.8	.4	.5	.8
18	.0	1.4	5.8	.3	.6	.8	.3	.5	.9
19	.0	.5	3.0	.4	.6	.9	.3	.4	1.1
20	.0	.2	1.7	.4	.6	.9	.3	.4	.9
21	.0	.5	2.2	.4	.6	1.1	.3	.4	.9
22	.0	.0	.1	.0	.5	1.2	.1	.3	.9
23	.0	.0	.3	.4	.6	1.2	.1	.3	.9
24	.0	.0	.1	.3	.5	1.2	.3	.4	.9
25	.0	.2	.6	.3	.5	1.1	.1	.3	.9
26	.0	.2	.6	.3	.5	1.1	.1	.3	.9
27	.1	.4	.6	.3	.3	.4	.1	.3	.9
28	.1	.4	.8	.1	.4	.4	.1	.2	.8
29	.1	.5	1.1	.1	.4	.6	.0	.2	.9
30	.1	.6	1.1	.4	.5	.6	.0	.1	.3
31	.1	.7	1.7	--	--	--	.0	.1	.3
Min	.0	.0	.1	.0	.0	.0	.0	.1	.3
Mean	.0	.8	3.3	.2	.3	.7	.2	.4	.8
Max	.1	2.6	9.5	.4	.6	1.2	.4	.5	1.1

	Water Year 1996								
	January			February			March		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.1	.3	.4	.4	.4	.4	.4	.4	.4
2	.3	.3	.4	.4	.4	.4	.3	.4	.4
3	.1	.2	.3	.1	.4	.4	.3	.3	.3
4	.3	.3	.4	.4	.4	.4	.3	.4	.4
5	.1	.3	.4	.4	.4	.4	.3	.4	.4
6	.3	.3	.4	.4	.4	.4	.3	.4	.4
7	.3	.3	.4	.1	.4	.4	.4	.4	.4
8	.3	.3	.3	.1	.3	.3	.4	.4	.4
9	.3	.3	.3	.3	.4	.4	.3	.4	.4
10	.3	.3	.3	.3	.4	.4	.4	.4	.4
11	.3	.3	.4	.3	.4	.4	.3	.4	.4
12	.3	.4	.4	.3	.4	.4	.3	.4	.4
13	.3	.4	.4	.3	.4	.4	.3	.4	.4
14	.3	.4	.4	.3	.4	.4	.1	.3	.4
15	.1	.4	.4	.4	.4	.4	.4	.4	.4
16	.3	.4	.4	.3	.4	.4	.4	.4	.4
17	.3	.4	.4	.3	.4	.4	.3	.4	.4
18	.3	.3	.4	.1	.3	.4	.3	.4	.4
19	.1	.3	.4	.3	.4	.4	.4	.4	.4
20	.3	.4	.4	.1	.3	.4	.4	.4	.4
21	.4	.4	.4	.1	.3	.4	.4	.4	.4
22	.4	.4	.4	.4	.4	.4	.3	.4	.4
23	.3	.4	.4	.4	.4	.4	.3	.3	.4
24	.3	.4	.4	.4	.4	.4	.3	.3	.3
25	.1	.2	.3	.4	.4	.4	.3	.4	.4
26	.3	.4	.4	.3	.4	.4	.4	.4	.4
27	.4	.4	.4	.4	.4	.4	.4	.4	.4
28	.3	.4	.4	.4	.4	.4	.4	.4	.4
29	.4	.4	.4	--	--	--	.4	.4	.4
30	.1	.3	.4	--	--	--	.3	.4	.4
31	.3	.4	.4	--	--	--	.3	.4	.4
Min	.1	.2	.3	.1	.3	.3	.1	.3	.3
Mean	.3	.3	.4	.3	.4	.4	.3	.4	.4
Max	.4	.4	.4	.4	.4	.4	.4	.4	.4

Table 26. Daily water-temperature data for biological sampling site GC1, water years 1996-97--Continued

[--, no data]

	Water Year 1996								
	April			May			June		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.3	.3	.4	.4	.4	.4	1.4	1.9	2.8
2	.3	.4	.4	.4	.4	.4	1.2	2.0	3.0
3	.3	.3	.4	.4	.4	.4	1.7	2.2	3.3
4	.3	.3	.4	.4	.4	.4	1.7	2.4	3.3
5	.3	.4	.4	.4	.6	.9	2.0	2.7	3.9
6	.4	.4	.4	.9	1.1	1.4	2.4	3.4	4.9
7	.4	.4	.4	1.1	1.4	1.9	2.8	4.2	5.8
8	.3	.4	.4	1.1	1.4	2.2	3.6	4.6	6.1
9	.0	.3	.4	1.1	1.5	2.5	3.9	4.6	6.1
10	.0	.0	.0	1.1	1.5	2.0	4.1	4.9	6.3
11	.0	.5	.9	.9	1.2	1.7	4.1	5.1	7.1
12	.6	.7	.9	.8	1.2	1.9	4.1	5.0	6.3
13	.8	.8	.9	1.1	1.5	2.5	4.1	5.3	8.4
14	.6	.6	.8	1.1	1.7	2.7	4.6	5.2	6.0
15	.6	.6	.6	1.2	1.8	2.8	3.3	4.3	5.0
16	.6	.7	.8	1.4	2.0	3.0	3.0	4.6	8.1
17	.8	.8	.8	1.6	2.0	3.2	3.6	5.4	9.2
18	.8	.8	.8	1.6	2.1	3.2	4.2	6.2	9.7
19	.8	.8	.8	1.9	2.3	3.2	4.4	6.4	10.0
20	.6	.6	.6	2.0	2.8	3.8	4.9	6.5	10.2
21	.6	.6	.6	2.2	2.9	3.9	4.7	5.8	7.7
22	.6	.6	.6	2.4	3.0	3.9	4.7	5.7	7.1
23	.6	.6	.6	3.0	3.2	3.9	4.1	6.6	10.8
24	.6	.6	.6	2.5	2.7	3.0	5.6	7.3	10.5
25	.6	.6	.6	2.0	2.2	2.4	5.2	7.2	12.2
26	.6	.6	.6	1.2	1.7	2.4	5.5	7.4	12.5
27	.6	.6	.6	.8	1.2	1.9	6.3	7.4	9.4
28	.6	.6	.6	1.1	1.6	2.5	5.8	7.1	9.7
29	.6	.6	.6	.9	1.8	3.0	5.0	7.6	12.9
30	.4	.5	.6	1.2	1.9	2.5	7.1	8.8	13.4
31	--	--	--	1.1	1.9	2.8	--	--	--
Min	.0	.0	.0	.4	.4	.4	1.2	1.9	2.8
Mean	.5	.5	.6	1.3	1.7	2.3	4.0	5.3	7.7
Max	.8	.8	.9	3.0	3.2	3.9	7.1	8.8	13.4

	Water Year 1996								
	July			August			September		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	6.4	9.2	13.9	--	--	--	--	--	--
2	6.9	8.8	12.3	--	--	--	--	--	--
3	6.6	8.3	11.2	--	--	--	--	--	--
4	6.4	8.8	13.4	--	--	--	--	--	--
5	6.9	9.4	13.6	--	--	--	--	--	--
6	7.1	9.6	16.1	--	--	--	--	--	--
7	7.1	9.8	15.9	--	--	--	--	--	--
8	7.4	9.6	13.6	--	--	--	--	--	--
9	7.5	9.3	12.3	--	--	--	--	--	--
10	6.7	9.3	13.9	--	--	--	--	--	--
11	6.6	9.8	17.0	--	--	--	--	--	--
12	7.2	10.4	16.9	--	--	--	--	--	--
13	8.3	10.6	17.2	--	--	--	--	--	--
14	7.5	10.9	18.6	--	--	--	--	--	--
15	7.1	10.4	18.1	--	--	--	--	--	--
16	7.7	10.0	14.5	--	--	--	--	--	--
17	7.5	10.8	17.2	--	--	--	--	--	--
18	8.1	9.8	12.8	--	--	--	--	--	--
19	7.1	10.4	18.3	--	--	--	--	--	--
20	7.4	11.0	16.4	--	--	--	--	--	--
21	7.2	11.2	20.2	--	--	--	--	--	--
22	6.6	11.1	20.4	--	--	--	--	--	--
23	8.1	11.5	20.6	--	--	--	--	--	--
24	6.7	11.0	20.6	--	--	--	--	--	--
25	8.3	11.0	18.6	--	--	--	--	--	--
26	6.7	9.8	16.1	--	--	--	--	--	--
27	6.4	9.8	17.0	--	--	--	--	--	--
28	7.1	10.1	16.2	--	--	--	--	--	--
29	8.4	9.6	11.1	--	--	--	--	--	--
30	6.7	10.2	17.3	--	--	--	--	--	--
31	6.0	10.5	19.3	--	--	--	--	--	--
Min	6.0	8.3	11.1	--	--	--	--	--	--
Mean	7.2	10.1	16.1	--	--	--	--	--	--
Max	8.4	11.5	20.6	--	--	--	--	--	--

Table 26. Daily water-temperature data for biological sampling site GC1, water years 1996-97--Continued

[--, no data]

	Water Year 1997								
	October			November			December		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	--	--	--	--	--	--	--	--	--
2	--	--	--	--	--	--	--	--	--
3	--	--	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--	--	--
13	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--
Min	--	--	--	--	--	--	--	--	--
Mean	--	--	--	--	--	--	--	--	--
Max	--	--	--	--	--	--	--	--	--

	Water Year 1997								
	January			February			March		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	--	--	--	--	--	--	--	--	--
2	--	--	--	--	--	--	--	--	--
3	--	--	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--	--	--
13	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--
Min	--	--	--	--	--	--	--	--	--
Mean	--	--	--	--	--	--	--	--	--
Max	--	--	--	--	--	--	--	--	--

Table 26. Daily water-temperature data for biological sampling site GC1, water years 1996-97--Continued

[--, no data]

	Water Year 1997								
	April			May			June		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	--	--	--	--	--	--	--	--	--
2	--	--	--	--	--	--	--	--	--
3	--	--	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--	--	--
13	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--
Min	--	--	--	--	--	--	--	--	--
Mean	--	--	--	--	--	--	--	--	--
Max	--	--	--	--	--	--	--	--	--

	Water Year 1997								
	July			August			September		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	--	--	--	--	--	--	--	--	--
2	--	--	--	--	--	--	--	--	--
3	--	--	--	--	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--
5	--	--	--	--	--	--	--	--	--
6	--	--	--	--	--	--	--	--	--
7	--	--	--	--	--	--	--	--	--
8	--	--	--	--	--	--	--	--	--
9	--	--	--	--	--	--	--	--	--
10	--	--	--	--	--	--	--	--	--
11	--	--	--	--	--	--	--	--	--
12	--	--	--	--	--	--	--	--	--
13	--	--	--	--	--	--	--	--	--
14	--	--	--	--	--	--	--	--	--
15	--	--	--	--	--	--	--	--	--
16	--	--	--	--	--	--	--	--	--
17	--	--	--	--	--	--	--	--	--
18	--	--	--	--	--	--	--	--	--
19	--	--	--	--	--	--	--	--	--
20	--	--	--	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--
Min	--	--	--	--	--	--	--	--	--
Mean	--	--	--	--	--	--	--	--	--
Max	--	--	--	--	--	--	--	--	--

Table 27. Daily water-temperature data for biological sampling site GC2, water years 1996-97

[--, no data]

	Water Year 1996								
	October			November			December		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	--	--	--	.1	1.1	5.3	.6	.6	.6
2	--	--	--	.1	.6	4.8	.6	.6	.6
3	--	--	--	.1	.5	2.3	.4	.4	.6
4	--	--	--	.1	.6	4.4	.4	.4	.6
5	--	--	--	.1	.7	3.6	.4	.5	.6
6	--	--	--	.1	.5	2.6	.2	.5	.6
7	.1	2.3	10.9	.1	.1	.4	.4	.4	.6
8	.1	2.4	11.2	.1	.2	.9	.4	.4	.4
9	.1	2.2	9.5	.1	.2	.2	.4	.4	.6
10	.1	3.1	12.6	.2	.2	.2	.4	.5	.6
11	.1	3.7	13.4	.2	.3	.4	.2	.5	.6
12	.6	2.9	8.8	.2	.4	.4	.4	.5	.6
13	.1	1.9	9.9	.2	.4	.4	.4	.5	.6
14	.1	2.3	10.2	.4	.4	.4	.4	.4	.6
15	.1	3.3	12.4	.4	.4	.4	.4	.4	.6
16	.1	3.5	12.7	.4	.5	.6	.4	.4	.6
17	.1	3.5	12.9	.4	.5	.6	.4	.4	.6
18	.1	3.5	12.9	.4	.5	.6	.4	.4	.4
19	.1	2.5	11.3	.4	.5	.6	.4	.4	.4
20	.1	1.9	8.7	.6	.6	.6	.2	.3	.4
21	.1	2.5	10.9	.6	.6	.6	.2	.3	.4
22	.1	.5	2.5	.4	.5	.6	.2	.3	.4
23	.1	.7	3.7	.4	.5	.6	.2	.2	.4
24	.1	.8	4.0	.4	.5	.6	.2	.3	.4
25	.1	.7	3.2	.6	.6	.6	.2	.3	.4
26	.1	.4	2.3	.4	.5	.6	.2	.3	.4
27	.1	.4	1.0	.4	.4	.6	.2	.2	.2
28	.1	.7	3.1	.2	.4	.4	.2	.2	.4
29	.1	1.4	7.6	.4	.4	.6	.2	.2	.2
30	.1	1.1	7.5	.6	.6	.6	.2	.3	.4
31	.1	1.4	7.8	--	--	--	.2	.4	.4
Min	.1	.4	1.0	.1	.1	.2	.2	.2	.2
Mean	.1	2.0	8.4	.3	.5	1.2	.3	.4	.5
Max	.6	3.7	13.4	.6	1.1	5.3	.6	.6	.6

	Water Year 1996								
	January			February			March		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.4	.4	.4	.6	.6	.6	.6	.6	.6
2	.4	.4	.4	.6	.6	.6	.6	.6	.6
3	.4	.4	.4	.2	.5	.6	.6	.6	.6
4	.4	.4	.4	.6	.6	.6	.6	.6	.6
5	.4	.4	.4	.6	.6	.6	.6	.6	.6
6	.4	.4	.4	.6	.6	.6	.6	.6	.6
7	.4	.4	.4	.6	.6	.6	.6	.6	.6
8	.4	.4	.4	.6	.6	.6	.6	.6	.6
9	.4	.5	.6	.6	.6	.6	.6	.6	.6
10	.4	.5	.6	.6	.6	.6	.6	.6	.6
11	.4	.5	.6	.6	.6	.6	.6	.6	.6
12	.6	.6	.6	.6	.6	.6	.6	.7	.7
13	.6	.6	.6	.6	.6	.6	.6	.7	.7
14	.6	.6	.6	.6	.6	.6	.6	.6	.7
15	.6	.6	.6	.6	.6	.6	.6	.6	.6
16	.6	.6	.6	.6	.6	.6	.6	.6	.7
17	.6	.6	.6	.6	.6	.6	.6	.6	.6
18	.6	.6	.6	.6	.6	.6	.6	.6	.7
19	.6	.6	.6	.6	.6	.6	.6	.6	.7
20	.6	.6	.6	.6	.6	.6	.6	.7	.7
21	.6	.6	.6	.6	.6	.6	.7	.7	.7
22	.6	.6	.6	.6	.6	.6	.7	.7	.7
23	.6	.6	.6	.6	.6	.6	.7	.7	.7
24	.6	.6	.6	.6	.6	.6	.7	.7	.7
25	.6	.6	.6	.6	.6	.6	.7	.7	.7
26	.6	.6	.6	.6	.6	.6	.7	.7	.7
27	.6	.6	.6	.6	.6	.6	.7	.7	.7
28	.6	.6	.6	.6	.6	.6	.7	.7	.7
29	.6	.6	.6	.6	.6	.6	.7	.7	.7
30	.6	.6	.6	--	--	--	.7	.7	.7
31	.6	.6	.6	--	--	--	.7	.7	.7
Min	.4	.4	.4	.2	.5	.6	.6	.6	.6
Mean	.5	.5	.5	.6	.6	.6	.6	.6	.7
Max	.6	.6	.6	.6	.6	.6	.7	.7	.7

Table 27. Daily water-temperature data for biological sampling site GC2, water years 1996-97--Continued

[--, no data]

	Water Year 1996								
	April			May			June		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.7	.7	.7	.7	.7	.7	.4	1.3	3.6
2	.7	.7	.7	.6	.7	.7	.4	1.5	4.0
3	.6	.7	.7	.4	.6	.7	.4	1.6	4.4
4	.7	.7	.7	.1	.5	.6	.6	1.7	3.7
5	.7	.7	.7	.1	.3	.4	.7	1.9	5.0
6	.7	.7	.7	.1	.3	.4	.6	2.4	5.6
7	.7	.7	.7	.1	.3	.4	.4	2.6	6.4
8	.6	.7	.7	.1	.2	.4	.6	2.9	7.0
9	.4	.5	.6	.2	.2	.4	1.2	3.5	8.5
10	.6	.6	.6	.2	.3	.4	1.2	3.9	11.8
11	.6	.6	.6	.1	.3	.4	1.0	5.0	14.3
12	.6	.6	.6	.1	.2	.4	1.2	4.1	10.4
13	.6	.7	.7	.2	.2	.4	1.5	5.3	14.0
14	.7	.7	.7	.2	.3	.4	1.8	4.1	7.0
15	.7	.7	.7	.1	.3	.4	1.8	3.3	5.1
16	.7	.7	.7	.1	.2	.4	1.2	6.6	17.9
17	.7	.7	.7	.2	.2	.4	1.7	7.8	18.9
18	.7	.7	.7	.2	.3	.4	1.8	8.2	18.7
19	.7	.7	.7	.1	.3	.4	2.1	8.1	18.6
20	.7	.7	.7	.2	.4	.9	2.9	8.4	18.7
21	.7	.7	.7	.4	.6	1.2	3.9	7.3	13.8
22	.7	.7	.7	.4	.6	1.4	4.5	7.1	12.4
23	.6	.7	.7	.4	.8	1.8	1.8	8.6	18.7
24	.4	.6	.7	.4	.8	1.7	3.7	9.0	18.4
25	.6	.6	.6	.4	.7	1.4	3.1	8.6	19.7
26	.6	.6	.6	.2	.4	.6	3.4	9.5	20.8
27	.6	.7	.7	.4	.5	.9	5.4	8.8	15.5
28	.7	.7	.7	.4	.8	1.5	4.8	8.1	15.4
29	.7	.7	.7	.4	.9	2.5	3.1	9.3	20.2
30	.7	.7	.7	.4	1.1	2.6	6.4	10.7	20.3
31	--	--	--	.4	1.3	3.2	--	--	--
Min	.4	.5	.6	.1	.2	.4	.4	1.3	3.6
Mean	.6	.7	.7	.3	.5	.9	2.1	5.7	12.6
Max	.7	.7	.7	.7	1.3	3.2	6.4	10.7	20.8

	Water Year 1996								
	July			August			September		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	4.7	10.9	21.8	7.8	--	13.8	3.4	7.6	19.2
2	5.0	10.2	19.7	5.1	8.4	13.5	4.4	7.4	15.2
3	5.0	8.3	14.6	5.1	8.4	13.5	3.2	7.7	18.7
4	4.5	8.9	18.1	4.8	7.5	12.1	3.4	7.5	17.4
5	5.4	10.1	17.9	3.7	7.8	16.3	3.4	7.4	16.6
6	5.6	10.8	23.7	4.4	8.3	16.5	4.5	6.0	7.9
7	--	--	--	4.5	7.0	10.9	2.8	6.6	17.3
8	--	--	--	3.4	5.9	8.8	2.5	6.8	17.6
9	--	--	--	3.9	7.2	12.3	2.8	6.1	12.3
10	--	--	--	3.4	7.0	14.1	2.8	5.4	11.3
11	--	--	--	3.1	7.4	16.3	2.5	5.7	10.2
12	--	--	--	3.6	7.7	15.2	4.0	7.5	16.3
13	--	--	--	4.0	7.3	16.8	4.7	6.8	10.1
14	--	--	--	4.2	6.9	10.9	2.6	5.2	9.9
15	--	--	--	4.0	7.7	14.1	2.9	6.0	14.0
16	--	--	--	4.5	7.8	16.3	1.8	5.9	15.4
17	--	--	--	3.2	7.5	20.0	2.5	3.6	6.1
18	--	--	--	4.8	8.7	20.3	.0	2.4	9.3
19	--	--	--	5.4	7.6	15.4	.0	1.7	8.7
20	--	--	--	4.2	7.5	15.4	.1	3.0	11.5
21	--	--	--	5.3	7.6	15.2	.6	4.2	13.5
22	--	--	--	5.0	7.1	11.0	1.7	4.5	9.0
23	--	--	--	4.5	6.2	8.7	2.6	4.5	9.5
24	--	--	--	4.0	7.2	14.6	1.8	4.4	9.0
25	--	--	--	3.7	8.2	19.9	1.0	3.7	8.5
26	--	--	--	4.7	6.9	12.1	.0	.8	4.7
27	--	--	--	4.7	6.5	10.4	.0	1.1	5.1
28	--	--	--	3.9	6.2	10.2	.0	2.4	10.2
29	--	--	--	3.9	8.0	18.1	.0	3.5	12.1
30	--	--	--	4.7	8.0	17.0	.7	4.2	13.0
31	--	--	--	3.9	7.8	17.9	--	--	--
Min	--	--	--	3.1	5.9	8.7	.0	.8	4.7
Mean	--	--	--	4.4	7.4	14.4	2.1	5.0	12.0
Max	--	--	--	7.8	8.7	20.3	4.7	7.7	19.2

Table 27. Daily water-temperature data for biological sampling site GC2, water years 1996-97--Continued

[--, no data]

	Water Year 1997								
	October			November			December		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	1.2	4.0	10.1	.2	.3	.4	.1	.2	.2
2	1.2	5.0	13.5	.1	.3	.6	.2	.2	.2
3	3.2	4.7	7.5	.1	.3	.7	.2	.2	.2
4	1.2	4.2	9.2	.2	.4	.7	.1	.2	.2
5	.9	4.6	14.1	.1	.3	.7	.1	.2	.2
6	.7	4.2	12.3	.1	.3	.7	.2	.2	.2
7	1.2	4.6	14.4	.1	.1	.2	.2	.3	.4
8	1.4	4.8	14.7	.1	.2	.2	.2	.4	.4
9	1.7	4.9	14.9	.1	.2	.6	.4	.4	.4
10	.9	4.6	14.7	.1	.3	.6	.2	.4	.4
11	1.2	4.8	14.9	.0	.2	.4	.2	.4	.4
12	.9	4.6	14.6	.1	.3	.9	.2	.4	.4
13	.6	4.2	14.3	.1	.3	1.0	.4	.4	.4
14	1.0	3.0	8.1	.0	.2	.9	.2	.4	.4
15	.0	2.6	12.1	.0	.1	.2	.2	.4	.4
16	.0	.4	2.6	.0	.0	.1	.2	.4	.4
17	.0	.0	.4	.1	.2	.2	.4	.4	.4
18	.0	.3	2.9	.0	.1	.2	.2	.4	.4
19	.0	1.0	5.4	.0	.1	.2	.4	.4	.6
20	.0	.8	6.4	.2	.3	.4	.4	.5	.6
21	.0	.4	2.0	.2	.3	.6	.6	.6	.6
22	.0	.3	1.7	.2	.4	.6	.6	.6	.6
23	.0	.4	1.8	.2	.4	.6	.6	.6	.6
24	.0	.3	1.8	.1	.3	.6	.6	.6	.6
25	.0	.0	.2	.2	.3	.6	.6	.6	.6
26	.1	.2	.4	.2	.3	.4	.6	.6	.6
27	.2	.3	.6	.1	.2	.2	.6	.6	.6
28	.0	.2	.6	.1	.1	.4	.6	.6	.6
29	.1	.2	.2	.1	.2	.4	.6	.6	.6
30	.2	.3	.6	.1	.2	.4	.6	.6	.6
31	.1	.2	.4	--	--	--	.6	.6	.6
Min	.0	.0	.2	.0	.0	.1	.1	.2	.2
Mean	.6	2.3	7.0	.1	.2	.5	.4	.4	.4
Max	3.2	5.0	14.9	.2	.4	1.0	.6	.6	.6

	Water Year 1997								
	January			February			March		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.1	.2	.2	--	--	--	--	--	--
2	.2	.2	.2	--	--	--	--	--	--
3	.2	.2	.2	--	--	--	--	--	--
4	.1	.2	.2	--	--	--	--	--	--
5	.1	.2	.2	--	--	--	--	--	--
6	.2	.2	.2	--	--	--	--	--	--
7	.2	.3	.4	--	--	--	--	--	--
8	.2	.4	.4	--	--	--	--	--	--
9	.4	.4	.4	--	--	--	--	--	--
10	.2	.4	.4	--	--	--	--	--	--
11	.2	.4	.4	--	--	--	--	--	--
12	.2	.4	.4	--	--	--	--	--	--
13	.4	.4	.4	--	--	--	--	--	--
14	.2	.4	.4	--	--	--	--	--	--
15	.2	.4	.4	--	--	--	--	--	--
16	.2	.4	.4	--	--	--	--	--	--
17	.4	.4	.4	--	--	--	--	--	--
18	.2	.4	.4	--	--	--	--	--	--
19	.4	.4	.6	--	--	--	--	--	--
20	.4	.5	.6	--	--	--	--	--	--
21	--	--	--	--	--	--	--	--	--
22	--	--	--	--	--	--	--	--	--
23	--	--	--	--	--	--	--	--	--
24	--	--	--	--	--	--	--	--	--
25	--	--	--	--	--	--	--	--	--
26	--	--	--	--	--	--	--	--	--
27	--	--	--	--	--	--	--	--	--
28	--	--	--	--	--	--	--	--	--
29	--	--	--	--	--	--	--	--	--
30	--	--	--	--	--	--	--	--	--
31	--	--	--	--	--	--	--	--	--
Min	.1	.2	.2	--	--	--	--	--	--
Mean	.2	.3	.4	--	--	--	--	--	--
Max	.4	.5	.6	--	--	--	--	--	--

Table 27. Daily water-temperature data for biological sampling site GC2, water years 1996-97--Continued

[--, no data]

	Water Year 1997										Water Year 1997									
	April			May			June				July			August			September			
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	
1	.6	.6	.6	.6	.6	.6	.4	1.3	2.8	1	--	--	--	6.1	8.8	11.8	5.3	7.6	10.9	
2	.6	.6	.6	.6	.6	.6	.6	1.6	3.6	2	--	--	--	6.5	9.0	12.4	6.5	9.0	14.0	
3	.6	.6	.6	.6	.6	.6	.6	2.2	5.0	3	--	--	--	5.1	8.9	14.4	5.3	8.5	13.7	
4	.6	.6	.6	.6	.6	.6	1.2	2.8	5.6	4	--	--	--	6.2	9.1	12.4	5.9	9.0	13.2	
5	.6	.6	.6	.4	.5	.6	1.0	2.6	5.6	5	--	--	--	7.3	8.2	9.2	5.0	8.1	13.4	
6	.6	.6	.6	.0	.3	.4	.6	2.1	4.2	6	--	--	--	5.1	6.5	7.8	4.8	6.8	9.9	
7	.6	.6	.6	.1	.2	.2	.6	2.5	5.8	7	--	--	--	3.9	6.4	9.3	3.6	7.2	12.9	
8	.6	.6	.6	.1	.2	.2	1.0	2.4	4.2	8	--	--	--	4.4	7.7	12.4	3.2	6.8	12.0	
9	.6	.6	.6	.1	.2	.2	.4	2.6	5.0	9	3.4	6.8	12.1	5.1	6.9	8.4	4.0	6.9	11.2	
10	.6	.6	.6	.1	.2	.2	1.5	3.8	9.0	10	3.9	7.1	10.2	6.4	7.6	10.1	3.7	6.4	10.7	
11	.6	.6	.6	.1	.2	.2	.7	5.1	12.0	11	4.7	6.3	8.2	4.0	6.2	9.0	4.5	6.9	10.7	
12	.6	.6	.6	.2	.3	.4	1.2	4.7	10.1	12	3.2	6.8	11.6	2.9	6.2	10.4	4.5	7.4	12.4	
13	.6	.6	.6	.0	.3	.4	.9	4.3	8.5	13	3.7	8.1	13.7	3.9	6.7	10.2	3.1	6.8	12.6	
14	.6	.6	.6	.1	.2	.2	2.8	5.4	9.9	14	3.7	8.5	14.4	4.2	7.1	11.2	3.9	6.4	9.8	
15	.6	.6	.6	.1	.2	.2	1.2	6.4	14.0	15	4.2	8.8	14.6	4.4	7.9	13.5	3.7	6.0	9.0	
16	.6	.6	.6	.1	.1	.2	1.8	5.1	9.3	16	4.4	7.7	11.6	4.4	7.9	12.3	4.4	5.9	9.5	
17	.4	.5	.6	.1	.1	.2	2.1	6.7	12.3	17	4.4	7.0	9.5	4.7	7.7	11.2	3.1	6.0	11.2	
18	.2	.5	.6	.1	.1	.2	2.6	7.7	16.3	18	4.2	6.5	10.2	5.4	7.7	10.7	4.4	5.8	8.1	
19	.1	.4	.6	.1	.2	.4	4.4	8.9	15.8	19	4.7	6.9	9.8	4.5	7.1	11.8	3.7	6.0	9.5	
20	.0	.3	.4	.2	.3	.4	3.4	8.6	16.5	20	4.8	7.3	10.4	3.9	7.8	13.8	4.4	5.3	6.7	
21	.2	.3	.4	.2	.3	.6	3.7	7.9	13.7	21	4.0	7.3	10.9	4.5	6.3	8.8	3.7	5.1	7.3	
22	.4	.5	.6	.2	.3	.4	3.9	9.2	16.3	22	4.4	6.9	9.8	4.4	7.4	12.3	3.4	4.9	8.7	
23	.6	.6	.6	.2	.4	1.2	4.2	7.4	12.0	23	4.8	7.4	10.4	4.0	7.7	12.1	2.6	3.9	6.1	
24	.6	.6	.6	.2	.4	.9	3.4	7.3	12.7	24	5.4	9.5	15.1	4.4	7.4	11.6	1.4	4.7	10.1	
25	.6	.6	.6	.2	.6	1.8	3.6	8.2	16.2	25	5.4	8.3	11.8	5.0	7.0	10.2	.7	4.8	10.2	
26	.6	.6	.6	.2	.6	1.5	4.4	9.0	16.2	26	5.0	7.6	10.1	5.1	7.9	11.5	.9	5.6	8.1	
27	.6	.6	.6	.2	.6	1.5	4.0	7.9	11.8	27	6.4	7.6	9.0	5.3	8.1	12.0	2.8	6.0	11.2	
28	.6	.6	.6	.4	.8	1.8	3.9	7.2	13.8	28	6.1	6.9	8.1	5.3	8.2	12.1	1.7	5.0	10.2	
29	.6	.6	.6	.4	.7	1.7	--	--	--	29	6.5	8.5	11.3	5.3	8.2	13.4	1.5	4.8	10.4	
30	.6	.6	.6	.4	.8	1.8	--	--	--	30	7.0	9.9	14.4	4.4	6.7	10.4	1.5	5.1	10.7	
31	--	--	--	.4	1.0	2.6	--	--	--	31	7.0	8.9	10.7	4.4	6.8	9.6	--	--	--	
Min	.0	.3	.4	.0	.1	.2	.4	1.3	2.8	Min	3.2	6.3	8.1	2.9	6.2	7.8	.7	3.9	6.1	
Mean	.5	.6	.6	.2	.4	.7	2.1	5.4	10.3	Mean	4.8	7.7	11.2	4.9	7.5	11.2	3.6	6.3	10.5	
Max	.6	.6	.6	.6	1.0	2.6	4.4	9.2	16.5	Max	7.0	9.9	15.1	7.3	9.1	14.4	6.5	9.0	14.0	

Table 28. Daily water-temperature data for biological sampling site GC8, water years 1996-97

[--, no data]

	Water Year 1996								
	October			November			December		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	--	--	--	.0	.7	1.1	.3	.4	.4
2	--	--	--	.0	.0	.0	.3	.3	.4
3	--	--	--	.0	.0	.0	.1	.0	.3
4	--	--	--	.0	.0	.0	.1	.2	.4
5	--	--	--	.0	.0	.0	.3	.4	.4
6	--	--	--	.0	.0	.0	.3	.3	.4
7	--	--	--	.0	.0	.1	.1	.3	.4
8	--	--	--	.0	.0	.1	.1	.1	.3
9	--	--	--	.1	.3	.4	.1	.1	.3
10	--	--	--	.0	.1	.3	.1	.3	.4
11	--	--	--	.0	.1	.3	.3	.3	.4
12	--	--	--	.3	.4	.4	.3	.4	.6
13	--	--	--	.3	.4	.6	.4	.5	.6
14	--	--	--	.4	.5	.6	.0	.2	.4
15	--	--	--	.3	.3	.4	.0	.0	.0
16	--	--	--	.1	.4	.6	.0	.0	.1
17	--	--	--	.3	.4	.6	.0	.0	.1
18	--	--	--	.3	.4	.6	.0	.0	.0
19	--	--	--	.3	.4	.4	.0	.0	.0
20	.0	.9	1.7	.1	.3	.4	.0	.0	.0
21	.0	.9	2.3	.1	.3	.4	.0	.0	.0
22	.0	.4	1.5	.3	.4	.4	.0	.0	.0
23	.0	.0	.0	.3	.4	.4	.0	.0	.0
24	.0	.0	.0	.1	.3	.4	.0	.0	.0
25	.0	.0	.0	.3	.4	.6	.0	.0	.0
26	.0	.0	.1	.3	.4	.6	.0	.0	.0
27	.0	.0	.1	.1	.2	.3	.0	.0	.0
28	.1	.4	.8	.0	.0	.1	.0	.0	.0
29	.4	.8	1.2	.1	.2	.3	.0	.0	.0
30	.1	.7	1.2	.3	.4	.4	.0	.0	.0
31	.1	.7	1.4	--	--	--	.0	.1	.1
Min	.0	.0	.0	.0	.0	.0	.0	.0	.0
Mean	.1	.4	.9	.1	.3	.4	.1	.1	.2
Max	.4	.9	2.3	.4	.7	1.1	.4	.5	.6

	Water Year 1996								
	January			February			March		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.1	.1	.1	.0	.0	.1	.0	.1	.1
2	.0	.1	.1	.0	.0	.1	.1	.1	.1
3	.0	.1	.1	.0	.0	.1	.0	.1	.3
4	.1	.2	.3	.0	.0	.1	.1	.2	.4
5	.1	.1	.3	.1	.2	.3	.3	.3	.4
6	.0	.1	.1	.3	.3	.3	.1	.2	.4
7	.1	.2	.3	.3	.3	.4	.0	.2	.3
8	.1	.2	.3	.3	.3	.4	.1	.2	.4
9	.3	.3	.3	.3	.4	.6	.1	.3	.6
10	.3	.3	.3	.1	.3	.4	.3	.4	.6
11	.1	.2	.3	.1	.2	.3	.3	.4	.6
12	.1	.3	.3	.0	.1	.3	.3	.4	.8
13	.1	.2	.3	.1	.2	.4	.3	.4	.8
14	.3	.3	.3	.1	.3	.4	.3	.4	.6
15	.1	.2	.3	.3	.3	.4	.1	.4	.8
16	.3	.3	.3	.3	.3	.4	.3	.4	.8
17	.1	.3	.4	.1	.3	.4	.1	.3	.4
18	.0	.0	.1	.1	.3	.4	.1	.2	.4
19	.0	.0	.1	.1	.3	.4	.1	.2	.4
20	.1	.1	.1	.3	.4	.4	.1	.3	.6
21	.1	.1	.1	.1	.3	.4	.1	.4	.8
22	.1	.2	.3	.3	.4	.6	.1	.4	.8
23	.1	.1	.1	.0	.1	.3	.3	.5	.9
24	.1	.1	.1	.0	.1	.3	.0	.2	.4
25	.1	.1	.1	.0	.2	.3	.0	.2	.4
26	.0	.1	.1	.1	.2	.3	.0	.2	.6
27	.0	.0	.1	.0	.1	.1	.0	.2	.6
28	.1	.1	.1	.0	.0	.1	.1	.4	.9
29	.1	.2	.3	.0	.0	.1	.1	.4	.9
30	.0	.1	.3	--	--	--	.3	.5	1.1
31	.1	.2	.3	--	--	--	.1	.5	1.1
Min	.0	.0	.1	.0	.0	.1	.0	.1	.1
Mean	.1	.2	.2	.1	.2	.3	.1	.3	.6
Max	.3	.3	.4	.3	.4	.6	.3	.5	1.1

Table 28. Daily water-temperature data for biological sampling site GC8, water years 1996-97--Continued

[--, no data]

	Water Year 1996								
	April			May			June		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.1	.4	1.1	.4	1.8	4.1	1.5	3.7	8.0
2	.1	.5	1.1	.8	2.0	3.9	1.1	4.2	8.7
3	.3	.6	1.2	.9	2.2	4.7	1.4	4.6	9.0
4	.3	.4	.9	.3	2.3	5.3	2.0	4.2	6.7
5	0.1	0.5	1.2	0.6	2.6	6.1	2.2	4.6	9.2
6	.1	.5	1.2	.3	2.6	6.0	2.2	4.4	8.1
7	.4	.6	1.1	.3	2.7	6.3	1.4	4.3	8.4
8	.0	.5	1.2	.3	3.0	7.4	1.9	4.6	8.7
9	.0	.4	1.4	.3	3.1	7.2	2.5	4.8	8.4
10	.1	.5	1.4	.9	3.2	6.7	2.3	4.6	8.1
11	.3	.6	1.2	.6	3.6	8.3	2.2	4.6	8.0
12	.1	.8	1.9	1.2	3.7	8.4	2.2	4.0	6.1
13	.0	.3	.8	.6	3.1	6.6	2.3	4.8	8.7
14	.0	.4	1.4	.8	3.1	6.3	2.8	4.2	5.6
15	.0	.7	2.0	.8	3.4	8.1	3.1	3.8	4.2
16	.0	.9	2.3	1.2	3.6	8.3	2.2	4.8	8.9
17	.3	1.0	2.3	1.5	3.5	7.4	2.5	5.1	8.9
18	.0	.5	1.2	1.1	3.6	7.8	2.3	5.3	9.2
19	.0	.2	.8	1.7	3.9	7.8	2.5	5.4	9.0
20	.0	.2	.8	1.4	3.0	5.8	3.1	5.9	9.8
21	.0	.6	1.9	1.2	3.8	8.1	4.1	5.7	7.7
22	.0	.5	1.5	1.4	4.0	7.8	4.1	5.7	8.6
23	.0	.9	2.7	2.2	3.9	7.2	2.5	5.6	9.4
24	.6	1.1	2.8	2.3	3.3	4.9	3.3	6.1	10.0
25	.0	.9	2.5	1.2	2.2	2.8	3.3	5.9	9.8
26	.1	1.4	3.1	.1	1.2	2.8	3.4	6.4	10.1
27	.6	1.3	2.8	.6	1.6	2.8	4.6	6.2	8.6
28	.0	.2	.8	1.1	2.6	5.2	4.4	6.0	8.0
29	.0	.7	2.3	.8	3.4	7.2	3.3	6.3	10.0
30	.1	1.1	2.2	1.2	3.6	6.6	4.7	7.0	10.4
31	--	--	--	.9	3.7	7.4	--	--	--
Min	.0	.2	.8	.1	1.2	2.8	1.1	3.7	4.2
Mean	.1	.6	1.6	.9	3.0	6.3	2.8	5.1	8.5
Max	.6	1.4	3.1	2.3	4.0	8.4	4.7	7.0	10.4

	Water Year 1996								
	July			August			September		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	4.1	7.3	11.4	6.1	9.8	14.5	5.3	8.1	11.1
2	4.2	6.8	9.2	6.6	9.5	12.5	6.3	8.2	10.6
3	4.4	6.9	9.8	6.6	9.0	11.8	5.5	8.2	10.8
4	4.6	7.4	10.9	6.1	8.4	11.1	6.0	8.5	11.4
5	5.2	8.0	11.5	4.9	8.6	13.7	6.0	8.4	10.8
6	5.5	8.3	12.5	5.3	9.1	13.7	6.3	7.6	8.3
7	5.0	8.2	12.3	6.3	8.5	11.5	4.2	6.6	9.8
8	5.0	7.3	9.5	5.3	7.4	8.9	4.1	6.7	9.7
9	5.5	7.1	9.9	5.5	8.4	11.7	4.6	6.8	8.7
10	5.0	8.1	12.3	5.0	8.3	11.5	4.7	7.1	9.4
11	5.0	8.4	12.6	4.9	8.5	12.2	5.0	7.0	8.6
12	5.6	8.5	11.7	5.8	9.5	14.0	5.8	7.5	9.2
13	6.3	8.5	11.5	6.3	8.8	10.9	6.7	7.8	9.7
14	5.5	8.6	12.6	6.3	8.7	11.5	4.4	6.3	8.4
15	5.2	7.9	10.8	6.1	9.1	12.0	5.2	6.9	10.0
16	6.1	8.6	12.2	6.4	8.8	11.7	3.8	6.3	10.0
17	6.7	9.7	13.8	5.8	8.8	11.7	4.4	5.4	6.4
18	7.0	8.6	10.0	6.6	9.5	13.1	2.0	3.6	5.5
19	5.6	8.6	11.7	7.5	8.7	10.0	.3	2.0	4.7
20	6.1	8.8	11.1	6.1	8.4	10.4	1.2	2.8	5.3
21	5.8	9.3	13.2	7.0	8.8	10.9	1.9	3.9	7.0
22	5.2	9.0	13.1	6.9	8.7	10.8	2.5	4.7	7.0
23	6.4	9.5	13.2	6.3	7.9	9.5	3.8	5.0	6.4
24	5.5	9.2	13.1	5.3	8.3	11.5	3.4	5.1	7.7
25	7.5	9.6	12.2	6.0	8.9	12.3	2.7	4.3	6.0
26	5.6	7.6	11.8	6.7	9.3	12.3	.6	1.7	3.1
27	--	--	--	7.7	8.9	10.3	.0	.9	3.0
28	--	--	--	5.8	7.7	9.5	.8	2.7	6.4
29	--	--	--	6.0	8.5	11.8	.9	3.4	7.5
30	--	--	--	6.4	8.7	11.5	1.7	3.9	6.3
31	--	--	--	5.3	8.2	11.4	--	--	--
Min	4.1	6.8	9.2	4.9	7.4	8.9	.0	.9	3.0
Mean	5.5	8.3	11.7	6.1	8.7	11.6	3.7	5.6	8.0
Max	7.5	9.7	13.8	7.7	9.8	14.5	6.7	8.5	11.4

Table 28. Daily water-temperature data for biological sampling site GC8, water years 1996-97--Continued

[--, no data]

	Water Year 1997								
	October			November			December		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	2.2	4.1	7.4	.1	.2	.3	.0	.0	.1
2	2.2	4.5	6.7	.0	.1	.3	.0	.0	.1
3	4.2	5.6	7.2	.0	.2	.4	.0	.0	.0
4	2.8	4.8	6.6	.3	.3	.4	.0	.0	.0
5	2.5	4.4	6.7	.0	.2	.4	.0	.0	.0
6	2.2	4.2	6.7	.0	.1	.3	.0	.0	.0
7	3.0	4.4	6.6	.0	.0	.0	.0	.0	.0
8	3.0	4.5	6.7	.0	.0	.0	.0	.1	.1
9	2.8	4.4	6.1	.0	.0	.1	.0	.1	.3
10	2.2	4.1	6.0	.0	.1	.3	.1	.2	.3
11	2.3	4.2	6.0	.0	.0	.1	.1	.2	.3
12	2.0	4.0	6.1	.0	.1	.3	.1	.2	.3
13	2.0	3.8	5.3	.0	.1	.3	.0	.1	.3
14	2.3	3.4	4.9	.0	.2	.3	.0	.0	.1
15	.6	2.3	4.1	.0	.2	.4	.0	.0	.0
16	.3	1.2	2.2	.0	.0	.0	.0	.0	.0
17	.0	.0	.1	.0	.0	.0	.0	.0	.0
18	.0	.0	.1	.0	.1	.1	.0	.0	.0
19	.1	1.0	2.2	.1	.2	.3	.0	.0	.0
20	.0	.3	1.4	.1	.3	.4	.0	.0	.0
21	.0	.0	.1	.0	.1	.3	.0	.0	.1
22	.0	.0	.0	.1	.3	.4	.0	.1	.1
23	.0	.0	.0	.3	.3	.6	.0	.0	.1
24	.0	.0	.1	.0	.0	.1	.0	.0	.0
25	.0	.1	.4	.0	.0	.1	.0	.0	.0
26	.0	.0	.1	.0	.0	.1	.0	.0	.1
27	.0	.2	.6	.0	.0	.0	.1	.1	.1
28	.0	.3	.6	.0	.0	.0	.0	.0	.1
29	.0	.0	.3	.0	.0	.0	.0	.0	.1
30	.0	.0	.1	.0	.0	.1	.0	.1	.3
31	.0	.0	.1	--	--	--	.0	.1	.3
Min	.0	.0	.0	.0	.0	.0	.0	.0	.0
Mean	1.2	2.1	3.3	.0	.1	.2	.0	.0	.1
Max	4.2	5.6	7.4	.3	.3	.6	.1	.2	.3

	Water Year 1997								
	January			February			March		
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.4	.2	.4	.1	.1	.1	.0	.0	.0
2	.4	.3	.4	.0	.0	.1	.0	.0	.0
3	.4	.3	.4	.0	.0	.1	.0	.0	.0
4	.1	.0	.1	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.1
10	.0	.0	.0	.0	.0	.0	.0	.0	.1
11	.0	.0	.0	.0	.0	.0	.0	.0	.1
12	.0	.0	.0	.0	.0	.0	.0	.1	.3
13	.0	.0	.0	.0	.0	.0	.0	.1	.4
14	.0	.0	.0	.0	.0	.0	.0	.0	.3
15	.0	.0	.0	.0	.0	.0	.0	.2	.4
16	.0	.0	.0	.0	.0	.0	.1	.2	.6
17	.0	.0	.0	.0	.0	.1	.1	.3	.8
18	.1	.0	.1	.0	.0	.1	.0	.2	.6
19	.1	.0	.1	.0	.0	.1	.0	.2	.9
20	.1	.0	.1	.0	.0	.1	.0	.2	.9
21	.1	.1	.1	.0	.0	.0	.0	.3	1.1
22	.0	.0	.0	.0	.0	.0	.0	.4	1.2
23	.0	.0	.0	.0	.0	.0	.0	.5	1.2
24	.0	.0	.0	.0	.0	.0	.0	.3	.9
25	.0	.0	.0	.0	.0	.0	.0	.0	.3
26	.1	.1	.1	.0	.0	.0	.0	.4	1.2
27	.1	.1	.1	.0	.0	.0	.0	.6	1.4
28	.0	.0	.0	.0	.0	.0	.0	.4	1.1
29	.0	.0	.0	--	--	--	.0	.4	1.1
30	.1	.0	.1	--	--	--	.0	.3	.9
31	.3	.1	.3	--	--	--	.0	.5	1.5
Min	.0	.0	.0	.0	.0	.0	.0	.0	.0
Mean	.1	.0	.1	.0	.0	.0	.0	.2	.6
Max	.4	.3	.4	.1	.1	.1	.1	.6	1.5

Table 28. Daily water-temperature data for biological sampling site GC8, water years 1996-97--Continued

[--, no data]

	Water Year 1997										Water Year 1997									
	April			May			June				July			August			September			
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	
1	.0	.3	.6	.1	.9	2.5	--	--	--	1	3.7	5.9	9.3	6.4	8.6	10.6	6.7	8.7	10.9	
2	.0	.0	.3	.0	.9	2.8	--	--	--	2	2.6	5.7	9.6	6.8	8.9	11.0	7.8	10.0	13.0	
3	.0	.5	1.4	.0	1.7	4.2	2.1	4.2	7.5	3	3.2	6.0	9.6	5.9	8.6	11.6	7.1	9.8	12.6	
4	.0	.3	.9	.3	2.4	5.3	2.6	4.7	7.8	4	4.0	6.6	10.2	7.0	9.1	11.5	7.6	9.8	12.1	
5	0	0	0.4	0.6	2.9	6.3	2.4	4	6.1	5	3.5	6.0	9.5	7.9	8.5	9.5	6.2	8.7	11.5	
6	.0	.0	.1	.6	2.7	6.0	2.4	3.2	4.5	6	3.5	6.1	9.8	5.7	6.8	7.8	6.2	8.0	9.8	
7	.0	.1	.3	.9	2.9	6.6	2.3	3.6	5.4	7	3.4	6.7	11.0	4.2	6.6	8.8	4.8	7.6	10.7	
8	.0	.2	.6	.3	3.0	7.4	2.3	3.0	3.5	8	4.2	6.0	8.4	5.0	8.0	11.6	4.8	7.4	9.9	
9	.1	.4	1.1	.9	3.6	7.8	1.8	3.2	4.6	9	3.7	6.2	8.5	6.2	7.5	8.7	5.4	7.6	9.6	
10	.0	.0	.3	.3	3.4	8.4	2.6	3.8	5.7	10	4.0	6.6	9.2	6.8	7.9	9.8	5.3	7.5	9.6	
11	.0	.0	.0	.4	2.5	5.8	2.4	4.3	7.0	11	4.8	6.1	7.6	4.6	6.7	8.7	6.4	8.3	10.4	
12	.0	.0	.0	.3	3.2	7.5	2.4	4.0	5.9	12	3.7	6.1	8.5	3.9	6.7	9.2	6.5	8.2	10.2	
13	.0	.0	.1	.9	3.6	8.1	1.6	3.9	5.6	13	4.2	7.1	11.0	4.3	6.8	9.0	4.8	7.4	10.1	
14	.0	.0	.1	.4	3.0	7.2	3.1	4.5	6.5	14	4.0	7.4	11.6	5.1	7.3	10.1	5.3	7.5	9.6	
15	.0	.2	.8	.6	3.3	8.7	2.3	4.4	7.1	15	4.5	7.8	12.1	5.1	7.9	11.5	5.0	7.1	9.2	
16	.0	.5	1.7	.8	3.2	8.4	2.6	4.3	7.0	16	4.6	7.3	9.6	5.3	7.9	10.4	5.9	7.3	9.5	
17	.0	.7	2.2	.6	3.3	8.4	3.2	4.8	7.1	17	4.8	6.9	8.7	5.3	7.7	10.6	4.3	6.6	9.0	
18	.0	.7	2.0	.9	2.8	5.8	2.9	5.1	8.1	18	4.6	6.3	7.8	6.2	8.1	10.7	5.7	7.1	8.8	
19	.0	.8	2.5	1.4	3.6	8.4	3.7	5.5	8.5	19	4.8	6.6	8.5	5.3	7.8	10.7	5.6	7.1	8.5	
20	.0	.8	2.5	.9	2.7	5.0	3.1	5.3	8.4	20	5.1	7.3	9.6	5.3	8.1	11.5	5.6	6.8	8.2	
21	.0	.5	1.9	1.2	3.0	5.3	3.1	5.1	7.1	21	4.6	7.2	9.3	5.6	7.2	8.7	5.9	6.8	8.1	
22	.0	1.0	3.0	1.9	2.8	4.2	3.4	5.7	8.4	22	5.1	7.1	8.5	5.6	8.2	10.9	5.1	6.1	7.1	
23	.0	1.0	3.0	1.4	4.0	8.7	3.4	5.0	7.1	23	5.6	7.6	9.3	5.6	8.6	11.6	3.7	4.8	5.6	
24	.0	.0	.4	1.7	2.9	4.6	3.2	4.8	6.4	24	6.1	9.1	13.0	6.2	8.5	10.6	3.1	5.2	7.5	
25	.0	.2	.6	1.1	3.1	7.5	3.4	5.3	8.1	25	6.1	8.4	10.6	6.4	8.4	10.1	2.9	5.3	7.6	
26	.0	.5	1.4	.8	2.7	6.6	3.4	5.8	9.0	26	5.7	8.0	9.6	6.7	9.0	11.5	4.8	6.4	7.8	
27	.0	1.1	3.3	.9	2.1	4.6	3.5	5.7	8.2	27	6.8	7.8	8.7	6.4	9.0	11.3	5.3	6.8	8.2	
28	.6	1.6	3.0	1.2	3.1	6.4	3.5	5.5	7.6	28	6.4	7.1	7.9	7.0	9.4	11.8	3.5	5.5	7.1	
29	.6	1.8	3.6	2.2	3.5	6.1	3.5	5.8	9.0	29	6.7	8.2	10.1	6.5	9.0	12.0	2.4	4.7	7.0	
30	.0	1.4	3.6	1.9	3.7	7.7	3.2	6.2	9.9	30	7.0	9.2	12.0	6.1	7.8	9.3	2.9	5.1	7.3	
31	--	--	--	--	--	--	--	--	--	31	7.0	8.5	9.8	5.7	8.2	10.9	--	--	--	
Min	.0	.0	.0	.0	.9	2.5	1.6	3.0	3.5	Min	2.6	5.7	7.6	3.9	6.6	7.8	2.4	4.7	5.6	
Mean	.0	.5	1.4	.9	2.9	6.4	2.8	4.7	7.0	Mean	4.8	7.1	9.6	5.8	8.0	10.4	5.2	7.2	9.2	
Max	.6	1.8	3.6	2.2	4.0	8.7	3.7	6.2	9.9	Max	7.0	9.2	13.0	7.9	9.4	12.0	7.8	10.0	13.0	

Table 29. Daily water-temperature data for biological sampling site GC10, water years 1996-97

[--, no data]

	Water Year 1996										Water Year 1996									
	October			November			December				January			February			March			
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	
1	--	--	--	.1	1.6	3.1	.1	.3	.6	1	.0	.0	.0	.0	.0	.0	.0	.0	.0	
2	--	--	--	.0	.0	.3	.0	.2	.4	2	.0	.0	.0	.0	.0	.0	.0	.0	.0	
3	--	--	--	.0	.0	.3	.0	.0	.3	3	.0	.0	.0	.0	.0	.0	.0	.0	.0	
4	--	--	--	.0	.0	.1	.0	.1	.3	4	.0	.0	.0	.0	.0	.0	.0	.0	.0	
5	--	--	--	.0	.0	.3	.3	.4	.4	5	.0	.0	.0	.0	.0	.0	.0	.0	.1	
6	.9	2.0	2.8	.0	.0	.1	.1	.3	.4	6	.0	.0	.0	.0	.0	.0	.0	.0	.1	
7	.0	1.7	4.4	.0	.0	.1	.0	.1	.3	7	.0	.0	.0	.0	.0	.1	.0	.0	.0	
8	.8	2.5	4.7	.0	.0	.4	.0	.1	.3	8	.0	.0	.0	.1	.1	.1	.0	.0	.1	
9	.3	2.2	4.4	.0	.1	.9	.0	.0	.1	9	.0	.0	.0	.0	.1	.1	.0	.1	.1	
10	.4	2.8	5.5	.0	.0	.0	.0	.2	.3	10	.0	.0	.0	.1	.1	.1	.1	.1	.3	
11	1.2	3.6	6.3	.0	.0	.1	.3	.3	.4	11	.0	.0	.0	.0	.0	.1	.1	.1	.3	
12	1.7	3.7	5.5	.0	.1	.1	.3	.4	.6	12	.0	.0	.0	.0	.0	.0	.1	.2	.3	
13	.8	2.4	3.9	.1	.3	.6	.4	.6	.8	13	.0	.0	.0	.0	.0	.0	.1	.2	.3	
14	.0	1.9	4.4	.3	.5	.8	.0	.1	.4	14	.0	.0	.1	.0	.1	.1	.1	.1	.3	
15	.3	2.8	5.6	.0	.3	.6	.0	.0	.0	15	.0	.0	.1	.1	.1	.1	.0	.1	.3	
16	1.1	3.3	5.6	.0	.4	.9	.0	.0	.0	16	.0	.1	.1	.0	.1	.1	.1	.2	.4	
17	1.2	3.2	5.3	.0	.4	.6	.0	.0	.0	17	.1	.1	.1	.0	.1	.1	.1	.2	.3	
18	.9	3.0	5.2	.0	.5	.9	.0	.0	.0	18	.0	.0	.1	.1	.1	.1	.0	.0	.1	
19	.9	2.3	3.5	.0	.4	.8	.0	.0	.0	19	.0	.0	.0	.1	.1	.1	.0	.0	.1	
20	.0	.6	2.7	.0	.3	.8	.0	.0	.0	20	.0	.0	.0	.1	.1	.1	.0	.1	.3	
21	.0	1.5	3.8	.0	.1	.4	.0	.0	.0	21	.0	.0	.0	.1	.1	.1	.1	.2	.4	
22	.0	.7	2.4	.1	.3	.6	.0	.0	.0	22	.0	.0	.0	.1	.1	.1	.1	.2	.4	
23	.0	.0	.8	.0	.2	.6	.0	.0	.0	23	.0	.0	.0	.0	.0	.1	.1	.3	.4	
24	.0	.0	.3	.0	.1	.4	.0	.0	.0	24	.0	.0	.0	.0	.0	.1	.0	.2	.3	
25	.0	.0	.4	.0	.3	.6	.0	.0	.0	25	.0	.0	.0	.0	.1	.1	.0	.0	.1	
26	.0	.2	.8	.0	.2	.8	.0	.0	.0	26	.0	.0	.0	.0	.1	.1	.0	.0	.0	
27	.0	.2	.9	.0	.0	.0	.0	.0	.0	27	.0	.0	.0	.0	.0	.0	.0	.0	.1	
28	.0	.9	2.2	.0	.0	.1	.0	.0	.0	28	.0	.0	.0	.0	.0	.0	.0	.1	.4	
29	.0	1.5	3.1	.0	.0	.0	.0	.0	.0	29	.0	.0	.0	.0	.0	.0	.0	.2	.4	
30	.1	1.7	3.8	.0	.1	.3	.0	.0	.0	30	.0	.0	.0	--	--	--	.1	.3	.6	
31	.1	1.7	3.5	--	--	--	.0	.0	.0	31	.0	.0	.0	--	--	--	.1	.3	.6	
Min	.0	.0	.3	.0	.0	.0	.0	.0	.0	Min	.0	.0	.0	.0	.0	.0	.0	.0	.0	
Mean	.4	1.8	3.5	.0	.2	.5	.0	.1	.2	Mean	.0	.0	.0	.0	.0	.1	.0	.1	.2	
Max	1.7	3.7	6.3	.3	1.6	3.1	.4	.6	.8	Max	.1	.1	.1	.1	.1	.1	.1	.3	.6	

Table 29. Daily water-temperature data for biological sampling site GC10, water years 1996-97--Continued

[--, no data]

	Water Year 1996								
	April			May			June		
	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.0	.2	.6	.6	2.8	11.4	2.5	5.6	9.7
2	.0	.2	.8	1.2	3.0	9.4	1.7	6.1	11.7
3	.1	.7	1.2	9	2.9	10.0	2.2	6.6	12.6
4	.0	.3	.8	.1	2.5	8.9	2.8	6.5	11.2
5	0	0.1	0.6	0.3	2.6	9.4	3.1	7.1	12.5
6	.0	.4	1.1	.1	2.4	7.5	3.3	7.2	12.5
7	.1	.8	1.1	.3	2.6	9.5	2.8	7.5	13.4
8	.3	.9	2.2	.3	2.6	9.8	3.3	8.0	13.9
9	.0	.8	2.5	.4	2.5	8.0	4.6	8.3	12.6
10	.0	1.1	2.7	1.1	2.7	8.8	4.6	7.3	9.5
11	.3	1.3	2.4	.8	2.7	10.6	4.1	8.0	12.9
12	.0	1.3	4.2	.8	2.4	8.4	4.4	7.1	9.7
13	.0	.3	1.2	.8	2.1	6.6	4.6	7.8	13.2
14	.0	.2	1.6	.8	2.2	7.2	5.3	6.8	8.1
15	.0	1.0	5.3	.8	2.5	8.8	4.9	6.2	6.7
16	.0	2.0	7.0	1.2	2.8	9.1	3.5	7.6	13.4
17	.0	2.5	9.5	1.7	2.7	8.0	4.7	8.3	12.5
18	.0	.5	1.4	1.1	2.7	9.1	4.6	9.0	14.3
19	.0	.4	3.8	1.6	3.0	8.9	4.6	9.0	13.7
20	.0	.2	1.6	1.4	2.5	5.6	5.8	9.6	13.7
21	.0	.6	5.2	1.7	3.3	8.3	6.6	8.9	11.7
22	.0	.5	2.8	1.6	3.8	10.9	7.0	8.9	12.2
23	.0	2.0	9.4	2.2	3.9	9.4	4.1	8.2	12.3
24	1.2	3.2	9.1	2.8	3.4	6.9	6.1	9.9	13.9
25	.3	2.8	10.0	2.2	2.5	3.8	5.6	9.3	14.3
26	.0	3.1	10.9	.8	1.3	3.0	5.8	9.9	15.1
27	.8	2.4	6.1	1.2	2.6	5.6	7.8	9.7	12.2
28	.0	.1	1.2	1.7	2.9	6.6	7.2	9.3	11.8
29	.0	.7	3.3	1.2	3.6	9.4	5.5	9.3	14.2
30	.0	2.0	5.3	1.7	3.5	7.2	8.0	10.4	13.4
31	--	--	--	1.2	3.8	9.7	--	--	--
Min	.0	.1	.6	.1	1.3	3.0	1.7	5.6	6.7
Mean	.1	1.1	3.8	1.1	2.8	8.3	4.7	8.1	12.3
Max	1.2	3.2	10.9	2.8	3.9	11.4	8.0	10.4	15.1

	Water Year 1996								
	July			August			September		
	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	6.6	10.6	14.2	7.5	10.9	14.2	5.8	8.5	10.9
2	7.0	10.0	12.2	8.3	10.9	13.1	6.9	8.7	10.9
3	7.0	9.8	12.3	8.3	10.6	13.1	6.1	8.8	11.5
4	6.9	10.1	14.2	7.7	10.2	12.9	6.4	9.1	11.5
5	7.8	11.6	15.6	6.1	9.7	13.2	6.7	9.2	11.5
6	8.1	11.7	15.6	6.7	9.9	12.6	7.2	8.6	9.7
7	7.5	11.5	16.1	7.5	9.5	11.2	4.7	7.3	10.3
8	7.7	10.4	12.9	6.3	8.4	10.1	4.6	7.4	10.3
9	8.4	10.3	11.8	6.4	8.9	11.4	5.2	7.4	9.4
10	7.7	11.0	15.0	5.8	8.8	11.7	5.3	7.8	10.1
11	7.2	11.3	16.2	5.6	9.0	11.8	5.3	7.3	8.8
12	8.4	11.5	14.6	6.7	9.9	13.2	6.4	8.2	10.0
13	9.7	12.4	16.3	7.2	9.4	11.2	7.4	8.2	9.5
14	8.6	12.0	16.2	7.7	9.7	11.4	4.7	6.6	8.3
15	8.4	11.1	13.1	7.2	9.8	12.5	5.5	7.4	9.4
16	8.8	11.3	13.7	7.4	9.5	11.8	4.1	6.8	9.7
17	9.2	11.8	14.0	6.6	9.4	12.0	4.9	6.1	7.2
18	10.0	11.1	12.3	7.4	9.6	11.7	1.9	3.9	5.8
19	7.7	10.7	14.0	8.3	9.3	10.6	.4	1.9	3.1
20	8.3	11.1	13.9	7.0	9.4	11.7	1.9	3.3	5.0
21	8.3	11.9	16.9	8.8	10.0	11.4	2.5	4.9	8.1
22	7.5	11.6	15.9	8.0	9.3	10.9	3.1	5.5	7.8
23	9.2	12.5	17.0	6.7	8.6	9.8	4.7	5.9	7.4
24	8.1	11.4	14.6	5.8	8.6	11.4	4.6	6.3	9.1
25	9.8	11.6	14.3	6.4	9.2	11.8	3.3	4.4	5.5
26	7.4	9.7	14.6	6.4	9.2	11.8	.6	1.8	3.1
27	--	--	--	8.4	9.6	10.9	.0	.9	2.5
28	--	--	--	6.3	8.3	10.1	.8	3.2	6.6
29	--	--	--	6.4	8.7	11.2	1.4	4.3	7.7
30	--	--	--	7.2	9.1	11.1	2.5	4.6	7.0
31	--	--	--	5.6	8.6	11.5	--	--	--
Min	6.6	9.7	11.8	5.6	8.3	9.8	.0	.9	2.5
Mean	8.1	11.2	14.5	7.0	9.4	11.7	4.2	6.1	8.3
Max	10.0	12.5	17.0	8.8	10.9	14.2	7.4	9.2	11.5

Table 29. Daily water-temperature data for biological sampling site GC10, water years 1996-97--Continued

[--, no data]

	Water Year 1997										Water Year 1997									
	October			November			December				January			February			March			
Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Day	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	
1	2.2	4.9	7.7	.0	.0	.0	.0	.0	.0	1	.3	.4	.6	.3	.4	.4	.0	.0	.0	
2	2.7	5.5	8.3	.0	.0	.0	.0	.0	.0	2	.4	.5	.6	.0	.2	.3	.0	.0	.1	
3	5.2	6.6	8.1	.0	.0	.1	.0	.0	.0	3	.3	.4	.4	.0	.1	.3	.0	.0	.1	
4	3.5	5.2	6.6	.0	.3	.9	.0	.0	.0	4	.0	.0	.3	.0	.0	.1	.0	.0	.1	
5	3.0	5.3	7.8	.0	.0	.1	.0	.0	.0	5	.0	.0	.0	.0	.0	.1	.0	.0	.0	
6	2.7	5.0	7.5	.0	.0	.0	.0	.0	.0	6	.0	.0	.0	.0	.1	.1	.0	.0	.1	
7	3.0	5.2	7.5	.0	.0	.0	.0	.0	.0	7	.0	.0	.0	.0	.0	.1	.0	.0	.1	
8	3.0	5.2	7.7	.0	.0	.0	.0	.1	.1	8	.0	.0	.0	.0	.0	.0	.0	.0	.1	
9	2.8	5.1	7.7	.0	.0	.0	.1	.2	.3	9	.0	.0	.0	.0	.0	.0	.0	.1	.3	
10	2.5	5.0	7.7	.0	.0	.0	.1	.3	.3	10	.0	.0	.0	.0	.0	.0	.1	.2	.3	
11	2.7	5.1	7.7	.0	.0	.0	.3	.3	.4	11	.0	.0	.1	.0	.0	.0	.0	.1	.3	
12	2.5	4.8	7.2	.0	.0	.3	.3	.3	.3	12	.0	.0	.0	.0	.0	.1	.0	.1	.3	
13	2.5	4.6	6.9	.0	.0	.3	.1	.2	.3	13	.0	.0	.1	.0	.0	.1	.1	.2	.4	
14	2.8	4.2	5.6	.0	.0	.3	.0	.1	.3	14	.0	.1	.1	.0	.0	.0	.0	.1	.1	
15	1.1	3.1	5.3	.0	.0	.3	.0	.0	.0	15	.1	.1	.1	.0	.0	.1	.0	.3	.6	
16	.3	1.5	2.8	.0	.0	.0	.0	.0	.1	16	.0	.0	.1	.0	.1	.1	.3	.4	.8	
17	.0	.0	.1	.0	.0	.0	.0	.0	.0	17	.0	.1	.1	.1	.1	.3	.1	.4	.8	
18	.0	.1	.6	.0	.0	.0	.0	.0	.0	18	.1	.2	.3	.0	.1	.3	.0	.2	.4	
19	.0	1.2	3.1	.0	.0	.1	.0	.1	.1	19	.1	.2	.3	.0	.0	.1	.0	.2	.6	
20	.0	.6	1.9	.1	.3	.6	.0	.1	.1	20	.1	.2	.3	.0	.1	.1	.0	.2	.6	
21	.0	.0	.0	.0	.0	.1	.1	.1	.1	21	.1	.2	.3	.0	.0	.1	.0	.3	.8	
22	.0	.0	.0	.0	.3	.8	.1	.2	.3	22	.1	.1	.1	.0	.0	.0	.0	.6	1.1	
23	.0	.0	.0	.1	.3	.6	.1	.2	.3	23	.0	.1	.3	.0	.0	.0	.0	.5	1.2	
24	.0	.0	.0	.0	.0	.1	.1	.1	.1	24	.0	.1	.1	.0	.0	.0	.0	.2	.8	
25	.0	.0	.0	.0	.0	.1	.1	.2	.3	25	.0	.0	.1	.0	.0	.0	.0	.0	.0	
26	.0	.0	.0	.0	.0	.0	.1	.2	.3	26	.1	.2	.3	.0	.0	.0	.0	.3	1.1	
27	.0	.0	.0	.0	.0	.0	.3	.3	.4	27	.1	.3	.3	.0	.0	.0	.0	.7	1.6	
28	.0	.3	.8	.0	.0	.0	.3	.3	.3	28	.0	.1	.1	.0	.0	.0	.0	.3	.9	
29	.0	.0	.4	.0	.0	.0	.3	.3	.4	29	.1	.2	.3	--	--	--	.0	.6	1.4	
30	.0	.0	.0	.0	.0	.0	.3	.3	.4	30	.1	.2	.3	--	--	--	.0	.0	.3	
31	.0	.0	.0	--	--	--	.1	.3	.4	31	.3	.4	.4	--	--	--	.0	.2	.8	
Min	.0	.0	.0	.0	.0	.0	.0	.0	.0	Min	.0	.0	.0	.0	.0	.0	.0	.0	.0	
Mean	1.4	2.5	3.8	.0	.0	.2	.1	.1	.2	Mean	.1	.1	.2	.0	.0	.1	.0	.2	.5	
Max	5.2	6.6	8.3	.1	.3	.9	.3	.3	.4	Max	.4	.5	.6	.3	.4	.4	.3	.7	1.6	

Table 29. Daily water-temperature data for biological sampling site GC10, water years 1996-97--Continued

[--, no data]

	Water Year 1997								
	April			May			June		
	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	.0	.1	.6	.1	1.1	2.4	--	--	--
2	.0	.0	.0	.0	1.3	3.5	5.2	7.9	10.1
3	.0	.1	1.2	.0	2.3	5.3	2.5	6.3	10.3
4	.0	.4	1.2	.1	3.2	6.9	4.6	7.8	11.8
5	0	0	0	0.6	3.8	8.1	3.9	6.3	8.4
6	.0	.0	.0	.6	3.2	6.7	4.4	5.5	6.6
7	.0	.0	.0	.9	3.4	7.7	3.5	5.5	8.1
8	.0	.0	.0	.1	3.0	7.7	3.9	5.0	6.0
9	.0	.0	.3	.8	3.6	8.4	2.3	4.5	6.7
10	.0	.0	.1	.1	3.1	8.1	4.1	5.9	8.3
11	.0	.0	.0	.3	2.1	5.0	3.6	5.8	8.1
12	.0	.0	.0	.1	2.8	7.2	3.7	6.1	8.4
13	.0	.0	.0	.8	3.1	7.5	3.9	6.2	8.0
14	.0	.0	.0	.4	2.6	5.2	4.7	6.8	8.9
15	.0	.0	.1	.6	3.2	7.8	3.3	6.2	9.1
16	.0	.3	.9	.9	3.1	7.5	3.9	5.9	7.7
17	.0	.9	2.8	.9	3.3	7.7	4.4	6.8	9.5
18	.0	1.0	3.5	1.4	2.6	4.4	4.6	7.8	11.1
19	.0	1.5	4.2	1.9	3.3	6.1	5.6	8.6	11.8
20	.4	1.8	3.6	1.2	2.6	4.2	4.2	7.9	12.0
21	.0	1.6	3.6	1.9	3.2	4.9	4.9	8.2	11.1
22	.0	1.3	3.6	2.5	3.0	3.5	5.8	9.0	12.2
23	.0	1.4	3.1	1.7	3.7	7.2	5.5	7.8	10.1
24	.0	.1	1.1	2.2	3.3	4.6	4.7	7.0	8.9
25	.0	.0	.0	1.4	3.6	6.4	5.3	7.9	11.1
26	.0	.1	.6	1.6	3.2	4.7	5.6	8.7	11.8
27	.0	1.3	3.8	1.6	2.8	4.1	5.8	8.2	10.3
28	.6	2.1	3.9	2.2	3.5	5.2	5.3	7.8	10.1
29	.9	2.3	4.2	3.3	4.0	5.0	4.9	8.0	11.4
30	.0	1.9	4.7	3.3	4.0	5.5	4.7	8.7	13.2
31	--	--	--	--	--	--	--	--	--
Min	.0	.0	.0	.0	1.1	2.4	2.3	4.5	6.0
Mean	.1	.6	1.6	1.1	3.0	6.0	4.4	7.0	9.7
Max	.9	2.3	4.7	3.3	4.0	8.4	5.8	9.0	13.2

	Water Year 1997								
	July			August			September		
	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max
1	5.3	8.5	12.5	8.6	10.9	13.2	7.7	9.6	11.5
2	3.9	8.0	12.5	9.1	11.1	13.4	8.8	11.2	14.2
3	4.6	8.4	12.5	7.7	10.7	14.0	8.1	11.2	14.2
4	6.3	9.4	13.1	8.9	10.6	12.5	8.6	10.5	12.2
5	5.5	8.0	10.5	9.5	10.2	11.2	7.0	9.7	12.5
6	5.5	8.2	11.4	7.0	8.3	9.7	7.4	9.0	10.5
7	4.9	8.6	12.9	5.0	7.7	10.1	5.2	8.3	11.7
8	6.3	8.2	9.8	5.6	9.1	12.8	5.3	8.3	11.2
9	5.0	7.9	10.9	7.0	8.6	9.5	6.3	8.5	10.6
10	5.6	8.5	11.1	7.8	8.7	10.1	5.6	8.2	10.6
11	6.6	8.0	9.2	5.3	7.4	9.1	7.0	8.7	10.0
12	5.0	7.8	10.5	4.6	7.1	9.5	6.6	8.8	11.5
13	5.3	9.0	13.1	5.3	7.3	9.1	5.3	8.3	11.2
14	6.0	9.9	13.9	6.0	7.5	9.2	6.3	8.6	11.1
15	6.6	40.5	14.3	5.8	8.5	11.7	6.0	8.1	10.5
16	6.9	9.7	12.3	6.3	8.8	11.2	6.4	7.5	8.8
17	6.7	8.9	10.6	6.6	9.0	11.4	4.6	7.0	9.8
18	6.4	8.1	9.2	7.7	9.4	11.4	6.3	8.1	10.5
19	6.7	8.6	10.6	6.0	8.4	10.8	6.3	7.9	9.7
20	7.2	9.3	11.4	5.8	8.6	11.7	6.0	6.9	7.5
21	6.3	9.1	11.4	6.4	8.0	9.1	6.3	7.1	8.3
22	7.2	9.1	10.8	5.8	8.3	11.1	6.0	6.7	7.7
23	7.4	9.8	12.0	6.1	9.0	11.8	4.2	5.4	7.0
24	7.8	11.2	14.8	6.6	9.1	11.4	3.1	5.9	9.5
25	8.6	11.4	13.9	6.9	9.0	10.9	3.1	6.1	9.1
26	8.1	10.3	11.8	7.5	9.4	11.2	5.8	7.4	9.1
27	9.2	10.1	10.9	6.7	9.3	11.5	5.6	7.6	9.8
28	8.4	9.3	10.3	7.4	9.9	12.3	3.8	6.1	8.6
29	8.8	10.5	12.6	7.2	9.9	12.8	3.0	5.6	8.6
30	9.2	11.6	14.3	6.7	8.9	10.5	3.6	6.3	9.2
31	9.4	11.4	13.2	6.6	9.1	11.7	--	--	--
Min	3.9	7.8	9.2	4.6	7.1	9.1	3.0	5.4	7.0
Mean	6.7	10.2	11.9	6.8	9.0	11.2	5.8	8.0	10.2
Max	9.4	40.5	14.8	9.5	11.1	14.0	8.8	11.2	14.2

Table 30. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC2

[---, not computed; e, estimated]

Day	Water Year 1997 — October: Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	November: Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	December: Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	0.93	---	e.00	e.54	---	e.00	e.45	---	e.00
2	0.85	---	e.00	e.54	---	e.00	e.45	---	e.00
3	0.82	2.	e.00	e.54	---	e.00	e.45	---	e.00
4	0.78	---	e.00	e.54	---	e.00	e.45	---	e.00
5	0.75	---	e.00	e.54	---	e.00	e.45	---	e.00
6	0.72	---	e.00	e.54	1.	e.00	e.45	---	e.00
7	0.70	---	e.00	e.54	---	e.00	e.45	---	e.00
8	0.66	---	e.00	e.54	---	e.00	e.45	---	e.00
9	0.65	---	e.00	e.54	---	e.00	e.45	---	e.00
10	0.63	---	e.00	e.54	---	e.00	e.45	0.	e.00
11	0.62	---	e.00	e.54	---	e.00	e.45	---	e.00
12	0.61	---	e.00	e.54	---	e.00	e.45	---	e.00
13	0.61	---	e.00	e.54	---	e.00	e.45	---	e.00
14	0.61	---	e.00	e.54	---	e.00	e.45	---	e.00
15	0.60	---	e.00	e.54	---	e.00	e.45	---	e.00
16	e.62	---	e.00	e.54	---	e.00	e.43	---	e.00
17	e.61	---	e.00	e.54	---	e.00	e.42	---	e.00
18	e.60	---	e.00	e.54	---	e.00	e.41	---	e.00
19	e.60	---	e.00	e.52	---	e.00	e.40	---	e.00
20	e.60	---	e.00	e.51	---	e.00	e.40	---	e.00
21	e.60	---	e.00	e.50	---	e.00	e.40	---	e.00
22	e.58	---	e.00	e.49	---	e.00	e.40	---	e.00
23	e.57	---	e.00	e.48	---	e.00	e.40	---	e.00
24	e.56	---	e.00	e.47	---	e.00	e.40	---	e.00
25	e.56	---	e.00	e.46	---	e.00	e.40	---	e.00
26	e.55	---	e.00	e.45	---	e.00	e.40	---	e.00
27	e.54	---	e.00	e.45	---	e.00	e.40	---	e.00
28	e.54	---	e.00	e.45	---	e.00	e.40	---	e.00
29	e.54	---	e.00	e.45	---	e.00	e.40	---	e.00
30	e.54	---	e.00	e.45	---	e.00	e.40	---	e.00
31	e.54	---	e.00	---	---	---	e.40	---	e.00

Day	Water Year 1997 — January: Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	February: Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	March: Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e.40	---	e.00	e.35	---	e.00	e.32	---	e.00
2	e.40	---	e.00	e.34	---	e.00	e.32	---	e.00
3	e.40	---	e.00	e.34	---	e.00	e.31	---	e.00
4	e.40	---	e.00	e.33	---	e.00	e.32	---	e.00
5	e.40	---	e.00	e.32	---	e.00	e.32	---	e.00
6	e.40	---	e.00	e.32	---	e.00	e.32	---	e.00
7	e.40	---	e.00	e.32	---	e.00	e.32	---	e.00
8	e.40	---	e.00	e.32	---	e.00	e.32	---	e.00
9	e.40	---	e.00	e.32	---	e.00	e.32	---	e.00
10	e.40	---	e.00	e.32	---	e.00	e.32	---	e.00
11	e.40	---	e.00	e.32	---	e.00	e.32	---	e.00
12	e.40	---	e.00	e.32	---	e.00	e.32	---	e.00
13	e.39	---	e.00	e.32	---	e.00	e.32	---	e.00
14	e.38	---	e.00	e.32	---	e.00	e.32	---	e.00
15	e.37	---	e.00	e.32	---	e.00	e.32	---	e.00
16	e.37	---	e.00	e.32	---	e.00	e.32	---	e.00
17	e.37	---	e.00	e.32	---	e.00	e.33	---	e.00
18	e.38	---	e.00	e.32	---	e.00	e.34	---	e.00
19	e.39	---	e.00	e.32	---	e.00	e.35	---	e.00
20	e.40	---	e.00	e.32	1.	e.00	e.37	---	e.00
21	e.40	---	e.00	e.32	---	e.00	e.38	---	e.00
22	e.40	---	e.00	e.32	---	e.00	e.39	---	e.00
23	e.40	---	e.00	e.32	---	e.00	e.40	---	e.00
24	e.40	---	e.00	e.32	---	e.00	e.40	---	e.00
25	e.40	---	e.00	e.32	---	e.00	e.40	---	e.00
26	e.40	---	e.00	e.32	---	e.00	e.40	---	e.00
27	e.40	---	e.00	e.32	---	e.00	e.40	---	e.00
28	e.40	---	e.00	e.32	---	e.00	e.40	---	e.00
29	e.40	---	e.00	---	---	---	e.40	---	e.00
30	e.40	---	e.00	---	---	---	e.40	---	e.00
31	e.41	---	e.00	---	---	---	e.41	---	e.00

Table 30. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC2--Continued

[---, not computed; e, estimated]

Day	Water Year 1997									Day	Water Year 1997								
	April			May			June				July			August			September		
	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)		Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e.42	---	e.00	e1.0	---	e.00	17.	147.	6.5	1	3.0	1.	0.01	2.1	54.	0.33	1.3	1.	0.00
2	e.45	---	e.00	e1.0	---	e.00	15.	18.	0.75	2	2.9	1.	0.01	2.0	13.	0.08	1.3	1.	0.00
3	e.48	---	e.00	e1.0	---	e.00	13.	229.	9.0	3	2.8	1.	0.01	1.7	58.	0.39	1.5	93.	0.67
4	e.51	---	e.00	e1.0	---	e.00	13.	178.	6.2	4	2.8	3.	0.02	2.0	17.	0.10	1.6	22.	0.09
5	e.54	---	e.00	e1.4	---	e.00	11.	---	e1.2	5	2.7	2.	0.01	2.0	46.	0.28	1.1	7.	0.02
6	e.54	---	e.00	e2.0	---	e.00	12.	57.	2.3	6	2.6	1.	0.01	2.6	62.	0.50	1.1	2.	0.01
7	e.54	---	e.00	e2.7	6.	e.00	18.	---	e7.4	7	2.6	1.	0.01	2.8	40.	0.32	1.0	---	e.01
8	e.54	---	e.00	4.1	---	e.10	13.	---	e3.8	8	2.6	1.	0.01	2.3	7.	0.05	0.97	---	e.00
9	e.54	0.	e.00	5.0	---	e.17	11.	27.	0.86	9	2.5	1.	0.01	2.0	92.	0.59	0.95	---	e.00
10	e.54	---	e.00	e5.7	---	e.23	10.	6.	0.16	10	2.4	1.	0.01	4.0	235.	2.7	0.94	---	e.00
11	e.54	---	e.00	e6.6	---	e.34	9.6	---	e.22	11	2.4	1.	0.01	2.7	45.	0.34	0.96	---	e.00
12	e.54	---	e.00	e7.8	---	e.52	8.3	---	e.12	12	2.3	2.	0.01	2.4	3.	0.02	0.88	---	e.00
13	e.54	---	e.00	8.9	51.	1.4	9.9	---	e.56	13	2.0	1.	0.01	2.1	3.	0.02	0.81	---	e.00
14	e.54	---	e.00	11.	38.	1.2	9.6	---	e.35	14	1.9	1.	0.00	1.7	2.	0.01	0.79	---	e.00
15	e.54	---	e.00	13.	60.	2.5	7.8	---	e.12	15	1.7	1.	0.00	1.4	2.	0.01	0.79	---	e.00
16	e.54	---	e.00	16.	64.	3.0	7.2	---	e.10	16	1.7	---	e.00	1.2	2.	0.01	0.83	---	e.00
17	e.54	---	e.00	19.	156.	9.0	7.	---	e.09	17	1.7	---	e.00	1.2	1.	0.00	0.77	---	e.00
18	e.54	---	e.00	19.	116.	6.5	6.6	---	e.09	18	1.9	9.	0.06	1.3	1.	0.00	0.77	2.	0.00
19	e.57	---	e.00	18.	85.	4.7	6.4	---	e.08	19	2.0	11.	0.07	1.2	1.	0.00	0.80	4.	0.01
20	e.60	---	e.00	14.	36.	1.5	5.8	---	e.06	20	2.0	9.	0.05	1.1	2.	0.00	1.4	6.	0.02
21	e.63	---	e.00	13.	16.	0.62	5.3	---	e.06	21	1.6	1.	0.00	1.2	1.	0.00	1.4	---	e.01
22	e.58	---	e.00	14.	13.	0.49	5.3	---	e.05	22	1.5	1.	0.00	1.1	1.	0.00	1.6	---	e.03
23	e.56	---	e.00	15.	47.	2.4	5.4	---	e.04	23	1.5	1.	0.00	1.1	1.	0.00	1.3	---	e.01
24	e.56	---	e.00	13.	33.	1.2	5.	---	e.03	24	1.3	2.	0.01	1.2	25.	0.12	1.1	---	e.01
25	e.80	---	e.00	12.	29.	1.0	4.1	---	e.02	25	1.3	1.	0.00	1.3	3.	0.01	0.99	---	e.01
26	e1.0	---	e.00	10.	11.	0.32	3.8	---	e.02	26	1.4	52.	0.23	1.3	1.	0.00	1.0	3.	e.01
27	e1.2	---	e.00	9.8	6.	0.16	3.6	---	e.01	27	1.8	70.	0.45	1.3	1.	0.00	0.97	---	e.00
28	e1.0	---	e.00	11.	25.	0.73	3.4	---	e.01	28	2.2	351.	2.7	1.2	1.	0.00	0.88	---	e.00
29	e1.0	---	e.00	13.	15.	0.59	3.3	---	e.01	29	2.1	93.	0.60	1.1	1.	0.00	0.82	---	e.00
30	e1.0	---	e.00	17.	44.	2.3	3.1	---	e.01	30	2.7	196.	1.8	1.1	1.	0.00	0.81	---	e.00
31	---	---	---	18.	139.	8.2	---	---	---	31	2.1	54.	0.36	1.2	1.	0.00	---	---	---

Table 31. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC5

[---, not computed; e, estimated]

	Water Year 1995									Water Year 1995								
	October			November			December			January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	5.5	---	e.20	4.5	---	e.12	4.1	---	e.05	1	2.0	---	e.02	1.7	---	e.02	2.0	---	e.02
2	5.7	---	e.20	4.4	---	e.12	4.0	---	e.05	2	2.0	---	e.02	1.7	---	e.02	1.9	---	e.02
3	5.6	---	e.20	4.4	---	e.12	3.9	---	e.04	3	2.0	---	e.02	1.7	---	e.02	1.9	---	e.02
4	5.6	---	e.20	4.6	---	e.12	3.9	---	e.04	4	2.0	---	e.02	1.6	---	e.02	1.9	---	e.02
5	5.5	---	e.20	4.8	---	e.14	3.9	---	e.04	5	2.0	---	e.02	1.6	---	e.02	1.9	---	e.02
6	5.5	---	e.20	5.1	---	e.18	3.9	---	e.04	6	2.0	---	e.02	1.6	---	e.02	1.9	---	e.02
7	5.5	---	e.20	5.0	---	e.18	3.9	---	e.04	7	2.0	---	e.02	1.6	---	e.02	1.9	---	e.02
8	5.5	---	e.20	4.8	---	e.14	3.8	---	e.04	8	1.9	---	e.02	1.6	---	e.02	1.9	---	e.02
9	5.6	---	e.20	4.8	---	e.14	3.7	---	e.04	9	1.9	---	e.02	1.6	---	e.02	1.9	---	e.02
10	5.6	---	e.20	5.0	---	e.17	3.5	---	e.04	10	1.9	---	e.02	1.6	---	e.02	1.9	---	e.02
11	5.6	---	e.20	5.0	---	e.17	3.4	---	e.04	11	1.9	---	e.02	1.6	---	e.02	2.0	---	e.02
12	5.3	---	e.20	5.4	---	e.20	3.3	---	e.04	12	1.9	---	e.02	1.6	---	e.02	2.0	---	e.02
13	5.1	---	e.20	4.8	---	e.15	3.2	---	e.04	13	1.9	---	e.02	1.6	---	e.02	2.1	---	e.02
14	5.1	---	e.20	4.5	---	e.13	3.1	---	e.03	14	1.9	---	e.02	1.7	---	e.02	2.2	---	e.02
15	5.1	---	e.20	4.4	---	e.11	3.0	---	e.03	15	1.9	---	e.02	1.7	---	e.02	2.8	---	e.02
16	5.2	---	e.20	4.2	---	e.09	2.9	---	e.03	16	1.9	---	e.02	1.8	---	e.02	2.3	---	e.02
17	5.2	---	e.20	4.1	---	e.07	2.8	---	e.03	17	1.8	---	e.02	1.9	---	e.02	2.3	---	e.02
18	5.2	14.	e.20	4.0	---	e.05	2.8	---	e.03	18	1.8	---	e.02	1.9	---	e.02	2.3	---	e.02
19	5.5	---	e.20	3.9	---	e.04	2.7	---	e.03	19	1.8	---	e.02	2.0	---	e.02	2.2	---	e.02
20	5.2	---	e.19	3.8	---	e.04	2.6	---	e.03	20	1.8	---	e.02	2.0	---	e.02	2.1	---	e.02
21	5.3	---	e.19	3.8	---	e.04	2.5	---	e.03	21	1.8	---	e.02	2.1	---	e.02	2.2	---	e.02
22	5.2	---	e.19	3.7	---	e.04	2.5	---	e.03	22	1.8	---	e.02	2.1	---	e.02	2.3	---	e.02
23	5.2	---	e.19	3.7	---	e.04	2.4	---	e.03	23	1.8	---	e.02	2.1	3.	e.02	1.9	---	e.02
24	5.3	---	e.19	3.6	---	e.04	2.3	---	e.03	24	1.8	---	e.02	2.1	---	e.02	1.9	---	e.02
25	5.3	---	e.19	3.6	---	e.04	2.3	---	e.03	25	1.7	---	e.02	2.1	---	e.02	1.9	---	e.02
26	5.4	---	e.20	3.6	---	e.04	2.2	---	e.03	26	1.7	---	e.02	2.1	---	e.02	1.9	---	e.02
27	5.4	---	e.20	3.6	---	e.04	2.2	---	e.03	27	1.7	---	e.02	2.0	---	e.02	1.9	---	e.02
28	5.4	---	e.20	3.7	---	e.04	2.1	---	e.03	28	1.7	---	e.02	2.0	---	e.02	1.8	---	e.02
29	5.1	---	e.18	3.8	---	e.04	2.1	---	e.03	29	1.7	---	e.02	---	---	---	1.8	---	e.02
30	4.9	---	e.15	4.0	5.	e.05	2.1	---	e.02	30	1.7	---	e.02	---	---	---	1.8	---	e.02
31	4.5	---	e.12	---	---	---	2.1	---	e.02	31	1.7	---	e.02	---	---	---	1.8	---	e.02

Table 31. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC5--Continued

[---, not computed; e, estimated]

	Water Year 1995										Water Year 1995								
	April			May			June				July			August			September		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	1.8	---	e.02	2.9	10.	0.08	15.	84.	e4.0	1	74.	44.	8.8	33.	---	e.88	18.	13.	0.58
2	1.8	---	e.02	3.3	555.	5.7	20.	88.	e5.0	2	70.	36.	6.8	30.	---	e.80	17.	15.	e.66
3	1.8	---	e.02	3.3	937.	8.5	23.	92.	5.7	3	68.	220.	40.	28.	---	e.76	16.	15.	e.66
4	1.8	---	e.02	3.2	53.	0.47	25.	97.	6.8	4	63.	170.	29.	27.	---	e.74	16.	---	e.38
5	1.8	---	e.02	3.4	77.	0.73	32.	102.	9.6	5	58.	24.	3.8	26.	---	e.66	16.	5.	0.21
6	1.8	---	e.02	3.4	103.	e1.0	40.	104.	11.	6	58.	---	e2.6	25.	---	e.56	16.	4.	0.18
7	1.7	---	e.02	3.5	---	e.28	40.	102.	11.	7	61.	---	e3.2	23.	---	e.47	16.	3.	0.15
8	1.7	---	e.02	3.3	7.	0.06	40.	57.	6.3	8	61.	---	e4.9	22.	7.	e.43	16.	3.	0.14
9	1.7	---	e.02	3.2	3.	0.03	38.	59.	6.0	9	62.	---	e5.2	22.	5.	e.31	15.	3.	0.12
10	1.7	---	e.02	3.4	77.	0.82	33.	148.	e13.	10	66.	---	e6.7	22.	5.	e.27	14.	2.	0.09
11	1.7	---	e.02	3.7	220.	2.2	36.	103.	e9.3	11	70.	58.	11.	23.	12.	e.78	14.	6.	e.24
12	1.7	---	e.02	4.2	306.	3.5	47.	123.	e18.	12	72.	---	e9.7	25.	8.	0.57	13.	7.	e.27
13	1.7	---	e.02	4.1	18.	e.20	61.	512.	e85.	13	72.	39.	7.7	26.	---	e.39	13.	4.	0.14
14	1.7	5.	e.02	5.2	51.	0.90	72.	---	e49.	14	72.	---	e5.8	26.	---	e.39	13.	---	e.15
15	1.7	---	e.02	7.9	59.	1.6	80.	145.	31.	15	67.	40.	7.1	25.	4.	0.26	13.	6.	0.21
16	1.8	---	e.02	8.6	31.	0.73	91.	188.	47.	16	63.	---	e8.2	24.	2.	0.15	12.	4.	0.13
17	1.8	---	e.02	6.2	48.	e.73	103.	233.	65.	17	60.	36.	5.8	23.	3.	0.16	12.	3.	0.10
18	1.9	---	e.03	7.1	16.	0.33	107.	---	e67.	18	61.	---	e3.7	22.	2.	0.14	12.	4.	0.12
19	1.9	---	e.03	7.0	20.	0.39	100.	---	e71.	19	59.	21.	3.3	22.	1.	0.08	11.	4.	0.13
20	2.0	---	e.03	8.3	22.	0.50	87.	250.	e60.	20	60.	---	e6.4	22.	6.	0.40	12.	4.	0.14
21	2.1	---	e.03	9.2	17.	0.44	93.	278.	e72.	21	54.	19.	2.8	24.	14.	1.0	12.	---	e.15
22	2.1	---	e.03	11.	38.	1.2	96.	---	e85.	22	46.	13.	1.7	25.	9.	0.65	11.	---	e.10
23	2.1	---	e.03	10.	16.	0.44	89.	---	e65.	23	45.	11.	1.3	22.	5.	0.31	11.	3.	0.09
24	2.2	---	e.03	9.0	13.	0.32	82.	---	e55.	24	45.	12.	1.5	21.	6.	0.35	10.	2.	0.06
25	2.4	---	e.04	8.9	11.	0.27	80.	---	e53.	25	41.	11.	1.3	21.	11.	0.60	10.	1.	e.07
26	2.4	---	e.04	8.9	10.	e.25	78.	---	e50.	26	37.	12.	1.2	21.	3.	0.17	9.9	---	e.07
27	2.4	---	e.04	9.8	10.	0.28	80.	---	e57.	27	35.	13.	1.3	20.	3.	0.16	9.6	---	e.07
28	2.6	7.	e.05	10.	13.	0.35	82.	---	e49.	28	34.	---	e1.1	20.	5.	0.27	9.7	---	e.07
29	2.8	4.	0.03	10.	44.	1.2	78.	208.	44.	29	33.	---	e.88	20.	---	e.26	9.9	---	e.07
30	2.9	7.	0.05	11.	25.	0.70	77.	79.	16.	30	35.	---	e13.	18.	13.	0.62	9.8	---	e.07
31	---	---	---	11.	30.	0.93	---	---	---	31	37.	287.	31.	18.	16.	0.78	---	---	---

Table 31. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC5--Continued

[---, not computed; e, estimated]

	Water Year 1997										Water Year 1997								
	October			November			December				January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	6.9	---	e.03	e5.0	---	e.03	e4.0	---	e.01	1	e3.5	---	e.01	e3.0	---	e.01	e2.9	---	e.01
2	6.5	2.	e.03	e5.0	---	e.03	e4.0	---	e.01	2	e3.5	---	e.01	e3.0	---	e.01	e2.9	---	e.01
3	6.1	---	e.03	e5.0	---	e.03	e4.0	---	e.01	3	e3.5	---	e.01	e3.0	---	e.01	e2.8	---	e.01
4	4.7	---	e.03	e5.0	---	e.03	e4.0	---	e.01	4	e3.5	---	e.01	e3.0	---	e.01	e2.9	---	e.01
5	4.4	---	e.03	e5.0	---	e.03	e4.0	---	e.01	5	e3.5	---	e.01	e3.0	---	e.01	e2.9	---	e.01
6	4.3	---	e.03	e5.4	8.	e.12	e4.0	---	e.01	6	e3.5	---	e.01	e3.0	---	e.01	e3.0	---	e.01
7	4.2	---	e.03	e5.9	---	e.10	e4.0	---	e.01	7	e3.5	---	e.01	e3.0	---	e.01	e3.0	---	e.01
8	e4.3	---	e.03	e5.7	---	e.05	e4.0	---	e.01	8	e3.5	---	e.01	e3.0	---	e.01	e3.0	---	e.01
9	e4.3	---	e.03	e5.4	---	e.03	e4.0	---	e.01	9	e3.5	---	e.01	e3.0	---	e.01	e3.0	---	e.01
10	e4.4	---	e.03	e5.2	---	e.01	e4.0	1.	e.01	10	e3.5	---	e.01	e3.0	---	e.01	e3.0	---	e.01
11	e4.6	---	e.03	e5.1	---	e.01	e4.0	---	e.01	11	e3.5	---	e.01	e3.0	---	e.01	e3.0	---	e.01
12	e4.7	---	e.03	e5.0	---	e.01	e4.0	---	e.01	12	e3.5	---	e.01	e3.0	---	e.01	e3.0	---	e.01
13	e4.9	---	e.03	e5.0	---	e.01	e4.0	---	e.01	13	e3.5	---	e.01	e3.0	---	e.01	e3.0	---	e.01
14	e5.0	---	e.03	e5.0	---	e.01	e4.0	---	e.01	14	e3.4	---	e.01	e3.0	---	e.01	e3.0	---	e.01
15	e5.0	---	e.03	e5.0	---	e.01	e4.0	---	e.01	15	e3.3	---	e.01	e3.0	---	e.01	e3.0	---	e.01
16	e5.0	---	e.03	e5.0	---	e.01	e3.9	---	e.01	16	e3.2	---	e.01	e3.0	---	e.01	e3.0	---	e.01
17	e5.0	---	e.03	e5.0	---	e.01	e3.8	---	e.01	17	e3.1	---	e.01	e3.0	---	e.01	e3.1	---	e.01
18	e5.0	---	e.03	e4.7	---	e.01	e3.8	---	e.01	18	e3.1	---	e.01	e3.0	---	e.01	e3.1	---	e.02
19	e5.0	---	e.03	e4.6	---	e.01	e3.7	---	e.01	19	e3.0	---	e.01	e3.0	---	e.01	e3.2	---	e.02
20	e5.0	---	e.03	e4.5	---	e.01	e3.7	---	e.01	20	e3.0	---	e.01	e3.0	1.	e.01	e3.4	---	e.02
21	e5.0	---	e.03	e4.4	---	e.01	e3.6	---	e.01	21	e3.0	---	e.01	e3.0	---	e.01	e3.5	---	e.03
22	e5.0	---	e.03	e4.3	---	e.01	e3.6	---	e.01	22	e3.0	---	e.01	e3.0	---	e.01	e3.6	---	e.03
23	e5.0	---	e.03	e4.2	---	e.01	e3.5	---	e.01	23	e3.0	---	e.01	e3.0	---	e.01	e3.8	---	e.04
24	e5.0	---	e.03	e4.1	---	e.01	e3.5	---	e.01	24	e3.0	---	e.01	e3.0	---	e.01	e3.9	---	e.04
25	e5.0	---	e.03	e4.0	---	e.01	e3.5	---	e.01	25	e3.0	---	e.01	e3.0	---	e.01	e4.0	---	e.05
26	e5.0	---	e.03	e4.0	---	e.01	e3.5	---	e.01	26	e3.0	---	e.01	e3.0	---	e.01	e4.0	---	e.05
27	e5.0	---	e.03	e4.0	---	e.01	e3.5	---	e.01	27	e3.0	---	e.01	e3.0	---	e.01	e4.0	---	e.05
28	e5.0	---	e.03	e4.0	---	e.01	e3.5	---	e.01	28	e3.0	---	e.01	e3.0	---	e.01	e4.0	---	e.05
29	e5.0	---	e.03	e4.0	---	e.01	e3.5	---	e.01	29	e3.0	---	e.01	---	---	---	e4.0	---	e.05
30	e5.0	---	e.03	e4.0	---	e.01	e3.5	---	e.01	30	e3.0	---	e.01	---	---	---	e4.0	---	e.05
31	e5.0	---	e.03	---	---	---	e3.5	---	e.01	31	e3.0	---	e.01	---	---	---	e4.2	---	e.06

Table 31. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC5--Continued

[---, not computed; e, estimated]

	Water Year 1997								
	April			May			June		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e4.5	---	e.07	4.8	---	e.07	42.	55.	6.7
2	e4.5	---	e.07	4.6	---	e.07	45.	65.	8.2
3	e4.5	---	e.07	4.9	---	e.07	45.	59.	7.2
4	e4.5	---	e.07	5.9	---	e.10	47.	62.	8.3
5	e4.5	---	e.07	7.5	---	e.12	46.	---	e7.3
6	e4.5	---	e.07	9.1	---	e.21	45.	---	e6.9
7	e4.5	---	e.07	11.	---	e.50	54.	---	e12.
8	e4.5	---	e.07	13.	---	e1.0	51.	---	e7.7
9	e4.5	---	e.07	15.	56.	2.7	47.	36.	4.7
10	e4.5	---	e.07	18.	46.	2.4	45.	25.	3.1
11	e4.5	---	e.07	20.	29.	1.6	46.	35.	4.4
12	e4.3	---	e.05	19.	17.	0.86	46.	29.	3.6
13	e4.1	---	e.03	22.	49.	3.5	49.	38.	5.2
14	e4.0	---	e.01	27.	37.	2.7	51.	32.	4.5
15	e4.0	---	e.01	31.	89.	8.8	48.	18.	2.4
16	e4.0	---	e.01	37.	108.	12.	48.	14.	1.8
17	e4.2	---	e.02	41.	127.	16.	47.	14.	1.8
18	4.7	---	e.08	43.	92.	11.	47.	12.	1.6
19	6.4	---	e.12	43.	68.	8.4	47.	20.	2.6
20	7.8	---	e.16	40.	33.	3.7	48.	17.	2.3
21	7.2	---	e.14	39.	19.	2.1	49.	22.	2.9
22	5.4	---	e.10	40.	13.	1.5	49.	15.	2.1
23	5.1	---	e.09	38.	16.	1.7	50.	19.	2.5
24	9.9	---	e.26	38.	20.	2.0	50.	17.	2.3
25	e11.	---	e.50	35.	11.	1.0	49.	16.	2.1
26	e9.0	---	e.21	31.	8.	0.69	48.	16.	2.1
27	e7.0	---	e.10	26.	8.	0.56	46.	18.	2.3
28	5.2	---	e.08	24.	15.	0.97	45.	20.	2.4
29	5.2	---	e.08	26.	18.	1.3	43.	20.	2.3
30	5.0	---	e.07	29.	55.	4.3	43.	21.	2.4
31	---	---	---	35.	51.	5.5	---	---	---

	Water Year 1997								
	July			August			September		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	42.	28.	3.2	26.	---	e1.7	17.	54.	2.9
2	40.	27.	2.9	26.	---	e1.0	17.	6.	0.29
3	39.	25.	2.6	26.	---	e1.4	19.	95.	7.4
4	38.	22.	2.3	26.	---	e1.2	18.	---	e.41
5	37.	26.	2.6	26.	---	e.84	16.	---	e.17
6	36.	21.	2.0	27.	23.	1.7	16.	---	e.17
7	36.	17.	1.6	28.	11.	0.83	15.	---	e.16
8	35.	14.	1.3	26.	6.	0.44	15.	---	e.16
9	34.	15.	1.4	26.	11.	0.77	14.	---	e.16
10	33.	13.	1.2	30.	68.	5.7	14.	---	e.15
11	32.	11.	0.98	27.	21.	1.5	13.	---	e.14
12	30.	12.	0.98	26.	6.	0.46	13.	---	e.14
13	29.	14.	1.1	26.	6.	0.40	13.	---	e.14
14	29.	12.	0.96	26.	6.	0.39	12.	---	e.13
15	28.	11.	0.82	25.	4.	0.29	12.	---	e.13
16	28.	9.	0.67	24.	5.	0.31	12.	---	e2.3
17	28.	13.	0.94	24.	4.	0.27	11.	---	e.17
18	27.	13.	0.96	23.	5.	0.30	11.	6.	0.17
19	27.	11.	0.80	22.	4.	0.25	11.	---	e.20
20	27.	13.	0.96	22.	4.	0.25	12.	---	e.25
21	26.	---	e.74	21.	7.	0.40	11.	---	e.20
22	25.	---	e.68	21.	6.	0.34	11.	---	e.18
23	25.	---	e.66	20.	14.	0.76	11.	---	e.16
24	24.	---	e.65	20.	22.	1.2	10.	---	e.16
25	24.	---	e.64	21.	39.	2.3	9.5	---	e.14
26	24.	---	e1.6	20.	14.	0.76	9.2	---	e.10
27	25.	---	e1.9	20.	10.	0.52	8.9	---	e.08
28	26.	---	e2.3	19.	7.	0.35	8.7	---	e.08
29	25.	---	e1.6	18.	5.	0.26	8.6	---	e.08
30	27.	---	e2.8	18.	---	e.24	8.4	---	e.06
31	25.	---	e1.6	17.	---	e.23	---	---	---

Table 32. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC7

[---, not computed; e, estimated]

	Water Year 1995									Water Year 1995								
	October			November			December			January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	4.7	---	e.05	7.8	---	e.10	4.2	---	e.04	1	4.0	---	e.02	4.0	5.	e.05	3.8	---	e.05
2	4.6	---	e.05	8.2	---	e.10	4.1	---	e.04	2	4.0	---	e.02	4.0	---	e.05	5.5	---	e.05
3	4.7	---	e.05	7.6	---	e.10	4.0	---	e.04	3	4.0	---	e.02	4.0	---	e.05	13.	---	e.08
4	6.3	---	e.10	6.8	---	e.10	4.0	---	e.04	4	4.0	---	e.02	4.0	---	e.05	13.	---	e.07
5	9.3	---	e.25	7.0	---	e.10	4.0	---	e.04	5	4.1	---	e.02	4.0	---	e.05	13.	---	e.06
6	13.	---	e.35	7.4	---	e.10	4.0	---	e.04	6	4.1	---	e.02	4.0	---	e.05	14.	---	e.06
7	12.	---	e.30	8.0	---	e.10	4.1	---	e.04	7	4.1	---	e.02	3.9	---	e.05	13.	---	e.06
8	12.	---	e.25	7.2	---	e.10	4.0	---	e.04	8	4.0	---	e.02	3.9	---	e.05	13.	---	e.06
9	12.	---	e.20	6.0	---	e.10	4.0	---	e.04	9	4.0	---	e.02	3.9	---	e.05	13.	---	e.06
10	9.2	---	e.15	6.2	---	e.10	4.0	---	e.04	10	4.0	---	e.02	3.9	---	e.05	13.	---	e.06
11	7.9	---	e.14	6.4	---	e.10	4.1	---	e.04	11	4.0	---	e.03	3.9	---	e.05	13.	---	e.06
12	7.8	---	e.13	6.8	---	e.10	4.2	---	e.04	12	4.0	---	e.03	3.9	---	e.05	13.	---	e.06
13	7.3	---	e.12	6.2	---	e.10	4.1	---	e.04	13	4.0	---	e.03	3.8	---	e.05	12.	---	e.06
14	6.7	---	e.11	7.8	---	e.10	4.1	---	e.04	14	4.1	---	e.03	3.8	---	e.05	12.	---	e.06
15	5.8	---	e.10	5.0	---	e.07	4.0	---	e.04	15	3.9	---	e.03	3.8	---	e.05	12.	---	e.06
16	5.6	---	e.10	5.2	---	e.05	4.0	---	e.03	16	3.8	---	e.03	3.8	---	e.05	12.	---	e.06
17	5.9	---	e.10	5.4	---	e.05	4.0	---	e.03	17	3.7	---	e.03	3.8	---	e.05	12.	2.	e.06
18	6.0	6.	e.10	5.0	---	e.05	4.0	---	e.03	18	3.7	---	e.03	3.8	---	e.05	11.	---	e.06
19	5.7	---	e.10	4.8	---	e.05	4.0	---	e.03	19	3.8	---	e.03	3.8	---	e.05	11.	---	e.06
20	5.7	---	e.10	4.8	---	e.05	4.0	---	e.03	20	3.7	---	e.03	3.8	---	e.05	11.	---	e.06
21	5.6	---	e.10	5.2	---	e.05	4.0	---	e.03	21	3.7	---	e.04	3.8	---	e.05	11.	---	e.06
22	5.7	---	e.10	5.0	---	e.05	4.0	---	e.03	22	3.6	---	e.04	3.8	---	e.05	11.	---	e.06
23	5.6	---	e.10	5.4	---	e.05	4.2	---	e.03	23	3.7	---	e.04	3.8	---	e.05	12.	---	e.06
24	5.7	---	e.10	6.0	---	e.05	5.2	---	e.03	24	3.7	---	e.04	3.9	---	e.05	12.	---	e.06
25	5.6	---	e.10	6.4	---	e.05	5.4	---	e.03	25	3.7	---	e.04	3.9	---	e.05	12.	---	e.06
26	5.8	---	e.10	5.8	---	e.05	5.5	---	e.03	26	3.7	---	e.04	3.8	---	e.05	12.	---	e.06
27	6.8	---	e.15	5.2	---	e.05	5.8	---	e.03	27	3.8	---	e.04	3.8	---	e.05	12.	---	e.06
28	9.5	---	e.20	4.6	---	e.05	4.5	2.	e.02	28	3.8	---	e.04	3.8	---	e.05	12.	---	e.06
29	9.4	---	e.15	4.2	---	e.04	4.2	---	e.02	29	3.8	---	e.04	---	---	---	12.	---	e.06
30	8.6	---	e.13	4.8	3.	e.04	4.1	---	e.02	30	3.8	---	e.04	---	---	---	11.	---	e.06
31	7.4	---	e.11	---	---	---	4.1	---	e.02	31	3.8	---	e.04	---	---	---	11.	---	e.06

Table 32. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC7--Continued

[---, not computed; e, estimated]

	Water Year 1995									Water Year 1995								
	April			May			June			July			August			September		
Day	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	10.	---	e.06	5.3	---	e.01	12.	---	e.05	1	95.	12.	3.0	48.	---	e.71	22.	2.	0.10
2	9.9	---	e.06	5.3	1.	0.01	13.	---	e.05	2	75.	8.	1.6	54.	---	e.79	18.	1.	0.06
3	9.5	---	e.06	5.1	1.	0.01	13.	---	e.06	3	93.	9.	2.4	44.	---	e.46	16.	2.	0.08
4	9.2	---	e.06	5.0	1.	0.01	14.	---	e.08	4	97.	10.	2.6	43.	---	e.47	15.	2.	0.08
5	8.8	---	e.06	5.1	1.	0.01	15.	---	e.08	5	76.	6.	1.2	44.	---	e.48	15.	---	e.06
6	8.0	---	e.05	5.0	1.	0.01	16.	---	e.09	6	74.	6.	1.2	48.	3.	0.36	15.	1.	e.04
7	7.7	---	e.05	4.9	1.	0.01	17.	3.	0.16	7	39.	9.	0.91	46.	2.	0.21	15.	---	e.04
8	7.6	---	e.05	4.9	0.	0.00	17.	6.	0.30	8	57.	---	e.96	41.	1.	0.16	20.	---	e.10
9	7.4	---	e.05	5.5	0.	0.01	18.	8.	0.39	9	77.	---	e1.6	40.	3.	0.28	22.	---	e.12
10	7.3	---	e.05	6.0	2.	0.04	26.	24.	2.1	10	103.	---	e66.	38.	2.	0.21	23.	---	e.13
11	7.1	---	e.05	6.3	1.	0.02	48.	28.	3.6	11	116.	---	e17.	44.	1.	0.08	26.	---	e.14
12	7.0	---	e.04	6.6	1.	0.01	44.	19.	2.3	12	84.	---	e6.9	32.	0.	0.00	23.	---	e.13
13	6.9	2.	e.04	6.7	0.	0.00	37.	11.	1.2	13	141.	---	e142.	20.	2.	0.09	26.	---	e.14
14	6.7	---	e.04	6.9	1.	0.02	57.	48.	8.	14	86.	---	e3.3	23.	2.	0.12	31.	---	e.20
15	6.5	---	e.04	7.3	2.	0.04	75.	185.	37.	15	108.	---	e2.8	26.	2.	0.11	26.	---	e.14
16	6.5	---	e.03	8.1	2.	0.04	93.	79.	20.	16	112.	---	e2.4	31.	1.	0.12	19.	---	e.10
17	6.4	---	e.03	8.7	2.	0.05	120.	454.	154.	17	82.	---	e1.4	40.	3.	0.28	16.	---	e.06
18	6.3	---	e.03	8.8	1.	0.03	83.	323.	73.	18	104.	---	e1.9	41.	2.	0.22	16.	---	e.06
19	6.3	---	e.03	9.1	1.	0.03	78.	106.	22.	19	96.	5.	1.3	42.	2.	0.26	16.	---	e.05
20	6.2	---	e.03	9.4	2.	0.05	92.	87.	22.	20	69.	4.	0.76	40.	3.	0.30	16.	---	e.05
21	6.1	---	e.02	10.	1.	0.04	101.	67.	19.	21	72.	4.	0.84	28.	---	e.18	16.	---	e.04
22	5.9	---	e.02	11.	1.	0.03	111.	121.	36.	22	77.	3.	0.64	27.	2.	0.16	16.	---	e.04
23	5.8	---	e.02	11.	---	e.04	135.	797.	324.	23	75.	2.	0.50	24.	3.	0.17	16.	---	e.03
24	5.7	---	e.02	11.	1.	0.04	147.	252.	102.	24	66.	3.	0.50	22.	2.	0.10	16.	---	e.03
25	5.7	---	e.02	11.	1.	0.03	126.	421.	169.	25	59.	3.	0.55	21.	1.	0.06	16.	---	e.02
26	5.6	---	e.01	11.	2.	0.05	113.	91.	28.	26	58.	3.	0.40	22.	---	e.06	16.	---	e.02
27	5.5	---	e.01	11.	2.	0.05	125.	85.	29.	27	49.	2.	0.26	26.	---	e.09	17.	---	e.01
28	5.5	7.	e.01	11.	1.	0.03	135.	---	e43.	28	44.	---	e.24	29.	2.	0.17	16.	---	e.01
29	5.7	---	e.01	11.	3.	0.08	120.	39.	13.	29	42.	2.	0.22	31.	2.	0.13	16.	---	e.01
30	5.5	---	e.01	12.	2.	0.05	116.	14.	4.4	30	40.	2.	0.17	28.	---	e.41	16.	---	e.01
31	---	---	---	12.	1.	0.03	---	---	---	31	38.	4.	0.38	24.	8.	0.56	---	---	---

Table 33. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC9

[---, not computed; e, estimated]

	Water Year 1995										Water Year 1995								
	October			November			December				January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	6.9	---	e.15	4.7	---	e.07	2.6	---	e.02	1	1.8	---	e.01	1.6	2.	e.01	1.3	---	e.01
2	6.7	---	e.15	4.2	---	e.07	2.3	---	e.02	2	1.8	---	e.01	1.5	---	e.01	1.3	---	e.01
3	6.5	---	e.15	4.2	---	e.07	2.3	---	e.02	3	1.7	---	e.01	1.4	---	e.01	1.4	---	e.01
4	8.1	---	e.15	4.0	---	e.07	2.3	---	e.02	4	1.7	---	e.01	1.4	---	e.01	1.4	---	e.01
5	7.4	---	e.15	3.5	---	e.07	2.3	---	e.02	5	1.7	---	e.01	1.4	---	e.01	1.5	---	e.01
6	7.0	---	e.15	3.6	---	e.05	2.3	---	e.02	6	1.7	---	e.01	1.4	---	e.01	1.5	---	e.01
7	6.8	---	e.15	3.6	---	e.05	2.3	---	e.02	7	1.7	---	e.01	1.4	---	e.01	1.3	---	e.01
8	6.8	---	e.15	3.6	---	e.05	2.4	---	e.02	8	1.7	---	e.01	1.4	---	e.01	1.4	---	e.01
9	6.6	---	e.15	3.5	---	e.05	2.2	---	e.02	9	1.7	---	e.01	1.5	---	e.01	1.4	---	e.01
10	6.3	---	e.15	3.5	---	e.05	2.2	---	e.02	10	1.7	---	e.01	1.4	---	e.01	1.3	---	e.01
11	6.2	---	e.14	3.6	---	e.03	2.2	---	e.02	11	1.7	---	e.01	1.3	---	e.01	1.4	---	e.01
12	6.0	---	e.14	3.6	---	e.03	2.2	---	e.02	12	1.7	---	e.01	1.2	---	e.01	1.5	---	e.01
13	5.8	---	e.14	3.5	---	e.03	2.2	---	e.02	13	1.7	---	e.01	1.3	---	e.01	1.2	---	e.01
14	5.6	---	e.14	3.0	---	e.03	2.2	---	e.02	14	1.6	---	e.01	1.3	---	e.01	1.3	---	e.01
15	5.6	---	e.14	3.3	---	e.03	2.2	---	e.02	15	1.6	---	e.01	1.3	---	e.01	1.4	---	e.01
16	5.4	---	e.13	3.1	---	e.03	2.2	---	e.02	16	1.6	---	e.01	1.3	---	e.01	1.5	---	e.01
17	5.3	---	e.13	3.1	---	e.03	2.2	---	e.02	17	1.5	---	e.01	1.3	---	e.01	1.6	2.	e.01
18	5.3	9.	e.13	3.1	---	e.03	2.2	---	e.02	18	1.5	---	e.01	1.3	---	e.01	1.5	---	e.01
19	5.2	---	e.13	3.2	---	e.03	2.2	---	e.02	19	1.5	---	e.01	1.3	---	e.01	1.4	---	e.01
20	5.2	---	e.13	3.0	---	e.03	1.9	---	e.02	20	1.5	---	e.01	1.3	---	e.01	1.3	---	e.01
21	5.3	---	e.11	3.0	---	e.02	1.9	---	e.02	21	1.5	---	e.01	1.3	---	e.01	1.3	---	e.01
22	5.2	---	e.11	2.9	---	e.02	1.9	---	e.02	22	1.5	---	e.01	1.3	---	e.01	1.6	---	e.01
23	5.0	---	e.11	2.8	---	e.02	1.9	---	e.02	23	1.5	---	e.01	1.3	---	e.01	1.4	---	e.01
24	4.8	---	e.11	3.0	---	e.02	1.7	---	e.02	24	1.5	---	e.01	1.3	---	e.01	1.6	---	e.01
25	4.7	---	e.11	2.8	---	e.02	1.8	---	e.02	25	1.5	---	e.01	1.3	---	e.01	1.3	---	e.01
26	4.6	---	e.09	2.7	---	e.02	1.8	---	e.02	26	1.7	---	e.01	1.3	---	e.01	1.5	---	e.01
27	4.7	---	e.09	2.6	---	e.02	1.8	---	e.02	27	1.6	---	e.01	1.3	---	e.01	1.4	---	e.01
28	4.9	---	e.09	2.6	---	e.02	1.7	9.	e.02	28	1.6	---	e.01	1.3	---	e.01	1.5	---	e.01
29	4.5	---	e.09	2.6	---	e.02	1.7	---	e.02	29	1.6	---	e.01	---	---	---	1.4	---	e.01
30	4.8	---	e.09	2.6	3.	e.02	1.7	---	e.02	30	1.5	---	e.01	---	---	---	1.6	---	e.01
31	4.3	---	e.09	---	---	---	1.8	---	e.02	31	1.5	---	e.01	---	---	---	1.4	---	e.01

Table 33. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC9--Continued

[---, not computed; e, estimated]

Day	Water Year 1995									Day	Water Year 1995								
	April			May			June				July			August			September		
	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)		Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	1.5	---	e.01	1.7	---	e.01	12.	---	e.17	1	92.	---	e24.	41.	---	e.23	16.	1.	0.06
2	1.5	---	e.01	1.9	---	e.01	16.	---	e.24	2	86.	---	e27.	37.	1.	0.12	15.	1.	0.04
3	1.4	---	e.01	1.9	---	e.01	19.	---	e.30	3	82.	---	e20.	35.	---	e.17	15.	2.	0.06
4	1.4	---	e.01	1.8	1.	0.01	20.	---	e.40	4	77.	---	e12.	35.	---	e.19	14.	1.	0.05
5	1.5	---	e.01	1.9	---	e.01	26.	---	e.70	5	74.	38.	7.8	33.	---	e.18	12.	2.	0.06
6	1.6	---	e.01	1.7	---	e.01	31.	---	e.83	6	79.	---	e16.	31.	---	e.17	12.	1.	0.03
7	1.6	---	e.01	1.7	---	e.01	32.	---	e.54	7	86.	116.	28.	30.	---	e.16	12.	1.	0.05
8	1.7	---	e.01	1.6	---	e.01	30.	7.	0.53	8	90.	---	e39.	31.	2.	0.17	13.	2.	0.07
9	2.0	---	e.01	1.6	---	e.01	26.	5.	0.33	9	98.	141.	38.	30.	3.	0.20	13.	1.	0.04
10	1.7	---	e.01	1.7	2.	0.01	24.	3.	0.21	10	105.	---	e56.	29.	2.	0.19	12.	---	e.05
11	1.5	---	e.01	2.0	1.	0.01	28.	6.	0.53	11	96.	328.	100.	29.	3.	0.20	12.	2.	0.07
12	1.6	3.	e.01	2.2	2.	0.01	36.	15.	1.6	12	111.	---	e214.	28.	2.	0.17	11.	1.	0.03
13	1.8	---	e.01	2.3	1.	0.01	46.	39.	5.3	13	104.	---	e84.	28.	2.	0.15	11.	2.	0.05
14	1.8	---	e.01	3.1	4.	0.03	63.	76.	14.	14	102.	---	e35.	28.	2.	0.15	10.	---	e.06
15	1.6	---	e.01	5.4	7.	0.11	88.	172.	42.	15	97.	---	e18.	25.	1.	0.09	9.6	3.	0.07
16	1.8	---	e.01	6.9	3.	0.06	104.	---	e62.	16	100.	---	e12.	23.	1.	0.06	9.3	1.	0.04
17	2.0	---	e.01	7.4	5.	0.11	112.	---	e38.	17	101.	---	e8.2	22.	1.	0.06	9.1	4.	0.10
18	1.6	---	e.01	5.3	5.	0.07	115.	---	e41.	18	109.	33.	10.	22.	3.	0.17	9.9	2.	0.06
19	1.8	---	e.01	5.2	3.	0.04	116.	---	e78.	19	87.	---	e3.5	21.	5.	0.28	9.5	1.	0.03
20	1.6	---	e.01	5.6	3.	0.04	118.	240.	79.	20	90.	13.	3.2	20.	---	e.13	9.6	2.	0.05
21	1.5	---	e.01	6.3	3.	0.05	125.	---	e115.	21	90.	---	e1.5	21.	---	e.50	10.	1.	0.03
22	1.4	---	e.01	8.8	7.	0.18	122.	422.	139.	22	85.	---	e1.5	23.	---	e.30	9.4	---	e.03
23	1.3	---	e.01	10.	---	e.18	108.	187.	54.	23	75.	---	e1.1	22.	4.	0.21	9.1	---	e.03
24	1.5	---	e.01	9.3	5.	0.13	104.	180.	51.	24	61.	---	e.87	21.	2.	0.09	9.0	---	e.03
25	1.5	---	e.01	8.5	3.	0.06	101.	---	e50.	25	56.	5.	0.76	20.	1.	0.08	9.1	---	e.03
26	1.6	---	e.01	8.0	2.	0.05	102.	172.	48.	26	54.	5.	0.72	20.	1.	0.07	9.2	---	e.03
27	1.6	---	e.01	8.3	2.	0.05	108.	205.	62.	27	52.	4.	0.62	19.	1.	0.05	9.0	---	e.03
28	1.5	2.	0.01	8.7	3.	0.07	107.	166.	48.	28	49.	---	e.57	20.	6.	0.33	8.7	---	e.03
29	1.8	---	e.01	8.8	6.	0.14	100.	---	e29.	29	48.	4.	0.49	19.	2.	0.09	8.9	---	e.03
30	1.7	---	e.01	9.0	2.	0.05	93.	---	e23.	30	50.	5.	0.74	17.	1.	0.05	8.5	---	e.03
31	---	---	---	9.5	---	e.12	---	---	---	31	48.	6.	0.78	16.	1.	0.06	---	---	---

Table 33. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC9--Continued

[---, not computed; e, estimated]

Day	Water Year 1996									Day	Water Year 1996								
	October			November			December				January			February			March		
	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)		Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	8.1	---	e.02	e5.6	---	e.02	e3.3	---	e.01	1	e1.9	---	e.01	e1.9	---	e.01	e1.5	---	e.01
2	8.1	---	e.02	e5.5	---	e.02	3.1	---	e.01	2	e1.9	---	e.01	e1.7	---	e.01	e1.4	---	e.01
3	8.0	---	e.02	e5.5	---	e.02	3.0	---	e.01	3	e1.9	---	e.01	e1.7	---	e.01	e1.4	---	e.01
4	8.1	---	e.02	e5.5	---	e.02	3.0	---	e.01	4	e1.9	---	e.01	e1.7	---	e.01	e1.5	---	e.01
5	7.6	---	e.02	e5.5	---	e.02	3.0	1.	e.01	5	e1.9	---	e.01	e1.8	---	e.01	e1.5	---	e.01
6	8.3	---	e.02	e5.2	---	e.02	3.1	---	e.01	6	e1.9	---	e.01	e1.8	---	e.01	e1.5	---	e.01
7	7.9	---	e.02	e5.2	---	e.02	3.0	---	e.01	7	e2.0	---	e.01	e1.8	---	e.01	e1.5	---	e.01
8	7.8	---	e.02	e5.2	---	e.02	e2.9	---	e.01	8	e2.1	---	e.01	e1.9	---	e.01	e1.5	---	e.01
9	7.5	---	e.02	e4.7	---	e.02	e2.7	---	e.01	9	e2.1	---	e.01	e1.9	---	e.01	e1.3	---	e.01
10	7.4	---	e.02	e4.7	---	e.02	e2.7	---	e.01	10	e2.1	---	e.01	e2.0	---	e.01	e1.4	---	e.01
11	7.4	---	e.02	e4.7	---	e.02	e2.8	---	e.01	11	e1.9	---	e.01	e1.8	---	e.01	e1.5	---	e.01
12	7.5	---	e.02	e4.5	---	e.02	e2.8	---	e.01	12	e2.0	---	e.01	e1.7	---	e.01	e1.5	2.	e.01
13	e7.4	---	e.02	e4.4	---	e.02	e2.7	---	e.01	13	e2.3	---	e.01	e1.7	---	e.01	e1.6	---	e.01
14	e7.7	---	e.02	e4.4	---	e.02	e2.6	---	e.01	14	e2.2	---	e.01	e1.9	---	e.01	e1.6	---	e.01
15	e8.0	---	e.02	e4.2	---	e.02	e2.7	---	e.01	15	e2.2	---	e.01	e1.8	---	e.01	e1.5	---	e.01
16	e7.8	---	e.02	e4.2	---	e.02	e2.6	---	e.01	16	e2.1	---	e.01	e1.7	---	e.01	e1.5	---	e.01
17	e7.1	---	e.02	e4.1	---	e.02	e2.5	---	e.01	17	e2.0	---	e.01	e1.7	---	e.01	e1.6	---	e.01
18	e6.9	---	e.02	e4.0	---	e.02	e2.4	---	e.01	18	e1.9	---	e.01	e1.8	---	e.01	e1.5	---	e.01
19	e6.6	---	e.02	e3.7	---	e.02	e2.4	---	e.01	19	e1.8	---	e.01	e1.7	---	e.01	e1.5	---	e.01
20	e7.2	---	e.02	e3.7	---	e.02	e2.4	---	e.01	20	e1.8	---	e.01	e1.7	---	e.01	e1.6	---	e.01
21	e6.4	---	e.02	e3.7	---	e.02	e2.3	---	e.01	21	e1.8	---	e.01	e1.7	---	e.01	e1.7	---	e.01
22	e6.1	---	e.02	e3.9	---	e.02	e2.2	---	e.01	22	e1.9	---	e.01	e1.7	---	e.01	e1.9	---	e.01
23	e6.9	---	e.02	e3.8	---	e.02	e2.1	---	e.01	23	e1.8	---	e.01	e1.7	---	e.01	e1.9	---	e.01
24	e8.4	---	e.02	e3.7	---	e.02	e2.2	---	e.01	24	e1.8	---	e.01	e1.6	---	e.01	e1.8	---	e.01
25	e8.0	---	e.02	e3.6	---	e.02	e2.2	---	e.01	25	e1.8	3.	e.01	e1.6	---	e.01	e1.7	---	e.01
26	e7.6	---	e.02	e3.5	---	e.01	e2.3	---	e.01	26	e1.8	---	e.01	e1.6	---	e.01	e1.7	---	e.01
27	e6.7	---	e.02	e3.5	---	e.01	e2.3	---	e.01	27	e1.7	---	e.01	e1.6	---	e.01	e1.7	---	e.01
28	e6.8	---	e.02	e3.5	---	e.01	e2.3	---	e.01	28	e1.8	---	e.01	e1.6	---	e.01	e1.8	---	e.01
29	e6.3	---	e.02	e3.4	---	e.01	e2.1	---	e.01	29	e1.8	---	e.01	e1.6	---	e.01	e1.8	---	e.01
30	e5.9	---	e.02	e3.3	---	e.01	e2.0	---	e.01	30	e1.8	---	e.01	---	---	---	e1.8	---	e.01
31	e5.8	---	e.02	---	---	---	e1.9	---	e.01	31	e1.8	---	e.01	---	---	---	1.9	---	e.01

Table 33. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CC9--Continued

[---, not computed; e, estimated]

	Water Year 1996										Water Year 1996								
	April			May			June				July			Aupust			September		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	1.9	---	e.02	2.5	---	e.03	33.	7.	0.61	1	58.	5.	0.80	18.	1.	0.07	5.8	1.	0.01
2	1.8	---	e.02	2.6	---	e.03	33.	6.	0.55	2	55.	3.	0.51	17.	1.	0.05	5.7	1.	0.02
3	1.8	---	e.02	3.0	---	e.04	38.	13.	1.4	3	51.	3.	0.45	19.	1.	0.05	5.5	1.	0.02
4	1.7	---	e.02	3.9	---	e.05	44.	39.	5.0	4	53.	39.	5.8	18.	1.	0.05	5.3	1.	0.01
5	1.7	---	e.02	5.6	---	e.07	50.	106.	15.	5	57.	7.	1.1	15.	1.	0.06	5.3	1.	0.02
6	1.8	---	e.02	7.4	---	e.08	59.	70.	11.	6	53.	4.	0.64	15.	4.	0.16	6.7	13.	0.25
7	1.8	---	e.02	9.	---	e.10	62.	41.	7.2	7	48.	3.	0.45	15.	3.	0.12	6.2	2.	0.04
8	2.0	---	e.03	11.	4.	0.15	67.	61.	12.	8	43.	3.	0.38	16.	2.	0.08	5.5	1.	0.02
9	2.6	---	e.04	12.	4.	0.13	79.	63.	14.	9	40.	3.	0.27	14.	2.	0.10	5.3	1.	0.01
10	3.0	---	e.04	13.	---	e.17	82.	63.	14.	10	41.	5.	0.50	13.	1.	0.05	5.3	1.	0.01
11	2.7	---	e.03	15.	---	e.26	83.	69.	16.	11	37.	5.	0.54	12.	1.	0.03	5.1	1.	0.01
12	2.4	---	e.03	19.	---	e.44	79.	40.	8.7	12	35.	4.	0.36	11.	1.	0.04	6.0	1.	0.01
13	2.3	---	e.03	22.	---	e.53	77.	86.	17.	13	34.	3.	0.28	11.	1.	0.03	6.2	1.	0.01
14	2.1	---	e.03	26.	---	e.80	72.	39.	8.	14	33.	3.	0.27	11.	1.	0.02	5.9	1.	0.02
15	2.2	---	e.03	33.	---	e1.1	73.	30.	6.4	15	31.	3.	0.25	10.	1.	0.03	7.5	1.	0.02
16	2.2	---	e.03	43.	---	e1.8	67.	28.	5.1	16	29.	2.	0.19	10.	1.	0.03	6.3	1.	0.02
17	2.3	---	e.03	50.	22.	3.0	65.	27.	4.8	17	28.	11.	0.94	10.	1.	0.03	5.7	1.	0.01
18	2.2	---	e.03	54.	42.	6.4	64.	32.	5.5	18	34.	12.	1.1	10.	1.	0.03	5.9	1.	0.01
19	2.1	---	e.03	62.	50.	8.5	61.	15.	2.5	19	33.	3.	0.27	9.8	1.	0.03	6.4	---	e.01
20	2.1	---	e.03	58.	24.	3.7	62.	13.	2.1	20	32.	3.	0.26	9.8	1.	0.03	6.1	---	e.01
21	2.0	---	e.03	52.	18.	2.6	72.	25.	5.0	21	29.	2.	0.19	9.4	1.	0.04	6.6	---	e.01
22	2.0	---	e.03	55.	15.	2.2	83.	18.	4.1	22	27.	2.	0.15	8.3	1.	0.03	6.7	---	e.01
23	2.0	5.	e.03	54.	11.	1.6	65.	5.	0.82	23	25.	2.	0.13	7.9	1.	0.02	6.8	---	e.01
24	2.7	---	e.04	43.	6.	0.70	59.	3.	0.53	24	25.	2.	0.13	7.6	---	e.02	8.5	---	e.03
25	3.4	---	e.05	39.	4.	0.43	58.	1.	0.20	25	24.	2.	0.13	7.1	---	e.02	7.6	---	e.02
26	2.9	---	e.04	34.	5.	0.50	59.	3.	0.52	26	23.	2.	0.12	6.9	1.	0.02	6.6	---	e.01
27	2.9	---	e.04	30.	3.	0.27	60.	2.	0.40	27	22.	1.	0.08	7.4	1.	0.02	6.0	---	e.01
28	2.7	---	e.04	28.	7.	0.50	62.	3.	0.47	28	21.	2.	0.13	7.5	1.	0.02	6.6	---	e.01
29	2.7	---	e.04	31.	3.	0.28	58.	6.	0.86	29	23.	3.	0.21	6.8	1.	0.02	7.6	---	e.01
30	2.5	---	e.03	33.	3.	0.22	58.	5.	0.73	30	20.	2.	0.09	6.4	2.	0.03	7.6	---	e.01
31	---	---	---	32.	6.	0.61	---	---	---	31	19.	1.	0.08	6.0	1.	0.01	---	---	---

Table 34. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC5

[---, not computed; e, estimated]

	Water Year 1995									Water Year 1995								
	October			November			December			January			February			March		
Day	Mean dis-chsrge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Day	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/a)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)
1	0.95	---	e.02	1.4	---	e.02	0.62	---	e.01	1	0.60	---	e.00	0.51	---	e.00	0.65	---	e.00
2	0.91	---	e.02	1.3	---	e.02	0.62	6.	e.01	2	0.60	---	e.00	0.50	---	e.00	0.64	---	e.00
3	0.90	---	e.02	1.4	---	e.02	0.64	---	e.01	3	0.58	---	e.00	0.52	---	e.00	0.63	---	e.00
4	0.96	---	e.02	1.4	---	e.02	0.66	---	e.01	4	0.56	---	e.00	0.52	---	e.00	0.64	---	e.00
5	1.0	---	e.02	1.3	---	e.02	0.66	---	e.01	5	0.54	---	e.00	0.51	---	e.00	0.60	---	e.00
6	0.99	---	e.02	1.3	---	e.02	0.68	---	e.01	6	0.56	---	e.00	0.52	---	e.00	0.60	---	e.00
7	0.97	---	e.02	1.3	---	e.02	0.68	---	e.01	7	0.58	---	e.00	0.49	---	e.00	0.62	3.	e.00
8	1.0	---	e.02	1.4	---	e.02	0.70	---	e.01	8	0.62	---	e.00	0.51	---	e.00	0.60	---	e.00
9	1.0	---	e.02	1.3	---	e.02	0.68	---	e.01	9	0.62	---	e.00	0.53	---	e.00	0.62	---	e.00
10	1.0	---	e.02	1.3	---	e.02	0.66	---	e.01	10	0.61	---	e.00	0.52	---	e.00	0.62	---	e.00
11	1.1	---	e.02	1.1	---	e.02	0.64	---	e.01	11	0.57	---	e.00	0.50	---	e.00	0.63	---	e.00
12	1.1	---	e.02	1.2	---	e.02	0.62	---	e.01	12	0.57	---	e.00	0.46	---	e.00	0.63	---	e.00
13	1.2	---	e.02	1.2	---	e.02	0.64	---	e.01	13	0.58	---	e.00	0.46	---	e.00	0.59	---	e.00
14	1.2	---	e.02	1.3	---	e.02	0.64	---	e.01	14	0.61	---	e.00	0.47	---	e.00	0.67	---	e.00
15	1.2	---	e.02	1.2	---	e.02	0.62	---	e.01	15	0.62	---	e.00	0.48	---	e.00	0.88	---	e.00
16	1.2	---	e.02	1.1	---	e.02	0.60	---	e.01	16	0.64	---	e.00	0.49	---	e.00	1.0	---	e.01
17	1.1	---	e.02	1.1	---	e.02	0.62	---	e.01	17	0.62	---	e.00	0.50	---	e.00	0.89	---	e.00
18	1.2	5.	e.02	1.1	---	e.02	0.64	---	e.01	18	0.58	---	e.00	0.50	---	e.00	0.91	---	e.01
19	1.2	---	e.02	1.0	---	e.02	0.68	---	e.01	19	0.58	---	e.00	0.52	---	e.00	0.88	---	e.00
20	1.2	---	e.02	0.92	---	e.01	0.70	---	e.01	20	0.58	---	e.00	0.55	---	e.00	0.75	---	e.00
21	1.3	---	e.02	0.88	---	e.01	0.70	---	e.01	21	0.56	---	e.00	0.62	---	e.00	0.92	---	e.01
22	1.3	---	e.02	0.82	---	e.01	0.67	---	e.01	22	0.54	---	e.00	0.64	---	e.00	1.0	---	e.01
23	1.2	---	e.02	0.84	---	e.01	0.66	---	e.01	23	0.54	---	e.00	0.66	---	e.00	1.0	---	e.01
24	1.3	---	e.02	0.88	---	e.01	0.65	---	e.01	24	0.54	---	e.00	0.70	---	e.00	0.91	---	e.01
25	1.3	---	e.02	0.94	---	e.01	0.64	---	e.01	25	0.54	---	e.00	0.65	---	e.00	0.87	---	e.00
26	1.3	---	e.02	0.92	---	e.01	0.66	---	e.01	26	0.56	---	e.00	0.67	---	e.00	0.87	---	e.00
27	1.3	---	e.02	0.84	---	e.01	0.65	---	e.01	27	0.56	---	e.00	0.63	---	e.00	0.88	---	e.00
28	1.4	---	e.02	0.78	---	e.01	0.64	---	e.01	28	0.54	---	e.00	0.67	---	e.00	0.94	---	e.01
29	1.3	---	e.02	0.70	---	e.01	0.65	---	e.01	29	0.52	---	e.00	---	---	---	0.93	---	e.00
30	1.3	---	e.02	0.62	---	e.01	0.67	5.	e.01	30	0.50	---	e.00	---	---	---	0.92	---	e.00
31	1.4	---	e.02	---	---	---	0.66	---	e.01	31	0.50	---	e.00	---	---	---	0.92	---	e.00

Table 34. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC5–Continued

[---, not computed; e, estimated]

	Water Year 1995									Water Year 1995								
	April			May			June			July			August			September		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	0.88	---	e.00	1.8	8.	0.04	6.2	8.	0.14	1	40.	15.	1.6	16.	3.	0.12	7.3	3.	0.05
2	0.88	---	e.00	2.2	10.	0.07	6.9	7.	0.13	2	37.	13.	1.3	16.	5.	0.21	7.0	2.	0.04
3	0.94	---	e.01	2.0	7.	0.04	8.3	10.	0.22	3	37.	13.	1.3	16.	5.	0.20	6.7	4.	0.07
4	1.0	---	e.01	1.8	6.	0.03	8.9	10.	0.25	4	35.	12.	1.1	15.	---	e.18	6.4	---	e.08
5	1.1	---	e.01	2.0	3.	0.02	10.	28.	0.83	5	33.	12.	1.1	15.	---	e.16	6.2	4.	0.07
6	1.2	---	e.01	2.1	7.	0.05	12.	28.	0.91	6	32.	22.	1.9	14.	---	e.13	6.2	3.	0.05
7	1.2	---	e.01	1.7	4.	0.02	13.	13.	0.44	7	32.	---	e1.3	13.	3.	0.11	6.1	3.	0.04
8	1.4	---	e.01	1.5	3.	0.01	13.	11.	0.42	8	32.	---	e.86	13.	3.	0.10	6.1	3.	0.04
9	1.3	---	e.01	1.4	3.	0.01	14.	15.	0.57	9	32.	---	e.88	13.	3.	0.10	6.2	3.	0.06
10	1.1	---	e.01	1.7	---	e.03	14.	6.	0.21	10	32.	---	e.88	12.	4.	0.13	5.9	3.	0.05
11	0.97	---	e.01	2.0	12.	0.06	14.	12.	0.48	11	32.	---	e.87	12.	6.	0.18	5.7	3.	0.05
12	0.88	---	e.00	2.3	7.	0.05	16.	19.	0.84	12	32.	---	e.87	11.	5.	0.15	5.3	3.	0.04
13	1.1	4.	e.01	2.4	6.	0.04	18.	20.	0.97	13	32.	---	e.87	11.	5.	0.15	5.0	3.	0.04
14	1.1	---	e.01	3.4	20.	0.25	22.	36.	2.4	14	33.	---	e.88	11.	5.	0.16	5.0	8.	0.11
15	0.94	---	e.01	4.6	26.	0.37	29.	29.	2.3	15	31.	---	e.80	10.	4.	0.10	4.8	4.	0.05
16	1.0	---	e.01	4.2	8.	0.09	33.	25.	2.4	16	30.	---	e.68	10.	3.	0.09	4.7	3.	0.03
17	0.91	---	e.00	3.6	3.	0.03	39.	17.	1.8	17	29.	---	e.62	9.9	4.	0.10	4.6	3.	0.04
18	0.89	---	e.00	3.5	4.	0.05	51.	19.	3.1	18	28.	---	e.56	9.9	3.	0.08	4.7	3.	0.04
19	0.94	---	e.01	4.3	8.	0.09	74.	10.	2.1	19	26.	---	e.46	9.9	---	e.06	4.5	3.	0.04
20	0.78	---	e.00	4.3	4.	0.05	78.	17.	3.6	20	25.	11.	0.73	9.6	---	e.06	4.7	3.	0.04
21	0.77	---	e.00	4.4	4.	0.05	70.	23.	4.2	21	24.	---	e.41	10.	---	e.08	4.9	---	e.03
22	0.73	---	e.00	4.8	4.	0.05	70.	12.	2.3	22	23.	---	e.21	10.	---	e.07	4.7	3.	0.04
23	0.75	---	e.00	5.1	4.	0.05	66.	13.	2.3	23	22.	---	e.18	9.7	---	e.05	4.4	2.	0.02
24	0.80	---	e.00	4.6	2.	0.03	58.	11.	1.7	24	21.	---	e.17	9.0	---	e.05	4.3	---	e.01
25	0.91	---	e.00	4.6	---	e.03	52.	10.	1.4	25	20.	---	e.13	8.9	---	e.06	4.2	---	e.01
26	1.1	---	e.01	4.4	---	e.04	49.	8.	1.0	26	19.	---	e.10	8.6	---	e.07	4.1	---	e.01
27	1.4	3.	0.01	5.0	---	e.14	48.	11.	1.4	27	19.	---	e.10	8.3	---	e.05	4.0	---	e.01
28	1.7	5.	0.03	4.8	---	e.05	49.	10.	1.4	28	18.	---	e.10	8.3	---	e.05	4.0	---	e.01
29	1.8	3.	0.02	4.8	---	e.04	47.	19.	2.5	29	18.	---	e.10	8.0	5.	0.12	4.0	---	e.01
30	1.6	3.	0.01	5.0	---	e.04	44.	17.	2.1	30	18.	---	e.12	7.7	3.	0.06	3.8	---	e.01
31	---	---	---	5.4	---	e.11	---	---	---	31	17.	4.	0.19	7.5	4.	0.08	---	---	---

Table 34. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC5--Continued

[---, not computed; e, estimated]

	Water Year 1996									Water Year 1996								
	October			November			December			January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	3.7	---	e.01	2.7	---	e.01	2.0	---	e.01	1	e1.3	---	e.00	e1.2	---	e.00	e.96	---	e.00
2	3.6	---	e.01	2.4	---	e.01	1.9	---	e.01	2	e1.3	---	e.00	e1.2	---	e.00	e.98	---	e.00
3	3.4	---	e.01	2.2	---	e.01	1.8	---	e.01	3	e1.3	---	e.00	e1.2	---	e.00	e.98	---	e.00
4	3.7	---	e.01	2.5	---	e.01	1.8	---	e.01	4	e1.3	---	e.00	e1.2	---	e.00	e.98	---	e.00
5	3.4	---	e.01	2.3	---	e.01	1.8	---	e.01	5	e1.3	---	e.00	e1.1	---	e.00	e.98	---	e.00
6	3.5	---	e.01	2.3	---	e.01	1.9	1.	e.01	6	e1.2	---	e.00	e1.1	---	e.00	e.98	---	e.00
7	3.4	---	e.01	2.3	---	e.01	1.9	---	e.00	7	e1.3	---	e.00	e1.0	---	e.00	e.98	---	e.00
8	3.2	---	e.01	2.3	---	e.01	1.8	---	e.00	8	e1.3	---	e.00	e1.1	---	e.00	e.98	---	e.00
9	3.2	---	e.01	2.4	---	e.01	1.9	---	e.00	9	e1.2	---	e.00	e1.0	---	e.00	e.98	---	e.00
10	3.2	1.	e.01	2.4	---	e.01	1.8	---	e.00	10	e1.2	---	e.00	e1.0	---	e.00	e.98	---	e.00
11	3.2	---	e.01	2.5	---	e.01	1.7	---	e.00	11	e1.1	---	e.00	e1.0	---	e.00	0.92	---	e.00
12	3.3	---	e.01	2.4	---	e.01	1.7	---	e.00	12	e1.1	---	e.00	e1.0	---	e.00	0.91	---	e.00
13	3.3	---	e.01	2.4	---	e.01	1.7	---	e.00	13	e1.1	---	e.00	1.2	---	e.00	0.87	2.	e.00
14	3.2	---	e.01	2.3	---	e.01	1.7	---	e.00	14	e1.1	---	e.00	1.2	---	e.00	0.84	---	e.00
15	3.1	---	e.01	2.2	---	e.01	1.6	---	e.00	15	e1.2	---	e.00	1.1	---	e.00	0.81	---	e.00
16	3.0	---	e.01	2.3	---	e.01	1.7	---	e.00	16	e1.2	---	e.00	1.1	---	e.00	0.82	---	e.00
17	2.9	---	e.01	2.2	---	e.01	e1.5	---	e.00	17	e1.2	---	e.00	0.99	---	e.00	0.85	---	e.00
18	2.8	---	e.01	2.2	---	e.01	e1.3	---	e.00	18	e1.0	---	e.00	0.99	---	e.00	0.86	---	e.00
19	2.8	---	e.01	2.2	---	e.01	e1.1	---	e.00	19	e1.1	---	e.00	0.99	---	e.00	0.85	---	e.00
20	2.8	---	e.01	2.1	---	e.01	e1.2	---	e.00	20	e1.1	---	e.00	0.99	---	e.00	0.88	---	e.00
21	2.7	---	e.01	2.1	---	e.01	e1.3	---	e.00	21	e1.1	---	e.00	1.0	---	e.00	0.92	---	e.00
22	2.8	---	e.01	2.1	---	e.01	e1.3	---	e.00	22	e1.1	---	e.00	0.96	---	e.00	0.86	---	e.00
23	2.9	---	e.01	2.1	---	e.01	e1.3	---	e.00	23	e1.1	---	e.00	0.92	---	e.00	0.87	---	e.00
24	2.8	---	e.01	2.1	---	e.01	e1.4	---	e.00	24	e1.1	1.	e.00	0.9	---	e.00	0.86	---	e.00
25	2.7	---	e.01	2.0	---	e.01	e1.3	---	e.00	25	e1.1	---	e.00	e.94	---	e.00	0.88	---	e.00
26	2.7	---	e.01	2.1	---	e.01	e1.2	---	e.00	26	e1.1	---	e.00	e.98	---	e.00	0.94	---	e.00
27	2.7	---	e.01	1.9	---	e.01	e1.2	---	e.00	27	e1.2	---	e.00	e.88	---	e.00	0.95	---	e.00
28	2.7	---	e.01	e1.7	---	e.01	e1.3	---	e.00	28	e1.2	---	e.00	e.90	---	e.00	0.89	---	e.00
29	2.6	---	e.01	e2.0	---	e.01	e1.3	---	e.00	29	e1.2	---	e.00	e.96	---	e.00	0.92	---	e.00
30	2.6	---	e.01	2.2	---	e.01	e1.4	---	e.00	30	e1.2	---	e.00	---	---	---	0.91	---	e.00
31	2.6	---	e.01	---	---	---	e1.3	---	e.00	31	e1.2	---	e.00	---	---	---	0.95	---	e.00

Table 34. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC5--Continued

[---, not computed; e, estimated]

Day	Water Year 1996									Day	Water Year 1996								
	April			May			June				July			August			September		
	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)		Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	1.1	---	e.00	2.0	3.	0.02	19.	5.	0.23	1	21.	2.	0.14	15.	7.	0.29	1.1	---	e.00
2	1.2	---	e.00	2.5	---	e.02	19.	3.	0.15	2	21.	2.	0.13	17.	7.	0.31	1.1	---	e.01
3	1.2	---	e.00	3.0	---	e.03	19.	5.	0.23	3	20.	3.	0.14	18.	7.	0.33	1.1	---	e.01
4	1.1	---	e.00	3.3	---	e.04	19.	7.	0.35	4	20.	4.	0.21	11.	5.	0.17	1.0	---	e.01
5	1.1	---	e.00	3.8	---	e.05	20.	6.	0.32	5	19.	2.	0.09	6.7	4.	0.08	1.0	---	e.01
6	1.1	---	e.00	3.8	4.	0.04	21.	9.	0.50	6	19.	2.	0.12	3.1	3.	0.02	1.2	---	e.01
7	1.1	---	e.00	4.0	5.	0.05	22.	14.	0.84	7	18.	2.	0.10	2.8	3.	0.02	1.3	---	e.01
8	1.7	---	e.01	4.4	5.	0.07	23.	17.	1.0	8	17.	2.	0.09	2.5	3.	0.02	1.1	---	e.01
9	2.3	---	e.02	4.7	6.	0.07	24.	17.	1.1	9	18.	5.	0.26	2.3	3.	0.02	1.1	---	e.01
10	2.2	---	e.02	5.0	5.	0.06	25.	12.	0.84	10	17.	4.	0.19	2.0	3.	0.02	1.1	---	e.02
11	1.7	---	e.01	5.3	5.	0.08	26.	---	e.94	11	16.	4.	0.15	1.9	3.	0.02	1.1	6.	0.02
12	1.4	---	e.00	5.9	12.	0.21	26.	22.	1.6	12	15.	6.	0.25	1.6	3.	0.02	1.3	7.	0.02
13	1.4	---	e.00	6.4	9.	0.16	27.	13.	0.93	13	15.	5.	0.21	1.4	3.	0.01	1.4	---	e.02
14	1.3	---	e.00	6.8	5.	0.09	27.	7.	0.51	14	14.	7.	0.29	1.3	2.	0.01	1.2	---	e.02
15	1.4	---	e.00	7.4	4.	0.07	29.	8.	0.62	15	14.	7.	0.27	1.3	2.	0.01	1.3	---	e.02
16	1.5	---	e.01	8.4	6.	0.14	27.	9.	0.70	16	13.	7.	0.24	1.3	2.	0.01	1.2	---	e.02
17	1.8	---	e.01	9.2	---	e.21	27.	10.	0.70	17	19.	5.	0.26	1.3	2.	0.01	1.2	---	e.01
18	1.5	---	e.01	9.8	---	e.22	27.	3.	0.25	18	28.	5.	0.38	1.3	2.	0.01	1.3	---	e.01
19	1.3	---	e.00	12.	---	e.37	27.	9.	0.62	19	27.	2.	0.18	1.2	2.	0.01	1.4	---	e.01
20	1.3	---	e.00	13.	---	e.42	26.	4.	0.29	20	26.	2.	0.14	1.2	---	e.01	1.4	---	e.01
21	1.2	---	e.00	14.	11.	0.41	27.	8.	0.56	21	26.	3.	0.18	1.7	4.	0.02	1.4	---	e.01
22	1.2	---	e.00	16.	---	e.38	27.	6.	0.47	22	26.	2.	0.17	1.8	6.	0.03	1.3	---	e.01
23	1.5	3.	e.01	18.	6.	0.28	26.	4.	0.29	23	24.	5.	0.31	1.8	6.	0.03	1.4	---	e.01
24	2.5	---	e.02	19.	---	e.26	25.	4.	0.24	24	23.	4.	0.24	1.6	---	e.02	2.2	---	e.02
25	2.4	---	e.02	21.	---	e.31	25.	2.	0.12	25	22.	2.	0.11	1.4	---	e.02	1.7	---	e.01
26	2.3	---	e.02	22.	---	e.39	24.	2.	0.12	26	21.	2.	0.11	1.3	---	e.02	1.8	---	e.01
27	2.0	---	e.02	22.	---	e.32	23.	3.	0.22	27	19.	3.	0.13	1.2	3.	0.01	1.7	---	e.01
28	1.6	---	e.01	22.	---	e.29	23.	2.	0.11	28	18.	4.	0.17	1.3	---	e.00	1.7	---	e.01
29	1.7	---	e.01	22.	6.	0.33	22.	3.	0.17	29	17.	4.	0.19	1.3	---	e.00	1.7	---	e.01
30	1.6	---	e.01	21.	5.	0.26	22.	3.	0.16	30	16.	5.	0.20	1.4	---	e.00	1.6	---	e.01
31	---	---	---	19.	4.	0.21	---	---	---	31	15.	6.	0.23	1.1	---	e.00	---	---	---

Table 34. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC5--Continued

[---, not computed; e, estimated]

Day	Water Year 1997									Water Year 1997								
	October			November			December			January			February			March		
	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	1.5	---	e.01	e1.1	---	e.01	e1.0	---	e.00	e1.1	---	e.00	e1.1	---	e.00	e.70	---	e.00
2	1.4	---	e.01	e1.1	---	e.01	e1.0	---	e.00	e1.1	---	e.00	e1.0	---	e.00	e.80	---	e.00
3	1.4	2.	e.01	e1.1	---	e.01	e1.0	---	e.00	e1.3	---	e.00	e.90	---	e.00	e.80	---	e.00
4	1.4	---	e.01	e1.1	---	e.01	e1.0	---	e.00	e1.3	---	e.00	e.90	---	e.00	e.80	---	e.00
5	1.4	---	e.01	e1.1	2.	e.01	e1.0	---	e.00	e1.2	---	e.00	e.90	---	e.00	e.80	---	e.00
6	1.4	---	e.01	e1.1	---	e.01	e1.0	---	e.00	e1.1	---	e.00	e.90	---	e.00	e.80	---	e.00
7	1.4	---	e.01	e1.1	---	e.01	e1.1	---	e.00	e1.0	---	e.00	e.80	---	e.00	e.80	---	e.00
8	1.3	---	e.01	e1.2	---	e.01	e1.2	---	e.00	e.90	---	e.00	e.70	---	e.00	e.80	---	e.00
9	1.3	---	e.01	e1.3	---	e.01	e1.2	0.	e.00	e.80	---	e.00	e.70	---	e.00	e.80	---	e.00
10	1.3	---	e.01	e1.3	---	e.01	e1.2	---	e.00	e.70	---	e.00	e.80	---	e.00	e.80	---	e.00
11	1.4	---	e.01	e1.4	---	e.01	e1.1	---	e.00	e.70	---	e.00	e.80	---	e.00	e.80	---	e.00
12	1.3	---	e.01	e1.4	---	e.01	e1.0	---	e.00	e.70	---	e.00	e.80	---	e.00	e.80	---	e.00
13	1.3	---	e.01	e1.3	---	e.01	e1.0	---	e.00	e.80	---	e.00	e.80	---	e.00	e.80	---	e.00
14	1.3	---	e.01	e1.3	---	e.01	e1.0	---	e.00	e.80	---	e.00	e.80	---	e.00	e.90	---	e.00
15	1.4	---	e.01	e1.2	---	e.01	e.90	---	e.00	e.90	---	e.00	e.90	---	e.00	e.90	---	e.00
16	1.5	---	e.01	e1.1	---	e.01	e.90	---	e.00	e1.0	---	e.00	e.90	---	e.00	e.90	---	e.00
17	1.6	---	e.01	e1.1	---	e.01	e.80	---	e.00	e1.0	---	e.00	e.90	---	e.00	e.90	---	e.00
18	e1.6	---	e.01	e1.1	---	e.01	e.80	---	e.00	e1.0	---	e.00	e.90	---	e.00	e.90	---	e.00
19	e1.6	---	e.01	e1.3	---	e.01	e.90	---	e.00	e1.0	---	e.00	e1.0	2.	e.00	e.90	---	e.00
20	e1.4	---	e.01	e1.4	---	e.01	e1.0	---	e.00	e1.0	---	e.00	e1.0	---	e.00	e.90	---	e.00
21	e1.2	---	e.01	e1.3	---	e.00	e1.0	---	e.00	e1.0	---	e.00	e.90	---	e.00	0.96	---	e.00
22	e1.3	---	e.01	e1.3	---	e.00	e1.0	---	e.00	e1.0	---	e.00	e.80	---	e.00	1.0	---	e.00
23	e1.3	---	e.01	e1.3	---	e.00	e.90	---	e.00	e1.0	---	e.00	e.70	---	e.00	1.2	---	e.00
24	e1.3	---	e.01	e1.2	---	e.00	e.90	---	e.00	e1.0	---	e.00	e.70	---	e.00	0.97	---	e.00
25	e1.3	---	e.01	e1.1	---	e.00	e1.0	---	e.00	e1.0	---	e.00	e.60	---	e.00	0.81	---	e.00
26	e1.3	---	e.01	e1.1	---	e.00	e1.0	---	e.00	e1.0	---	e.00	e.70	---	e.00	1.0	---	e.00
27	e1.3	---	e.01	e1.0	---	e.00	e1.1	---	e.00	e1.0	---	e.00	e.70	---	e.00	1.2	---	e.00
28	e1.2	---	e.01	e1.0	---	e.00	e1.1	---	e.00	e1.0	---	e.00	e.70	---	e.00	1.3	---	e.00
29	e1.2	---	e.01	e1.0	---	e.00	e1.1	---	e.00	e1.0	---	e.00	---	---	---	0.99	---	e.00
30	e1.2	---	e.01	e1.0	---	e.00	e1.1	---	e.00	e1.1	---	e.00	---	---	---	1.1	---	e.00
31	e1.1	---	e.01	---	---	---	e1.1	---	e.00	e1.2	---	e.00	---	---	---	1.1	---	e.00

Table 34. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC5--Continued

[---, not computed; e, estimated]

Day	Water Year 1997 April			Water Year 1997 May			Water Year 1997 June		
	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	0.95	---	e.00	2.0	---	e.00	23.	11.	0.67
2	e1.0	---	e.00	1.8	---	e.00	25.	13.	0.86
3	e1.0	---	e.00	2.1	---	e.01	26.	13.	0.93
4	1.0	---	e.00	2.9	---	e.02	27.	19.	1.4
5	e1.0	---	e.00	3.6	---	e.03	29.	20.	1.6
6	e1.0	---	e.00	3.9	---	e.03	31.	21.	1.8
7	e1.0	---	e.00	4.3	7.	0.10	33.	29.	2.6
8	e1.0	---	e.00	4.6	8.	0.10	34.	32.	3.0
9	e1.0	---	e.00	5.1	7.	0.10	36.	30.	2.9
10	e1.0	---	e.00	5.6	6.	0.10	36.	21.	2.0
11	e1.0	---	e.00	5.8	5.	0.07	36.	26.	2.5
12	e1.0	---	e.00	5.9	4.	0.06	35.	17.	1.6
13	e1.0	---	e.00	6.4	6.	0.11	36.	24.	2.3
14	e1.1	---	e.00	7.1	6.	0.12	36.	20.	1.9
15	e1.2	---	e.00	7.9	8.	0.18	34.	13.	1.2
16	e1.5	---	e.00	8.8	12.	0.28	34.	14.	1.3
17	e2.0	---	e.00	10.	17.	0.47	33.	13.	1.1
18	2.3	---	e.01	11.	13.	0.41	32.	10.	0.87
19	2.9	---	e.02	13.	17.	0.57	32.	12.	1.1
20	3.2	---	e.02	14.	12.	0.46	32.	16.	1.4
21	2.8	---	e.01	15.	18.	0.74	32.	31.	2.7
22	2.1	---	e.00	17.	20.	0.95	32.	24.	2.0
23	2.0	---	e.00	18.	29.	1.5	32.	17.	1.5
24	1.9	---	e.00	19.	17.	0.89	31.	14.	1.2
25	1.7	---	e.00	19.	14.	0.71	30.	14.	1.1
26	1.5	---	e.00	20.	11.	0.56	29.	17.	1.3
27	2.0	---	e.00	20.	8.	0.41	27.	9.	0.68
28	2.2	---	e.00	20.	7.	0.37	26.	9.	0.61
29	2.4	---	e.01	22.	18.	1.1	25.	9.	0.58
30	2.2	0.	e.00	22.	10.	0.61	24.	11.	0.69
31	---	---	---	22.	8.	0.48	---	---	---

Day	Water Year 1997 July			Water Year 1997 August			Water Year 1997 September		
	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	23.	7.	0.41	4.8	---	e.06	4.1	9.	0.09
2	23.	6.	0.38	4.5	---	e.06	4.0	8.	0.09
3	22.	6.	0.36	4.0	---	e.05	4.6	15.	0.23
4	21.	6.	0.35	4.1	---	e.05	4.8	---	e.10
5	21.	6.	0.32	4.2	---	e.12	4.2	---	e.06
6	20.	5.	0.27	4.1	---	e.09	4.1	4.	0.05
7	19.	5.	0.25	4.9	---	e.13	4.0	---	e.04
8	19.	5.	0.25	4.0	---	e.05	3.8	---	e.03
9	18.	12.	0.56	4.9	---	e.24	3.8	---	e.03
10	18.	25.	1.3	6.7	---	e.37	3.9	---	e.03
11	30.	24.	1.9	5.0	---	e.09	3.7	4.	0.04
12	30.	13.	1.0	4.7	---	e.06	3.6	5.	0.05
13	29.	13.	0.98	4.5	---	e.06	3.4	3.	0.03
14	27.	10.	0.75	4.5	3.	0.03	3.4	---	e.03
15	26.	9.	0.61	4.4	---	e.04	3.3	---	e.03
16	24.	8.	0.51	4.4	---	e.05	3.4	---	e.03
17	26.	15.	1.0	4.6	---	e.10	3.2	---	e.02
18	28.	8.	0.60	4.8	---	e.17	3.1	---	e.02
19	26.	7.	0.48	4.5	---	e.13	3.0	---	e.02
20	24.	6.	0.40	4.2	15.	0.16	3.7	---	e.04
21	23.	---	e.38	4.3	13.	0.15	3.4	---	e.03
22	23.	---	e.37	4.2	14.	0.16	3.5	---	e.03
23	22.	---	e.35	4.2	15.	0.17	3.3	---	e.03
24	20.	---	e.33	4.2	13.	0.14	3.2	---	e.02
25	20.	---	e.32	4.3	12.	0.14	3.1	---	e.02
26	20.	---	e.32	4.4	8.	0.10	3.0	---	e.02
27	19.	---	e.31	4.5	14.	0.17	2.9	---	e.01
28	19.	---	e.36	4.5	12.	0.14	2.9	---	e.01
29	6.9	13.	0.26	4.2	11.	0.13	2.8	2.	e.01
30	7.0	---	e.30	4.2	12.	0.13	2.7	---	e.01
31	5.2	---	e.07	4.1	12.	0.13	---	---	---

Table 35. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC11

[---, not computed; e, estimated]

Water Year 1995										Water Year 1995									
	October			November			December				January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	21.	---	e.72	20.	---	e.72	14.	---	e.72	1	12.	---	e.18	7.6	---	e.18	11.	---	e.33
2	20.	---	e.72	18.	---	e.72	14.	21.	e.70	2	12.	---	e.18	7.8	---	e.18	11.	---	e.33
3	19.	---	e.72	18.	---	e.72	14.	---	e.68	3	11.	---	e.18	8.0	---	e.18	10.	---	e.33
4	20.	---	e.72	20.	---	e.72	14.	---	e.65	4	11.	---	e.18	8.0	---	e.18	10.	---	e.33
5	22.	---	e.72	25.	---	e.72	15.	---	e.62	5	11.	---	e.18	8.0	---	e.18	10.	---	e.33
6	21.	---	e.72	23.	---	e.72	15.	---	e.60	6	11.	6.	e.18	7.8	---	e.18	10.	---	e.33
7	20.	---	e.72	19.	---	e.72	15.	---	e.58	7	12.	---	e.18	7.4	---	e.18	10.	---	e.33
8	22.	---	e.72	17.	---	e.72	16.	---	e.56	8	13.	---	e.18	7.8	---	e.18	10.	---	e.33
9	21.	---	e.72	14.	---	e.72	14.	---	e.54	9	12.	---	e.18	8.0	---	e.18	10.	---	e.33
10	21.	---	e.72	13.	---	e.72	13.	---	e.52	10	11.	---	e.18	8.0	---	e.18	11.	11.	e.33
11	20.	---	e.72	14.	---	e.72	12.	---	e.50	11	10.	---	e.18	7.6	---	e.18	11.	---	e.33
12	19.	---	e.72	15.	---	e.72	11.	---	e.48	12	10.	---	e.18	7.4	---	e.18	10.	---	e.33
13	19.	---	e.72	15.	---	e.72	12.	---	e.46	13	10.	---	e.18	7.4	---	e.18	9.6	---	e.33
14	18.	---	e.72	16.	---	e.72	14.	---	e.44	14	11.	---	e.18	7.6	---	e.18	10.	---	e.33
15	20.	---	e.72	15.	---	e.72	13.	---	e.42	15	11.	---	e.18	7.8	---	e.18	12.	---	e.33
16	20.	---	e.72	14.	---	e.72	11.	---	e.40	16	10.	---	e.18	8.0	---	e.18	13.	---	e.33
17	20.	---	e.72	14.	---	e.72	12.	---	e.38	17	9.6	---	e.18	8.2	---	e.18	12.	---	e.33
18	20.	1.	e.72	14.	---	e.72	13.	---	e.36	18	8.6	---	e.18	8.2	---	e.18	12.	---	e.33
19	21.	---	e.72	13.	---	e.72	13.	---	e.34	19	8.4	---	e.18	8.4	---	e.18	12.	---	e.33
20	19.	---	e.72	12.	---	e.72	13.	---	e.32	20	8.4	---	e.18	8.6	---	e.18	10.	---	e.33
21	20.	---	e.72	12.	---	e.72	14.	---	e.30	21	8.2	---	e.18	9.4	---	e.22	12.	---	e.33
22	20.	---	e.72	11.	---	e.72	14.	---	e.28	22	8.2	---	e.18	9.8	---	e.27	13.	---	e.33
23	19.	---	e.72	12.	---	e.72	14.	---	e.26	23	8.0	---	e.18	10.	---	e.33	13.	---	e.33
24	19.	---	e.72	13.	---	e.72	14.	---	e.24	24	7.8	---	e.18	11.	---	e.33	12.	---	e.33
25	18.	---	e.72	14.	---	e.72	13.	---	e.22	25	7.6	---	e.18	10.	---	e.33	12.	---	e.33
26	18.	---	e.72	17.	---	e.72	13.	---	e.20	26	8.0	---	e.18	10.	---	e.33	11.	---	e.33
27	19.	---	e.72	16.	---	e.72	13.	---	e.20	27	7.8	---	e.18	10.	---	e.33	12.	---	e.33
28	18.	---	e.72	15.	---	e.72	12.	---	e.20	28	7.8	---	e.18	11.	---	e.33	13.	---	e.33
29	18.	---	e.72	14.	---	e.72	12.	---	e.19	29	7.6	---	e.18	---	---	---	13.	---	e.33
30	19.	---	e.72	13.	---	e.72	13.	---	e.19	30	7.4	---	e.18	---	---	---	12.	---	e.33
31	18.	---	e.72	---	---	---	13.	---	e.19	31	7.6	---	e.18	---	---	---	12.	---	e.33

Table 35. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC11--Continued

[---, not computed; e, estimated]

Day	Water Year 1995								
	April			May			June		
	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	11.	---	e.33	17.	6.	0.30	67.	---	e13.
2	12.	---	e.33	19.	7.	0.39	82.	---	e15.
3	13.	---	e.33	19.	9.	0.45	96.	---	e10.
4	14.	---	e.33	18.	9.	0.46	101.	---	e8.9
5	15.	---	e.33	20.	6.	0.31	130.	---	e18.
6	16.	---	e.33	20.	8.	0.44	153.	---	e29.
7	16.	---	e.33	20.	6.	0.31	155.	---	e27.
8	17.	---	e.33	18.	4.	0.20	154.	76.	32.
9	15.	---	e.33	18.	4.	0.18	149.	71.	28.
10	13.	---	e.33	19.	6.	0.34	127.	40.	14.
11	11.	---	e.26	22.	10.	0.58	134.	43.	17.
12	10.	7.	e.19	22.	9.	0.58	188.	171.	103.
13	11.	---	e.19	22.	8.	0.48	311.	307.	265.
14	12.	---	e.19	27.	15.	1.5	411.	592.	699.
15	10.	---	e.19	39.	35.	4.5	558.	628.	947.
16	10.	---	e.19	41.	---	e3.4	646.	565.	1120.
17	9.8	---	e.19	35.	---	e2.7	746.	928.	2070.
18	9.6	---	e.19	34.	---	e2.8	746.	---	e1850.
19	10.	---	e.19	41.	---	e5.3	717.	352.	723.
20	9.4	---	e.19	43.	---	e6.1	716.	---	e777.
21	9.0	---	e.19	46.	53.	7.2	711.	307.	601.
22	8.6	---	e.19	53.	---	e9.3	677.	224.	422.
23	9.0	---	e.19	58.	---	e7.5	593.	123.	203.
24	9.8	---	e.19	51.	---	e6.4	521.	67.	94.
25	11.	---	e.21	48.	---	e4.2	474.	39.	50.
26	12.	---	e.25	48.	---	e6.4	477.	31.	41.
27	15.	3.	0.15	52.	---	e9.3	514.	48.	69.
28	18.	7.	0.36	49.	---	e5.4	522.	---	e126.
29	19.	11.	0.55	53.	---	e8.3	492.	42.	56.
30	18.	10.	0.51	56.	---	e11.	439.	30.	35.
31	---	---	---	59.	---	e14.	---	---	---

Day	Water Year 1995								
	July			August			September		
	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	389.	30.	32.	165.	7.	3.0	70.	8.	1.4
2	347.	21.	20.	151.	6.	2.5	66.	8.	1.3
3	335.	32.	29.	147.	8.	3.2	60.	7.	1.2
4	301.	22.	17.	146.	10.	4.0	57.	---	e.88
5	272.	62.	47.	135.	8.	3.1	56.	5.	0.77
6	298.	57.	50.	128.	7.	2.3	58.	7.	1.0
7	342.	87.	82.	123.	5.	1.7	58.	7.	1.1
8	388.	73.	78.	121.	5.	1.6	59.	9.	1.4
9	413.	89.	103.	118.	6.	1.9	60.	9.	1.5
10	435.	44.	54.	113.	20.	5.9	56.	8.	1.2
11	447.	30.	38.	109.	9.	2.6	54.	10.	1.4
12	443.	21.	25.	110.	5.	1.6	50.	6.	0.85
13	416.	25.	29.	114.	6.	2.0	47.	6.	0.73
14	431.	14.	17.	110.	4.	1.2	46.	6.	0.77
15	375.	13.	13.	100.	3.	0.67	45.	5.	0.60
16	343.	13.	12.	91.	2.	0.60	42.	5.	0.57
17	327.	13.	11.	87.	6.	1.4	41.	5.	0.56
18	330.	7.	6.2	86.	9.	2.2	44.	8.	0.92
19	306.	7.	5.8	88.	9.	2.1	43.	7.	0.78
20	294.	6.	5.1	83.	7.	1.6	44.	8.	0.91
21	270.	9.	6.3	101.	---	e3.1	50.	---	e1.2
22	245.	8.	5.6	118.	9.	3.1	46.	18.	2.2
23	230.	7.	4.2	109.	8.	2.2	44.	5.	0.61
24	217.	5.	3.2	102.	9.	2.6	44.	3.	0.40
25	208.	5.	2.6	96.	11.	2.9	42.	2.	0.38
26	201.	4.	2.3	95.	9.	2.3	42.	---	e.38
27	189.	7.	3.4	86.	---	e2.0	41.	---	e.38
28	179.	12.	5.8	87.	---	e2.9	40.	---	e.38
29	172.	6.	2.9	85.	---	e3.1	42.	---	e.38
30	176.	15.	8.7	77.	---	e1.8	40.	---	e.38
31	199.	25.	14.	72.	7.	1.4	---	---	---

Table 35. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC11--Continued

[---, not computed; e, estimated]

	Water Year 1996									Water Year 1996								
	October			November			December			January			February			March		
Day	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Day	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)
1	38.	---	e.44	25.	---	e.44	e20.	---	e.34	1	e14.	---	e.23	e13.	---	e.23	e13.	---	e.23
2	37.	---	e.44	e21.	---	e.44	e21.	---	e.34	2	e14.	---	e.23	e13.	---	e.23	e13.	---	e.23
3	35.	---	e.44	e17.	---	e.44	e28.	---	e.34	3	e14.	---	e.23	e13.	---	e.23	e13.	---	e.23
4	37.	---	e.44	e20.	---	e.43	e23.	---	e.34	4	e14.	---	e.23	e13.	---	e.23	e13.	---	e.23
5	35.	---	e.44	e20.	---	e.43	e17.	---	e.34	5	e14.	---	e.23	e12.	---	e.23	e13.	---	e.24
6	36.	---	e.44	e20.	---	e.42	e18.	7.	e.34	6	e13.	---	e.23	e12.	---	e.23	e13.	---	e.24
7	36.	---	e.44	e21.	---	e.42	e19.	---	e.34	7	e14.	---	e.23	e11.	---	e.23	e13.	---	e.24
8	36.	---	e.44	e21.	---	e.42	e22.	---	e.33	8	e14.	---	e.23	e12.	---	e.23	e13.	---	e.24
9	34.	---	e.44	e22.	---	e.41	e28.	---	e.32	9	e13.	---	e.23	e11.	---	e.23	e13.	---	e.24
10	33.	5.	e.44	e21.	---	e.41	e27.	---	e.32	10	e13.	---	e.23	e11.	---	e.23	e13.	---	e.25
11	33.	---	e.44	e20.	---	e.40	e26.	---	e.31	11	e12.	---	e.23	e11.	---	e.23	e12.	---	e.25
12	32.	---	e.44	e24.	---	e.40	e24.	---	e.30	12	e12.	---	e.23	e11.	---	e.23	e12.	---	e.25
13	34.	---	e.44	e24.	---	e.40	e17.	---	e.29	13	e12.	---	e.23	e12.	---	e.23	e12.	8.	e.26
14	31.	---	e.44	23.	---	e.39	e18.	---	e.28	14	e12.	---	e.23	e12.	---	e.23	e12.	---	e.26
15	31.	---	e.44	22.	---	e.39	e20.	---	e.27	15	e13.	---	e.23	e12.	---	e.23	e12.	---	e.26
16	31.	---	e.44	22.	---	e.38	e25.	---	e.27	16	e13.	---	e.23	e11.	---	e.23	e12.	---	e.26
17	29.	---	e.44	22.	---	e.38	e21.	---	e.26	17	e13.	---	e.23	e12.	---	e.23	e12.	---	e.26
18	28.	---	e.44	21.	---	e.38	e16.	---	e.24	18	e11.	---	e.23	e12.	---	e.23	e12.	---	e.26
19	27.	---	e.44	21.	---	e.37	e12.	---	e.23	19	e12.	---	e.23	e11.	---	e.23	e11.	---	e.26
20	26.	---	e.44	21.	---	e.37	e13.	---	e.23	20	e12.	---	e.23	e12.	---	e.23	e12.	---	e.26
21	27.	---	e.44	21.	---	e.36	e14.	---	e.23	21	e12.	---	e.23	e12.	---	e.23	e13.	---	e.26
22	27.	---	e.44	20.	---	e.36	e14.	---	e.23	22	e12.	---	e.23	e12.	---	e.23	e14.	---	e.26
23	e21.	---	e.44	20.	---	e.36	e14.	---	e.23	23	e12.	---	e.23	e11.	---	e.23	e14.	---	e.26
24	e25.	---	e.44	20.	---	e.35	e15.	---	e.23	24	e12.	7.	e.23	e10.	---	e.23	e13.	---	e.26
25	e26.	---	e.44	20.	---	e.35	e14.	---	e.23	25	e12.	---	e.23	e11.	---	e.23	e14.	---	e.26
26	26.	---	e.44	20.	---	e.35	e13.	---	e.23	26	e12.	---	e.23	e12.	---	e.23	e14.	---	e.26
27	26.	---	e.44	18.	---	e.34	e13.	---	e.23	27	e13.	---	e.23	e11.	---	e.23	e14.	---	e.26
28	25.	---	e.44	e16.	---	e.34	e14.	---	e.23	28	e13.	---	e.23	e12.	---	e.23	e12.	---	e.26
29	26.	---	e.44	e18.	---	e.34	e14.	---	e.23	29	e13.	---	e.23	e12.	---	e.23	e13.	---	e.26
30	25.	---	e.44	e20.	---	e.34	e15.	---	e.23	30	e13.	---	e.23	---	---	---	e16.	---	e.26
31	25.	---	e.44	---	---	---	e14.	---	e.23	31	e13.	---	e.23	---	---	---	e15.	---	e.26

Table 35. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC11--Continued

[---, not computed; e, estimated]

	Water Year 1996										Water Year 1996								
	April			May			June				July			Aupust			September		
Day	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Day	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/a)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)	Mean dis-charge (ft^3/s)	Mean concen-tration (mg/L)	Sedi-ment dis-charge (T/d)
1	e16.	---	e.26	22.	---	e.30	144.	17.	6.7	1	179.	3.	1.5	56.	6.	0.98	23.	8.	0.50
2	e18.	---	e.26	28.	6.	e.43	146.	11.	4.5	2	170.	3.	1.5	57.	7.	1.1	22.	9.	0.53
3	e18.	---	e.26	32.	---	e.70	161.	12.	5.3	3	164.	2.	0.95	60.	7.	1.1	22.	8.	0.46
4	e16.	---	e.26	39.	---	e1.1	182.	10.	4.9	4	165.	4.	1.8	53.	8.	1.1	21.	6.	0.37
5	e15.	---	e.26	47.	---	e1.7	210.	27.	15.	5	169.	3.	1.5	44.	8.	0.95	21.	8.	0.44
6	e16.	---	e.26	53.	---	e2.2	242.	21.	13.	6	160.	3.	1.2	37.	7.	0.71	28.	17.	1.3
7	e17.	---	e.26	58.	16.	2.7	235.	16.	10.	7	149.	4.	1.7	37.	6.	0.65	29.	12.	0.95
8	e20.	---	e.26	70.	26.	5.6	242.	17.	11.	8	140.	6.	2.2	38.	6.	0.66	24.	8.	0.53
9	e22.	---	e.26	84.	26.	6.2	257.	20.	14.	9	134.	3.	1.3	36.	6.	0.63	22.	8.	0.48
10	e24.	---	e.26	93.	18.	4.7	269.	20.	15.	10	143.	7.	2.7	33.	6.	0.53	23.	7.	0.43
11	25.	---	e.26	103.	29.	9.6	263.	13.	9.4	11	123.	3.	1.2	31.	6.	0.50	22.	7.	0.43
12	20.	---	e.26	133.	40.	16.	262.	10.	7.0	12	117.	4.	1.2	30.	6.	0.52	25.	17.	1.2
13	19.	---	e.26	147.	35.	14.	255.	9.	6.2	13	111.	5.	1.5	28.	7.	0.53	29.	15.	1.3
14	17.	---	e.26	157.	18.	8.1	254.	10.	6.7	14	104.	4.	1.1	28.	7.	0.53	26.	9.	0.60
15	17.	---	e.26	169.	28.	15.	266.	15.	12.	15	99.	3.	0.93	28.	7.	0.53	28.	9.	0.72
16	20.	---	e.26	210.	40.	25.	258.	15.	10.	16	96.	4.	1.2	27.	7.	0.52	25.	8.	0.53
17	22.	---	e.26	238.	50.	32.	245.	10.	6.8	17	96.	5.	1.3	27.	7.	0.54	24.	6.	0.40
18	21.	---	e.26	236.	22.	14.	241.	7.	4.4	18	113.	6.	1.9	27.	7.	0.54	25.	8.	0.52
19	18.	---	e.26	257.	16.	12.	231.	5.	3.2	19	110.	4.	1.3	27.	22.	1.8	28.	---	e.73
20	17.	---	e.26	238.	12.	8.2	230.	5.	3.2	20	101.	3.	0.82	27.	7.	0.54	28.	---	e.68
21	16.	---	e.26	197.	13.	6.7	243.	3.	2.2	21	94.	3.	0.88	28.	15.	1.2	27.	---	e.66
22	16.	6.	e.26	215.	11.	6.5	282.	4.	3.3	22	89.	6.	1.5	34.	11.	1.0	28.	---	e.73
23	17.	---	e.26	225.	14.	8.3	243.	4.	2.8	23	85.	5.	1.1	34.	12.	1.1	29.	---	e.78
24	26.	---	e.26	202.	10.	5.3	223.	5.	2.9	24	81.	2.	0.44	33.	11.	0.94	38.	---	e1.5
25	30.	---	e.26	191.	7.	3.6	212.	5.	2.8	25	79.	4.	0.88	28.	---	e.73	35.	---	e1.2
26	26.	---	e.26	178.	9.	4.1	204.	4.	2.0	26	75.	3.	0.71	26.	9.	0.63	33.	---	e1.0
27	27.	---	e.26	160.	7.	3.2	213.	5.	2.9	27	71.	4.	0.83	27.	10.	0.77	29.	---	e.78
28	21.	---	e.26	156.	8.	3.2	204.	7.	3.8	28	69.	5.	1.0	31.	9.	0.77	30.	---	e.80
29	21.	---	e.26	161.	9.	3.9	193.	7.	3.4	29	72.	4.	0.87	29.	7.	0.54	32.	---	e.95
30	20.	---	e.26	158.	10.	4.4	184.	2.	1.2	30	66.	4.	0.71	26.	7.	0.49	31.	---	e.93
31	---	---	---	147.	8.	3.4	---	---	---	31	61.	5.	0.80	24.	8.	0.51	---	---	---

Table 35. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC11--Continued

[---, not computed; e, estimated]

	Water Year 1997									Water Year 1997								
	October			November			December			January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	29.	---	e.42	22.	---	e.42	e19.	---	e.42	1	e18.	---	e.42	e12.	---	e.33	e12.	---	e.33
2	28.	---	e.42	22.	---	e.42	e19.	---	e.42	2	e18.	---	e.42	e12.	---	e.33	e13.	---	e.33
3	27.	6.	e.42	22.	---	e.42	e19.	---	e.42	3	e19.	---	e.42	e12.	---	e.33	e14.	---	e.33
4	27.	---	e.42	22.	---	e.42	e19.	---	e.42	4	e18.	---	e.41	e12.	---	e.33	e13.	---	e.33
5	26.	---	e.42	22.	7.	e.42	e18.	---	e.42	5	e17.	---	e.41	e12.	---	e.33	e13.	---	e.33
6	25.	---	e.42	21.	---	e.42	e18.	---	e.42	6	e16.	---	e.40	e12.	---	e.33	e14.	---	e.33
7	25.	---	e.42	23.	---	e.42	e18.	---	e.42	7	e16.	---	e.40	e12.	---	e.33	e15.	---	e.33
8	24.	---	e.42	32.	---	e.42	e18.	---	e.42	8	e16.	---	e.40	e12.	---	e.33	e15.	---	e.33
9	24.	---	e.42	30.	---	e.42	e19.	---	e.42	9	e16.	---	e.39	e12.	---	e.33	e15.	---	e.33
10	24.	---	e.42	26.	---	e.42	e20.	---	e.42	10	e15.	---	e.39	e12.	---	e.33	e15.	---	e.33
11	24.	---	e.42	25.	---	e.42	e20.	---	e.42	11	e14.	---	e.38	e12.	---	e.33	e16.	---	e.34
12	24.	---	e.42	23.	---	e.42	e20.	8.	e.42	12	e14.	---	e.38	e12.	---	e.33	e17.	---	e.34
13	24.	---	e.42	20.	---	e.42	e19.	---	e.42	13	e14.	---	e.37	e12.	---	e.33	e16.	---	e.34
14	24.	---	e.42	20.	---	e.42	e18.	---	e.42	14	e13.	---	e.36	e12.	---	e.33	e16.	---	e.34
15	23.	---	e.42	20.	---	e.42	e18.	---	e.42	15	e13.	---	e.36	e12.	---	e.33	e16.	---	e.34
16	24.	---	e.42	e18.	---	e.42	e18.	---	e.42	16	e13.	---	e.35	e13.	---	e.33	e18.	---	e.35
17	22.	---	e.42	e18.	---	e.42	e17.	---	e.42	17	e12.	---	e.35	e13.	---	e.33	e19.	---	e.35
18	25.	---	e.42	e18.	---	e.42	e17.	---	e.42	18	e12.	---	e.35	e13.	---	e.33	e18.	---	e.35
19	27.	---	e.42	e18.	---	e.42	e17.	---	e.42	19	e12.	---	e.34	e12.	10.	e.33	e18.	---	e.35
20	26.	---	e.42	17.	---	e.42	e17.	---	e.42	20	e13.	---	e.34	e12.	---	e.33	e18.	---	e.35
21	e20.	---	e.42	17.	---	e.42	e16.	---	e.42	21	e12.	---	e.33	e11.	---	e.33	e19.	---	e.35
22	29.	---	e.42	18.	---	e.42	e16.	---	e.42	22	e12.	---	e.33	e11.	---	e.33	18.	---	e.35
23	27.	---	e.42	20.	---	e.42	e16.	---	e.42	23	e12.	---	e.33	e11.	---	e.33	20.	---	e.35
24	23.	---	e.42	19.	---	e.42	e16.	---	e.42	24	e12.	---	e.33	e12.	---	e.33	19.	---	e.35
25	23.	---	e.42	e21.	---	e.42	e16.	---	e.42	25	e12.	---	e.33	e12.	---	e.33	e17.	---	e.35
26	22.	---	e.42	e20.	---	e.42	e16.	---	e.42	26	e12.	---	e.33	e12.	---	e.33	e17.	---	e.35
27	23.	---	e.42	e20.	---	e.42	e16.	---	e.42	27	e12.	---	e.33	e13.	---	e.33	19.	---	e.35
28	23.	---	e.42	e20.	---	e.42	e17.	---	e.42	28	e12.	---	e.33	e12.	---	e.33	18.	---	e.35
29	22.	---	e.42	e20.	---	e.42	e17.	---	e.42	29	e12.	---	e.33	---	---	---	18.	---	e.35
30	23.	---	e.42	e20.	---	e.42	e17.	---	e.42	30	e12.	---	e.33	---	---	---	17.	---	e.35
31	22.	---	e.42	---	---	---	e17.	---	e.42	31	e13.	---	e.33	---	---	---	18.	---	e.35

Table 35. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site GC11--Continued

[---, not computed; e, estimated]

	Water Year 1997									Water Year 1997								
	April			May			June			July			August			September		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sedi-ment dis-charge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	18.	---	e.35	24.	6.	e.36	273.	34.	27.	1	202.	25.	14.	104.	12.	3.4	51.	8.	1.1
2	e16.	---	e.35	23.	8.	e.36	306.	---	e32.	2	188.	16.	8.3	103.	11.	3.1	51.	6.	0.85
3	e21.	---	e.35	23.	10.	e.36	313.	36.	31.	3	180.	20.	9.8	93.	32.	8.6	51.	17.	2.5
4	19.	---	e.35	27.	12.	e.65	346.	47.	48.	4	173.	22.	10.	110.	28.	8.7	53.	18.	2.7
5	16.	---	e.35	36.	15.	e1.2	371.	49.	51.	5	167.	26.	12.	112.	19.	5.5	47.	11.	1.3
6	e19.	---	e.35	42.	19.	e1.6	340.	47.	44.	6	155.	22.	9.2	112.	14.	4.4	45.	10.	1.2
7	e22.	---	e.35	51.	20.	2.9	438.	82.	98.	7	150.	27.	11.	126.	15.	5.0	44.	6.	0.72
8	e16.	---	e.35	57.	21.	3.2	430.	72.	86.	8	156.	26.	11.	109.	16.	4.7	41.	10.	1.1
9	e16.	---	e.35	65.	24.	4.4	389.	55.	59.	9	146.	29.	11.	110.	51.	15.	40.	8.	0.85
10	e14.	---	e.35	79.	34.	7.5	347.	41.	38.	10	140.	28.	10.	162.	32.	14.	40.	6.	0.68
11	e14.	---	e.35	93.	33.	8.4	340.	31.	29.	11	148.	22.	8.9	132.	21.	7.6	40.	7.	0.71
12	e14.	---	e.35	88.	18.	4.4	323.	31.	27.	12	140.	21.	7.9	119.	15.	4.7	39.	17.	1.7
13	e14.	---	e.35	93.	20.	5.4	353.	45.	43.	13	132.	20.	7.2	110.	14.	4.0	37.	18.	1.8
14	e14.	---	e.35	106.	32.	9.3	354.	42.	40.	14	127.	21.	7.3	102.	13.	3.6	36.	---	e.90
15	e14.	---	e.35	122.	30.	10.	332.	---	e37.	15	124.	18.	6.2	92.	13.	3.2	36.	---	e.90
16	e16.	---	e.35	152.	52.	22.	324.	---	e35.	16	122.	12.	3.9	85.	11.	2.6	37.	---	e.94
17	23.	---	e.47	185.	70.	36.	326.	41.	36.	17	120.	11.	3.5	82.	11.	2.4	35.	---	e.86
18	28.	---	e.70	196.	55.	30.	341.	27.	26.	18	123.	12.	4.0	85.	6.	1.5	34.	---	e.82
19	32.	---	e.90	205.	39.	23.	385.	32.	36.	19	123.	13.	4.3	75.	8.	1.6	34.	---	e.82
20	37.	---	e1.2	197.	21.	11.	391.	44.	48.	20	117.	15.	4.6	70.	9.	1.7	41.	---	e1.1
21	42.	---	e1.6	185.	23.	12.	349.	21.	21.	21	111.	---	e4.5	68.	7.	1.3	39.	---	e1.0
22	31.	---	e.50	209.	37.	21.	334.	17.	15.	22	108.	---	e4.4	65.	10.	1.8	40.	---	e1.0
23	29.	---	e.36	195.	18.	9.7	326.	18.	16.	23	103.	---	e4.2	60.	14.	2.3	37.	---	e.94
24	26.	---	e.36	210.	22.	12.	305.	16.	13.	24	103.	---	e4.1	60.	13.	2.1	35.	---	e.86
25	25.	---	e.36	194.	13.	7.0	270.	17.	13.	25	100.	---	e3.8	67.	31.	6.0	33.	---	e.78
26	23.	---	e.36	185.	6.	3.3	258.	15.	10.	26	96.	---	e3.3	65.	23.	4.1	33.	---	e.78
27	25.	---	e.36	163.	4.	1.8	249.	16.	11.	27	100.	16.	4.2	63.	15.	2.5	32.	---	e.72
28	29.	---	e.36	156.	4.	1.6	228.	18.	11.	28	114.	---	e18.	66.	10.	1.8	31.	---	e.70
29	27.	---	e.36	171.	8.	3.9	219.	21.	12.	29	99.	28.	7.9	56.	10.	1.5	30.	8.	e.66
30	25.	5.	e.36	185.	11.	5.8	209.	29.	17.	30	113.	26.	8.3	54.	14.	2.1	29.	---	e.62
31	---	---	---	222.	21.	14.	---	---	---	31	106.	14.	4.1	52.	15.	2.1	---	---	---

Table 36. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site DC1

[---, not computed; e, estimated]

	Water Year 1996									Water Year 1996									
	October			November			December			January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e8.6	---	e.01	e5.9	---	e.01	e4.0	---	e.01	1	e3.3	---	e.01	e2.9	---	e.01	e3.1	---	e.01
2	e8.6	---	e.01	e6.1	---	e.01	e4.2	---	e.01	2	e3.3	---	e.01	e2.6	---	e.01	e3.0	---	e.01
3	e8.5	---	e.01	e5.8	---	e.01	e4.2	---	e.01	3	e3.3	---	e.01	e2.8	---	e.01	e3.0	---	e.01
4	e8.7	---	e.01	e4.8	---	e.01	e4.2	---	e.01	4	e3.3	---	e.01	e2.8	---	e.01	e2.9	---	e.01
5	e8.3	---	e.01	e5.3	---	e.01	e4.4	---	e.01	5	e3.3	---	e.01	e3.0	---	e.01	e2.9	---	e.01
6	e8.8	---	e.01	e5.5	---	e.01	e4.5	---	e.01	6	e3.2	---	e.01	e2.7	---	e.01	e2.9	---	e.01
7	e8.3	---	e.01	e5.0	---	e.01	e4.6	---	e.01	7	e3.2	---	e.01	e2.6	---	e.01	e2.9	---	e.01
8	e8.1	---	e.01	e5.3	---	e.01	e4.4	---	e.01	8	e3.2	---	e.01	e2.5	---	e.01	e2.9	---	e.01
9	e8.0	---	e.01	e5.1	---	e.01	e4.8	---	e.01	9	e3.2	---	e.01	e2.6	---	e.01	e3.0	---	e.01
10	e7.8	---	e.01	e5.0	---	e.01	e4.7	---	e.01	10	e3.2	---	e.01	e2.6	---	e.01	e3.0	---	e.01
11	e7.7	---	e.01	e5.2	---	e.01	e4.6	---	e.01	11	e3.1	---	e.01	e2.6	---	e.01	e3.0	---	e.01
12	e7.7	---	e.01	e5.2	---	e.01	e4.4	---	e.01	12	e3.1	---	e.01	e2.6	---	e.01	e3.0	---	e.01
13	e7.7	---	e.01	e5.0	---	e.01	e4.3	---	e.01	13	e3.1	---	e.01	e2.6	---	e.01	e3.0	1.	e.01
14	e7.6	---	e.01	e4.9	---	e.01	e4.2	---	e.01	14	e3.2	---	e.01	e2.6	---	e.01	e3.1	---	e.01
15	e7.6	---	e.01	e4.9	---	e.01	e4.0	---	e.01	15	e3.1	---	e.01	e2.6	---	e.01	e3.0	---	e.01
16	e7.5	---	e.01	e4.9	---	e.01	e4.2	---	e.01	16	e3.1	---	e.01	e2.6	---	e.01	e3.2	---	e.01
17	e7.3	---	e.01	e4.9	---	e.01	e4.0	---	e.01	17	e3.1	---	e.01	e2.6	---	e.01	e3.0	---	e.01
18	e7.2	---	e.01	e4.8	---	e.01	e3.7	---	e.01	18	e3.0	---	e.01	e2.8	---	e.01	e2.9	---	e.01
19	e7.1	---	e.01	e4.8	---	e.01	e3.7	---	e.01	19	e3.0	---	e.01	e2.7	---	e.01	e2.9	---	e.01
20	e7.1	---	e.01	e4.7	---	e.01	e3.7	---	e.01	20	e3.0	---	e.01	e2.7	---	e.01	e3.0	---	e.01
21	e6.9	---	e.01	e4.7	---	e.01	e3.7	---	e.01	21	e2.9	---	e.01	e2.8	---	e.01	e3.0	---	e.01
22	e6.8	---	e.01	e4.6	---	e.01	e3.7	---	e.01	22	e2.9	---	e.01	e2.7	---	e.01	e3.1	---	e.01
23	e6.6	---	e.01	e4.5	---	e.01	e3.7	---	e.01	23	e2.9	---	e.01	e2.8	---	e.01	e3.2	---	e.01
24	e6.5	---	e.01	e4.6	---	e.01	e3.7	---	e.01	24	e2.9	---	e.01	e2.8	---	e.01	e3.3	---	e.01
25	e6.5	---	e.01	e4.5	---	e.01	e3.7	---	e.01	25	e2.8	---	e.01	e2.9	---	e.01	e3.0	---	e.01
26	e6.2	---	e.01	e4.4	---	e.01	e3.5	---	e.01	26	e2.8	1.	e.01	e2.9	---	e.01	e3.0	---	e.01
27	e6.2	---	e.01	e3.7	---	e.01	e3.5	---	e.01	27	e2.8	---	e.01	e2.9	---	e.01	e3.0	---	e.01
28	e6.1	---	e.01	e3.9	---	e.01	e3.5	---	e.01	28	e2.8	---	e.01	e3.0	---	e.01	e3.2	---	e.01
29	e6.1	---	e.01	e4.1	---	e.01	e3.5	---	e.01	29	e2.8	---	e.01	e3.0	---	e.01	e3.4	---	e.01
30	e6.1	---	e.01	e4.1	---	e.01	e3.5	---	e.01	30	e2.8	---	e.01	---	---	---	e3.5	---	e.01
31	e6.0	---	e.01	---	---	---	e3.5	---	e.01	31	e2.8	---	e.01	---	---	---	e3.5	---	e.01

Table 36. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site DC1--Continued

[---, not computed; e, estimated]

	Water Year 1996										Water Year 1996								
	April			May			June				July			August			September		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/a)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e3.6	---	e.01	e5.0	---	e.07	19.	1.	0.07	1	24.	3.	0.18	11.	2.	0.07	6.1	2.	0.03
2	e3.9	---	e.03	e6.0	3.	e.07	20.	2.	0.11	2	23.	4.	0.22	11.	4.	0.10	5.9	2.	0.03
3	e4.0	---	e.07	8.0	3.	0.07	22.	3.	0.20	3	23.	4.	0.24	11.	4.	0.12	5.8	1.	0.02
4	e4.2	---	e.07	9.4	4.	0.10	24.	5.	0.31	4	22.	1.	0.09	10.	4.	0.11	5.6	1.	0.01
5	e4.6	---	e.07	11.	4.	0.12	26.	6.	0.46	5	21.	2.	0.11	9.7	7.	0.17	5.4	2.	0.02
6	e4.5	---	e.07	11.	3.	0.11	27.	6.	0.41	6	20.	1.	0.06	9.3	5.	0.13	7.7	24.	0.60
7	e4.6	---	e.07	12.	4.	0.13	27.	5.	0.38	7	19.	1.	0.07	9.5	3.	0.07	6.8	2.	0.04
8	e4.7	---	e.07	14.	4.	0.16	28.	8.	0.57	8	19.	2.	0.10	9.2	2.	0.05	5.8	1.	0.02
9	e4.9	---	e.07	13.	3.	0.11	28.	8.	0.62	9	20.	6.	0.40	9.0	3.	0.06	5.6	1.	0.01
10	e5.2	---	e.07	13.	2.	0.08	28.	5.	0.35	10	21.	6.	0.38	8.6	3.	0.07	5.5	2.	0.02
11	e5.6	---	e.07	15.	4.	0.20	28.	5.	0.36	11	17.	3.	0.12	8.3	2.	0.04	5.4	2.	0.03
12	e6.4	---	e.07	17.	7.	0.35	28.	3.	0.26	12	16.	3.	0.13	7.9	2.	0.03	6.9	6.	0.14
13	e6.0	---	e.07	19.	7.	0.36	29.	4.	0.31	13	15.	2.	0.09	7.8	2.	0.04	6.6	3.	0.06
14	e5.4	---	e.07	20.	6.	0.37	28.	4.	0.27	14	14.	1.	0.05	7.9	3.	0.06	6.3	8.	0.19
15	e5.2	---	e.07	22.	13.	0.80	31.	27.	2.6	15	14.	1.	0.04	7.7	2.	0.04	8.0	39.	0.98
16	e5.0	---	e.07	e25.	11.	0.68	30.	12.	1.0	16	14.	2.	0.06	7.6	2.	0.03	6.1	1.	0.02
17	e4.9	---	e.07	e28.	6.	0.41	29.	5.	0.41	17	14.	3.	0.09	7.4	2.	0.04	5.7	1.	0.02
18	e4.8	---	e.07	29.	5.	0.40	29.	6.	0.49	18	18.	12.	0.86	7.1	1.	0.03	5.9	---	e.02
19	e4.5	---	e.07	31.	4.	0.32	28.	3.	0.23	19	17.	13.	0.62	7.5	2.	0.04	6.0	---	e.02
20	e4.3	---	e.07	29.	1.	0.11	28.	6.	0.43	20	14.	3.	0.12	7.2	2.	0.03	5.9	---	e.02
21	e4.1	---	e.07	26.	2.	0.12	28.	10.	0.79	21	13.	2.	0.05	8.4	7.	0.17	5.7	---	e.02
22	e4.0	7	e.07	29.	20.	1.6	31.	5.	0.43	22	12.	2.	0.07	8.9	19.	0.47	5.5	---	e.02
23	e3.8	---	e.07	29.	4.	0.30	29.	5.	0.40	23	13.	2.	0.07	9.7	6.	0.17	5.8	---	e.02
24	e4.0	---	e.07	26.	0.	0.00	28.	8.	0.56	24	14.	2.	0.08	8.0	1.	0.03	7.0	---	e.50
25	e4.5	---	e.07	27.	3.	0.20	27.	5.	0.36	25	14.	6.	0.22	7.2	2.	0.04	6.1	---	e.05
26	e4.7	---	e.07	24.	0.	0.03	27.	7.	0.49	26	14.	3.	0.09	6.9	1.	0.03	5.9	---	e.02
27	e5.4	---	e.07	23.	1.	0.05	26.	5.	0.37	27	13.	3.	0.11	7.5	2.	0.04	5.9	---	e.02
28	e5.2	---	e.07	22.	0.	0.00	26.	4.	0.27	28	13.	4.	0.12	8.6	11.	0.25	6.4	---	e.10
29	e5.2	---	e.07	22.	2.	0.10	25.	3.	0.22	29	14.	4.	0.13	7.7	3.	0.06	6.4	---	e.02
30	e5.2	---	e.07	23.	1.	0.07	25.	5.	0.32	30	13.	6.	0.21	7.0	1.	0.03	5.9	---	e.01
31	---	---	---	21.	1.	0.07	---	---	---	31	12.	3.	0.11	6.5	1.	0.02	---	---	---

Table 36. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site DC1--Continued

[---, not computed; e, estimated]

	Water Year 1997										Water Year 1997								
	October			November			December				January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	5.5	---	e.02	e4.6	---	e.01	e4.5	---	e.00	1	e5.0	---	e.00	e4.5	---	e.01	e2.4	---	e.01
2	5.4	---	e.02	e4.6	---	e.01	e4.5	---	e.00	2	e5.0	---	e.00	e4.5	---	e.01	e2.5	---	e.01
3	5.4	---	e.02	e4.6	---	e.01	e4.5	---	e.00	3	e6.0	---	e.00	e4.0	---	e.01	e2.6	---	e.01
4	5.3	2.	e.02	e4.7	---	e.01	e4.5	---	e.00	4	e6.0	---	e.00	e4.0	---	e.01	e2.7	---	e.01
5	5.1	---	e.02	e4.7	---	e.01	e4.0	---	e.00	5	e5.0	---	e.00	e3.5	---	e.01	e2.8	---	e.01
6	5.0	---	e.02	e4.7	0.	e.01	e4.0	---	e.00	6	e4.5	---	e.00	e3.0	---	e.01	e3.0	---	e.01
7	5.0	---	e.02	e4.7	---	e.01	e4.0	---	e.00	7	e4.0	---	e.00	e3.0	---	e.01	e3.0	---	e.01
8	4.8	---	e.02	e4.5	---	e.01	e4.0	---	e.00	8	e4.0	---	e.00	e2.5	---	e.01	e3.0	---	e.01
9	4.7	---	e.02	e4.5	---	e.01	e4.0	0.	e.00	9	e4.0	---	e.00	e2.5	---	e.01	e3.0	---	e.01
10	4.7	---	e.02	e5.0	---	e.01	e4.0	---	e.00	10	e4.0	---	e.00	e2.5	---	e.01	e3.0	---	e.01
11	4.7	---	e.02	e5.0	---	e.01	e4.5	---	e.00	11	e3.5	---	e.00	e2.5	---	e.01	e3.0	---	e.02
12	4.6	---	e.02	e5.0	---	e.01	e5.0	---	e.00	12	e3.0	---	e.00	e2.5	---	e.01	e3.0	---	e.02
13	4.6	---	e.02	e4.5	---	e.01	e5.0	---	e.00	13	e3.0	---	e.00	e2.5	---	e.01	e3.0	---	e.02
14	4.6	---	e.02	e4.5	---	e.01	e5.0	---	e.00	14	e3.0	---	e.00	e2.5	---	e.01	e3.0	---	e.02
15	4.6	---	e.02	e4.0	---	e.01	e4.0	---	e.00	15	e3.5	---	e.00	e2.5	---	e.01	e3.0	---	e.02
16	e4.6	---	e.02	e4.0	---	e.00	e3.5	---	e.00	16	e3.5	---	e.00	e2.5	---	e.01	e3.0	---	e.02
17	e4.5	---	e.02	e4.0	---	e.00	e3.0	---	e.00	17	e3.5	---	e.00	e2.6	---	e.01	e3.0	---	e.03
18	5.8	---	e.02	e4.0	---	e.00	e3.0	---	e.00	18	e3.5	---	e.00	e2.7	---	e.01	e3.0	---	e.03
19	5.1	---	e.02	e4.0	---	e.00	e3.0	---	e.00	19	e3.5	---	e.00	e2.8	1.	e.01	e3.1	---	e.03
20	4.7	---	e.02	e4.0	---	e.00	e3.0	---	e.00	20	e4.0	---	e.00	e2.8	---	e.01	e3.2	---	e.03
21	3.5	---	e.01	e4.0	---	e.00	e3.5	---	e.00	21	e4.0	---	e.00	e2.5	---	e.01	e3.3	---	e.03
22	3.7	---	e.01	e4.0	---	e.00	e4.0	---	e.00	22	e3.5	---	e.00	e2.5	---	e.01	e3.4	---	e.04
23	3.7	---	e.01	e4.0	---	e.00	e4.0	---	e.00	23	e3.5	---	e.00	e2.5	---	e.01	e3.7	---	e.04
24	e4.0	---	e.01	e4.0	---	e.00	e4.0	---	e.00	24	e3.5	---	e.00	e2.5	---	e.01	e4.0	---	e.04
25	e4.2	---	e.01	e4.0	---	e.00	e4.0	---	e.00	25	e3.5	---	e.00	e2.5	---	e.01	e4.0	---	e.04
26	e4.2	---	e.01	e4.0	---	e.00	e4.0	---	e.00	26	e3.5	---	e.00	e2.5	---	e.01	e4.0	---	e.05
27	e4.3	---	e.01	e4.0	---	e.00	e4.0	---	e.00	27	e3.5	---	e.00	e2.5	---	e.01	e4.0	---	e.05
28	e4.4	---	e.01	e4.5	---	e.00	e4.5	---	e.00	28	e3.5	---	e.00	e2.5	---	e.01	e4.5	---	e.05
29	e4.5	---	e.01	e5.0	---	e.00	e5.0	---	e.00	29	e3.5	---	e.00	---	---	---	e5.0	---	e.05
30	e4.6	---	e.01	e5.0	---	e.00	e5.0	---	e.00	30	e3.5	---	e.00	---	---	---	e5.0	---	e.05
31	e4.6	---	e.01	---	---	---	e5.0	---	e.00	31	e4.0	---	e.00	---	---	---	e6.0	---	e.05

Table 36. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site DC1--Continued

[---, not computed; e, estimated]

	Water Year 1997										Water Year 1997								
	April			May			June				July			August			September		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e6.0	---	e.05	e5.0	4.	e.05	63.	156.	33.	1	83.	6.	1.4	14.	3.	0.11	12.	6.	0.20
2	e5.0	---	e.05	e5.2	---	e.05	68.	151.	30.	2	81.	4.	0.81	13.	4.	0.13	12.	3.	0.09
3	e6.0	---	e.05	5.5	---	e.05	67.	121.	26.	3	78.	4.	0.78	10.	7.	0.19	13.	2.	0.08
4	e6.0	---	e.05	6.6	---	e.06	103.	---	e20.	4	83.	3.	0.72	10.	10.	0.24	12.	2.	0.07
5	e5.0	---	e.05	8.1	---	e.10	102.	38.	11.	5	81.	3.	0.67	12.	4.	0.15	12.	3.	0.09
6	e4.5	---	e.05	9.0	---	e.12	81.	24.	5.3	6	80.	4.	0.81	15.	4.	0.15	12.	3.	0.09
7	e4.5	---	e.05	10.	19.	0.65	83.	50.	11.	7	76.	4.	0.81	18.	4.	0.22	12.	2.	0.07
8	e5.0	---	e.05	10.	11.	0.29	81.	58.	12.	8	67.	3.	0.59	18.	4.	0.20	12.	---	e.08
9	e5.0	---	e.05	12.	16.	0.58	95.	33.	8.3	9	63.	4.	0.75	21.	5.	0.32	11.	---	e.06
10	e5.0	---	e.05	16.	22.	1.0	90.	27.	6.7	10	e58.	4.	e.63	25.	7.	0.46	12.	---	e.06
11	e5.0	---	e.05	17.	11.	0.53	66.	16.	2.8	11	e52.	3.	e.42	17.	2.	0.11	12.	---	e.06
12	e5.0	---	e.05	14.	9.	0.35	62.	12.	2.1	12	e49.	4.	e.53	17.	2.	0.08	11.	---	e.06
13	e5.0	---	e.05	16.	9.	0.39	59.	17.	2.7	13	e45.	4.	e.49	17.	2.	0.09	11.	---	e.06
14	e5.0	---	e.05	17.	7.	0.32	61.	12.	2.0	14	e42.	4.	e.45	e15.	---	e.12	11.	2.	0.06
15	e5.0	---	e.05	20.	14.	0.79	67.	7.	1.2	15	e40.	5.	e.54	e16.	5.	e.22	10.	---	e.09
16	e5.0	---	e.05	27.	44.	3.4	71.	7.	1.3	16	e37.	4.	e.40	15.	4.	0.15	10.	---	e.08
17	e5.0	---	e.05	34.	47.	4.4	87.	6.	1.5	17	e34.	3.	e.28	15.	4.	0.18	9.7	---	e.08
18	e5.0	---	e.05	36.	20.	2.0	96.	---	e1.8	18	e31.	3.	e.25	15.	4.	0.17	9.6	---	e.08
19	e5.0	---	e.05	36.	20.	2.2	98.	9.	2.3	19	e29.	4.	e.31	14.	4.	0.15	9.4	---	e.08
20	e6.0	---	e.05	34.	21.	1.9	92.	20.	4.9	20	e26.	7.	e.49	e14.	3.	e.11	8.8	---	e.07
21	e7.0	---	e.05	32.	12.	1.1	89.	11.	2.6	21	e24.	2.	e.13	e12.	3.	e.10	8.5	---	e.07
22	e6.0	---	e.05	39.	15.	1.6	82.	4.	0.83	22	e22.	3.	e.18	11.	3.	0.09	8.2	---	e.07
23	e6.0	---	e.05	35.	13.	1.2	82.	5.	1.1	23	e20.	2.	e.11	11.	3.	0.09	8.1	3.	0.06
24	e5.0	---	e.05	39.	11.	1.1	82.	6.	1.4	24	e19.	3.	e.15	11.	4.	0.13	7.9	---	e.05
25	e4.5	---	e.05	37.	11.	1.1	80.	4.	0.95	25	e18.	2.	e.10	12.	3.	0.11	8.0	---	e.04
26	e4.6	---	e.05	36.	5.	0.47	78.	4.	0.88	26	e17.	3.	e.14	13.	4.	0.13	8.0	---	e.04
27	e4.7	---	e.05	34.	3.	0.28	82.	4.	0.95	27	16.	3.	0.14	13.	3.	0.11	7.6	---	e.03
28	e4.9	---	e.05	35.	6.	0.54	79.	4.	0.95	28	20.	4.	0.24	11.	4.	0.11	7.3	---	e.02
29	e5.2	---	e.05	38.	6.	0.60	82.	3.	0.74	29	21.	3.	0.19	10.	3.	0.09	7.6	1.	e.01
30	e5.0	---	e.05	40.	6.	0.67	80.	5.	0.99	30	16.	2.	0.10	11.	3.	0.09	7.5	---	e.01
31	---	---	---	54.	72.	14.	---	---	---	31	14.	3.	0.10	11.	12.	0.36	---	---	---

Table 37. Daily precipitation for site CC2

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--July to September 1996 (seasonal records only).

GAGE.--Tipping bucket rain gage (no wind vanes used) with satellite telemetry. Elevation of gage is 10,710 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 0.52 in., Sept. 6, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall, 0.52 in., Sept. 6.

PRECIPITATION INCHES, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	.00	.00
2	---	---	---	---	---	---	---	---	---	---	.00	.00
3	---	---	---	---	---	---	---	---	---	---	.11	.00
4	---	---	---	---	---	---	---	---	---	---	.00	.00
5	---	---	---	---	---	---	---	---	---	---	.00	.00
6	---	---	---	---	---	---	---	---	---	---	.00	.52
7	---	---	---	---	---	---	---	---	---	---	.12	.01
8	---	---	---	---	---	---	---	---	---	---	.02	.00
9	---	---	---	---	---	---	---	---	---	.13	.00	.00
10	---	---	---	---	---	---	---	---	---	.01	.00	.01
11	---	---	---	---	---	---	---	---	---	.01	.00	.01
12	---	---	---	---	---	---	---	---	---	.00	.00	.28
13	---	---	---	---	---	---	---	---	---	.00	.00	.02
14	---	---	---	---	---	---	---	---	---	.00	.00	.13
15	---	---	---	---	---	---	---	---	---	.02	.01	.33
16	---	---	---	---	---	---	---	---	---	.00	.00	.00
17	---	---	---	---	---	---	---	---	---	.00	.06	.00
18	---	---	---	---	---	---	---	---	---	.17	.00	.12
19	---	---	---	---	---	---	---	---	---	.03	.02	.00
20	---	---	---	---	---	---	---	---	---	.00	.07	.06
21	---	---	---	---	---	---	---	---	---	.00	.25	.31
22	---	---	---	---	---	---	---	---	---	.00	.06	.08
23	---	---	---	---	---	---	---	---	---	.00	.14	.20
24	---	---	---	---	---	---	---	---	---	.00	.00	.35
25	---	---	---	---	---	---	---	---	---	.00	.00	.06
26	---	---	---	---	---	---	---	---	---	.03	.00	.00
27	---	---	---	---	---	---	---	---	---	.01	.13	.00
28	---	---	---	---	---	---	---	---	---	.16	.06	.29
29	---	---	---	---	---	---	---	---	---	.10	.00	.19
30	---	---	---	---	---	---	---	---	---	.01	.00	.07
31	---	---	---	---	---	---	---	---	---	.01	.00	---
TOTAL	---	---	---	---	---	---	---	---	---	---	1.05	3.04

Table 37. Daily precipitation for site CC2--Continued

393647105425317 SOUTH CLEAR CREEK ABOVE NAYLOR CREEK NEAR GEORGETOWN, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 1996 to September 1997 (discontinued), seasonal records only.

GAGE.--Tipping-bucket rain gage (no wind shields used) with satellite telemetry. Elevation of gage is 10,710 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 0.74 inch, Sept. 3, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall during period of seasonal operation, 0.74 inch, Sept. 3.

PRECIPITATION (INCHES), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	---	.00	.05	.00	.00	.06	.20
2	.00	---	---	---	---	---	.00	.10	.00	.00	.04	.09
3	.00	---	---	---	---	---	.17	.03	.00	.00	.01	.74
4	.00	---	---	---	---	---	.02	.00	.07	.00	.08	.02
5	.00	---	---	---	---	---	.00	.00	.01	.00	.15	.00
6	.00	---	---	---	---	---	.00	---	.65	.00	---	.03
7	.00	---	---	---	---	---	.02	---	.47	.14	---	.00
8	.00	---	---	---	---	---	.00	.00	.35	.01	---	.00
9	.00	---	---	---	---	---	.03	.00	.12	.02	---	.00
10	.00	---	---	---	---	---	.00	---	.05	.02	---	.00
11	.00	---	---	---	---	---	.00	---	.22	.03	---	.05
12	.00	---	---	---	---	---	.00	---	.00	.00	.04	.00
13	.00	---	---	---	---	---	.00	.00	.44	.00	.02	.00
14	.00	---	---	---	---	---	.03	.03	.14	.00	.01	.00
15	.00	---	---	---	---	---	.20	.03	.00	.00	.00	.07
16	.00	---	---	---	---	---	.27	.00	.11	.01	.00	.05
17	.00	---	---	---	---	---	.25	.00	.00	.09	.01	.00
18	.03	---	---	---	---	---	.05	.01	.00	.21	.08	.01
19	.11	---	---	---	---	---	.00	.10	.00	.03	.01	.20
20	.00	---	---	---	---	---	.00	.06	.00	.00	.00	.29
21	.00	---	---	---	---	---	.05	.27	.13	.00	.06	.30
22	.02	---	---	---	---	---	.09	.33	.07	.00	.00	.02
23	.01	---	---	---	---	---	.18	.00	.17	.08	.00	.06
24	.00	---	---	---	---	---	.00	.20	.01	.00	.14	.00
25	.00	---	---	---	---	---	.03	.00	.00	.00	.12	.00
26	.00	---	---	---	---	---	.05	.03	.01	.13	.05	.05
27	.05	---	---	---	---	---	.40	.00	.00	.27	.17	.00
28	.04	---	---	---	---	---	.13	.04	.01	.22	.05	.00
29	.01	---	---	---	---	---	.16	.26	.00	.10	.00	.00
30	.00	---	---	---	---	---	.14	.02	.00	.07	.02	.00
31	.01	---	---	---	---	---	---	.00	---	.08	.04	---
TOTAL	0.28	---	---	---	---	---	2.27	---	3.03	1.51	---	2.18

Table 38. Daily precipitation for site CC5

06714400 SOUTH CLEAR CREEK ABOVE LOWER CABIN CREEK RESERVOIR NEAR GEORGETOWN, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--July to September 1997 (discontinued).

GAGE.--Tipping-bucket rain gage (no wind shields used) with satellite telemetry. Elevation of gage is 10,100 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall during period from July to September, 1.24 inches, Sept. 3.

PRECIPITATION (INCHES), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	.04	.30
2	---	---	---	---	---	---	---	---	---	---	.00	.33
3	---	---	---	---	---	---	---	---	---	---	.52	1.24
4	---	---	---	---	---	---	---	---	---	---	.00	.00
5	---	---	---	---	---	---	---	---	---	---	.20	.00
6	---	---	---	---	---	---	---	---	---	---	.46	.00
7	---	---	---	---	---	---	---	---	---	---	.08	.00
8	---	---	---	---	---	---	---	---	---	---	.00	.00
9	---	---	---	---	---	---	---	---	---	---	.12	.00
10	---	---	---	---	---	---	---	---	---	---	.44	.00
11	---	---	---	---	---	---	---	---	---	---	.04	.05
12	---	---	---	---	---	---	---	---	---	---	.01	.00
13	---	---	---	---	---	---	---	---	---	---	.00	.00
14	---	---	---	---	---	---	---	---	---	---	.01	.00
15	---	---	---	---	---	---	---	---	---	.02	.00	.05
16	---	---	---	---	---	---	---	---	---	.09	.00	.00
17	---	---	---	---	---	---	---	---	---	.90	.01	.00
18	---	---	---	---	---	---	---	---	---	.49	.24	.01
19	---	---	---	---	---	---	---	---	---	.19	.01	.14
20	---	---	---	---	---	---	---	---	---	.04	.00	.17
21	---	---	---	---	---	---	---	---	---	.01	.02	.13
22	---	---	---	---	---	---	---	---	---	.01	.00	.03
23	---	---	---	---	---	---	---	---	---	.06	.00	.00
24	---	---	---	---	---	---	---	---	---	.00	.14	.00
25	---	---	---	---	---	---	---	---	---	.00	.06	.00
26	---	---	---	---	---	---	---	---	---	.16	.55	.03
27	---	---	---	---	---	---	---	---	---	.28	.15	.00
28	---	---	---	---	---	---	---	---	---	.34	.02	.00
29	---	---	---	---	---	---	---	---	---	.27	.00	.00
30	---	---	---	---	---	---	---	---	---	.16	.07	.00
31	---	---	---	---	---	---	---	---	---	.30	.12	---
TOTAL	---	---	---	---	---	---	---	---	---	---	3.31	2.48

Table 39. Daily precipitation for site CC7--Continued

06714600 SOUTH CLEAR CREEK ABOVE LEAVENWORTH CREEK NEAR GEORGETOWN, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1995 to August 1996 (discontinued).

GAGE.--Tipping-bucket rain gage (no wind vanes used) with satellite telemetry. Elevation of gage is 9,280 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 0.76 in., May 27, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall, 0.76 in., May 27.

PRECIPITATION INCHES, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	---	.00	.13	.01	.00	.00	---
2	.00	---	---	---	---	---	.00	.04	.00	.18	.00	---
3	.00	---	---	---	---	---	.00	.00	.00	.00	.00	---
4	.01	---	---	---	---	---	.00	.00	.00	.09	.00	---
5	.00	---	---	---	---	---	.15	.00	.03	.00	.00	---
6	.16	---	---	---	---	---	.25	.00	.00	.00	.00	---
7	.11	---	---	---	---	---	.03	.00	.00	.00	.00	---
8	.00	---	---	---	---	---	.00	.00	.00	.00	---	---
9	.00	---	---	---	---	---	.00	.00	.00	.06	---	---
10	.00	---	---	---	---	---	.04	.00	.00	.00	---	---
11	.00	---	---	---	---	---	.01	.00	.00	.00	---	---
12	.28	---	---	---	---	---	.00	.00	.51	.00	---	---
13	.01	---	---	---	---	---	.00	.00	.04	.00	---	---
14	.00	---	---	---	---	---	.05	.00	.00	.00	---	---
15	.00	---	---	---	---	---	.11	.00	.56	.00	---	---
16	.00	---	---	---	---	---	.00	.00	.00	.00	---	---
17	.00	---	---	---	---	---	.00	.00	.00	.00	---	---
18	.00	---	---	---	---	---	.08	.00	.00	.21	---	---
19	.00	---	---	---	---	---	.02	.00	.00	.00	---	---
20	.00	---	---	---	---	---	.01	.00	.01	.00	---	---
21	.00	---	---	---	---	---	.11	.00	.07	.00	---	---
22	.00	---	---	---	---	---	.06	.00	.15	.00	---	---
23	.00	---	---	---	---	---	.00	.00	.00	.00	---	---
24	.02	---	---	---	---	---	.00	.02	.00	.00	---	---
25	.01	---	---	---	---	---	.13	.17	.00	.03	---	---
26	.00	---	---	---	---	---	.00	.13	.06	.00	---	---
27	.00	---	---	---	---	---	.03	.76	.00	.00	---	---
28	.00	---	---	---	---	---	.00	.42	.16	.00	---	---
29	.00	---	---	---	---	---	.15	.01	.00	.00	---	---
30	.00	---	---	---	---	---	.00	.00	.00	.00	---	---
31	.01	---	---	---	---	---	---	.00	---	.00	---	---
TOTAL	0.61	---	---	---	---	---	1.23	1.68	1.60	0.57	---	---

Table 40. Daily precipitation for site CC9

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1995 to current year (seasonal records only).

GAGE.--Tipping-bucket rain gage (no wind vanes used) with satellite telemetry. Elevation of gage is 9,320 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 1.04 in., May 27, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall, 1.04 in., May 27.

PRECIPITATION INCHES, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	---	.00	.00	.02	.00	.00	.00
2	.00	---	---	---	---	---	.00	.00	.00	.00	.01	.00
3	.00	---	---	---	---	---	.00	.00	.00	.00	.30	.00
4	.06	---	---	---	---	---	.11	.00	.00	.15	.00	.00
5	.00	---	---	---	---	---	.00	.00	.04	.02	.00	.00
6	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.41
7	.00	---	---	---	---	---	.00	.01	.00	.00	.15	.00
8	.00	---	---	---	---	---	.00	.00	.00	.00	.04	.00
9	.00	---	---	---	---	---	.00	.00	.00	.11	.00	.00
10	.00	---	---	---	---	---	.00	.00	.00	.01	.00	.00
11	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.01
12	.00	---	---	---	---	---	.00	.00	.53	.00	.00	.43
13	.00	---	---	---	---	---	.00	.00	.05	.00	.00	.03
14	.00	---	---	---	---	---	.00	.00	.00	.00	.02	.48
15	.00	---	---	---	---	---	.00	.00	.78	.01	.00	.02
16	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
17	.00	---	---	---	---	---	.00	.00	.00	.00	.04	.09
18	.00	---	---	---	---	---	.00	.00	.00	.13	.00	.03
19	.00	---	---	---	---	---	.00	.00	.00	.01	.11	.39
20	.00	---	---	---	---	---	.00	.00	.04	.00	.01	.08
21	.00	---	---	---	---	---	.00	.00	.08	.00	.11	.00
22	.00	---	---	---	---	---	.00	.00	.13	.00	.10	.01
23	.00	---	---	---	---	---	.00	.00	.00	.00	.05	.06
24	.00	---	---	---	---	---	.00	.14	.00	.00	.00	.19
25	.00	---	---	---	---	---	.00	.38	.00	.00	.00	.10
26	.00	---	---	---	---	---	.00	.01	.07	.06	.00	.02
27	.00	---	---	---	---	---	.00	1.04	.00	.00	.10	.00
28	.00	---	---	---	---	---	.00	.35	.18	.01	.08	.00
29	.00	---	---	---	---	---	.00	.02	.00	.14	.00	.00
30	.00	---	---	---	---	---	.00	.00	.00	.01	.00	.00
31	.00	---	---	---	---	---	---	.00	---	.03	.00	---
TOTAL	0.06	---	---	---	---	---	0.11	1.95	1.92	0.69	1.12	2.35

Table 40. Daily precipitation for site CC9--Continued

06714800 LEAVENWORTH CREEK AT MOUTH NEAR GEORGETOWN, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1995 to September 1997 (discontinued), seasonal records only.

GAGE.--Tipping-bucket rain gage (no wind shields used) with satellite telemetry. Elevation of gage is 9,280 ft (revised) above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 1.04 inches, May 27, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum daily precipitation during period of seasonal operation, 0.92 inch, April 27.

PRECIPITATION (INCHES), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.01	---	---	---	---	---	.00	.04	.00	.00	.01	.10
2	.00	---	---	---	---	---	.00	.00	.02	.00	.00	.49
3	.00	---	---	---	---	---	.00	.00	.00	.00	.58	.20
4	.00	---	---	---	---	---	.00	.00	.00	.00	.07	.00
5	.00	---	---	---	---	---	.00	.00	.00	.00	.40	.00
6	.00	---	---	---	---	---	.00	.00	.74	.00	.24	.00
7	.00	---	---	---	---	---	.00	.00	.15	.00	.01	.00
8	.00	---	---	---	---	---	.00	.00	.74	.00	.00	.00
9	.00	---	---	---	---	---	.01	.00	.10	.00	.05	.00
10	.00	---	---	---	---	---	.00	.00	.05	.04	.19	.00
11	.00	---	---	---	---	---	.00	.00	.18	.00	.06	.21
12	.00	---	---	---	---	---	.00	.00	.03	.00	.00	.00
13	.00	---	---	---	---	---	.15	.00	.16	.00	.00	.00
14	.00	---	---	---	---	---	.26	.00	.14	.00	.00	.00
15	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
16	.02	---	---	---	---	---	.01	.00	.04	.06	.00	.00
17	.00	---	---	---	---	---	.00	.00	.00	.03	.00	.01
18	.28	---	---	---	---	---	.00	.00	.03	.15	.08	.01
19	.00	---	---	---	---	---	.00	.00	.03	.18	.05	.16
20	.05	---	---	---	---	---	.14	.00	.00	.11	.00	.06
21	.00	---	---	---	---	---	.43	.31	.00	.01	.03	.10
22	.01	---	---	---	---	---	.01	.23	.00	.00	.00	.02
23	.00	---	---	---	---	---	.15	.01	.07	.05	.00	.01
24	.00	---	---	---	---	---	.00	.03	.00	.01	.20	.01
25	.00	---	---	---	---	---	.01	.00	.00	.04	.01	.00
26	.00	---	---	---	---	---	.14	.00	.00	.00	.23	.02
27	.26	---	---	---	---	---	.92	.08	.00	.15	.34	.00
28	.09	---	---	---	---	---	.36	.02	.00	.18	.01	.00
29	.02	---	---	---	---	---	.10	.35	.00	.21	.00	.02
30	.00	---	---	---	---	---	.14	.01	.00	.26	.00	.00
31	.00	---	---	---	---	---	---	.00	---	.22	.06	---
TOTAL	0.74	---	---	---	---	---	2.83	1.08	2.48	1.70	2.62	1.42

Table 41. Daily precipitation for site GC5

06704500 DUCK CREEK NEAR GRANT, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 1995 to current year (seasonal records only).

GAGE.--Tipping-bucket rain gage (no wind vanes used) with satellite telemetry. Elevation of gage is 10,100 ft above sea level, from topographic map.

REMARKS.--Records poor.

ESTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 0.59 in., May 28, and July 18, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall, 0.59 in., May 28, and July 18.

PRECIPITATION INCHES, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	---	.00	.04	.00	.00	.00	.00
2	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
3	.00	---	---	---	---	---	.00	.00	.01	.09	.06	.00
4	.00	---	---	---	---	---	.00	.00	.00	.02	.00	.00
5	.00	---	---	---	---	---	.00	.00	.05	.00	.00	.00
6	.04	---	---	---	---	---	.18	.00	.00	.00	.00	.39
7	.08	---	---	---	---	---	.08	.00	.00	.00	.01	.00
8	.00	---	---	---	---	---	.00	.00	.00	.00	.03	.00
9	.00	---	---	---	---	---	.00	.00	.00	.46	.00	.06
10	.00	---	---	---	---	---	.04	.00	.00	.01	.00	.03
11	.00	---	---	---	---	---	.04	.00	.00	.00	.00	.16
12	.14	---	---	---	---	---	.00	.00	.14	.00	.00	.36
13	.00	---	---	---	---	---	.00	.00	.05	.00	.00	.00
14	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.10
15	.00	---	---	---	---	---	.22	.00	.37	.01	.02	.01
16	.00	---	---	---	---	---	.01	.00	.00	.00	.00	.00
17	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.02
18	.00	---	---	---	---	---	.08	.00	.00	.59	.00	.00
19	.00	---	---	---	---	---	.02	.00	.00	.01	.02	.01
20	.00	---	---	---	---	---	.00	.00	.00	.00	.05	.07
21	.00	---	---	---	---	---	.03	.00	.16	.00	.20	.24
22	.00	---	---	---	---	---	.01	.00	.22	.00	.04	.07
23	.00	---	---	---	---	---	.00	.00	.00	.00	.20	.18
24	.01	---	---	---	---	---	.00	.01	.00	.00	.00	.28
25	.00	---	---	---	---	---	.16	.13	.00	.01	.00	.04
26	.00	---	---	---	---	---	.00	.01	.08	.00	.00	.00
27	.00	---	---	---	---	---	.03	.42	.01	.00	.04	.01
28	.00	---	---	---	---	---	.00	.59	.07	.09	.01	.15
29	.00	---	---	---	---	---	.05	.05	.00	.10	.01	.00
30	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
31	.00	---	---	---	---	---	---	.00	---	.00	.00	---
TOTAL	0.27	---	---	---	---	---	0.95	1.25	1.16	1.39	0.69	2.18

Table 41. Daily precipitation at site GC5--Continued

06704500 DUCK CREEK NEAR GRANT, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 1995 to September 1997 (discontinued), seasonal records only.

GAGE.--Tipping-bucket rain gage (no wind shields used) with satellite telemetry. Elevation of gage is 10,100 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 0.78 inch, June 6, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall during period of seasonal operation, 0.78 inch, June 6.

PRECIPITATION (INCHES), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	---	.00	.05	.00	.00	.35	.06
2	.00	---	---	---	---	---	.00	.02	.00	.00	.00	.00
3	.00	---	---	---	---	---	.25	.00	.00	.00	.12	.24
4	.00	---	---	---	---	---	.02	.00	.02	.00	.25	.01
5	.00	---	---	---	---	---	.00	.00	.01	.00	.25	.00
6	.00	---	---	---	---	---	.00	.00	.78	.00	.23	.02
7	.00	---	---	---	---	---	.00	.00	.17	.10	.21	.00
8	.00	---	---	---	---	---	.00	.00	.51	.09	.00	.00
9	.00	---	---	---	---	---	.04	.00	.08	.02	.38	.00
10	.00	---	---	---	---	---	.00	.00	.01	.00	.14	.01
11	.00	---	---	---	---	---	.00	.02	.18	.00	.02	.01
12	.00	---	---	---	---	---	.00	.12	.00	.00	.01	.00
13	.00	---	---	---	---	---	.00	.00	.50	.00	.01	.00
14	.00	---	---	---	---	---	.02	.02	.18	.00	.02	.00
15	.00	---	---	---	---	---	.08	.00	.00	.00	.05	.01
16	.00	---	---	---	---	---	.29	.00	.05	.00	.00	.00
17	.00	---	---	---	---	---	.09	.00	.00	.03	.09	.00
18	.12	---	---	---	---	---	.00	.00	.01	.22	.01	.00
19	.05	---	---	---	---	---	.00	.01	.00	.10	.00	.18
20	.00	---	---	---	---	---	.02	.03	.00	.00	.00	.18
21	.00	---	---	---	---	---	.18	.18	.02	.09	.01	.06
22	.01	---	---	---	---	---	.16	.21	.00	.01	.00	.06
23	.00	---	---	---	---	---	.08	.22	.16	.05	.00	.01
24	.00	---	---	---	---	---	.00	.17	.15	.00	.06	.00
25	.04	---	---	---	---	---	.05	.00	.00	.00	.12	.00
26	.00	---	---	---	---	---	.08	.05	.00	.00	.14	.02
27	.04	---	---	---	---	---	.33	.01	.00	.22	.08	.00
28	.09	---	---	---	---	---	.30	.02	.00	.37	.05	.00
29	.00	---	---	---	---	---	.00	.18	.00	.45	.05	.00
30	.01	---	---	---	---	---	.01	.00	.00	.07	.00	.00
31	.00	---	---	---	---	---	---	.00	---	.14	.00	---
TOTAL	0.36	---	---	---	---	---	2.00	1.31	2.83	1.96	2.65	0.87

Table 42. Daily precipitation for site GC11

06705500 GENEVA CREEK AT GRANT, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1995 to current year (seasonal records only).

GAGE.--Tipping-bucket rain gage (no wind vanes used) with satellite telemetry. Elevation of gage is 8,760 ft above sea level, from topographic map.

REMARKS.--Records poor.

ESTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 0.92 in., May 18, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall, 0.51 in., May 26.

PRECIPITATION INCHES, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	---	.00	.01	.00	.08	.00	.00
2	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
3	.00	---	---	---	---	---	.00	.00	.00	.01	.00	.00
4	.01	---	---	---	---	---	.00	.00	.00	.00	.00	.00
5	.00	---	---	---	---	---	.02	.00	.01	.00	.00	.00
6	.00	---	---	---	---	---	.16	.00	.00	.00	.00	.45
7	.00	---	---	---	---	---	.19	.00	.00	.00	.00	.00
8	.00	---	---	---	---	---	.00	.00	.00	.00	.02	.00
9	.00	---	---	---	---	---	.00	.00	.00	.14	.00	.00
10	.00	---	---	---	---	---	.01	.00	.00	.01	.00	.00
11	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
12	.07	---	---	---	---	---	.00	.00	.05	.00	.00	.31
13	.00	---	---	---	---	---	.01	.00	.00	.00	.00	.00
14	.00	---	---	---	---	---	.00	.00	.00	.00	.04	.15
15	.00	---	---	---	---	---	.00	.00	.30	.01	.00	.02
16	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
17	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
18	.00	---	---	---	---	---	.03	.00	.00	.45	.00	.03
19	.00	---	---	---	---	---	.00	.00	.00	.04	.01	.11
20	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
21	.00	---	---	---	---	---	.01	.00	.08	.00	.17	.00
22	.00	---	---	---	---	---	.02	.00	.07	.00	.10	.00
23	.00	---	---	---	---	---	.00	.00	.00	.00	.01	.07
24	.00	---	---	---	---	---	.00	.02	.00	.00	.00	.06
25	.00	---	---	---	---	---	.01	.14	.00	.00	.00	.00
26	.00	---	---	---	---	---	.00	.51	.05	.01	.00	.00
27	.00	---	---	---	---	---	.00	.02	.00	.00	.23	.01
28	.00	---	---	---	---	---	.00	.05	.04	.27	.01	.39
29	.00	---	---	---	---	---	.05	.00	.00	.15	.00	.00
30	.00	---	---	---	---	---	.00	.00	.00	.00	.00	.00
31	.00	---	---	---	---	---	---	.00	---	.00	.00	---
TOTAL	0.08	---	---	---	---	---	0.51	0.75	0.60	1.17	0.59	1.60

Table 42. Daily precipitation for site GC11--Continued

06705500 GENEVA CREEK AT GRANT, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--May 1995 to September 1997 (discontinued), seasonal records only.

GAGE.--Tipping-bucket rain gage (no wind shields used) with satellite telemetry. Elevation of gage is 8,760 ft above sea level, from topographic map.

REMARKS.--Records poor.

ESTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 0.92 inch, May 18, 1995.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall during period of seasonal operation, 0.75 inches, June 8.

PRECIPITATION (INCHES), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	---	.00	.00	.00	.00	.09	.17
2	.00	---	---	---	---	---	.00	.00	.00	.00	.01	.04
3	.00	---	---	---	---	---	.27	.00	.00	.00	.00	.35
4	.00	---	---	---	---	---	.01	.00	.04	.00	.38	.05
5	.00	---	---	---	---	---	.00	.00	.01	.00	.14	.00
6	.00	---	---	---	---	---	.00	.00	.56	.00	.18	.01
7	.00	---	---	---	---	---	.00	.00	.04	.06	.09	.00
8	.00	---	---	---	---	---	.04	.00	.75	.05	.00	.00
9	.00	---	---	---	---	---	.05	.00	.08	.01	.38	.00
10	.00	---	---	---	---	---	.00	.00	.00	.00	.07	.00
11	.00	---	---	---	---	---	.00	.09	.06	.00	.01	.05
12	.00	---	---	---	---	---	.00	.18	.01	.00	.02	.01
13	.00	---	---	---	---	---	.01	.00	.09	.00	.00	.00
14	.00	---	---	---	---	---	.05	.01	.02	.30	.00	.00
15	.00	---	---	---	---	---	.02	.00	.00	.00	.00	.00
16	.15	---	---	---	---	---	.00	.00	.03	.00	.00	.00
17	.00	---	---	---	---	---	.00	.00	.00	.01	.30	.00
18	.00	---	---	---	---	---	.00	.00	.00	.05	.14	.00
19	.00	---	---	---	---	---	.00	.00	.00	.02	.00	.11
20	.00	---	---	---	---	---	.05	.02	.00	.00	.05	.10
21	.00	---	---	---	---	---	.14	.13	.13	.00	.00	.01
22	.00	---	---	---	---	---	.00	.34	.00	.00	.00	.03
23	.00	---	---	---	---	---	.05	.17	.11	.02	.00	.02
24	.00	---	---	---	---	---	.00	.01	.01	.00	.06	.00
25	.00	---	---	---	---	---	.02	.02	.00	.00	.00	.00
26	.00	---	---	---	---	---	.02	.00	.00	.00	.05	.00
27	.02	---	---	---	---	---	.47	.00	.00	.24	.10	.00
28	.00	---	---	---	---	---	.16	.00	.00	.17	.33	.00
29	.00	---	---	---	---	---	.00	.02	.00	.26	.00	.00
30	.00	---	---	---	---	---	.01	.00	.00	.02	.13	.00
31	.00	---	---	---	---	---	---	.00	---	.20	.00	---
TOTAL	0.17	---	---	---	---	---	1.37	0.99	1.94	1.41	2.53	0.95

Table 43. Daily precipitation for site DC1

393040105340400 DEER CREEK NEAR BAILEY, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--July to September 1996.

GAGE.--Tipping-bucket rain gage (no wind vanes used) with satellite telemetry. Elevation of gage is 9,280 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 1.55 in., Sept. 12, 1996.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall, 1.55 in., Sept. 12.

PRECIPITATION INCHES, WATER YEAR OCTOBER 1995 TO SEPTEMBER 1996
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	---	---	.00	.00
2	---	---	---	---	---	---	---	---	---	---	.00	.00
3	---	---	---	---	---	---	---	---	---	---	.02	.00
4	---	---	---	---	---	---	---	---	---	---	.00	.00
5	---	---	---	---	---	---	---	---	---	---	.00	.00
6	---	---	---	---	---	---	---	---	---	---	.00	.79
7	---	---	---	---	---	---	---	---	---	---	.14	.00
8	---	---	---	---	---	---	---	---	---	---	.00	.00
9	---	---	---	---	---	---	---	---	---	---	.00	.00
10	---	---	---	---	---	---	---	---	---	---	.00	.00
11	---	---	---	---	---	---	---	---	---	---	.00	.09
12	---	---	---	---	---	---	---	---	---	---	.00	1.55
13	---	---	---	---	---	---	---	---	---	---	.00	.02
14	---	---	---	---	---	---	---	---	---	---	.03	.34
15	---	---	---	---	---	---	---	---	---	---	.09	.02
16	---	---	---	---	---	---	---	---	---	---	.00	.00
17	---	---	---	---	---	---	---	---	---	---	.00	.02
18	---	---	---	---	---	---	---	---	---	---	.03	.10
19	---	---	---	---	---	---	---	---	---	---	.50	.07
20	---	---	---	---	---	---	---	---	---	---	.00	.00
21	---	---	---	---	---	---	---	---	---	---	.93	.00
22	---	---	---	---	---	---	---	---	---	---	.13	.06
23	---	---	---	---	---	---	---	---	---	---	.89	.25
24	---	---	---	---	---	---	---	---	---	.00	.01	.15
25	---	---	---	---	---	---	---	---	---	.01	.02	.00
26	---	---	---	---	---	---	---	---	---	.21	.00	.00
27	---	---	---	---	---	---	---	---	---	.02	.24	.02
28	---	---	---	---	---	---	---	---	---	.10	.53	.48
29	---	---	---	---	---	---	---	---	---	.17	.01	.00
30	---	---	---	---	---	---	---	---	---	.01	.00	.00
31	---	---	---	---	---	---	---	---	---	.00	.00	---
TOTAL	---	---	---	---	---	---	---	---	---	---	3.57	3.96

Table 43. Daily precipitation for site DC1--Continued

393040105340400 DEER CREEK NEAR BAILEY, CO

PRECIPITATION RECORDS

PERIOD OF RECORD.--July 1996 to September 1997 (discontinued), seasonal records only.

GAGE.--Tipping-bucket rain gage (no wind shields used) with satellite telemetry. Elevation of gage is 9,280 ft above sea level, from topographic map.

REMARKS.--Records poor.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily rainfall, 1.57 inches, June 6, 1997.

EXTREMES FOR CURRENT YEAR.--Maximum daily rainfall during period of seasonal operation, 1.57 inches, June 6.

PRECIPITATION (INCHES), WATER YEAR OCTOBER 1996 TO SEPTEMBER 1997
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	.00	---	---	---	---	---	.00	.01	.00	.00	.18	.28
2	.00	---	---	---	---	---	.00	.00	.00	.00	.01	.18
3	.00	---	---	---	---	---	.57	.00	.00	.00	.18	.16
4	.00	---	---	---	---	---	.05	.00	.07	.00	.80	.02
5	.00	---	---	---	---	---	.00	.00	.00	.00	.07	.00
6	.00	---	---	---	---	---	.00	.00	1.57	.00	.12	.10
7	.00	---	---	---	---	---	.06	.00	.36	.18	.05	.00
8	.00	---	---	---	---	---	.01	.00	.66	.05	.00	.00
9	.00	---	---	---	---	---	.04	.00	.43	.06	.44	.22
10	.00	---	---	---	---	---	.00	.00	.02	.01	.15	.01
11	.00	---	---	---	---	---	.00	.12	.24	.04	.08	.11
12	.00	---	---	---	---	---	.00	.11	.01	.00	.03	.00
13	.00	---	---	---	---	---	.06	.00	.06	.00	.02	.00
14	.00	---	---	---	---	---	.02	.02	.03	.00	.00	.00
15	.00	---	---	---	---	---	.16	.03	.04	.00	.00	.00
16	.16	---	---	---	---	---	.00	.00	.33	.00	.00	.00
17	.00	---	---	---	---	---	.00	.00	.01	.00	.27	.00
18	.00	---	---	---	---	---	.00	.00	.00	.02	.08	.00
19	.00	---	---	---	---	---	.00	.01	.00	.04	.00	.25
20	.00	---	---	---	---	---	.13	.01	.00	.16	.06	.15
21	.00	---	---	---	---	---	.16	.32	.41	.00	.00	.05
22	.02	---	---	---	---	---	.00	.42	.01	.00	.04	.09
23	.00	---	---	---	---	---	.02	.35	.08	.02	.00	.41
24	.00	---	---	---	---	---	.00	.03	.02	.01	.08	.01
25	.00	---	---	---	---	---	.00	.00	.09	.00	.11	.00
26	.01	---	---	---	---	---	.00	.00	.01	.22	.05	.00
27	.07	---	---	---	---	---	.21	.00	.00	.22	.09	.00
28	.00	---	---	---	---	---	.50	.01	.01	.33	.46	.00
29	.00	---	---	---	---	---	.29	.06	.00	.04	.00	.01
30	.00	---	---	---	---	---	.05	.01	.00	.03	.03	.00
31	.00	---	---	---	---	---	---	.00	---	.31	.81	---
TOTAL	0.26	---	---	---	---	---	2.33	1.51	4.46	1.74	4.21	2.05

Table 44. Water-quality data collected at stream sites

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temp-erature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instan-taneous (ft3/s)	Turbidity (NTU)	Specific conduct-ance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
CC1	1996.02.06	1215	0.5	510.	0.2	2.0	51.	9.5	99.	8.1	--	--
CC1	1996.03.20	1250	--	--	0.13	2.0	63.	--	--	--	--	--
CC1	1996.05.21	1630	2.0	510.	14.2	5.1	28.	9.2	100.	7.6	--	--
CC1	1997.02.20	1300	0.5	505.	0.25	1.5	53.	9.2	97.	7.6	0.003	<0.2
CC1	1997.05.13	1320	2.0	512.	7.4	1.6	32.	9.4	101.	7.5	<0.002	<0.2
CC1	1997.05.15	1410	--	--	5.9	2.6	35.	--	--	--	0.007	0.2
CC1	1997.05.20	1300	0.5	512.	7.5	1.7	30.	10.	104.	7.4	<0.002	<0.2
CC1	1997.05.30	1405	--	--	7.	1.5	28.	--	--	--	--	--
CC1	1997.06.02	1445	--	--	7.5	1.7	26.	--	--	--	--	--
CC1	1997.07.09	1145	8.5	517.	1.5	1.8	33.	8.1	103.	--	<0.002	<0.2
CC1	1997.07.28	1435	--	--	1.5	5.3	39.	--	--	7.5	0.002	0.2
CC1	1997.08.08	1130	9.5	516.	1.6	2.4	34.	7.6	98.	7.8	<0.002	0.3
CC1	1997.09.10	1415	9.0	515.	0.57	3.3	42.	7.7	99.	7.5	<0.002	<0.2
CC2	1996.02.06	1640	0.5	520.	0.29	1.0	118.	9.5	--	8.0	--	--
CC2	1996.03.20	1445	0.5	518.	0.17	0.4	137.	9.7	99.	8.1	--	<0.2
CC2	1996.05.01	1020	0.5	515.	0.33	1.2	113.	9.9	102.	7.9	--	<0.2
CC2	1996.05.13	1100	0.5	520.	8.6	19.	55.	10.3	105.	7.3	--	0.4
CC2	1996.05.21	1820	2.0	515.	9.9	13.	38.	9.4	101.	7.5	--	0.3
CC2	1996.05.22	2015	2.0	515.	23.	7.8	43.	9.2	99.	7.9	--	0.3
CC2	1996.05.29	1945	3.0	520.	16.	3.4	44.	9.7	106.	8.0	--	0.5
CC2	1996.05.30	1810	3.5	515.	21.	2.5	49.	8.8	--	8.0	--	0.3
CC2	1996.06.04	1910	5.5	520.	7.6	3.6	52.	8.2	95.	7.7	--	0.3
CC2	1996.06.05	2010	5.5	520.	14.	63.	47.	8.7	101.	8.0	--	0.6
CC2	1996.06.11	1630	--	--	5.5	--	57.	--	--	--	--	--
CC2	1996.06.11	1725	7.5	520.	5.5	2.2	65.	6.8	84.	7.9	--	<0.2
CC2	1996.06.13	2030	6.0	523.	5.5	2.2	66.	9.1	107.	8.1	--	<0.2
CC2	1996.06.18	1555	11.0	519.	4.7	1.8	77.	6.8	91.	8.3	--	<0.2
CC2	1996.06.27	1225	8.5	521.	4.	1.3	78.	7.5	94.	8.0	--	<0.2

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temp-erature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instan-taneous (ft3/s)	Turbidity (NTU)	Specific conduct-ance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
CC2	1996.07.02	1025	8.0	525.	3.3	1.1	88.	7.	86.	8.1	--	--
CC2	1996.07.10	1540	12.5	522.	2.9	1.4	87.	7.	97.	8.2	--	<0.2
CC2	1996.07.18	1845	9.5	--	2.5	84.	94.	--	--	7.8	--	<0.2
CC2	1996.07.25	1125	8.0	525.	1.5	1.3	108.	7.7	--	8.1	--	<0.2
CC2	1996.08.03	1346	10.0	--	1.2	45.	114.	--	--	8.0	--	<0.2
CC2	1996.08.21	1515	--	--	0.54	4.0	136.	--	--	8.0	--	--
CC2	1996.08.21	1630	--	--	0.71	2500.	191.	--	--	7.6	--	--
CC2	1996.08.21	1700	--	--	0.76	2200.	234.	--	--	7.6	--	--
CC2	1996.08.27	1816	--	--	0.71	870.	150.	--	--	8.0	--	0.4
CC2	1997.02.20	1000	0.5	513.	0.32	0.7	106.	10.4	107.	7.9	0.003	<0.2
CC2	1997.05.15	1555	0.0	520.	17.	41.	42.	10.3	104.	7.2	0.007	0.5
CC2	1997.05.20	1500	1.5	520.	13.6	6.1	42.	10.2	108.	7.7	<0.002	0.2
CC2	1997.05.23	1500	3.0	518.	13.1	11.	46.	9.9	109.	7.6	<0.002	<0.2
CC2	1997.05.30	1440	4.0	--	16.	8.5	46.	--	--	--	--	--
CC2	1997.06.02	1015	3.0	520.	8.	4.2	48.	9.5	104.	--	<0.002	<0.2
CC2	1997.06.02	1640	5.9	--	16.	5.9	43.	--	--	--	--	--
CC2	1997.06.11	1105	4.0	520.	9.2	--	57.	8.8	99.	7.8	<0.002	0.2
CC2	1997.06.24	1315	9.5	535.	5.5	1.2	73.	7.6	--	8.0	<0.002	<0.2
CC2	1997.07.09	1435	10.0	524.	2.4	--	94.	8.2	106.	--	<0.002	<0.2
CC2	1997.07.22	1450	10.0	538.	1.6	1.6	99.	8.4	105.	--	0.003	<0.2
CC2	1997.07.28	1325	8.2	--	1.8	130.	94.	--	--	7.9	0.002	<0.2
CC2	1997.07.28	1510	8.5	--	2.5	2100.	88.	--	--	7.6	0.009	0.5
CC2	1997.08.07	1045	6.0	526.	2.7	5.3	72.	8.3	97.	8.1	<0.002	0.2
CC2	1997.08.11	1415	9.2	--	3.1	1400.	66.	--	--	7.5	<0.002	2.0
CC2	1997.08.21	1305	7.5	526.	1.2	2.3	91.	8.	98.	8.1	0.003	<0.2
CC2	1997.09.03	1845	8.0	--	2.4	2200.	75.	--	--	--	<0.002	4.3
CC2	1997.09.10	1530	9.0	520.	0.93	2.8	95.	7.8	100.	8.0	<0.002	<0.2
CC2	1997.09.26	1315	7.5	521.	0.99	2.7	89.	8.3	101.	8.1	<0.002	<0.2

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temperature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instantaneous (ft3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
CC5	1995.05.11	1202	--	--	3.6	1.4	102.	--	--	--	--	--
CC5	1995.05.26	1800	--	--	9.9	5.3	114.	--	--	--	--	--
CC5	1995.06.20	2400	--	--	103.	60.	50.	--	--	--	--	--
CC5	1996.03.12	1515	1.0	527.	2.8	1.5	94.	10.1	103.	7.6	--	<0.2
CC5	1996.05.08	1710	6.5	--	22.	--	90.	--	--	--	--	--
CC5	1996.05.09	1545	--	--	22.	--	81.	--	--	--	--	--
CC5	1996.05.21	1531	9.5	--	32.	--	66.	--	--	--	--	--
CC5	1996.06.11	1500	--	--	29.	0.3	67.	--	--	--	--	--
CC5	1996.06.11	1845	--	--	30.	2.9	64.	--	--	--	--	--
CC5	1996.06.11	1900	8.0	535.	30.	3.8	64.	8.2	100.	7.9	--	<0.2
CC5	1996.06.14	1100	6.0	--	31.	1.6	63.	--	--	--	--	--
CC5	1996.07.08	1805	--	--	30.	1.5	54.	--	--	--	--	--
CC5	1996.07.17	1535	12.5	--	22.	1.3	59.	--	--	--	--	--
CC5	1996.07.31	1310	11.0	--	16.	0.4	55.	--	--	--	--	--
CC5	1996.08.27	1045	--	--	8.4	--	75.	--	--	--	--	--
CC5	1996.10.02	1325	--	--	6.4	--	83.	--	--	--	--	--
CC5	1997.02.20	1434	0.0	527.	3.	0.9	84.	10.3	--	8.0	0.002	<0.2
CC5	1997.04.17	1615	--	--	4.6	29.	84.	--	--	--	--	--
CC5	1997.05.09	1555	--	--	16.	15.	80.	--	--	--	--	--
CC5	1997.05.13	1720	6.0	531.	28.	62.	66.	8.5	98.	7.6	<0.002	0.5
CC5	1997.05.16	1810	--	--	45.	38.	60.	--	--	--	--	--
CC5	1997.05.20	1015	2.5	532.	38.	6.0	60.	9.7	102.	7.6	<0.002	0.3
CC5	1997.05.29	1445	6.5	533.	26.	4.7	69.	10.1	--	8.0	0.002	<0.2
CC5	1997.06.03	1810	--	--	48.	14.	57.	--	--	--	--	--
CC5	1997.06.04	1325	9.5	535.	40.	4.8	61.	8.2	102.	7.8	--	--
CC5	1997.06.11	930	3.5	534.	45.	4.9	62.	9.1	98.	7.8	<0.002	0.2
CC5	1997.06.24	1430	9.0	535.	49.	3.4	51.	8.9	110.	8.1	<0.002	<0.2
CC5	1997.06.30	1730	--	--	42.	--	--	--	--	--	--	--
CC5	1997.07.10	1145	9.0	535.	33.	2.2	53.	8.	99.	7.7	<0.002	<0.2

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temperature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instantaneous (ft3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
CC5	1997.07.22	1220	9.0	539.	25.	1.7	51.	8.7	107.	--	<0.002	<0.2
CC5	1997.07.28	1435	8.5	--	26.	--	42.	--	--	--	--	--
CC5	1997.07.28	1630	9.3	--	27.	21.	60.	--	--	--	--	--
CC5	1997.07.28	1725	9.2	--	28.	110.	57.	--	--	7.9	0.002	<0.2
CC5	1997.08.07	1400	9.5	--	24.	2.5	53.	7.8	--	8.1	<0.002	<0.2
CC5	1997.08.09	1400	8.9	--	26.	2.3	53.	--	--	7.6	<0.002	<0.2
CC5	1997.08.09	1630	8.4	--	26.	61.	53.	--	--	7.5	<0.002	<0.2
CC5	1997.08.11	1520	9.4	--	27.	79.	53.	--	--	7.5	<0.002	<0.2
CC5	1997.08.21	1200	7.5	539.	21.	2.0	54.	8.6	102.	7.8	0.004	<0.2
CC5	1997.09.01	1615	10.4	--	24.	1500.	73.	--	--	8.2	<0.002	1.3
CC5	1997.09.01	2315	8.3	--	17.	4.1	61.	--	--	7.9	0.013	<0.2
CC5	1997.09.10	1740	10.0	535.	13.	1.7	61.	7.8	99.	7.8	<0.002	<0.2
CC5	1997.09.26	1415	9.0	535.	9.1	2.2	63.	8.4	104.	8.1	<0.002	<0.2
CC7	1996.05.08	1540	--	--	11.	--	107.	--	--	--	--	--
CC7	1996.05.31	1830	--	--	24.	2.6	89.	--	--	--	--	--
CC7	1996.06.12	1142	--	--	48.	22.	92.	--	--	--	--	--
CC7	1996.06.14	1010	--	--	50.	--	75.	--	--	--	--	--
CC7	1996.06.17	1700	10.0	--	47.	12.	77.	--	--	--	--	--
CC7	1996.06.24	1735	--	--	55.	1.8	76.	--	--	--	--	--
CC7	1996.07.01	1645	--	--	49.	1.2	76.	--	--	--	--	--
CC7	1996.07.08	1910	--	--	49.	0.2	77.	--	--	--	--	--
CC7	1996.07.30	1300	--	--	18.	0.3	84.	--	--	--	--	--
CC7	1996.08.26	1450	--	--	10.	--	105.	--	--	--	--	--
CC7	1996.11.04	1300	--	--	6.7	--	111.	--	--	--	--	--
CC7	1997.02.21	1250	2.0	546.	3.9	0.4	104.	9.1	93.	7.9	0.002	<0.2
CC7	1997.02.21	1412	--	--	4.1	0.4	114.	--	--	--	--	--
CC7	1997.04.01	1450	--	--	4.4	--	75.	--	--	--	--	--
CC7	1997.05.22	1040	--	--	20.	1.7	102.	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temperature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instantaneous (ft3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
CC7	1997.05.26	1725	--	--	58.	1.4	84.	--	--	--	--	--
CC7	1997.05.28	933	--	--	42.	2.4	87.	--	--	--	--	--
CC7	1997.06.03	1340	--	--	60.	1.7	82.	--	--	--	--	--
CC7	1997.07.22	1100	11.0	555.	31.	0.8	80.	8.2	103.	7.6	<0.002	<0.2
CC7	1997.09.11	1545	12.5	550.	21.	0.9	83.	7.6	99.	8.1	<0.002	<0.2
CC7	1997.09.18	1545	12.0	--	19.	--	91.	--	--	--	--	--
CC7	1997.09.26	1215	11.0	550.	16.	0.8	83.	7.9	100.	7.8	<0.002	<0.2
CC9	1996.05.08	1515	--	--	10.	--	102.	--	--	--	--	--
CC9	1996.05.20	1553	--	--	56.	--	57.	--	--	--	--	--
CC9	1996.05.28	1200	--	--	27.	19.	67.	--	--	--	--	--
CC9	1996.05.31	1705	--	--	34.	--	70.	--	--	--	--	--
CC9	1996.06.12	1027	--	--	71.	--	58.	--	--	--	--	--
CC9	1996.06.12	1805	4.5	552.	81.	25.	46.	9.2	98.	7.7	--	<0.2
CC9	1996.06.14	945	--	--	73.	--	46.	--	--	--	--	--
CC9	1996.06.24	1700	--	--	62.	4.3	42.	--	--	--	--	--
CC9	1996.06.24	1705	--	--	67.	3.8	42.	--	--	--	--	--
CC9	1996.07.01	1550	11.0	--	56.	--	52.	--	--	--	--	--
CC9	1996.07.08	1840	--	--	43.	0.6	55.	--	--	--	--	--
CC9	1996.07.17	1410	11.0	--	25.	--	70.	--	--	--	--	--
CC9	1996.07.31	1035	8.0	--	19.	--	74.	--	--	--	--	--
CC9	1996.08.26	1250	9.5	--	6.8	--	91.	--	--	--	--	--
CC9	1996.11.04	1050	--	--	4.	--	120.	--	--	--	--	--
CC9	1997.02.21	1015	0.0	547.	1.8	0.2	134.	9.7	93.	7.4	0.003	<0.2
CC9	1997.02.21	1135	--	--	1.8	--	150.	--	--	--	--	--
CC9	1997.04.09	1215	1.0	--	1.6	0.35	142.	--	--	--	--	--
CC9	1997.05.22	1001	--	--	40.	2.1	64.	--	--	--	--	--
CC9	1997.05.22	1020	2.5	546.	40.	3.9	66.	10.5	107.	--	<0.002	<0.2
CC9	1997.05.26	1705	--	--	35.	1.5	64.	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temperature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instantaneous (ft3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
CC9	1997.05.28	922	--	--	29.	1.4	68.	--	--	--	--	--
CC9	1997.06.03	1310	--	--	64.	2.6	55.	--	--	--	--	--
CC9	1997.08.12	1630	--	--	24.	--	77.	--	--	--	--	--
CC9	1997.09.11	1615	--	--	7.5	1.0	90.	--	--	--	--	--
CC9	1997.09.18	1440	9.5	--	7.3	--	117.	--	--	--	--	--
CC9	1997.09.26	1145	--	--	6.8	--	106.	--	--	--	--	--
CC11	1996.06.06	1615	10.0	542.	12.5	0.9	40.	8.2	103.	8.0	--	0.2
CC11	1997.05.21	1030	3.0	539.	12.7	2.5	42.	9.5	100.	7.9	<0.002	<0.2
CC11	1997.06.03	1010	4.0	544.	24.3	2.0	34.	9.2	99.	7.9	<0.002	<0.2
CC11	1997.09.11	1400	8.5	540.	4.91	1.4	58.	8.3	101.	7.9	<0.002	<0.2
CC13	1997.04.17	1400	--	--	2.5	135.	72.	--	--	--	--	--
CC13	1997.05.09	1535	--	--	--	13.	60.	--	--	--	--	--
CC13	1997.05.16	1715	--	--	26.	30.	45.	--	--	--	--	--
CC13	1997.06.03	1655	--	--	29.	7.7	48.	--	--	--	--	--
CC13	1997.06.30	1625	--	--	27.7	0.7	49.	--	--	--	--	--
CC13	1997.09.10	1645	--	--	10.	1.0	51.	--	--	--	--	--
GC1	1996.06.20	1305	8.0	513.	4.9	1.5	28.	7.7	97.	7.9	--	<0.2
GC1	1997.06.17	1610	6.0	515.	4.8	2.1	29.	8.6	103.	7.5	<0.002	0.2
GC1	1997.08.12	1230	11.5	516.	2.6	1.5	35.	8.	110.	7.5	<0.002	<0.2
GC2	1996.06.12	1645	6.0	515.	--	2.5	30.	9.1	109.	7.8	--	0.2
GC2	1997.06.05	1500	5.0	509.	7.7	3.3	23.	8.5	100.	7.3	0.003	0.2
GC2	1997.08.12	1345	9.5	--	1.	5.4	44.	--	--	7.6	0.002	0.2
GC5	1995.06.16	1800	8.5	--	38.	4.2	49.	--	--	--	--	--
GC5	1995.06.19	1809	--	--	88.	33.	41.	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temperature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instantaneous (ft3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
GC5	1995.06.21	0009	--	--	75.	17.	39.	--	--	--	--	--
GC5	1996.03.13	1100	2.0	532.	0.86	0.9	52.	9.5	99.	7.9	--	<0.2
GC5	1996.05.02	1315	6.5	535.	2.1	1.5	54.	8.4	97.	7.9	--	<0.2
GC5	1996.05.02	1318	--	--	2.1	--	55.	--	--	--	--	<0.2
GC5	1996.05.12	2249	--	--	6.6	5.9	57.	--	--	--	--	--
GC5	1996.05.13	1330	8.0	540.	6.1	1.8	60.	8.3	99.	8.0	--	<0.2
GC5	1996.05.15	2249	--	--	8.6	3.3	55.	--	--	--	--	--
GC5	1996.05.21	1945	9.0	535.	15.	2.9	49.	7.9	98.	7.6	--	--
GC5	1996.05.23	1815	10.0	530.	19.	2.0	48.	7.4	95.	8.1	--	<0.2
GC5	1996.05.30	1630	8.5	535.	20.	1.4	45.	7.8	96.	7.8	--	<0.2
GC5	1996.06.04	1715	11.0	540.	19.	6.4	45.	7.5	96.	7.1	--	<0.2
GC5	1996.06.06	1915	11.0	543.	22.	1.7	44.	7.6	97.	7.9	--	0.2
GC5	1996.06.10	1745	9.5	542.	25.	1.3	42.	8.2	101.	7.5	--	<0.2
GC5	1996.06.13	1850	9.0	524.	29.	2.6	43.	7.9	100.	8.1	--	<0.2
GC5	1996.06.18	1425	11.0	539.	27.	1.6	40.	7.5	97.	7.9	--	<0.2
GC5	1996.06.18	1430	11.0	539.	27.	1.4	40.	7.5	97.	7.8	--	<0.2
GC5	1996.06.25	1525	11.5	541.	24.	1.1	42.	8.1	105.	7.8	--	<0.2
GC5	1996.07.02	1200	9.0	544.	20.	1.3	41.	7.5	91.	8.0	--	<0.2
GC5	1996.07.09	2015	9.0	--	20.	11.	41.	--	--	7.8	--	0.2
GC5	1996.07.10	1410	12.0	542.	17.	1.6	41.	8.	104.	7.8	--	<0.2
GC5	1996.07.18	1328	--	--	30.	1.9	37.	--	--	7.5	--	<0.2
GC5	1996.07.18	1358	11.5	--	31.	8.2	37.	--	--	7.4	--	<0.2
GC5	1996.07.25	1330	13.0	544.	22.	2.4	38.	7.2	96.	7.9	--	<0.2
GC5	1996.08.23	1330	--	--	1.9	3.5	54.	--	--	7.6	--	<0.2
GC5	1996.08.23	1443	--	--	2.2	4.9	54.	--	--	7.7	--	<0.2
GC5	1997.02.19	1610	2.5	536.	1.	1.4	52.	9.6	100.	7.9	0.003	<0.2
GC5	1997.05.07	1405	7.5	538.	3.5	2.0	52.	8.2	97.	--	<0.002	<0.2
GC5	1997.05.19	1200	8.5	539.	11.	2.7	50.	8.2	100.	7.6	<0.002	<0.2
GC5	1997.05.28	1345	6.0	540.	15.	1.8	47.	8.7	99.	7.8	<0.002	<0.2

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temperature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instantaneous (ft3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
GC5	1997.06.02	1200	8.5	540.	19.	2.9	45.	8.6	104.	7.8	<0.002	<0.2
GC5	1997.06.18	1235	9.0	545.	27.	3.2	42.	8.4	102.	--	<0.002	<0.2
GC5	1997.07.01	1200	8.5	545.	23.	1.6	41.	8.5	102.	--	<0.002	<0.2
GC5	1997.07.16	1145	11.0	545.	14.	3.1	38.	7.8	100.	--	<0.002	<0.2
GC5	1997.07.29	1145	10.0	558.	17.	2.5	44.	8.3	100.	--	<0.002	<0.2
GC5	1997.08.14	1355	10.5	545.	1.4	--	50.	7.7	96.	7.4	0.003	<0.2
GC5	1997.08.21	1420	9.0	546.	1.2	1.4	49.	8.2	100.	7.5	<0.002	<0.2
GC5	1997.09.03	1746	13.0	--	3.8	2.3	50.	--	--	7.8	0.025	<0.2
GC5	1997.09.03	2015	11.0	--	6.5	18.	48.	--	--	7.7	0.033	0.4
GC5	1997.09.04	0115	8.5	--	5.9	100.	51.	--	--	7.6	0.032	0.3
GC5	1997.09.09	1630	10.5	--	1.1	1.3	49.	8.	--	7.5	<0.002	0.4
GC5	1997.09.29	1540	9.5	541.	1.6	1.1	47.	8.2	102.	7.4	<0.002	<0.2
GC7	1996.06.04	1630	9.5	540.	56.	0.9	73.	8.2	102.	7.8	--	<0.2
GC7	1997.05.22	1230	4.0	--	67.	9.1	66.	--	--	--	<0.002	<0.2
GC7	1997.08.14	1030	6.5	541.	33.	6.0	98.	8.4	97.	5.3	0.005	<0.2
GC8	1996.06.05	1845	6.0	540.	31.1	8.	35.	8.6	98.	7.8	--	0.4
GC8	1997.05.29	1255	5.5	540.	18.7	1.7	43.	10.7	120.	7.7	<0.002	<0.2
GC8	1997.08.19	1030	7.0	543.	9.5	1.0	45.	8.5	99.	8.0	0.003	<0.2
GC10	1996.05.29	1730	8.5	545.	43.	5.0	35.	8.1	97.	7.9	--	0.3
GC10	1997.05.21	1410	5.0	548.	112.	3.1	33.	9.5	104.	7.7	<0.002	<0.2
GC10	1997.08.05	1130	10.0	560.	--	2.1	37.	8.7	106.	7.7	<0.002	0.2
GC11	1996.03.13	1430	1.5	551.	12.	5.1	97.	10.8	107.	7.7	--	<0.2
GC11	1996.05.02	940	3.0	555.	26.	4.4	78.	9.6	99.	7.7	--	<0.2
GC11	1996.05.12	2141	--	--	184.	30.	56.	--	--	--	--	--
GC11	1996.05.14	1030	3.0	555.	136.	5.7	54.	8.6	88.	7.9	--	0.3

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temperature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instantaneous (ft3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
GC11	1996.05.16	2100	--	--	293.	40.	48.	--	--	--	--	--
GC11	1996.05.19	2100	--	--	336.	30.	46.	--	--	--	--	--
GC11	1996.05.20	1950	7.5	555.	213.	7.3	52.	8.8	101.	7.8	--	0.2
GC11	1996.05.20	2018	7.0	555.	212.	7.0	50.	8.9	100.	7.3	--	0.2
GC11	1996.05.23	2015	9.0	550.	233.	5.5	49.	8.3	100.	7.3	--	0.2
GC11	1996.06.03	1745	12.0	560.	160.	2.7	53.	8.1	103.	7.5	--	<0.2
GC11	1996.06.06	2100	10.5	565.	246.	7.7	52.	8.2	100.	7.7	--	0.3
GC11	1996.06.10	2020	9.5	560.	272.	8.2	48.	9.2	111.	7.6	--	<0.2
GC11	1996.06.13	1720	11.0	560.	242.	5.6	51.	8.1	101.	7.8	--	<0.2
GC11	1996.06.15	1900	--	--	329.	13.	49.	--	--	--	--	--
GC11	1996.06.20	1540	12.0	558.	215.	4.3	51.	7.2	92.	7.8	--	<0.2
GC11	1996.06.25	1400	10.0	559.	202.	3.8	50.	8.1	98.	7.6	--	<0.2
GC11	1996.07.02	1325	11.0	562.	164.	3.4	53.	7.4	92.	7.8	--	--
GC11	1996.07.10	1215	9.0	563.	140.	4.8	56.	8.3	98.	7.7	--	<0.2
GC11	1996.07.18	1245	--	--	112.	27.	57.	--	--	7.4	--	<0.2
GC11	1996.07.18	1315	--	--	107.	20.	58.	--	--	7.4	--	<0.2
GC11	1996.07.25	1450	13.0	563.	80.	4.3	62.	7.2	93.	7.7	--	<0.2
GC11	1996.09.12	1716	--	--	23.	4.8	87.	--	--	7.2	--	<0.2
GC11	1996.09.12	1844	--	--	26.	83.	86.	--	--	7.3	--	0.2
GC11	1997.02.19	1345	0.0	555.	12.	6.7	93.	10.8	102.	7.5	0.007	<0.2
GC11	1997.05.13	1420	8.0	556.	79.	4.7	58.	8.8	102.	7.5	<0.002	<0.2
GC11	1997.05.19	1115	5.0	558.	190.	6.6	51.	9.7	103.	--	<0.002	0.2
GC11	1997.05.28	1220	4.0	559.	151.	3.2	54.	9.9	103.	7.6	0.003	<0.2
GC11	1997.06.04	1115	7.0	561.	319.	7.1	47.	9.2	103.	7.6	<0.002	<0.2
GC11	1997.06.05	1755	9.0	558.	357.	8.8	44.	8.7	104.	7.9	<0.002	0.3
GC11	1997.06.18	1415	11.5	574.	313.	--	29.	8.2	100.	7.4	<0.002	<0.2
GC11	1997.07.01	1430	11.0	560.	212.	5.3	47.	8.4	104.	7.8	<0.002	<0.2
GC11	1997.07.16	1345	10.5	565.	123.	1.7	54.	8.2	100.	--	0.003	<0.2
GC11	1997.07.27	2201	10.7	--	112.	5.4	59.	--	--	7.1	0.002	<0.2

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temp-erature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instan-taneous (ft3/s)	Turbidity (NTU)	Specific conduct-ance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
GC11	1997.07.29	1316	10.7	--	97.	12.	60.	--	--	7.2	0.01	<0.2
GC11	1997.07.30	1133	11.0	565.	115.	5.2	54.	7.9	97.	--	0.002	<0.2
GC11	1997.08.04	1650	12.5	--	106.	52.	60.	--	--	7.2	0.002	0.4
GC11	1997.08.04	1730	12.5	--	109.	21.	66.	--	--	7.0	0.031	0.2
GC11	1997.08.09	1715	9.9	--	118.	140.	57.	--	--	7.3	0.021	0.4
GC11	1997.08.11	1100	7.5	562.	128.	5.6	51.	8.7	99.	7.5	<0.002	<0.2
GC11	1997.09.09	1525	10.5	560.	41.	4.5	73.	8.	98.	7.5	<0.002	<0.2
GC11	1997.09.29	1420	8.0	561.	30.	4.6	74.	8.6	99.	7.4	<0.002	<0.2
DC1	1996.03.13	1530	1.0	540.	3.	0.3	45.	9.9	98.	8.0	--	<0.2
DC1	1996.05.02	1250	4.0	545.	5.2	1.2	48.	9.2	99.	7.8	--	<0.2
DC1	1996.05.11	900	--	--	12.	3.8	41.	--	--	--	--	--
DC1	1996.05.13	900	--	--	16.	4.1	39.	--	--	--	--	--
DC1	1996.05.14	1430	6.0	545.	16.	1.0	40.	8.8	99.	8.0	--	0.4
DC1	1996.05.16	2000	--	--	23.	7.0	34.	--	--	--	--	--
DC1	1996.05.22	1630	7.0	540.	29.	1.4	36.	8.6	100.	7.9	--	<0.2
DC1	1996.05.29	1445	5.5	545.	22.	1.0	39.	10.4	116.	8.0	--	<0.2
DC1	1996.06.03	1540	7.5	555.	20.	0.7	37.	9.3	107.	7.7	--	0.2
DC1	1996.06.05	1600	7.5	550.	26.	2.8	34.	8.5	99.	8.0	--	<0.2
DC1	1996.06.10	1535	6.5	--	27.	0.7	32.	--	--	--	--	<0.2
DC1	1996.06.13	1510	7.0	552.	28.	0.6	33.	9.4	108.	7.8	--	<0.2
DC1	1996.06.20	1800	8.0	548.	30.	1.3	32.	8.9	105.	7.8	--	<0.2
DC1	1996.06.25	1145	5.5	551.	27.	0.5	32.	8.6	95.	--	--	<0.2
DC1	1996.07.02	1555	8.0	552.	23.	0.6	33.	7.6	88.	8.0	--	<0.2
DC1	1996.07.02	1600	8.0	552.	23.	0.6	33.	7.6	88.	7.9	--	--
DC1	1996.07.10	1005	6.0	552.	22.	0.5	36.	9.6	107.	7.9	--	<0.2
DC1	1996.07.18	1800	--	--	26.	7.4	35.	--	--	7.3	--	0.3
DC1	1996.07.18	1835	--	--	31.	9.6	35.	--	--	7.5	--	0.3
DC1	1996.07.25	1700	8.5	553.	13.	--	37.	8.7	102.	7.8	--	<0.2

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Water temperature (degrees Celsius)	Air pressure (mm of Hg)	Discharge, instantaneous (ft3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)
DC1	1996.08.07	1420	--	--	9.5	2.0	36.	--	--	7.8	--	<0.2
DC1	1996.08.21	1620	--	--	7.2	1.2	38.	--	--	7.6	--	<0.2
DC1	1996.08.21	1643	--	--	7.9	20.	38.	--	--	7.5	--	0.2
DC1	1996.08.23	1430	--	--	8.7	2.9	39.	--	--	7.8	--	<0.2
DC1	1996.08.23	1453	--	--	11.	51.	43.	--	--	7.6	--	0.5
DC1	1996.08.28	1310	--	--	7.6	22.	40.	--	--	7.4	--	<0.2
DC1	1996.09.12	1310	--	--	8.7	49.	37.	--	--	7.5	--	0.4
DC1	1997.02.19	1030	--	548.	2.8	0.9	44.	10.5	--	7.9	0.002	<0.2
DC1	1997.05.07	1635	4.0	547.	12.	6.3	44.	11.	117.	7.5	<0.002	<0.3
DC1	1997.05.19	1522	6.0	550.	25.	2.1	38.	9.2	102.	7.4	<0.002	<0.2
DC1	1997.05.23	925	2.5	549.	22.	2.2	41.	9.9	100.	7.8	<0.002	<0.2
DC1	1997.05.29	1055	3.5	--	35.	--	40.	--	--	7.5	<0.002	<0.2
DC1	1997.06.03	1400	6.0	553.	32.	1.2	34.	9.3	104.	7.5	<0.002	<0.2
DC1	1997.06.05	2000	4.5	550.	78.	2.5	30.	9.7	104.	7.5	0.014	<0.2
DC1	1997.06.11	1330	6.0	551.	69.	3.0	30.	9.	101.	7.5	<0.002	0.3
DC1	1997.06.25	1615	7.0	552.	78.	0.9	30.	8.9	102.	7.7	<0.002	<0.2
DC1	1997.07.10	1430	7.0	551.	64.	0.6	33.	8.8	101.	7.5	<0.002	<0.2
DC1	1997.07.29	1445	8.0	550.	21.	0.8	35.	8.7	102.	--	<0.002	<0.2
DC1	1997.08.03	1845	9.1	--	9.7	4.0	37.	--	--	7.6	0.024	<0.2
DC1	1997.08.03	2045	8.2	--	9.7	12.	36.	--	--	7.4	0.036	0.6
DC1	1997.08.04	1445	7.9	--	9.6	74.	40.	--	--	7.5	0.002	0.6
DC1	1997.08.04	1915	7.5	--	13.	1.6	37.	--	--	7.6	<0.002	<0.2
DC1	1997.08.09	1345	7.3	--	16.	1.4	34.	--	--	7.3	0.007	<0.2
DC1	1997.08.09	1715	6.9	--	23.	20.	34.	--	--	7.5	0.015	0.2
DC1	1997.08.11	1350	7.0	551.	16.	1.0	36.	8.6	99.	7.6	<0.002	<0.2
DC1	1997.09.09	1345	7.5	550.	11.	0.7	38.	8.1	94.	7.3	<0.002	<0.2
DC1	1997.09.29	1305	5.5	550.	8.	0.6	36.	--	--	7.6	<0.002	<0.2

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
CC1	1996.02.06	1215	--	--	--	--	--	--	--	--	--
CC1	1996.03.20	1250	--	--	--	--	--	--	--	--	--
CC1	1996.05.21	1630	--	--	--	12.	3.3	0.8	0.8	0.8	15.
CC1	1997.02.20	1300	0.13	0.005	<0.001	23.	6.4	1.6	1.6	0.5	25.
CC1	1997.05.13	1320	0.017	0.008	0.001	--	--	--	--	--	--
CC1	1997.05.15	1410	0.016	0.014	0.001	--	--	--	--	--	--
CC1	1997.05.20	1300	0.014	0.009	0.001	--	--	--	--	--	--
CC1	1997.05.30	1405	--	--	--	--	--	--	--	--	--
CC1	1997.06.02	1445	--	--	--	--	--	--	--	--	--
CC1	1997.07.09	1145	<0.005	0.011	0.003	--	--	--	--	--	--
CC1	1997.07.28	1435	0.01	0.023	0.007	--	--	--	--	--	--
CC1	1997.08.08	1130	0.005	0.014	0.005	--	--	--	--	--	--
CC1	1997.09.10	1415	<0.005	0.016	0.005	18.	5.	1.3	1.6	0.3	22.
						--					
CC2	1996.02.06	1640	--	--	--	--	--	--	--	--	--
CC2	1996.03.20	1445	0.120	0.002	--	63.	14.	6.9	2.2	0.8	61.
CC2	1996.05.01	1020	0.080	0.006	--	53.	12.	5.5	2.1	0.8	54.
CC2	1996.05.13	1100	0.020	0.036	--	22.	5.6	1.9	1.1	1.8	25.
CC2	1996.05.21	1820	0.020	0.01	--	16.	4.2	1.4	1.	0.8	16.
CC2	1996.05.22	2015	0.020	0.018	--	16.	4.1	1.4	0.9	0.8	16.
CC2	1996.05.29	1945	0.020	0.01	--	19.	5.	1.7	1.2	0.7	19.
CC2	1996.05.30	1810	0.020	0.017	--	22.	5.6	2.	1.2	0.6	21.
CC2	1996.06.04	1910	0.030	0.008	--	23.	5.6	2.1	1.1	0.6	23.
CC2	1996.06.05	2010	0.030	0.17	--	19.	4.8	1.8	1.1	0.6	18.
CC2	1996.06.11	1630	--	--	--	25.	6.2	2.3	1.1	0.7	--
CC2	1996.06.11	1725	0.020	0.011	--	28.	6.8	2.7	1.3	0.7	27.
CC2	1996.06.13	2030	0.020	0.008	--	30.	7.2	2.8	1.4	0.6	28.
CC2	1996.06.18	1555	0.020	0.007	--	33.	7.8	3.2	1.4	0.6	31.
CC2	1996.06.27	1225	0.010	0.008	--	35.	8.1	3.7	1.5	0.6	37.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
CC2	1996.07.02	1025	--	--	--	40.	9.2	4.1	1.6	0.6	42.
CC2	1996.07.10	1540	<0.005	0.007	--	40.	9.3	4.1	1.6	0.6	42.
CC2	1996.07.18	1845	0.010	0.016	--	42.	9.2	4.5	1.7	0.8	41.
CC2	1996.07.25	1125	0.006	0.007	--	52.	12.	5.4	1.9	0.6	54.
CC2	1996.08.03	1346	0.030	0.058	--	50.	11.	5.5	1.9	0.8	48.
CC2	1996.08.21	1515	--	--	--	63.	14.	6.9	2.	0.8	60.
CC2	1996.08.21	1630	--	--	--	75.	14.	9.8	3.6	1.7	44.
CC2	1996.08.21	1700	--	--	--	89.	16.	12.	5.6	1.7	47.
CC2	1996.08.27	1816	0.084	0.93	--	63.	13.	7.4	3.	1.	55.
CC2	1997.02.20	1000	0.110	<0.001	<0.001	53.	12.	5.6	1.9	0.7	51.
CC2	1997.05.15	1555	0.020	0.049	0.002	--	--	--	--	--	--
CC2	1997.05.20	1500	0.020	0.011	0.001	--	--	--	--	--	--
CC2	1997.05.23	1500	0.022	0.019	0.002	--	--	--	--	--	--
CC2	1997.05.30	1440	--	--	--	--	--	--	--	--	--
CC2	1997.06.02	1015	0.021	0.009	0.001	21.	5.3	1.9	1.1	0.5	20.
CC2	1997.06.02	1640	--	--	--	--	--	--	--	--	--
CC2	1997.06.11	1105	0.016	0.006	<0.001	--	--	--	--	--	--
CC2	1997.06.24	1315	0.015	0.005	0.002	--	--	--	--	--	--
CC2	1997.07.09	1435	0.006	0.006	0.001	--	--	--	--	--	--
CC2	1997.07.22	1450	0.009	0.009	0.001	--	--	--	--	--	--
CC2	1997.07.28	1325	0.019	0.113	0.006	--	--	--	--	--	--
CC2	1997.07.28	1510	0.038	1.59	0.009	--	--	--	--	--	--
CC2	1997.08.07	1045	0.006	0.015	0.003	--	--	--	--	--	--
CC2	1997.08.11	1415	0.030	1.31	0.005	--	--	--	--	--	--
CC2	1997.08.21	1305	0.006	0.008	0.002	--	--	--	--	--	--
CC2	1997.09.03	1845	0.108	3.18	0.005	28.	5.6	3.4	1.9	1.4	28.
CC2	1997.09.10	1530	<0.005	0.009	0.003	44.	10.	4.5	1.8	0.6	45.
CC2	1997.09.26	1315	<0.005	0.008	0.001	42.	9.6	4.4	1.8	0.6	44.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
CC5	1995.05.11	1202	--	--	--	--	--	--	--	--	--
CC5	1995.05.26	1800	--	--	--	--	--	--	--	--	--
CC5	1995.06.20	2400	--	--	--	--	--	--	--	--	--
CC5	1996.03.12	1515	0.20	0.001	--	40.	10.	3.7	1.8	1.	38.
CC5	1996.05.08	1710	--	--	--	--	--	--	--	--	--
CC5	1996.05.09	1545	--	--	--	--	--	--	--	--	--
CC5	1996.05.21	1531	--	--	--	--	--	--	--	--	--
CC5	1996.06.11	1500	--	--	--	--	--	--	--	--	--
CC5	1996.06.11	1845	--	--	--	--	--	--	--	--	--
CC5	1996.06.11	1900	0.08	0.012	--	28.	7.1	2.5	1.3	1.	26.
CC5	1996.06.14	1100	--	--	--	--	--	--	--	--	--
CC5	1996.07.08	1805	--	--	--	--	--	--	--	--	--
CC5	1996.07.17	1535	--	--	--	--	--	--	--	--	--
CC5	1996.07.31	1310	--	--	--	--	--	--	--	--	--
CC5	1996.08.27	1045	--	--	--	--	--	--	--	--	--
CC5	1996.10.02	1325	--	--	--	--	--	--	--	--	--
CC5	1997.02.20	1434	0.18	0.002	<0.001	35.	8.9	3.1	1.4	0.9	35.
CC5	1997.04.17	1615	--	--	--	--	--	--	--	--	--
CC5	1997.05.09	1555	--	--	--	--	--	--	--	--	--
CC5	1997.05.13	1720	0.063	0.12	0.002	--	--	--	--	--	--
CC5	1997.05.16	1810	--	--	--	--	--	--	--	--	--
CC5	1997.05.20	1015	0.051	0.021	0.002	--	--	--	--	--	--
CC5	1997.05.29	1445	0.048	0.009	<0.001	--	--	--	--	--	--
CC5	1997.06.03	1810	--	--	--	--	--	--	--	--	--
CC5	1997.06.04	1325	--	--	--	27.	6.8	2.4	1.2	0.8	25.
CC5	1997.06.11	930	0.078	0.011	0.001	--	--	--	--	--	--
CC5	1997.06.24	1430	0.096	0.009	0.002	--	--	--	--	--	--
CC5	1997.06.30	1730	--	--	--	--	--	--	--	--	--
CC5	1997.07.10	1145	0.066	0.006	<0.001	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
CC5	1997.07.22	1220	0.066	0.018	<0.001	--	--	--	--	--	--
CC5	1997.07.28	1435	--	--	--	--	--	--	--	--	--
CC5	1997.07.28	1630	--	--	--	--	--	--	--	--	--
CC5	1997.07.28	1725	0.058	0.112	0.003	--	--	--	--	--	--
CC5	1997.08.07	1400	0.052	0.005	0.001	--	--	--	--	--	--
CC5	1997.08.09	1400	0.074	0.016	<0.001	--	--	--	--	--	--
CC5	1997.08.09	1630	0.092	0.072	<0.001	--	--	--	--	--	--
CC5	1997.08.11	1520	0.065	0.063	<0.001	--	--	--	--	--	--
CC5	1997.08.21	1200	0.071	0.003	<0.001	--	--	--	--	--	--
CC5	1997.09.01	1615	0.073	1.36	0.004	29.	7.8	2.4	1.4	2.	38.
CC5	1997.09.01	2315	0.082	0.013	0.002	27.	6.8	2.5	1.2	0.9	27.
CC5	1997.09.10	1740	0.073	0.003	<0.001	27.	6.9	2.4	1.2	0.9	28.
CC5	1997.09.26	1415	0.082	0.004	0.001	29.	7.2	2.6	1.3	0.9	30.
CC7	1996.05.08	1540	--	--	--	--	--	--	--	--	--
CC7	1996.05.31	1830	--	--	--	--	--	--	--	--	--
CC7	1996.06.12	1142	--	--	--	--	--	--	--	--	--
CC7	1996.06.14	1010	--	--	--	--	--	--	--	--	--
CC7	1996.06.17	1700	--	--	--	--	--	--	--	--	--
CC7	1996.06.24	1735	--	--	--	--	--	--	--	--	--
CC7	1996.07.01	1645	--	--	--	--	--	--	--	--	--
CC7	1996.07.08	1910	--	--	--	--	--	--	--	--	--
CC7	1996.07.30	1300	--	--	--	--	--	--	--	--	--
CC7	1996.08.26	1450	--	--	--	--	--	--	--	--	--
CC7	1996.11.04	1300	--	--	--	--	--	--	--	--	--
CC7	1997.02.21	1250	0.10	0.002	<0.001	48.	13.	3.8	1.6	1.3	48.
CC7	1997.02.21	1412	--	--	--	--	--	--	--	--	--
CC7	1997.04.01	1450	--	--	--	--	--	--	--	--	--
CC7	1997.05.22	1040	--	--	--	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
CC7	1997.05.26	1725	--	--	--	--	--	--	--	--	--
CC7	1997.05.28	933	--	--	--	--	--	--	--	--	--
CC7	1997.06.03	1340	--	--	--	--	--	--	--	--	--
CC7	1997.07.22	1100	0.107	0.001	<0.001	--	--	--	--	--	--
CC7	1997.09.11	1545	0.092	0.002	<0.001	36.	9.7	3.	1.4	1.2	37.
CC7	1997.09.18	1545	--	--	--	--	--	--	--	--	--
CC7	1997.09.26	1215	0.101	0.002	<0.001	38.	9.9	3.1	1.4	1.1	39.
CC9	1996.05.08	1515	--	--	--	--	--	--	--	--	--
CC9	1996.05.20	1553	--	--	--	--	--	--	--	--	--
CC9	1996.05.28	1200	--	--	--	--	--	--	--	--	--
CC9	1996.05.31	1705	--	--	--	--	--	--	--	--	--
CC9	1996.06.12	1027	--	--	--	--	--	--	--	--	--
CC9	1996.06.12	1805	0.085	0.066	--	17.	4.6	1.3	0.9	0.6	12.
CC9	1996.06.14	945	--	--	--	--	--	--	--	--	--
CC9	1996.06.24	1700	--	--	--	--	--	--	--	--	--
CC9	1996.06.24	1705	--	--	--	--	--	--	--	--	--
CC9	1996.07.01	1550	--	--	--	--	--	--	--	--	--
CC9	1996.07.08	1840	--	--	--	--	--	--	--	--	--
CC9	1996.07.17	1410	--	--	--	--	--	--	--	--	--
CC9	1996.07.31	1035	--	--	--	--	--	--	--	--	--
CC9	1996.08.26	1250	--	--	--	--	--	--	--	--	--
CC9	1996.11.04	1050	--	--	--	--	--	--	--	--	--
CC9	1997.02.21	1015	0.10	<0.001	0.001	59.	16.	4.7	2.	0.8	30.
CC9	1997.02.21	1135	--	--	--	--	--	--	--	--	--
CC9	1997.04.09	1215	--	--	--	--	--	--	--	--	--
CC9	1997.05.22	1001	--	--	--	--	--	--	--	--	--
CC9	1997.05.22	1020	0.044	0.008	0.002	--	--	--	--	--	--
CC9	1997.05.26	1705	--	--	--	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
CC9	1997.05.28	922	--	--	--	--	--	--	--	--	--
CC9	1997.06.03	1310	--	--	--	--	--	--	--	--	--
CC9	1997.08.12	1630	--	--	--	--	--	--	--	--	--
CC9	1997.09.11	1615	--	--	--	--	--	--	--	--	--
CC9	1997.09.18	1440	--	--	--	--	--	--	--	--	--
CC9	1997.09.26	1145	--	--	--	--	--	--	--	--	--
CC11	1996.06.06	1615	0.058	0.008	--	15.	4.5	0.9	1.3	0.7	16.
CC11	1997.05.21	1030	0.039	0.008	0.001	--	--	--	--	--	--
CC11	1997.06.03	1010	0.057	0.008	0.002	15.	4.3	0.9	1.3	0.6	14.
CC11	1997.09.11	1400	0.083	0.005	<0.001	25.	7.4	1.5	1.9	0.8	26.
CC13	1997.04.17	1400	--	--	--	--	--	--	--	--	--
CC13	1997.05.09	1535	--	--	--	--	--	--	--	--	--
CC13	1997.05.16	1715	--	--	--	--	--	--	--	--	--
CC13	1997.06.03	1655	--	--	--	--	--	--	--	--	--
CC13	1997.06.30	1625	--	--	--	--	--	--	--	--	--
CC13	1997.09.10	1645	--	--	--	--	--	--	--	--	--
GC1	1996.06.20	1305	0.033	0.011	--	10.	2.8	0.8	0.7	0.6	12.
GC1	1997.06.17	1610	0.039	0.01	0.001	12.	3.3	0.9	0.8	0.6	12.
GC1	1997.08.12	1230	0.02	0.01	0.001	--	--	--	--	--	--
GC2	1996.06.12	1645	0.019	0.016	--	12.	3.4	0.8	1.1	0.7	12.
GC2	1997.06.05	1500	0.017	0.013	0.001	10.	2.7	0.7	0.9	0.5	10.
GC2	1997.08.12	1345	0.029	0.009	0.004	--	--	--	--	--	--
GC5	1995.06.16	1800	--	--	--	--	--	--	--	--	--
GC5	1995.06.19	1809	--	--	--	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
GC5	1995.06.21	0009	--	--	--	--	--	--	--	--	--
GC5	1996.03.13	1100	0.11	0.002	--	19.	5.5	1.2	1.9	0.9	19.
GC5	1996.05.02	1315	0.10	0.008	--	20.	5.8	1.3	1.9	1.	22.
GC5	1996.05.02	1318	0.088	0.006	--	20.	5.8	1.3	1.9	1.	--
GC5	1996.05.12	2249	--	--	--	--	--	--	--	--	--
GC5	1996.05.13	1330	0.048	0.005	--	20.	6.	1.3	1.9	1.	21.
GC5	1996.05.15	2249	--	--	--	--	--	--	--	--	--
GC5	1996.05.21	1945	--	--	--	18.	5.4	1.2	1.8	1.	19.
GC5	1996.05.23	1815	0.11	0.005	--	17.	5.1	1.1	1.7	0.9	18.
GC5	1996.05.30	1630	0.058	0.007	--	17.	5.	1.	1.7	0.9	17.
GC5	1996.06.04	1715	0.053	0.002	--	16.	4.9	1.	1.6	0.8	16.
GC5	1996.06.06	1915	0.060	0.004	--	16.	4.8	1.	1.5	0.9	17.
GC5	1996.06.10	1745	0.057	0.008	--	16.	4.7	1.	1.5	0.8	16.
GC5	1996.06.13	1850	0.059	0.002	--	16.	4.8	1.	1.5	0.8	16.
GC5	1996.06.18	1425	0.048	0.006	--	15.	4.3	1.	1.4	0.7	16.
GC5	1996.06.18	1430	0.054	0.006	--	15.	4.4	1.	1.4	0.7	16.
GC5	1996.06.25	1525	0.027	0.006	--	15.	4.4	1.	1.4	0.8	17.
GC5	1996.07.02	1200	0.033	0.008	--	15.	4.4	1.	1.4	0.7	19.
GC5	1996.07.09	2015	0.022	0.028	--	15.	4.3	1.	1.4	0.8	19.
GC5	1996.07.10	1410	0.010	0.006	--	15.	4.6	1.	1.4	0.8	19.
GC5	1996.07.18	1328	0.010	0.009	--	14.	3.9	0.9	1.2	0.9	15.
GC5	1996.07.18	1358	0.011	0.004	--	13.	3.8	0.9	1.2	0.8	15.
GC5	1996.07.25	1330	0.006	0.025	--	15.	4.3	1.	1.3	0.8	21.
GC5	1996.08.23	1330	0.018	0.007	--	22.	6.4	1.4	1.8	1.1	23.
GC5	1996.08.23	1443	0.014	0.016	--	22.	6.4	1.4	1.8	1.1	24.
GC5	1997.02.19	1610	0.091	0.009	<0.001	20.	5.8	1.3	1.7	0.9	21.
GC5	1997.05.07	1405	0.055	0.006	0.002	--	--	--	--	--	--
GC5	1997.05.19	1200	0.065	0.009	0.002	--	--	--	--	--	--
GC5	1997.05.28	1345	0.108	0.005	<0.001	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
GC5	1997.06.02	1200	0.074	0.006	0.001	17.	5.1	1.1	1.6	0.8	17.
GC5	1997.06.18	1235	0.039	0.006	0.002	--	--	--	--	--	--
GC5	1997.07.01	1200	0.024	0.004	0.002	--	--	--	--	--	--
GC5	1997.07.16	1145	0.014	0.007	<0.001	--	--	--	--	--	--
GC5	1997.07.29	1145	0.026	0.004	0.001	--	--	--	--	--	--
GC5	1997.08.14	1355	0.015	0.004	0.001	--	--	--	--	--	--
GC5	1997.08.21	1420	0.043	0.003	<0.001	--	--	--	--	--	--
GC5	1997.09.03	1746	0.032	0.006	0.001	19.	5.5	1.2	1.7	0.9	21.
GC5	1997.09.03	2015	0.059	0.056	0.002	19.	5.5	1.2	1.7	0.9	20.
GC5	1997.09.04	0115	0.065	0.097	0.001	19.	5.8	1.2	1.7	1.	22.
GC5	1997.09.09	1630	0.031	0.002	0.001	19.	5.6	1.2	1.7	0.9	21.
GC5	1997.09.29	1540	0.043	0.003	0.001	19.	5.4	1.2	1.7	0.9	22.
GC7	1996.06.04	1630	0.085	0.002	--	24.	6.1	2.2	1.2	0.9	5.
GC7	1997.05.22	1230	0.070	0.01	0.002	--	--	--	--	--	--
GC7	1997.08.14	1030	0.082	0.004	<0.001	--	--	--	--	--	--
GC8	1996.06.05	1845	0.067	0.032	--	14.	3.6	1.2	1.1	0.6	10.
GC8	1997.05.29	1255	0.025	0.007	<0.001	--	--	--	--	--	--
GC8	1997.08.19	1030	0.051	0.002	0.001	--	--	--	--	--	--
GC10	1996.05.29	1730	0.033	0.008	--	13.	4.1	0.8	1.6	0.8	15.
GC10	1997.05.21	1410	0.037	0.013	0.002	--	--	--	--	--	--
GC10	1997.08.05	1130	0.071	0.008	0.001	--	--	--	--	--	--
GC11	1996.03.13	1430	0.13	0.004	--	32.	8.5	2.7	2.9	1.1	10.
GC11	1996.05.02	940	0.082	0.009	--	28.	7.4	2.3	2.5	1.1	18.
GC11	1996.05.12	2141	--	--	--	--	--	--	--	--	--
GC11	1996.05.14	1030	0.053	0.017	--	19.	5.1	1.5	1.4	1.2	13.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
GC11	1996.05.16	2100	--	--	--	--	--	--	--	--	--
GC11	1996.05.19	2100	--	--	--	--	--	--	--	--	--
GC11	1996.05.20	1950	0.072	0.014	--	16.	4.4	1.3	1.3	0.9	11.
GC11	1996.05.20	2018	0.075	0.043	--	18.	4.8	1.5	1.4	0.9	11.
GC11	1996.05.23	2015	0.070	0.011	--	18.	4.7	1.4	1.4	0.9	11.
GC11	1996.06.03	1745	0.057	0.006	--	19.	5.	1.5	1.5	0.8	11.
GC11	1996.06.06	2100	0.071	0.021	--	17.	4.6	1.4	1.3	0.7	10.
GC11	1996.06.10	2020	0.055	0.01	--	17.	4.5	1.4	1.2	0.7	9.
GC11	1996.06.13	1720	0.062	0.011	--	18.	4.7	1.4	1.3	0.6	10.
GC11	1996.06.15	1900	--	--	--	--	--	--	--	--	--
GC11	1996.06.20	1540	0.059	0.011	--	17.	4.4	1.4	1.2	0.6	9.
GC11	1996.06.25	1400	0.061	0.029	--	17.	4.5	1.4	1.3	0.6	9.
GC11	1996.07.02	1325	--	--	--	18.	4.7	1.5	1.3	0.6	9.
GC11	1996.07.10	1215	0.046	0.005	--	19.	5.	1.6	1.3	0.6	10.
GC11	1996.07.18	1245	0.047	0.003	--	19.	4.9	1.7	1.4	0.9	8.8
GC11	1996.07.18	1315	0.048	0.004	--	19.	4.9	1.6	1.3	0.8	8.8
GC11	1996.07.25	1450	0.024	0.007	--	22.	5.8	1.8	1.6	0.8	11.
GC11	1996.09.12	1716	0.043	0.004	--	28.	7.4	2.4	2.1	0.9	5.8
GC11	1996.09.12	1844	0.056	0.52	--	29.	7.7	2.4	2.1	1.	6.8
GC11	1997.02.19	1345	0.110	0.003	<0.001	33.	8.7	2.7	2.5	1.	7.4
GC11	1997.05.13	1420	0.039	0.01	0.003	--	--	--	--	--	--
GC11	1997.05.19	1115	0.044	0.012	0.002	--	--	--	--	--	--
GC11	1997.05.28	1220	0.052	0.01	<0.001	--	--	--	--	--	--
GC11	1997.06.04	1115	0.051	0.016	0.001	17.	4.5	1.3	1.3	0.7	9.3
GC11	1997.06.05	1755	0.056	0.017	0.002	16.	4.3	1.3	1.2	0.7	8.9
GC11	1997.06.18	1415	0.047	0.009	0.002	--	--	--	--	--	--
GC11	1997.07.01	1430	0.058	0.012	0.001	--	--	--	--	--	--
GC11	1997.07.16	1345	0.050	0.008	<0.001	--	--	--	--	--	--
GC11	1997.07.27	2201	0.038	0.009	0.001	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
GC11	1997.07.29	1316	0.047	0.024	0.002	--	--	--	--	--	--
GC11	1997.07.30	1133	0.051	0.011	0.001	--	--	--	--	--	--
GC11	1997.08.04	1650	0.066	0.081	0.002	--	--	--	--	--	--
GC11	1997.08.04	1730	0.065	0.038	0.001	--	--	--	--	--	--
GC11	1997.08.09	1715	0.094	0.197	<0.001	--	--	--	--	--	--
GC11	1997.08.11	1100	0.074	0.008	0.001	--	--	--	--	--	--
GC11	1997.09.09	1525	0.087	0.006	0.001	25.	6.6	2.1	1.9	0.82	9.2
GC11	1997.09.29	1420	0.078	0.011	<0.001	26.	6.8	2.2	2.1	0.82	8.6
DC1	1996.03.13	1530	0.220	0.003	--	18.	4.7	1.4	2.2	0.7	19.
DC1	1996.05.02	1250	0.088	0.005	--	19.	5.	1.5	2.1	0.8	21.
DC1	1996.05.11	900	--	--	--	--	--	--	--	--	--
DC1	1996.05.13	900	--	--	--	--	--	--	--	--	--
DC1	1996.05.14	1430	0.083	0.007	--	15.	4.1	1.1	1.6	1.	18.
DC1	1996.05.16	2000	--	--	--	--	--	--	--	--	--
DC1	1996.05.22	1630	0.110	0.011	--	13.	3.6	1.	1.6	0.8	15.
DC1	1996.05.29	1445	0.076	0.008	--	15.	4.	1.1	1.8	0.8	16.
DC1	1996.06.03	1540	0.081	0.005	--	13.	3.7	1.	1.7	0.7	15.
DC1	1996.06.05	1600	0.092	0.004	--	12.	3.4	0.9	1.5	0.6	14.
DC1	1996.06.10	1535	0.078	0.008	--	11.	3.1	0.8	1.4	0.8	--
DC1	1996.06.13	1510	0.077	0.005	--	11.	3.2	0.8	1.5	0.6	13.
DC1	1996.06.20	1800	0.067	0.006	--	11.	3.	0.8	1.4	0.6	13.
DC1	1996.06.25	1145	0.067	0.006	--	11.	3.1	0.8	1.5	0.5	14.
DC1	1996.07.02	1555	0.034	0.006	--	12.	3.3	0.9	1.6	0.5	17.
DC1	1996.07.02	1600	--	--	--	12.	3.3	0.9	1.6	0.5	15.
DC1	1996.07.10	1005	0.059	0.006	--	13.	3.5	0.9	1.6	0.5	17.
DC1	1996.07.18	1800	0.070	0.028	--	12.	3.3	0.9	1.5	0.7	14.
DC1	1996.07.18	1835	0.065	0.004	--	12.	3.3	1.	1.5	0.8	15.
DC1	1996.07.25	1700	0.035	0.007	--	14.	3.8	1.	1.8	0.6	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)
DC1	1996.08.07	1420	0.116	0.011	--	13.	3.7	1.	1.7	0.7	16.
DC1	1996.08.21	1620	0.067	0.005	--	15.	4.	1.1	1.9	0.6	17.
DC1	1996.08.21	1643	0.071	0.023	--	15.	4.	1.1	1.8	0.6	17.
DC1	1996.08.23	1430	0.063	0.009	--	15.	4.	1.1	1.8	0.6	17.
DC1	1996.08.23	1453	0.056	0.077	--	14.	4.	1.	1.7	0.7	17.
DC1	1996.08.28	1310	0.078	0.03	--	14.	3.9	1.1	1.8	0.7	17.
DC1	1996.09.12	1310	0.026	0.097	--	13.	3.7	1.	1.6	0.8	16.
DC1	1997.02.19	1030	0.190	0.002	<0.001	18.	4.7	1.4	1.9	0.6	19.
DC1	1997.05.07	1635	0.062	0.018	0.002	--	--	--	--	--	--
DC1	1997.05.19	1522	0.056	0.01	0.003	--	--	--	--	--	--
DC1	1997.05.23	925	0.065	0.006	0.002	--	--	--	--	--	--
DC1	1997.05.29	1055	0.060	0.005	<0.001	--	--	--	--	--	--
DC1	1997.06.03	1400	0.066	0.006	0.001	13.	3.6	0.9	1.5	0.6	14.
DC1	1997.06.05	2000	0.087	0.008	0.002	12.	3.3	0.9	1.5	0.6	12.
DC1	1997.06.11	1330	0.045	0.007	0.001	--	--	--	--	--	--
DC1	1997.06.25	1615	0.049	0.005	0.002	--	--	--	--	--	--
DC1	1997.07.10	1430	0.038	0.004	<0.001	--	--	--	--	--	--
DC1	1997.07.29	1445	0.047	0.001	0.001	--	--	--	--	--	--
DC1	1997.08.03	1845	0.053	0.009	0.001	--	--	--	--	--	--
DC1	1997.08.03	2045	0.080	0.055	0.001	--	--	--	--	--	--
DC1	1997.08.04	1445	0.059	0.099	0.003	--	--	--	--	--	--
DC1	1997.08.04	1915	0.055	0.005	0.001	--	--	--	--	--	--
DC1	1997.08.09	1345	0.064	0.005	<0.001	--	--	--	--	--	--
DC1	1997.08.09	1715	0.078	0.029	<0.001	--	--	--	--	--	--
DC1	1997.08.11	1350	0.044	0.003	0.001	--	--	--	--	--	--
DC1	1997.09.09	1345	0.060	0.002	0.001	13.	3.7	1.	1.8	0.5	16.
DC1	1997.09.29	1305	0.092	0.003	<0.001	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
CC1	1996.02.06	1215	--	--	--	--	--	--	--	--	--	--
CC1	1996.03.20	1250	--	--	--	--	--	--	--	--	--	--
CC1	1996.05.21	1630	0.3	1.0	--	4.9	--	--	<1.	<1.	1,100.	420.
CC1	1997.02.20	1300	0.1	2.6	--	8.3	--	--	<1.	<1.	270.	140.
CC1	1997.05.13	1320	0.2	1.6	--	--	--	--	<1.	<1.	450.	230.
CC1	1997.05.15	1410	0.3	1.8	--	--	--	--	<1.	1.	950.	250.
CC1	1997.05.20	1300	0.2	1.4	--	--	--	--	<1.	<1.	460.	210.
CC1	1997.05.30	1405	0.1	--	--	--	--	--	--	--	--	--
CC1	1997.06.02	1445	0.1	--	--	--	--	--	--	--	--	--
CC1	1997.07.09	1145	<0.1	1.9	--	--	--	--	<1.	<1.	660.	450.
CC1	1997.07.28	1435	<0.1	0.8	--	--	--	--	1.	<1.	1,300.	560.
CC1	1997.08.08	1130	0.1	1.1	--	--	--	--	<1.	1.	1,000.	720.
CC1	1997.09.10	1415	<0.1	1.0	<0.1	7.5	--	--	<1.	<1.	1,300.	700.
CC2	1996.02.06	1640	--	--	--	--	--	--	--	--	--	--
CC2	1996.03.20	1445	1.4	6.3	--	7.9	--	--	<1.	<1.	100.	61.
CC2	1996.05.01	1020	1.3	5.6	--	8.1	--	--	<1.	1.	160.	91.
CC2	1996.05.13	1100	0.9	2.1	--	5.1	--	--	2.	1.	2,800.	440.
CC2	1996.05.21	1820	0.6	1.5	--	5.0	--	--	1.	<1.	1,900.	320.
CC2	1996.05.22	2015	0.6	1.5	--	4.9	--	--	1.	1.	1,100.	310.
CC2	1996.05.29	1945	0.8	2.2	--	6.2	--	--	1.	1.	810.	260.
CC2	1996.05.30	1810	0.8	2.4	--	6.2	--	--	2.	1.	460.	240.
CC2	1996.06.04	1910	0.8	2.2	--	5.6	--	--	<1.	1.	530.	260.
CC2	1996.06.05	2010	1.	2.0	--	5.6	--	--	3.	1.	3,500.	310.
CC2	1996.06.11	1630	0.6	3.2	--	5.1	--	--	2.	1.	680.	81.
CC2	1996.06.11	1725	1.1	3.2	--	6.3	--	--	2.	1.	370.	210.
CC2	1996.06.13	2030	1.	3.1	--	6.4	--	--	1.	1.	360.	210.
CC2	1996.06.18	1555	1.3	3.8	--	6.7	--	--	<1.	1.	340.	210.
CC2	1996.06.27	1225	1.3	3.6	--	7.4	--	--	1.	1.	330.	230.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
CC2	1996.07.02	1025	1.4	4.4	--	7.3	--	--	1.	<1.	300.	180.
CC2	1996.07.10	1540	1.3	3.8	--	7.1	--	--	<1.	1.	400.	280.
CC2	1996.07.18	1845	1.7	4.3	--	7.2	--	--	6.	2.	6,500.	350.
CC2	1996.07.25	1125	1.5	4.7	--	7.3	--	--	1.	<1.	450.	350.
CC2	1996.08.03	1346	2.4	5.4	--	7.2	--	--	2.	1.	5,200.	350.
CC2	1996.08.21	1515	1.8	6.6	--	7.0	--	--	<1.	<1.	390.	240.
CC2	1996.08.21	1630	24.	7.1	--	5.6	--	--	39.	1.	66,000.	59.
CC2	1996.08.21	1700	36.	7.5	--	6.0	--	--	21.	2.	46,000.	42.
CC2	1996.08.27	1816	9.8	6.5	--	6.3	--	--	12.	1.	1,900.	95.
CC2	1997.02.20	1000	1.1	6.2	--	7.4	--	--	<1.	<1.	60.	26.
CC2	1997.05.15	1555	0.5	2.0	--	--	--	--	2.	<1.	5,400.	180.
CC2	1997.05.20	1500	0.5	1.9	--	--	--	--	<1.	<1.	580.	150.
CC2	1997.05.23	1500	0.6	2.1	--	--	--	--	1.	<1.	860.	160.
CC2	1997.05.30	1440	0.6		--	--	--	--	--	--	--	--
CC2	1997.06.02	1015	0.8	2.5	--	5.1	--	--	<1.	<1.	540.	160.
CC2	1997.06.02	1640	0.6		--	--	--	--	--	--	--	--
CC2	1997.06.11	1105	1.2	3.1	--	--	--	--	<1.	1.	8,100.	120.
CC2	1997.06.24	1315	1.3	3.9	--	--	--	--	<1.	2.	300.	160.
CC2	1997.07.09	1435	1.5	4.7	--	--	--	--	<1.	<1.	340.	140.
CC2	1997.07.22	1450	1.5	4.7	--	--	--	--	<1.	<1.	400.	240.
CC2	1997.07.28	1325	2.1	3.3	--	--	--	--	4.	<1.	3,200.	180.
CC2	1997.07.28	1510	3.4	3.1	--	--	--	--	21.	1.	29,000.	180.
CC2	1997.08.07	1045	0.7	2.9	--	--	--	--	<1.	<1.	800.	430.
CC2	1997.08.11	1415	1.9	2.9	--	--	<1.	--	17.	2.	37,000.	360.
CC2	1997.08.21	1305	1.	4.0	--	--	--	--	<1.	<1.	530.	380.
CC2	1997.09.03	1845	3.5	3.6	0.2	5.2	--	--	38.	1.	72,000.	190.
CC2	1997.09.10	1530	1.	4.0	0.2	7.4	--	--	<1.	<1.	610.	220.
CC2	1997.09.26	1315	1.	4.3	0.2	7.4	--	--	5.	<1.	530.	170.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
CC5	1995.05.11	1202	--	--	--	--	<1.	--	<1.	--	520.	--
CC5	1995.05.26	1800	--	--	--	--	<1.	--	2.	--	1,000.	--
CC5	1995.06.20	2400	--	--	--	--	<1.	--	11.	--	12,000.	--
CC5	1996.03.12	1515	0.6	6.6	--	5.9	--	--	<1.	<1.	170.	36.
CC5	1996.05.08	1710	--	--	--	--	--	--	--	--	--	--
CC5	1996.05.09	1545	--	--	--	--	--	--	--	--	--	--
CC5	1996.05.21	1531	--	--	--	--	--	--	--	--	--	--
CC5	1996.06.11	1500	--	--	--	--	--	--	--	--	--	--
CC5	1996.06.11	1845	--	--	--	--	--	--	--	--	--	--
CC5	1996.06.11	1900	0.6	3.6	--	6.1	--	--	1.	1.	420.	95.
CC5	1996.06.14	1100	--	--	--	--	--	--	--	--	--	--
CC5	1996.07.08	1805	--	--	--	--	--	--	--	--	--	--
CC5	1996.07.17	1535	--	--	--	--	--	--	--	--	--	--
CC5	1996.07.31	1310	--	--	--	--	--	--	--	--	--	--
CC5	1996.08.27	1045	--	--	--	--	--	--	--	--	--	--
CC5	1996.10.02	1325	--	--	--	--	--	--	--	--	--	--
CC5	1997.02.20	1434	0.4	5.8	--	5.2	--	--	<1.	<1.	120.	35.
CC5	1997.04.17	1615	0.8	--	--	--	--	--	--	--	--	--
CC5	1997.05.09	1555	1.6	--	--	--	--	--	--	--	--	--
CC5	1997.05.13	1720	1.3	4.0	--	--	--	--	4.	<1.	7,000.	160.
CC5	1997.05.16	1810	1.	--	--	--	--	--	--	--	--	--
CC5	1997.05.20	1015	0.8	3.1	--	--	--	--	1.	<1.	860.	110.
CC5	1997.05.29	1445	0.9	3.9	--	--	--	--	1.	<1.	510.	120.
CC5	1997.06.03	1810	0.6	--	--	--	--	--	--	--	--	--
CC5	1997.06.04	1325	0.5	3.2	--	5.8	--	--	2.	2.	740.	96.
CC5	1997.06.11	930	0.8	3.7	--	--	--	--	1.	<1.	5,400.	80.
CC5	1997.06.24	1430	0.5	3.5	--	--	--	--	1.	<1.	580.	61.
CC5	1997.06.30	1730	0.4	--	--	--	--	--	--	--	--	--
CC5	1997.07.10	1145	0.3	3.2	--	--	--	--	<1.	<1.	290.	57.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
CC5	1997.07.22	1220	0.3	3.2	--	--	--	--	<1.	<1.	230.	250.
CC5	1997.07.28	1435	--	--	--	--	--	--	--	--	--	--
CC5	1997.07.28	1630	--	--	--	--	--	--	--	--	--	--
CC5	1997.07.28	1725	0.5	2.4	--	--	--	--	3.	<1.	3,700.	69.
CC5	1997.08.07	1400	0.3	2.2	--	--	--	--	2.	<1.	330.	120.
CC5	1997.08.09	1400	0.3	3.1	--	--	--	--	1.	1.	330.	83.
CC5	1997.08.09	1630	0.4	3.2	--	--	--	--	1.	<1.	2,000.	59.
CC5	1997.08.11	1520	0.4	3.0	--	--	--	--	7.	1.	5,600.	120.
CC5	1997.08.21	1200	0.3	3.3	--	--	--	--	<1.	<1.	360.	84.
CC5	1997.09.01	1615	1.	3.4	0.1	4.3	--	--	92.	<1.	110,000.	54.
CC5	1997.09.01	2315	0.3	3.5	0.1	4.9	--	--	1.	<1.	670.	74.
CC5	1997.09.10	1740	0.3	3.5	<0.1	4.8	--	--	<1.	<1.	300.	77.
CC5	1997.09.26	1415	0.3	4.3	0.1	5.2	--	--	<1.	<1.	300.	97.
CC7	1996.05.08	1540	--	--	--	--	--	--	--	--	--	--
CC7	1996.05.31	1830	--	--	--	--	--	--	--	--	--	--
CC7	1996.06.12	1142	--	--	--	--	--	--	--	--	--	--
CC7	1996.06.14	1010	--	--	--	--	--	--	--	--	--	--
CC7	1996.06.17	1700	--	--	--	--	--	--	--	--	--	--
CC7	1996.06.24	1735	--	--	--	--	--	--	--	--	--	--
CC7	1996.07.01	1645	--	--	--	--	--	--	--	--	--	--
CC7	1996.07.08	1910	--	--	--	--	--	--	--	--	--	--
CC7	1996.07.30	1300	--	--	--	--	--	--	--	--	--	--
CC7	1996.08.26	1450	--	--	--	--	--	--	--	--	--	--
CC7	1996.11.04	1300	--	--	--	--	--	--	--	--	--	--
CC7	1997.02.21	1250	0.8	5.9	--	6.4	--	--	<1.	<1.	40.	10.
CC7	1997.02.21	1412	--	--	--	--	--	--	--	--	--	--
CC7	1997.04.01	1450	--	--	--	--	--	--	--	--	--	--
CC7	1997.05.22	1040	--	--	--	--	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
CC7	1997.05.26	1725	--	--	--	--	--	--	--	--	--	--
CC7	1997.05.28	933	--	--	--	--	--	--	--	--	--	--
CC7	1997.06.03	1340	--	--	--	--	--	--	--	--	--	--
CC7	1997.07.22	1100	0.6	4.7	--	--	--	--	<1.	<1.	80.	20.
CC7	1997.09.11	1545	0.5	4.5	0.1	6.2	--	--	<1.	<1.	80.	15.
CC7	1997.09.18	1545	--	--	--	--	--	--	--	--	--	--
CC7	1997.09.26	1215	0.5	5.1	0.2	6.3	--	--	<1.	<1.	70.	11.
CC9	1996.05.08	1515	--	--	--	--	--	--	--	--	--	--
CC9	1996.05.20	1553	--	--	--	--	--	--	--	--	--	--
CC9	1996.05.28	1200	--	--	--	--	--	--	6.	--	910.	--
CC9	1996.05.31	1705	--	--	--	--	--	--	--	--	--	--
CC9	1996.06.12	1027	--	--	--	--	--	--	--	--	--	--
CC9	1996.06.12	1805	0.3	7.9	--	4.8	--	--	12.	4.	1,400.	42.
CC9	1996.06.14	945	--	--	--	--	--	--	--	--	--	--
CC9	1996.06.24	1700	--	--	--	--	--	--	--	--	--	--
CC9	1996.06.24	1705	--	--	--	--	--	--	--	--	--	--
CC9	1996.07.01	1550	--	--	--	--	--	--	--	--	--	--
CC9	1996.07.08	1840	--	--	--	--	--	--	--	--	--	--
CC9	1996.07.17	1410	--	--	--	--	--	--	--	--	--	--
CC9	1996.07.31	1035	--	--	--	--	--	--	--	--	--	--
CC9	1996.08.26	1250	--	--	--	--	--	--	--	--	--	--
CC9	1996.11.04	1050	--	--	--	--	--	--	--	--	--	--
CC9	1997.02.21	1015	0.3	35.	--	8.0	--	--	1.	<1.	10.	4.
CC9	1997.02.21	1135	--	--	--	--	--	--	--	--	--	--
CC9	1997.04.09	1215	--	--	--	--	--	--	--	--	--	--
CC9	1997.05.22	1001	--	--	--	--	--	--	--	--	--	--
CC9	1997.05.22	1020	0.3	11.	--	--	--	--	7.	8.	320.	57.
CC9	1997.05.26	1705	--	--	--	--	--	--	--	--	--	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
CC9	1997.05.28	922	--	--	--	--	--	--	--	--	--	--
CC9	1997.06.03	1310	--	--	--	--	--	--	--	--	--	--
CC9	1997.08.12	1630	--	--	--	--	--	--	--	--	--	--
CC9	1997.09.11	1615	--	--	--	--	--	--	--	--	--	--
CC9	1997.09.18	1440	--	--	--	--	--	--	--	--	--	--
CC9	1997.09.26	1145	--	--	--	--	--	--	--	--	--	--
CC11	1996.06.06	1615	0.3	2.1	--	6.9	--	--	<1.	1.	160.	80.
CC11	1997.05.21	1030	0.3	2.4	--	--	--	--	<1.	<1.	320.	110.
CC11	1997.06.03	1010	0.2	2.4	--	6.4	--	--	<1.	2.	290.	70.
CC11	1997.09.11	1400	0.2	3.4	0.3	8.8	--	--	<1.	<1.	310.	140.
CC13	1997.04.17	1400	1.1	--	--	--	--	--	--	--	--	--
CC13	1997.05.09	1535	0.8	--	--	--	--	--	--	--	--	--
CC13	1997.05.16	1715	0.5	--	--	--	--	--	--	--	--	--
CC13	1997.06.03	1655	0.6	--	--	--	--	--	--	--	--	--
CC13	1997.06.30	1625	0.3	--	--	--	--	--	--	--	--	--
CC13	1997.09.10	1645	0.2	--	--	--	--	--	--	--	--	--
GC1	1996.06.20	1305	<0.1	2.1		4.1	--	--	<1.	1.	230.	70.
GC1	1997.06.17	1610	0.1	2.2	<0.1	4.5	--	--	<1.	<1.	100.	90.
GC1	1997.08.12	1230	<0.1	1.8	--	--	--	--	<1.	<1.	310.	110.
GC2	1996.06.12	1645	0.3	1.8	--	6.0	--	--	<1.	1.	640.	460.
GC2	1997.06.05	1500	0.2	1.4	--	5.1	--	--	<1.	<1.	720.	280.
GC2	1997.08.12	1345	0.3	1.5	--	--	--	--	<1.	<1.	1,100.	640.
GC5	1995.06.16	1800	--	--	--	--	<1.	--	2.	--	2,300.	--
GC5	1995.06.19	1809	--	--	--	--	<1.	--	3.	--	3,400.	--

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
GC5	1995.06.21	0009	--	--	--	--	<1.	--	2.	--	1,600.	--
GC5	1996.03.13	1100	0.6	4.1	--	8.2	--	--	<1.	<1.	170.	58.
GC5	1996.05.02	1315	0.7	4.5	--	8.1	--	--	5.	<1.	290.	140.
GC5	1996.05.02	1318	0.7	4.5	--	8.1	--	--	<1.	<1.	300.	130.
GC5	1996.05.12	2249	--	--	--	--	--	--	2.	--	1,900.	--
GC5	1996.05.13	1330	0.8	4.9	--	8.0	--	--	2.	<1.	340.	97.
GC5	1996.05.15	2249	--	--	--	--	--	--	2.	--	740.	--
GC5	1996.05.21	1945	0.7	4.0	--	8.0	--	--	<1.	<1.	450.	71.
GC5	1996.05.23	1815	0.8	3.4	--	7.8	--	--	2.	<1.	300.	73.
GC5	1996.05.30	1630	0.8	3.4	--	7.3	--	--	<1.	<1.	200.	58.
GC5	1996.06.04	1715	0.7	3.1	--	7.2	--	--	<1.	1.	150.	59.
GC5	1996.06.06	1915	0.9	3.2	--	7.1	--	--	<1.	1.	200.	54.
GC5	1996.06.10	1745	0.7	3.0	--	7.1	--	--	<1.	1.	220.	50.
GC5	1996.06.13	1850	0.5	2.8	--	7.0	--	--	1.	1.	500.	49.
GC5	1996.06.18	1425	0.5	3.0	--	7.0	--	--	<1.	1.	210.	53.
GC5	1996.06.18	1430	0.5	2.9	--	7.0	--	--	<1.	<1.	180.	52.
GC5	1996.06.25	1525	0.4	2.5	--	7.0	--	--	2.	1.	170.	54.
GC5	1996.07.02	1200	0.4	2.7	--	7.2	--	--	<1.	<1.	140.	55.
GC5	1996.07.09	2015	0.3	2.3	--	6.9	--	--	<1.	1.	1,000.	77.
GC5	1996.07.10	1410	0.3	2.2	--	6.9	--	--	<1.	<1.	240.	67.
GC5	1996.07.18	1328	0.3	2.3	--	6.5	--	--	3.	1.	730.	68.
GC5	1996.07.18	1358	0.3	2.3	--	6.4	--	--	1.	3.	930.	94.
GC5	1996.07.25	1330	0.3	2.1	--	6.3	--	--	1.	<1.	260.	94.
GC5	1996.08.23	1330	0.6	3.3	--	8.1	--	--	<1.	<1.	550.	220.
GC5	1996.08.23	1443	0.6	3.3	--	8.1	--	--	<1.	<1.	890.	270.
GC5	1997.02.19	1610	0.5	4.2	--	7.8	--	--	1.	<1.	170.	49.
GC5	1997.05.07	1405	0.7	4.5	--	--	--	--	<1.	<1.	320.	110.
GC5	1997.05.19	1200	0.6	4.0	--	--	--	--	<1.	<1.	530.	73.
GC5	1997.05.28	1345	0.6	3.4	--	--	--	--	<1.	<1.	270.	44.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
GC5	1997.06.02	1200	0.6	3.2	--	7.2	--	--	<1.	<1.	320.	49.
GC5	1997.06.18	1235	0.6	3.0	--	--	--	--	<1.	<1.	290.	45.
GC5	1997.07.01	1200	0.5	2.9	--	--	--	--	<1.	<1.	150.	45.
GC5	1997.07.16	1145	0.4	2.4	--	--	--	--	<1.	<1.	270.	61.
GC5	1997.07.29	1145	0.4	2.9	--	--	--	--	<1.	<1.	300.	110.
GC5	1997.08.14	1355	0.4	2.8	--	--	--	--	<1.	<1.	260.	110.
GC5	1997.08.21	1420	0.5	3.3	--	--	--	--	<1.	<1.	220.	100.
GC5	1997.09.03	1746	0.5	3.2	0.2	7.5	--	--	<1.	<1.	360.	88.
GC5	1997.09.03	2015	0.4	3.1	0.3	7.1	--	--	2.	<1.	2,100.	78.
GC5	1997.09.04	0115	0.5	3.0	0.2	7.4	--	--	5.	<1.	4,000.	51.
GC5	1997.09.09	1630	0.5	3.2	0.2	7.6	--	--	<1.	<1.	210.	91.
GC5	1997.09.29	1540	0.5	3.5	0.2	7.7	--	--	<1.	<1.	170.	43.
GC7	1996.06.04	1630	0.2	23.	--	7.2	--	--	8.	3.	1,000.	290.
GC7	1997.05.22	1230	0.2	21.	--	--	--	--	6.	2.	1,300.	210.
GC7	1997.08.14	1030	0.1	40.	--	--	--	--	17.	16.	1,200.	390.
GC8	1996.06.05	1845	0.3	5.8	--	6.1	--	--	3.	1.	1,000.	57.
GC8	1997.05.29	1255	0.2	5.3	--	--	--	--	1.	<1.	260.	61.
GC8	1997.08.19	1030	0.1	7.6	--	--	--	--	1.	<1.	120.	38.
GC10	1996.05.29	1730	0.5	2.3	--	8.7	--	--	<1.	<1.	1,400.	330.
GC10	1997.05.21	1410	0.3	1.8	--	--	--	--	<1.	<1.	790.	250.
GC10	1997.08.05	1130	0.2	2.0	--	--	--	--	<1.	<1.	480.	280.
GC11	1996.03.13	1430	0.6	29.	--	12.0	--	--	6.	1.	230.	<3.
GC11	1996.05.02	940	0.6	21.	--	11.0	--	--	5.	2.	570.	62.
GC11	1996.05.12	2141	--	--	--	--	--	--	12.		6,500.	--
GC11	1996.05.14	1030	0.4	12.	--	7.0	--	--	3.	2.	920.	190.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
GC11	1996.05.16	2100	--	--	--	--	--	--	17.		8,200.	--
GC11	1996.05.19	2100	--	--	--	--	--	--	10.		6,300.	--
GC11	1996.05.20	1950	0.4	11.	--	6.7	--	--	3.	1.	1,100.	160.
GC11	1996.05.20	2018	0.3	9.4	--	7.3	--	--	3.	1.	1,100.	170.
GC11	1996.05.23	2015	0.3	10.	--	7.4	--	--	2.	1.	810.	210.
GC11	1996.06.03	1745	0.3	11.	--	7.9	--	--	3.	2.	480.	210.
GC11	1996.06.06	2100	0.3	11.	--	6.9	--	--	5.	2.	1,200.	170.
GC11	1996.06.10	2020	0.3	12.	--	6.9	--	--	5.	2.	1,400.	120.
GC11	1996.06.13	1720	0.2	11.	--	7.2	--	--	4.	2.	840.	170.
GC11	1996.06.15	1900	--	--	--		--	--	10.		3,200.	--
GC11	1996.06.20	1540	0.2	12.	--	7.2	--	--	4.	2.	620.	130.
GC11	1996.06.25	1400	0.2	12.	--	7.3	--	--	5.	2.	550.	110.
GC11	1996.07.02	1325	0.2	13.	--	7.5	--	--	4.	2.	530.	85.
GC11	1996.07.10	1215	<0.1	13.	--	7.4	--	--	5.	2.	620.	120.
GC11	1996.07.18	1245	0.2	15.	--	7.9	--	--	6.	2.	1,800.	79.
GC11	1996.07.18	1315	0.2	15.	--	7.8	--	--	6.	2.	1,400.	72.
GC11	1996.07.25	1450	0.2	16.	--	8.3	--	--	5.	2.	610.	84.
GC11	1996.09.12	1716	0.3	29.	--	9.4	<1.	--	9.	2.	430.	<3.
GC11	1996.09.12	1844	0.3	28.	--	9.4	<1.	--	13.	1.	5,100.	4.
GC11	1997.02.19	1345	0.6	31.	--	11.0	--	--	11.	2.	330.	7.
GC11	1997.05.13	1420	0.4	13.	--	--	--	--	4.	3.	730.	430.
GC11	1997.05.19	1115	0.3	10.	--	--	--	--	3.	2.	1,100.	160.
GC11	1997.05.28	1220	0.3	9.7	--	--	--	--	3.	1.	520.	110.
GC11	1997.06.04	1115	0.2	10.	--	6.6	--	--	4.	2.	1,400.	130.
GC11	1997.06.05	1755	0.2	9.8	--	6.6	--	--	5.	2.	2,100.	120.
GC11	1997.06.18	1415	0.3	9.5	--	--	--	--	3.	2.	530.	110.
GC11	1997.07.01	1430	0.2	12.	--	--	--	--	5.	4.	770.	100.
GC11	1997.07.16	1345	0.1	14.	--	--	--	--	6.	2.	790.	77.
GC11	1997.07.27	2201	0.2	14.	--	--	--	--	7.	2.	840.	75.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
GC11	1997.07.29	1316	0.2	15.	--	--	--	--	7.	2.	1,600.	96.
GC11	1997.07.30	1133	0.2	15.	--	--	--	--	6.	2.	880.	150.
GC11	1997.08.04	1650	0.2	16.	--	--	--	--	8.	2.	2,900.	120.
GC11	1997.08.04	1730	0.2	19.	--	--	--	--	9.	2.	2,000.	120.
GC11	1997.08.09	1715	0.2	14.	--	--	--	--	12.	2.	7,400.	140.
GC11	1997.08.11	1100	0.2	11.	--	--	--	--	5.	2.	580.	140.
GC11	1997.09.09	1525	0.3	21.	0.1	9.0	<1.	<1.	8.	2.	590.	45.
GC11	1997.09.29	1420	0.6	24.	0.2	9.6	--	--	9.	2.	470.	4.
DC1	1996.03.13	1530	0.5	3.2	--	11.0	--	--	<1.	<1.	40.	8.
DC1	1996.05.02	1250	0.4	3.4	--	11.0	--	--	<1.	<1.	70.	28.
DC1	1996.05.11	900	--	--	--	--	--	--	1.	--	210.	--
DC1	1996.05.13	900	--	--	--	--	--	--	1.	--	680.	--
DC1	1996.05.14	1430	0.4	2.6	--	7.9	--	--	<1.	<1.	140.	47.
DC1	1996.05.16	2000	--	--	--	--	--	--	3.	--	1,000.	--
DC1	1996.05.22	1630	0.3	2.1	--	8.3	--	--	1.	<1.	190.	28.
DC1	1996.05.29	1445	0.3	2.6	--	9.4	--	--	<1.	<1.	100.	26.
DC1	1996.06.03	1540	0.3	2.8	--	8.8	--	--	<1.	1.	60.	23.
DC1	1996.06.05	1600	0.3	2.1	--	8.3	--	--	<1.	1.	140.	23.
DC1	1996.06.10	1535	0.4	2.3	--	7.7	--	--	<1.	1.	70.	17.
DC1	1996.06.13	1510	0.2	2.2	--	8.2	--	--	<1.	1.	300.	19.
DC1	1996.06.20	1800	0.2	2.2	--	8.4	--	--	<1.	<1.	80.	19.
DC1	1996.06.25	1145	0.1	2.0	--	8.9	--	--	1.	<1.	50.	14.
DC1	1996.07.02	1555	0.1	2.3	--	9.3	--	--	<1.	<1.	50.	12.
DC1	1996.07.02	1600	0.1	2.3	--	9.3	--	--	<1.	<1.	60.	14.
DC1	1996.07.10	1005	<0.1	1.9	--	9.1	--	--	<1.	<1.	80.	17.
DC1	1996.07.18	1800	0.1	2.2	--	9.2	--	--	<1.	1.	650.	14.
DC1	1996.07.18	1835	0.1	2.2	--	9.1	--	--	1.	1.	880.	20.
DC1	1996.07.25	1700	0.1	2.2	--	9.9	--	--	<1.	<1.	110.	14.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate, dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)
DC1	1996.08.07	1420	0.1	2.5	--	9.9	--	--	<1.	<1.	130.	10.
DC1	1996.08.21	1620	0.2	2.8	--	9.9	--	--	<1.	<1.	70.	9.
DC1	1996.08.21	1643	0.2	2.7	--	9.6	--	--	2.	<1.	1,700.	17.
DC1	1996.08.23	1430	0.2	2.7	--	9.7	--	--	<1.	<1.	180.	12.
DC1	1996.08.23	1453	0.2	2.5	--	9.2	--	--	4.	4.	3,100.	34.
DC1	1996.08.28	1310	0.2	2.6	--	9.5	--	--	4.	1.	1,100.	16.
DC1	1996.09.12	1310	0.2	2.5	--	8.4	--	--	3.	<1.	2,700.	22.
DC1	1997.02.19	1030	0.3	3.3	--	10.0	--	--	<1.	<1.	20.	7.
DC1	1997.05.07	1635	0.3	3.2	--	--	--	--	1.	<1.	520.	39.
DC1	1997.05.19	1522	0.3	2.2	--	--	--	--	<1.	<1.	240.	48.
DC1	1997.05.23	925	0.3	2.7	--	--	--	--	<1.	<1.	150.	47.
DC1	1997.05.29	1055	0.2	2.8	--	--	--	--	<1.	<1.	90.	46.
DC1	1997.06.03	1400	0.2	2.3	--	7.8	--	--	<1.	<1.	210.	27.
DC1	1997.06.05	2000	0.2	2.1	--	7.3	--	--	<1.	<1.	340.	32.
DC1	1997.06.11	1330	0.5	2.6	--	--	--	--	1.	<1.	270.	39.
DC1	1997.06.25	1615	0.3	2.6	--	--	--	--	<1.	<1.	60.	19.
DC1	1997.07.10	1430	0.2	2.7	--	--	--	--	<1.	<1.	60.	13.
DC1	1997.07.29	1445	0.2	2.4	--	--	--	--	<1.	<1.	40.	16.
DC1	1997.08.03	1845	0.2	2.4	--	--	--	--	2.	<1.	190.	13.
DC1	1997.08.03	2045	0.2	2.2	--	--	--	--	1.	<1.	1,600.	51.
DC1	1997.08.04	1445	0.2	2.2	--	--	--	--	5.	<1.	4,400.	31.
DC1	1997.08.04	1915	0.2	2.3	--	--	--	--	<1.	<1.	90.	25.
DC1	1997.08.09	1345	0.2	2.5	--	--	--	--	<1.	1.	80.	14.
DC1	1997.08.09	1715	0.2	2.4	--	--	--	--	2.	1.	1,100.	24.
DC1	1997.08.11	1350	0.2	1.7	--	--	--	--	<1.	<1.	70.	24.
DC1	1997.09.09	1345	0.2	2.5	<0.1	9.4	--	--	<1.	1.	50.	14.
DC1	1997.09.29	1305	0.2	2.8	--	--	--	--	<1.	<1.	40.	9.

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
CC1	1996.02.06	1215	--	--	--	--	--	--	44.	--	E
CC1	1996.03.20	1250	--	--	--	--	--	--	48.	--	E
CC1	1996.05.21	1630	<1.	--	70.	21.	<10.	4.	24.	21.	E
CC1	1997.02.20	1300	<1.	<1.	<10.	<1.	<10.	5.	40.	37.	E
CC1	1997.05.13	1320	<1.	--	20.	8.	<10.	<3.	--	--	E
CC1	1997.05.15	1410	<1.	--	50.	15.	<10.	<3.	--	--	E
CC1	1997.05.20	1300	<1.	--	30.	14.	<10.	5.	--	--	E
CC1	1997.05.30	1405	--	--	--	--	--	--	--	--	E
CC1	1997.06.02	1445	--	--	--	--	--	--	--	--	E
CC1	1997.07.09	1145	<1.	--	10.	8.	<10.	<3.	--	--	E
CC1	1997.07.28	1435	<1.	--	60.	6.	<10.	<3.	--	--	E
CC1	1997.08.08	1130	<1.	--	30.	17.	<10.	5.	--	--	E
CC1	1997.09.10	1415	<1.	<1.	30.	11.	<10.	6.	24.	--	E
CC2	1996.02.06	1640	--	--	--	--	--	--	73.	--	E
CC2	1996.03.20	1445	<1.	--	<10.	<1.	<10.	<3.	80.	77.	E
CC2	1996.05.01	1020	<1.	--	50.	<1.	<10.	<3.	72.	68.	E
CC2	1996.05.13	1100	<1.	--	140.	10.	<10.	<3.	54.	34.	E
CC2	1996.05.21	1820	2.	--	80.	10.	<10.	<3.	28.	24.	E
CC2	1996.05.22	2015	<1.	--	50.	9.	10.	4.	30.	24.	E
CC2	1996.05.29	1945	<1.	--	30.	3.	<10.	<3.	38.	28.	E
CC2	1996.05.30	1810	<1.	--	10.	3.	<10.	<3.	50.	31.	E
CC2	1996.06.04	1910	<1.	--	10.	2.	<10.	5.	56.	32.	E
CC2	1996.06.05	2010	2.	--	130.	4.	10.	4.	50.	27.	E
CC2	1996.06.11	1630	<1.	--	10.	1.	<10.	6.	34.	--	E
CC2	1996.06.11	1725	<1.	--	<10.	2.	<10.	3.	42.	39.	E
CC2	1996.06.13	2030	<1.	--	90.	2.	<10.	7.	44.	39.	E
CC2	1996.06.18	1555	<1.	--	<10.	2.	<10.	<3.	46.	43.	E
CC2	1996.06.27	1225	<1.	--	<10.	3.	<10.	<3.	46.	49.	E

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
CC2	1996.07.02	1025	<1.	--	<10.	1.	<10.	<3.	88.	54.	E
CC2	1996.07.10	1540	<1.	--	<10.	2.	<10.	<3.	60.	53.	E
CC2	1996.07.18	1845	3.	--	90.	7.	10.	<3.	52.	54.	P
CC2	1996.07.25	1125	<1.	--	<10.	2.	<10.	<3.	76.	64.	E
CC2	1996.08.03	1346	1.	--	40.	6.	<10.	<3.	90.	63.	E
CC2	1996.08.21	1515	<1.	--	<10.	<1.	<10.	5.	70.	75.	P
CC2	1996.08.21	1630	48.	--	1700.	82.	180.	17.	98.	92.	P
CC2	1996.08.21	1700	22.	--	1300.	130.	140.	5.	128.	113.	P
CC2	1996.08.27	1816	10.	--	450.	45.	50.	<3.	72.	80.	P
CC2	1997.02.20	1000	<1.	<1.	<10.	<1.	<10.	<3.	66.	66.	E
CC2	1997.05.15	1555	2.	--	320.	9.	20.	8.	--	--	E
CC2	1997.05.20	1500	<1.	--	29.	8.	<10.	7.	--	--	E
CC2	1997.05.23	1500	<1.	--	33.	5.	<10.	4.	--	--	E
CC2	1997.05.30	1440	--	--	--	--	--	--	--	--	E
CC2	1997.06.02	1015	<1.	<1.	19.	3.	<10.	<3.	38.	29.	E
CC2	1997.06.02	1640	--	--	--	--	--	--	--	--	E
CC2	1997.06.11	1105	<1.	--	16.	3.	<10.	<3.	--	--	E
CC2	1997.06.24	1315	<1.	--	<10.	2.	<10.	<3.	--	--	E
CC2	1997.07.09	1435	<1.	--	<10.	2.	<10.	<3.	--	--	E
CC2	1997.07.22	1450	<1.	--	<10.	2.	<10.	<3.	--	--	E
CC2	1997.07.28	1325	2.	--	84.	9.	10.	3.	--	--	E
CC2	1997.07.28	1510	17.	--	900.	20.	100.	<3.	--	--	E
CC2	1997.08.07	1045	<1.	--	22.	7.	<10.	5.	--	--	E
CC2	1997.08.11	1415	34.	<1.	1000.	16.	130.	<3.	--	--	E
CC2	1997.08.21	1305	<1.	<1.	<10.	4.	<10.	<3.	--	--	E
CC2	1997.09.03	1845	54.	<1.	1900.	24.	230.	<3.	47.	42.	P
CC2	1997.09.10	1530	<1.	<1.	<10.	2.	<10.	<3.	64.	57.	E
CC2	1997.09.26	1315	<1.	--	12.	2.	<10.	6.	65.	56.	E

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
CC5	1995.05.11	1202	<1.	--	10.	--	<10.	--	--	--	P
CC5	1995.05.26	1800	<1.	--	30.	--	10.	--	--	--	P
CC5	1995.06.20	2400	8.	--	250.	--	40.	--	--	--	P
CC5	1996.03.12	1515	<1.	--	<10.	6.	<10.	6.	64.	53.	E
CC5	1996.05.08	1710	--	--	--	--	--	--	61.	--	E
CC5	1996.05.09	1545	--	--	--	--	--	--	63.	--	E
CC5	1996.05.21	1531	--	--	--	--	--	--	55.	--	E
CC5	1996.06.11	1500	--	--	--	--	--	--	43.	--	E
CC5	1996.06.11	1845	--	--	--	--	--	--	51.	--	E
CC5	1996.06.11	1900	<1.	--	20.	5.	<10.	<3.	40.	38.	E
CC5	1996.06.14	1100	--	--	--	--	--	--	44.	--	E
CC5	1996.07.08	1805	--	--	--	--	--	--	35.	--	E
CC5	1996.07.17	1535	--	--	--	--	--	--	46.	--	E
CC5	1996.07.31	1310	--	--	--	--	--	--	49.	--	E
CC5	1996.08.27	1045	--	--	--	--	--	--	34.	--	E
CC5	1996.10.02	1325	--	--	--	--	--	--	53.	--	E
CC5	1997.02.20	1434	<1.	<1.	<10.	4.	<10.	6.	48.	48.	E
CC5	1997.04.17	1615	--	--	--	--	--	--	--	--	E
CC5	1997.05.09	1555	--	--	--	--	--	--	--	--	E
CC5	1997.05.13	1720	3.	--	200.	12.	20.	10.	--	--	E
CC5	1997.05.16	1810	--	--	--	--	--	--	--	--	E
CC5	1997.05.20	1015	<1.	--	30.	7.	<10.	3.	--	--	E
CC5	1997.05.29	1445	<1.	--	20.	6.	<10.	<3.	--	--	E
CC5	1997.06.03	1810	--	--	--	--	--	--	--	--	E
CC5	1997.06.04	1325	<1.	<1.	20.	8.	<10.	7.	45.	36.	E
CC5	1997.06.11	930	<1.	--	20.	6.	<10.	<3.	--	--	E
CC5	1997.06.24	1430	<1.	--	20.	8.	<10.	<3.	--	--	E
CC5	1997.06.30	1730	--	--	--	--	--	--	--	--	E
CC5	1997.07.10	1145	<1.	--	10.	5.	<10.	4.	--	--	E

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
CC5	1997.07.22	1220	<1.	--	<10.	2.	<10.	<3.	--	--	E
CC5	1997.07.28	1435	--	--	--	--	--	--	39.	--	E
CC5	1997.07.28	1630	--	--	--	--	--	--	59.	--	E
CC5	1997.07.28	1725	3.	--	100.	6.	10.	<3.	46.	--	E
CC5	1997.08.07	1400	<1.	--	20.	6.	<10.	3.	--	--	E
CC5	1997.08.09	1400	<1.	--	20.	6.	<10.	<3.	--	--	P
CC5	1997.08.09	1630	1.	--	60.	8.	20.	<3.	--	--	P
CC5	1997.08.11	1520	3.	--	140.	8.	20.	<3.	--	--	E
CC5	1997.08.21	1200	<1.	--	10.	4.	<10.	<3.	--	--	E
CC5	1997.09.01	1615	50.	<1.	2300.	2.	360.	<3.	42.	45.	P
CC5	1997.09.01	2315	<1.	<1.	20.	6.	<10.	3.	38.	37.	P
CC5	1997.09.10	1740	<1.	<1.	10.	7.	<10.	4.	23.	37.	E
CC5	1997.09.26	1415	<1.	--	<10.	6.	<10.	6.	45.	40.	E
CC7	1996.05.08	1540	--	--	--	--	--	--	69.	--	E
CC7	1996.05.31	1830	--	--	--	--	--	--	59.	--	E
CC7	1996.06.12	1142	--	--	--	--	--	--	57.	--	E
CC7	1996.06.14	1010	--	--	--	--	--	--	47.	--	E
CC7	1996.06.17	1700	--	--	--	--	--	--	44.	--	E
CC7	1996.06.24	1735	--	--	--	--	--	--	50.	--	E
CC7	1996.07.01	1645	--	--	--	--	--	--	58.	--	E
CC7	1996.07.08	1910	--	--	--	--	--	--	55.	--	E
CC7	1996.07.30	1300	--	--	--	--	--	--	55.	--	E
CC7	1996.08.26	1450	--	--	--	--	--	--	71.	--	E
CC7	1996.11.04	1300	--	--	--	--	--	--	68.	--	E
CC7	1997.02.21	1250	<1.	<1.	<10.	<1.	<10.	4.	66.	62.	E
CC7	1997.02.21	1412	--	--	--	--	--	--	74.	--	E
CC7	1997.04.01	1450	--	--	--	--	--	--	63.	--	E
CC7	1997.05.22	1040	--	--	--	--	--	--	64.	--	E

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
CC7	1997.05.26	1725	--	--	--	--	--	--	64.	--	E
CC7	1997.05.28	933	--	--	--	--	--	--	56.	--	E
CC7	1997.06.03	1340	--	--	--	--	--	--	57.	--	E
CC7	1997.07.22	1100	<1.	--	<10.	<1.	<10.	<3.	--	--	E
CC7	1997.09.11	1545	<1.	<1.	<10.	<1.	<10.	4.	51.	49.	E
CC7	1997.09.18	1545	--	--	--	--	--	--	46.	--	E
CC7	1997.09.26	1215	<1.	--	<10.	<1.	<10.	<3.	57.	51.	E
CC9	1996.05.08	1515	--	--	--	--	--	--	67.	--	E
CC9	1996.05.20	1553	--	--	--	--	--	--	48.	--	E
CC9	1996.05.28	1200	71.	--	90.	--	190.	--	--	--	P
CC9	1996.05.31	1705	--	--	--	--	--	--	33.	--	E
CC9	1996.06.12	1027	--	--	--	--	--	--	40.	--	E
CC9	1996.06.12	1805	53.	--	140.	22.	170.	100.	36.	28.	E
CC9	1996.06.14	945	--	--	--	--	--	--	44.	--	E
CC9	1996.06.24	1700	--	--	--	--	--	--	41.	--	E
CC9	1996.06.24	1705	--	--	--	--	--	--	33.	--	E
CC9	1996.07.01	1550	--	--	--	--	--	--	32.	--	E
CC9	1996.07.08	1840	--	--	--	--	--	--	40.	--	E
CC9	1996.07.17	1410	--	--	--	--	--	--	52.	--	E
CC9	1996.07.31	1035	--	--	--	--	--	--	55.	--	E
CC9	1996.08.26	1250	--	--	--	--	--	--	65.	--	E
CC9	1996.11.04	1050	--	--	--	--	--	--	94.	--	E
CC9	1997.02.21	1015	2.	2.	<10.	7.	240.	250.	82.	86.	E
CC9	1997.02.21	1135	--	--	--	--	--	--	97.	--	E
CC9	1997.04.09	1215	--	--	--	--	--	--	94.	--	E
CC9	1997.05.22	1001	--	--	--	--	--	--	50.	--	E
CC9	1997.05.22	1020	13.	--	70.	47.	220.	240.	--	--	E
CC9	1997.05.26	1705	--	--	--	--	--	--	61.	--	E

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
CC9	1997.05.28	922	--	--	--	--	--	--	54.	--	E
CC9	1997.06.03	1310	--	--	--	--	--	--	42.	--	E
CC9	1997.08.12	1630	--	--	--	--	--	--	47.	--	E
CC9	1997.09.11	1615	--	--	--	--	--	--	65.	--	E
CC9	1997.09.18	1440	--	--	--	--	--	--	57.	--	E
CC9	1997.09.26	1145	--	--	--	--	--	--	62.	--	E
CC11	1996.06.06	1615	<1.	--	<10.	2.	<10.	<3.	56.	--	E
CC11	1997.05.21	1030	<1.	--	10.	2.	<10.	<3.	--	--	E
CC11	1997.06.03	1010	<1.	<1.	10.	2.	<10.	<3.	36.	25.	E
CC11	1997.09.11	1400	<1.	<1.	<10.	5.	<10.	4.	46.	40.	E
CC13	1997.04.17	1400	--	--	--	--	--	--	--	--	E
CC13	1997.05.09	1535	--	--	--	--	--	--	--	--	E
CC13	1997.05.16	1715	--	--	--	--	--	--	--	--	E
CC13	1997.06.03	1655	--	--	--	--	--	--	--	--	E
CC13	1997.06.30	1625	--	--	--	--	--	--	--	--	E
CC13	1997.09.10	1645	--	--	--	--	--	--	--	--	E
GC1	1996.06.20	1305	<1.	--	10.	2.	<10.	<3.	16.	--	E
GC1	1997.06.17	1610	<1.	--	20.	2.	<10.	<3.	21.	20.	E
GC1	1997.08.12	1230	<1.	--	10.	3.	<10.	6.	--	--	E
GC2	1996.06.12	1645	<1.	--	<10.	6.	<10.	4.	26.	22.	E
GC2	1997.06.05	1500	<1.	<1.	13.	5.	<10.	7.	29.	18.	E
GC2	1997.08.12	1345	<1.	--	14.	10.	<10.	6.	--	--	E
GC5	1995.06.16	1800	2.	--	70.	--	10.	--	--	--	P
GC5	1995.06.19	1809	4.	--	90.	--	20.	--	--	--	P

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
GC5	1995.06.21	0009	3.	--	40.	--	30.	--	--	--	P
GC5	1996.03.13	1100	<1.	--	<10.	6.	<10.	3.	40.	34.	E
GC5	1996.05.02	1315	<1.	--	10.	9.	<10.	<3.	48.	37.	E
GC5	1996.05.02	1318	<1.	--	10.	9.	<10.	<3.	52.	--	E
GC5	1996.05.12	2249	<1.	--	60.	--	<10.	--	--	--	P
GC5	1996.05.13	1330	<1.	--	10.	6.	<10.	4.	58.	37.	E
GC5	1996.05.15	2249	<1.	--	20.	--	<10.	--	--	--	P
GC5	1996.05.21	1945	<1.	--	10.	5.	<10.	<3.	32.	34.	E
GC5	1996.05.23	1815	<1.	--	<10.	4.	<10.	<3.	32.	32.	E
GC5	1996.05.30	1630	<1.	--	<10.	3.	<10.	5.	46.	31.	E
GC5	1996.06.04	1715	<1.	--	<10.	3.	<10.	<3.	50.	29.	E
GC5	1996.06.06	1915	<1.	--	<10.	3.	<10.	<3.	56.	35.	E
GC5	1996.06.10	1745	<1.	--	<10.	3.	<10.	<3.	30.	29.	E
GC5	1996.06.13	1850	<1.	--	<10.	3.	<10.	4.	30.	28.	E
GC5	1996.06.18	1425	<1.	--	<10.	4.	<10.	<3.	28.	28.	E
GC5	1996.06.18	1430	<1.	--	<10.	3.	<10.	3.	28.	28.	E
GC5	1996.06.25	1525	<1.	--	<10.	4.	<10.	5.	24.	28.	E
GC5	1996.07.02	1200	<1.	--	10.	4.	<10.	<3.	70.	30.	E
GC5	1996.07.09	2015	1.	--	40.	5.	<10.	6.	10.	29.	P
GC5	1996.07.10	1410	<1.	--	10.	6.	<10.	<3.	34.	29.	E
GC5	1996.07.18	1328	<1.	--	30.	2.	<10.	5.	22.	25.	P
GC5	1996.07.18	1358	<1.	--	30.	2.	<10.	6.	18.	25.	P
GC5	1996.07.25	1330	<1.	--	10.	6.	<10.	<3.	38.	29.	E
GC5	1996.08.23	1330	<1.	--	30.	17.	<10.	<3.	36.	37.	P
GC5	1996.08.23	1443	<1.	--	40.	19.	<10.	<3.	24.	37.	P
GC5	1997.02.19	1610	<1.	<1.	<10.	6.	<10.	5.	34.	35.	E
GC5	1997.05.07	1405	<1.	--	10.	5.	<10.	10.	--	--	E
GC5	1997.05.19	1200	<1.	--	20.	6.	<10.	3.	--	--	E
GC5	1997.05.28	1345	<1.	--	<10.	2.	<10.	<3.	--	--	E

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
GC5	1997.06.02	1200	<1.	<1.	10.	4.	<10.	7.	38.	30.	E
GC5	1997.06.18	1235	<1.	--	10.	3.	<10.	<20.	--	--	E
GC5	1997.07.01	1200	<1.	--	<10.	3.	<10.	5.	--	--	E
GC5	1997.07.16	1145	<1.	--	10.	5.	<10.	<3.	--	--	E
GC5	1997.07.29	1145	<1.	--	10.	10.	<10.	4.	--	--	E
GC5	1997.08.14	1355	<1.	--	<10.	6.	<10.	<3.	--	--	E
GC5	1997.08.21	1420	<1.	--	<10.	5.	<10.	<3.	--	--	E
GC5	1997.09.03	1746	<1.	<1.	10.	3.	<10.	<3.	36.	34.	P
GC5	1997.09.03	2015	2.	<1.	60.	<1.	<10.	<3.	32.	33.	P
GC5	1997.09.04	0115	5.	<1.	100.	3.	20.	<3.	39.	34.	P
GC5	1997.09.09	1630	<1.	<1.	<10.	5.	<10.	4.	25.	34.	E
GC5	1997.09.29	1540	<1.	--	<10.	5.	<10.	<3.	39.	34.	E
GC7	1996.06.04	1630	<1.	--	180.	190.	70.	67.	70.	45.	E
GC7	1997.05.22	1230	<1.	--	150.	170.	50.	58.	--	--	E
GC7	1997.08.14	1030	<1.	--	360.	370.	130.	140.	--	--	E
GC8	1996.06.05	1845	<1.	--	80.	9.	20.	5.	52.	25.	E
GC8	1997.05.29	1255	<1.	--	19.	8.	10.	5.	--	--	E
GC8	1997.08.19	1030	<1.	--	20.	16.	<10.	7.	--	--	E
GC10	1996.05.29	1730	<1.	--	40.	3.	<10.	<3.	26.	28.	E
GC10	1997.05.21	1410	<1.	--	20.	4.	<10.	<3.	--	--	E
GC10	1997.08.05	1130	<1.	--	10.	3.	<10.	4.	--	--	E
GC11	1996.03.13	1430	<1.	--	180.	180.	80.	71.	72.	64.	E
GC11	1996.05.02	940	<1.	--	160.	160.	50.	42.	86.	57.	E
GC11	1996.05.12	2141	3.	--	240.	--	60.	--	--	--	P
GC11	1996.05.14	1030	<1.	--	90.	73.	30.	19.	50.	37.	E

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
GC11	1996.05.16	2100	3.	--	290.	--	60.	--	--	--	P
GC11	1996.05.19	2100	5.	--	190.	--	50.	--	--	--	P
GC11	1996.05.20	1950	<1.	--	70.	57.	30.	23.	36.	33.	E
GC11	1996.05.20	2018	<1.	--	70.	62.	20.	17.	30.	33.	E
GC11	1996.05.23	2015	<1.	--	60.	60.	20.	16.	34.	33.	E
GC11	1996.06.03	1745	<1.	--	60.	62.	20.	17.	58.	35.	E
GC11	1996.06.06	2100	<1.	--	90.	68.	30.	21.	52.	33.	E
GC11	1996.06.10	2020	<1.	--	80.	74.	20.	21.	36.	33.	E
GC11	1996.06.13	1720	<1.	--	80.	74.	20.	24.	28.	33.	E
GC11	1996.06.15	1900	2.	--	140.	--	40.	--	--	--	P
GC11	1996.06.20	1540	<1.	--	80.	80.	30.	25.	34.	33.	E
GC11	1996.06.25	1400	<1.	--	90.	89.	40.	29.	36.	33.	E
GC11	1996.07.02	1325	<1.	--	100.	100.	30.	34.	70.	34.	E
GC11	1996.07.10	1215	<1.	--	130.	120.	40.	31.	46.	--	E
GC11	1996.07.18	1245	2.	--	140.	130.	40.	31.	34.	38.	P
GC11	1996.07.18	1315	1.	--	140.	120.	40.	29.	34.	37.	P
GC11	1996.07.25	1450	<1.	--	140.	150.	50.	36.	52.	40.	E
GC11	1996.09.12	1716	<1.	--	250.	250.	90.	85.	50.	56.	P
GC11	1996.09.12	1844	5.	--	320.	230.	100.	30.	46.	55.	P
GC11	1997.02.19	1345	<1.	<1.	190.	180.	80.	80.	72.	63.	E
GC11	1997.05.13	1420	<1.	--	80.	79.	30.	22.	--	--	E
GC11	1997.05.19	1115	<1.	--	80.	61.	20.	15.	--	--	E
GC11	1997.05.28	1220	<1.	--	70.	52.	20.	17.	--	--	E
GC11	1997.06.04	1115	<1.	<1.	70.	52.	20.	13.	39.	31.	E
GC11	1997.06.05	1755	1.	<1.	100.	53.	30.	11.	39.	30.	E
GC11	1997.06.18	1415	<1.	--	60.	53.	20.	23.	--	--	E
GC11	1997.07.01	1430	<1.	--	80.	87.	30.	27.	--	--	E
GC11	1997.07.16	1345	<1.	--	120.	110.	50.	28.	--	--	E
GC11	1997.07.27	2201	<1.	--	150.	120.	60.	57.	--	--	P

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
GC11	1997.07.29	1316	1.	--	160.	130.	50.	28.	--	--	P
GC11	1997.07.30	1133	<1.	--	130.	120.	40.	32.	--	--	E
GC11	1997.08.04	1650	3.	--	190.	100.	60.	17.	--	--	P
GC11	1997.08.04	1730	2.	--	170.	130.	60.	25.	--	--	P
GC11	1997.08.09	1715	8.	<1.	300.	30.	70.	<3.	--	--	P
GC11	1997.08.11	1100	<1.	--	110.	110.	40.	41.	--	--	E
GC11	1997.09.09	1525	<1.	<1.	180.	170.	60.	52.	40.	48.	E
GC11	1997.09.29	1420	<1.	--	190.	180.	70.	57.	59.	52.	E
DC1	1996.03.13	1530	<1.	--	<10.	<1.	<10.	3.	48.	36.	E
DC1	1996.05.02	1250	<1.	--	<10.	<1.	<10.	<3.	54.	37.	E
DC1	1996.05.11	900	<1.	--	<10.	--	<10.	--	--	--	P
DC1	1996.05.13	900	<1.	--	20.	--	<10.	--	--	--	P
DC1	1996.05.14	1430	<1.	--	<10.	<1.	<10.	5.	48.	29.	E
DC1	1996.05.16	2000	1.	--	30.	--	<10.	--	--	--	P
DC1	1996.05.22	1630	<1.	--	<10.	<1.	<10.	<3.	26.	27.	E
DC1	1996.05.29	1445	<1.	--	<10.	<1.	<10.	4.	34.	30.	E
DC1	1996.06.03	1540	<1.	--	<10.	<1.	<10.	3.	60.	28.	E
DC1	1996.06.05	1600	4.	--	<10.	<1.	<10.	<3.	56.	26.	E
DC1	1996.06.10	1535	<1.	--	<10.	<1.	<10.	<3.	22.	--	E
DC1	1996.06.13	1510	<1.	--	<10.	<1.	<10.	5.	22.	25.	E
DC1	1996.06.20	1800	<1.	--	<10.	<1.	<10.	<3.	24.	25.	E
DC1	1996.06.25	1145	<1.	--	<10.	<1.	<10.	<3.	28.	26.	E
DC1	1996.07.02	1555	<1.	--	<10.	<1.	<10.	<3.	94.	28.	E
DC1	1996.07.02	1600	<1.	--	<10.	<1.	<10.	<3.	64.	27.	E
DC1	1996.07.10	1005	<1.	--	<10.	<1.	<10.	<3.	34.	--	E
DC1	1996.07.18	1800	<1.	--	30.	<1.	<10.	6.	24.	27.	P
DC1	1996.07.18	1835	1.	--	30.	1.	<10.	4.	22.	27.	P
DC1	1996.07.25	1700	<1.	--	<10.	<1.	<10.	4.	32.	--	E

Table 44. Water-quality data collected at stream sites--Continued

[--, no sample; E, width and depth integrated sample; P, single-point, pumped sample; Hg, mercury; <, less than]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Sampling method
DC1	1996.08.07	1420	<1.	--	<10.	<1.	<10.	<3.	20.	30.	P
DC1	1996.08.21	1620	<1.	--	<10.	<1.	<10.	<3.	34.	31.	P
DC1	1996.08.21	1643	2.	--	30.	2.	<10.	<3.	34.	31.	P
DC1	1996.08.23	1430	<1.	--	<10.	1.	<10.	<3.	24.	31.	P
DC1	1996.08.23	1453	4.	--	100.	2.	<10.	<3.	24.	30.	P
DC1	1996.08.28	1310	2.	--	40.	2.	<10.	<3.	24.	30.	E
DC1	1996.09.12	1310	4.	--	90.	<1.	10.	5.	16.	28.	P
DC1	1997.02.19	1030	<1.	<1.	<10.	<1.	<10.	<3.	36.	34.	E
DC1	1997.05.07	1635	<1.	--	20.	<1.	<10.	8.	--	--	E
DC1	1997.05.19	1522	<1.	--	<10.	1.	<10.	<3.	--	--	E
DC1	1997.05.23	925	<1.	--	<10.	<1.	<10.	6.	--	--	E
DC1	1997.05.29	1055	<1.	--	<10.	1.	<10.	3.	--	--	E
DC1	1997.06.03	1400	<1.	<1.	<10.	<1.	<10.	4.	36.	25.	E
DC1	1997.06.05	2000	<1.	<1.	<10.	2.	<10.	<3.	34.	24.	E
DC1	1997.06.11	1330	1.	--	10.	<1.	<10.	<3.	--	--	E
DC1	1997.06.25	1615	<1.	--	<10.	<1.	<10.	<3.	--	--	E
DC1	1997.07.10	1430	<1.	--	<10.	<1.	<10.	<3.	--	--	E
DC1	1997.07.29	1445	<1.	--	<10.	<1.	<10.	<3.	--	--	E
DC1	1997.08.03	1845	<1.	--	10.	<1.	<10.	6.	--	--	P
DC1	1997.08.03	2045	2.	--	40.	<1.	<10.	7.	--	--	P
DC1	1997.08.04	1445	6.	--	150.	<1.	20.	4.	--	--	E
DC1	1997.08.04	1915	<1.	--	<10.	<1.	<10.	<3.	--	--	P
DC1	1997.08.09	1345	<1.	--	<10.	<1.	<10.	6.	--	--	P
DC1	1997.08.09	1715	2.	--	40.	1.	<10.	<3.	--	--	P
DC1	1997.08.11	1350	<1.	--	<10.	<1.	<10.	<3.	--	--	E
DC1	1997.09.09	1345	<1.	<1.	<10.	<1.	<10.	9.	23.	29.	E
DC1	1997.09.29	1305	<1.	--	<10.	<1.	<10.	<3.	--	--	E

Table 45. Selected field-parameter data collected at stream sites

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC1	1995.06.23	1210	11.	2.0	27.	10.	110.	7.2
CC1	1995.09.06	1315	0.85	2.8	40.	7.4	103.	7.6
CC1	1996.02.06	1215	0.2	2.0	51.	9.5	99.	8.1
CC1	1996.03.20	1250	0.13	2.0	63.	--	--	--
CC1	1996.05.21	1630	14.	5.1	28.	9.2	100.	7.6
CC1	1997.02.20	1300	0.25	1.5	53.	9.2	97.	7.6
CC1	1997.05.13	1320	7.4	1.6	32.	9.4	101.	7.5
CC1	1997.05.15	1410	5.9	2.6	35.	--	--	--
CC1	1997.05.20	1300	7.5	1.7	30.	10.	104.	7.4
CC1	1997.05.23	1321	--	.9	31.	--	--	--
CC1	1997.05.30	1405	7.	1.5	28.	--	--	--
CC1	1997.06.02	1445	7.5	1.7	26.	--	--	--
CC1	1997.07.09	1145	1.5	1.8	33.	8.1	103.	--
CC1	1997.07.28	1435	1.5	5.3	39.	--	--	7.5
CC1	1997.08.08	1130	1.6	2.4	34.	7.6	98.	7.8
CC1	1997.09.10	1415	0.57	3.3	42.	7.7	99.	7.5
CC2	1995.02.06	1640	0.29	1.0	118.	9.5	97.	8.
CC2	1995.02.23	1545	--	--	128.	--	--	7.5
CC2	1995.06.13	1830	23.	43.	37.	10.4	103.	--
CC2	1995.07.08	1425	6.4	3.0	64.	8.2	103.	7.8
CC2	1995.08.30	1000	1.5	--	63.	7.	96.	--
CC2	1995.09.06	1615	0.95	2.2	98.	7.6	104.	7.9
CC2	1996.02.06	1640	0.29	1.0	118.	9.5	97.	8.
CC2	1996.03.20	1600	0.17	.4	136.	9.7	99.	8.1
CC2	1996.04.09	1335	0.29		117.	11.5	116.	7.7
CC2	1996.05.01	1020	0.33	1.2	113.	9.9	102.	7.9
CC2	1996.05.13	1100	8.6	19.	55.	10.3	105.	7.3
CC2	1996.05.20	1500	14.	6.1	42.	--	--	--
CC2	1996.05.21	1820	9.9	13.	38.	9.4	101.	7.5
CC2	1996.05.22	2015	23.	7.8	43.	9.2	99.	7.9
CC2	1996.05.29	1945	16.	3.4	44.	9.7	106.	8.
CC2	1996.05.30	1810	21.	2.5	49.	--	--	8.
CC2	1996.06.04	1910	7.6	3.6	52.	8.2	95.	7.7
CC2	1996.06.05	2010	14.	63.	47.	8.7	101.	8.
CC2	1996.06.11	1725	5.5	2.2	65.	6.8	84.	7.9
CC2	1996.06.13	2030	5.5	2.2	66.	9.1	107.	8.1
CC2	1996.06.18	1555	4.7	1.8	77.	6.8	91.	8.3
CC2	1996.06.27	1225	4.	1.3	78.	7.5	94.	8.
CC2	1996.06.27	1230	4.	1.3	78.	7.5	94.	8.
CC2	1996.07.02	1025	3.3	1.1	88.	7.	86.	8.1
CC2	1996.07.10	1540	2.9	1.4	87.	7.	97.	8.2
CC2	1996.07.18	1800	2.4	1.9	93.	--	--	--
CC2	1996.07.18	1815	2.5	2.0	93.	--	--	--
CC2	1996.07.18	1830	2.5	2.0	94.	--	--	--
CC2	1996.07.18	1845	2.5	84.	94.	--	--	7.8
CC2	1996.07.18	1900	2.5	8.0	95.	--	--	--
CC2	1996.07.18	1915	2.6	1.7	95.	--	--	--
CC2	1996.07.18	1930	2.6	2.6	94.	--	--	--
CC2	1996.07.18	1945	2.7	3.8	93.	--	--	--
CC2	1996.07.25	1125	1.5	1.3	108.	7.7	--	8.1
CC2	1996.08.03	1346	1.2	45.	114.	--	--	8.
CC2	1996.08.03	1401	1.1	52.	112.	--	--	--
CC2	1996.08.03	1416	1.1	6.1	109.	--	--	--
CC2	1996.08.21	1515	0.54	4.	136.	--	--	8.
CC2	1996.08.21	1530	0.61	7.5	133.	--	--	--
CC2	1996.08.21	1545	0.63	14.	134.	--	--	--
CC2	1996.08.21	1600	0.68	270.	137.	--	--	--
CC2	1996.08.21	1615	0.71	190.	145.	--	--	--
CC2	1996.08.21	1630	0.71	2,500.	191.	--	--	7.6
CC2	1996.08.21	1645	0.79	500.	154.	--	--	--
CC2	1996.08.21	1700	0.76	2,200.	234.	--	--	7.6
CC2	1996.08.27	1816	0.71	870.	150.	--	--	8.
CC2	1996.08.28	1631	0.56	4.6	132.	--	--	--
CC2	1996.08.28	1646	0.58	3.7	132.	--	--	--
CC2	1996.08.28	1701	0.61	40.	133.	--	--	--
CC2	1996.08.28	1716	0.61	62.	133.	--	--	--
CC2	1996.08.28	1731	0.61	62.	133.	--	--	--
CC2	1996.08.28	1746	0.66	880.	148.	--	--	--
CC2	1996.08.28	1816	0.71	900.	153.	--	--	--
CC2	1996.09.06	1131	0.52	4.6	138.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC2	1996.09.06	1200	0.61	10.	134.	--	--	--
CC2	1996.09.06	1230	0.82	380.	129.	--	--	--
CC2	1996.09.06	1300	0.82	1,500.	125.	--	--	--
CC2	1996.09.06	1330	0.82	1,400.	119.	--	--	--
CC2	1996.09.06	1400	0.79	430.	118.	--	--	--
CC2	1996.09.06	1430	1.1	280.	116.	--	--	--
CC2	1996.09.06	1500	1.1	660.	115.	--	--	--
CC2	1996.09.06	1530	1.2	410.	107.	--	--	--
CC2	1996.09.06	1600	1.2	180.	101.	--	--	--
CC2	1996.09.06	1630	1.2	98.	98.	--	--	--
CC2	1996.09.06	1700	1.2	111.	96.	--	--	--
CC2	1996.09.12	1846	0.56	5.4	131.	--	--	--
CC2	1996.09.12	1900	0.58	3.5	130.	--	--	--
CC2	1996.09.12	1915	0.66	5.0	128.	--	--	--
CC2	1996.09.12	1930	0.71	36.	125.	--	--	--
CC2	1996.09.12	1945	0.76	210.	125.	--	--	--
CC2	1996.09.12	2000	0.79	310.	128.	--	--	--
CC2	1996.09.12	2015	0.76	520.	133.	--	--	--
CC2	1996.09.12	2030	0.79	690.	130.	--	--	--
CC2	1996.09.12	2045	0.79	600.	128.	--	--	--
CC2	1996.09.12	2100	0.79	340.	122.	--	--	--
CC2	1996.09.12	2115	0.79	98.	119.	--	--	--
CC2	1996.09.12	2130	0.82	64.	117.	--	--	--
CC2	1996.09.12	2145	0.82	63.	115.	--	--	--
CC2	1996.09.12	2200	0.82	55.	113.	--	--	--
CC2	1996.09.12	2215	0.82	180.	113.	--	--	--
CC2	1996.09.12	2230	0.82	170.	114.	--	--	--
CC2	1996.09.12	2245	0.82	95.	111.	--	--	--
CC2	1996.09.12	2300	0.82	46.	108.	--	--	--
CC2	1996.09.12	2315	0.79	24.	105.	--	--	--
CC2	1996.09.12	2330	0.79	16.	104.	--	--	--
CC2	1996.09.12	2345	0.79	12.	102.	--	--	--
CC2	1996.09.12	2400	0.76	9.4	102.	--	--	--
CC2	1996.09.13	0015	0.76	9.2	103.	--	--	--
CC2	1996.09.13	0030	0.73	8.5	103.	--	--	--
CC2	1996.09.14	2100	0.58	2.7	122.	--	--	--
CC2	1996.09.14	2115	0.58	2.8	121.	--	--	--
CC2	1996.09.14	2129	0.61	53.	120.	--	--	--
CC2	1996.09.14	2144	0.66	100.	119.	--	--	--
CC2	1996.09.14	2159	0.66	110.	118.	--	--	--
CC2	1996.09.14	2214	0.66	200.	120.	--	--	--
CC2	1996.09.14	2229	0.63	93.	122.	--	--	--
CC2	1996.09.14	2244	0.63	210.	122.	--	--	--
CC2	1996.09.14	2259	0.63	420.	121.	--	--	--
CC2	1996.09.14	2314	0.63	150.	118.	--	--	--
CC2	1996.09.14	2329	0.63	40.	117.	--	--	--
CC2	1996.09.14	2344	0.63	15.	116.	--	--	--
CC2	1996.09.14	2359	0.63	40.	117.	--	--	--
CC2	1996.09.15	0014	0.66	3.0	117.	--	--	--
CC2	1996.09.15	0029	0.68	3.7	116.	--	--	--
CC2	1996.09.15	0044	0.68	4.4	116.	--	--	--
CC2	1996.09.15	0059	0.71	8.9	116.	--	--	--
CC2	1996.09.15	0111	0.71	13.	115.	--	--	--
CC2	1996.09.15	0129	0.71	54.	116.	--	--	--
CC2	1996.09.15	0144	0.73	99.	114.	--	--	--
CC2	1996.09.15	0159	0.73	71.	112.	--	--	--
CC2	1996.09.15	0214	0.73	50.	112.	--	--	--
CC2	1996.09.15	0229	0.73	42.	111.	--	--	--
CC2	1996.09.15	0244	0.73	35.	110.	--	--	--
CC2	1996.10.03	1100	0.83	.6	101.	--	--	--
CC2	1996.11.06	1250	0.54	.6	97.	--	--	--
CC2	1996.12.10	1200	0.45	1.1	100.	9.8	101.	8.
CC2	1997.02.20	1000	0.32	.7	106.	10.4	107.	7.9
CC2	1997.04.09	1440	0.54	.6	104.	--	--	--
CC2	1997.04.28	1500	1.	.3	75.	--	--	--
CC2	1997.05.07	1100	2.8	5.3	61.	--	--	--
CC2	1997.05.07	1130	2.7	3.3	66.	--	--	--
CC2	1997.05.07	1140	2.7	4.4	61.	--	--	--
CC2	1997.05.07	1200	2.7	6.0	61.	--	--	--
CC2	1997.05.08	0400	3.8	3.6	62.	--	--	--
CC2	1997.05.08	1200	3.3	7.7	58.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC2	1997.05.09	0400	4.5	3.8	58.	--	--	--
CC2	1997.05.09	1200	3.8	13.	53.	--	--	--
CC2	1997.05.10	0400	6.5	3.9	53.	--	--	--
CC2	1997.05.10	1200	6.5	9.9	48.	--	--	--
CC2	1997.05.10	1350	6.5	5.5	51.	--	--	--
CC2	1997.05.10	1355	6.5	5.5	53.	--	--	--
CC2	1997.05.11	0410	--	2.7	49.	--	--	--
CC2	1997.05.11	1210	--	7.8	50.	--	--	--
CC2	1997.05.12	0410	5.8	5.5	49.	--	--	--
CC2	1997.05.12	1210	5.8	3.1	50.	--	--	--
CC2	1997.05.13	0410	6.5	17.	50.	--	--	--
CC2	1997.05.13	1210	5.7	5.2	45.	--	--	--
CC2	1997.05.14	0410	10.	6.0	47.	--	--	--
CC2	1997.05.14	1210	8.2	3.6	46.	--	--	--
CC2	1997.05.15	0410	9.7	11.	48.	--	--	--
CC2	1997.05.15	1210	9.2	6.0	43.	--	--	--
CC2	1997.05.15	1555	17.	41.	42.	10.3	104.	7.2
CC2	1997.05.15	1605	17.	4.6	39.	--	--	--
CC2	1997.05.15	1610	18.	21.	41.	--	--	--
CC2	1997.05.15	1615	18.	30.	40.	--	--	--
CC2	1997.05.16	0420	13.	22.	45.	--	--	--
CC2	1997.05.16	1220	12.	4.7	41.	--	--	--
CC2	1997.05.17	0420	16.	10.	43.	--	--	--
CC2	1997.05.17	1220	13.	8.2	37.	--	--	--
CC2	1997.05.18	0420	20.	8.4	40.	--	--	--
CC2	1997.05.18	1220	15.	11.	38.	--	--	--
CC2	1997.05.19	0420	16.	7.7	65.	--	--	--
CC2	1997.05.20	1330	11.	3.8	41.	--	--	--
CC2	1997.05.20	1425	13.	5.6	38.	--	--	--
CC2	1997.05.20	1430	14.	3.7	42.	--	--	--
CC2	1997.05.20	1500	14.	6.1	42.	10.2	108.	7.7
CC2	1997.05.20	1530	13.	4.3	41.	--	--	--
CC2	1997.05.20	1730	14.	4.3	40.	--	--	--
CC2	1997.05.20	1930	16.	3.8	41.	--	--	--
CC2	1997.05.20	2130	14.	7.6	41.	--	--	--
CC2	1997.05.20	2330	13.	1.8	42.	--	--	--
CC2	1997.05.21	0130	12.	2.2	43.	--	--	--
CC2	1997.05.21	0330	11.	2.1	43.	--	--	--
CC2	1997.05.21	0530	11.	2.8	44.	--	--	--
CC2	1997.05.21	0730	9.7	2.5	45.	--	--	--
CC2	1997.05.21	0930	9.7	2.2	44.	--	--	--
CC2	1997.05.21	1130	9.7	3.4	45.	--	--	--
CC2	1997.05.21	1330	11.	5.8	44.	--	--	--
CC2	1997.05.21	1530	12.	7.8	43.	--	--	--
CC2	1997.05.21	1730	16.	5.8	41.	--	--	--
CC2	1997.05.21	1930	17.	4.6	40.	--	--	--
CC2	1997.05.21	2130	17.	4.4	40.	--	--	--
CC2	1997.05.21	2330	16.	2.9	40.	--	--	--
CC2	1997.05.22	0130	14.	2.7	41.	--	--	--
CC2	1997.05.22	0330	13.	2.1	41.	--	--	--
CC2	1997.05.22	0530	12.	1.8	42.	--	--	--
CC2	1997.05.22	0730	11.	1.8	43.	--	--	--
CC2	1997.05.22	0930	11.	2.2	44.	--	--	--
CC2	1997.05.22	1230	13.	7.8	42.	--	--	--
CC2	1997.05.22	1930	16.	1.2	43.	--	--	--
CC2	1997.05.23	1230	11.	8.2	46.	--	--	--
CC2	1997.05.23	1500	13.	11.	46.	9.9	109.	7.6
CC2	1997.05.23	1501	16.	6.6	44.	--	--	--
CC2	1997.05.23	1930	22.	5.8	38.	--	--	--
CC2	1997.05.24	1230	11.	1.6	--	--	--	--
CC2	1997.05.24	1930	14.	1.8	42.	--	--	--
CC2	1997.05.25	1230	9.7	3.5	46.	--	--	--
CC2	1997.05.25	1930	16.	3.1	40.	--	--	--
CC2	1997.05.26	1230	9.7	1.1	46.	--	--	--
CC2	1997.05.26	1930	9.7	1.1	46.	--	--	--
CC2	1997.05.27	1230	9.2	1.8	51.	--	--	--
CC2	1997.05.27	1930	10.	1.4	50.	--	--	--
CC2	1997.05.28	1200	11.	2.4	53.	--	--	--
CC2	1997.05.28	1900	11.	1.6	52.	--	--	--
CC2	1997.05.29	1200	11.	5.8	54.	--	--	--
CC2	1997.05.29	1900	17.	3.8	47.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC2	1997.05.30	1200	13.	9.4	50.	--	--	--
CC2	1997.05.30	1440	16.	8.5	46.	--	--	--
CC2	1997.05.30	1900	22.	9.6	40.	--	--	--
CC2	1997.05.31	1200	14.	8.9	49.	--	--	--
CC2	1997.05.31	1900	24.	49.	35.	--	--	--
CC2	1997.06.01	1200	13.	4.1	47.	--	--	--
CC2	1997.06.01	1900	22.	14.	37.	--	--	--
CC2	1997.06.02	0954	13.	3.1	43.	--	--	--
CC2	1997.06.02	0955	13.	1.9	48.	--	--	--
CC2	1997.06.02	1000	13.	2.5	43.	--	--	--
CC2	1997.06.02	1015	8.	4.2	48.	9.5	104.	--
CC2	1997.06.02	1207	14.	1.5	--	--	--	--
CC2	1997.06.02	1640	16.	5.9	43.	--	--	--
CC2	1997.06.02	1641	16.	5.6	43.	--	--	--
CC2	1997.06.02	1907	17.	4.2	48.	--	--	--
CC2	1997.06.03	1207	10.	10.	43.	--	--	--
CC2	1997.06.03	1907	16.	9.1	48.	--	--	--
CC2	1997.06.04	1207	10.	10.	42.	--	--	--
CC2	1997.06.04	1907	16.	5.0	52.	--	--	--
CC2	1997.06.05	1207	10.	15.	44.	--	--	--
CC2	1997.06.06	1250	11.	1.6	55.	--	--	--
CC2	1997.06.09	1205	10.	1.2	50.	--	--	--
CC2	1997.06.09	1405	11.	1.9	50.	--	--	--
CC2	1997.06.09	1605	11.	1.6	50.	--	--	--
CC2	1997.06.09	1805	11.	1.8	50.	--	--	--
CC2	1997.06.09	2005	11.	2.1	51.	--	--	--
CC2	1997.06.09	2205	12.	1.1	50.	--	--	--
CC2	1997.06.10	0005	11.	1.5	51.	--	--	--
CC2	1997.06.10	0205	11.	1.5	51.	--	--	--
CC2	1997.06.10	0405	10.	1.6	52.	--	--	--
CC2	1997.06.10	0605	10.	1.7	53.	--	--	--
CC2	1997.06.10	0805	9.7	2.0	54.	--	--	--
CC2	1997.06.10	1005	9.2	1.9	55.	--	--	--
CC2	1997.06.10	1205	9.2	1.6	55.	--	--	--
CC2	1997.06.10	1405	9.7	1.7	56.	--	--	--
CC2	1997.06.10	1605	9.7	2.4	54.	--	--	--
CC2	1997.06.10	1805	10.	2.8	54.	--	--	--
CC2	1997.06.10	2005	11.	2.5	52.	--	--	--
CC2	1997.06.10	2205	11.	1.8	52.	--	--	--
CC2	1997.06.11	0005	9.7	1.3	53.	--	--	--
CC2	1997.06.11	0205	9.2	1.4	54.	--	--	--
CC2	1997.06.11	0405	9.2	1.7	53.	--	--	--
CC2	1997.06.11	0605	9.2	1.7	55.	--	--	--
CC2	1997.06.11	0805	9.2	1.9	56.	--	--	--
CC2	1997.06.11	1005	9.2	14.	58.	--	--	--
CC2	1997.06.11	1035	9.2	7.4	55.	--	--	--
CC2	1997.06.11	1045	9.2	5.2	56.	--	--	--
CC2	1997.06.11	1050	9.5	3.2	55.	--	--	--
CC2	1997.06.11	1105	9.5	--	57.	8.8	99.	7.8
CC2	1997.06.11	1800	9.7	2.6	54.	--	--	--
CC2	1997.06.12	0600	8.2	2.3	59.	--	--	--
CC2	1997.06.12	1800	8.2	2.2	60.	--	--	--
CC2	1997.06.13	0600	7.7	1.6	60.	--	--	--
CC2	1997.06.13	1800	12.	1.4	51.	--	--	--
CC2	1997.06.14	0600	11.	5.2	51.	--	--	--
CC2	1997.06.14	1800	9.2	2.8	56.	--	--	--
CC2	1997.06.15	0600	7.7	2.3	60.	--	--	--
CC2	1997.06.15	1800	7.7	1.7	61.	--	--	--
CC2	1997.06.16	0600	7.3	2.3	62.	--	--	--
CC2	1997.06.16	1800	6.9	1.2	63.	--	--	--
CC2	1997.06.17	0600	6.9	2.5	63.	--	--	--
CC2	1997.06.17	1800	6.9	2.1	65.	--	--	--
CC2	1997.06.18	0600	6.5	2.3	66.	--	--	--
CC2	1997.06.18	1800	6.5	2.6	66.	--	--	--
CC2	1997.06.19	0600	6.5	2.3	66.	--	--	--
CC2	1997.06.19	1800	6.5	2.2	64.	--	--	--
CC2	1997.06.20	0600	6.1	1.6	67.	--	--	--
CC2	1997.06.20	1800	5.4	2.0	69.	--	--	--
CC2	1997.06.21	0600	5.4	2.3	70.	--	--	--
CC2	1997.06.21	1800	5.1	1.9	71.	--	--	--
CC2	1997.06.22	0600	5.4	1.6	73.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC2	1997.06.22	1800	4.8	1.8	72.	--	--	--
CC2	1997.06.23	0600	5.4	2.0	69.	--	--	--
CC2	1997.06.23	1800	5.1	1.6	74.	--	--	--
CC2	1997.06.24	1310	4.8	1.5	70.	--	--	--
CC2	1997.06.24	1313	4.8	1.8	72.	--	--	--
CC2	1997.06.24	1315	4.8	1.2	73.	7.6		8.
CC2	1997.06.24	1805	4.7	1.0	76.	--	--	--
CC2	1997.06.25	1805	3.8	1.1	--	--	--	--
CC2	1997.06.26	1805	3.6	1.1	85.	--	--	--
CC2	1997.06.27	1805	3.4	1.4	85.	--	--	--
CC2	1997.06.28	1805	3.3	2.2	86.	--	--	--
CC2	1997.06.29	1805	3.3	1.2	88.	--	--	--
CC2	1997.06.30	1805	3.	1.1	92.	--	--	--
CC2	1997.07.01	1035	3.1	.8	89.	--	--	--
CC2	1997.07.01	1040	3.1	1.3	83.	--	--	--
CC2	1997.07.01	1815	3.	1.1	94.	--	--	--
CC2	1997.07.02	1815	2.8	1.0	96.	--	--	--
CC2	1997.07.03	1815	2.7	.9	97.	--	--	--
CC2	1997.07.04	1815	2.7	1.4	98.	--	--	--
CC2	1997.07.05	1815	2.7	1.0	97.	--	--	--
CC2	1997.07.06	1815	2.5	.7	99.	--	--	--
CC2	1997.07.07	1815	2.4	.9	101.	--	--	--
CC2	1997.07.08	1815	2.5	.8	95.	--	--	--
CC2	1997.07.09	1410	2.4	.8	96.	--	--	--
CC2	1997.07.09	1434	2.4	1.4	93.	--	--	--
CC2	1997.07.09	1435	2.4	--	94.	8.2	106.	--
CC2	1997.07.09	1821	2.4	1.2	100.	--	--	--
CC2	1997.07.10	1821	2.3	.9	96.	--	--	--
CC2	1997.07.11	1821	2.4	.8	100.	--	--	--
CC2	1997.07.12	1821	2.1	1.7	105.	--	--	--
CC2	1997.07.13	1821	1.7	.9	108.	--	--	--
CC2	1997.07.14	1821	1.7	1.1	111.	--	--	--
CC2	1997.07.15	1821	1.4	1.4	107.	--	--	--
CC2	1997.07.18	1800	2.5	42.	96.	--	--	--
CC2	1997.07.19	1800	1.7	4.5	99.	--	--	--
CC2	1997.07.20	1800	1.7	2.4	98.	--	--	--
CC2	1997.07.21	1800	1.4	1.2	102.	--	--	--
CC2	1997.07.22	1430	1.4	1.8	97.	--	--	--
CC2	1997.07.22	1450	1.6	1.5	99.	8.4	105.	--
CC2	1997.07.22	1800	1.4	1.2	102.	--	--	--
CC2	1997.07.23	1800	1.4	1.2	105.	--	--	--
CC2	1997.07.24	1800	1.2	1.2	108.	--	--	--
CC2	1997.07.25	1800	1.3	1.3	106.	--	--	--
CC2	1997.07.26	1800	1.7	180.	104.	--	--	--
CC2	1997.07.27	1800	2.7	220.	87.	--	--	--
CC2	1997.07.28	1325	1.8	130.	94.	--	--	7.9
CC2	1997.07.28	1510	2.4	2,100.	88.	--	--	7.6
CC2	1997.07.28	1800	3.	1,800.	78.	--	--	--
CC2	1997.07.29	1800	1.8	6.8	90.	--	--	--
CC2	1997.07.30	1800	2.1	6.1	85.	--	--	--
CC2	1997.07.31	1800	2.5	50.	79.	--	--	--
CC2	1997.08.01	1800	1.8	6.4	90.	--	--	--
CC2	1997.08.02	1800	1.7	3.4	91.	--	--	--
CC2	1997.08.03	1800	1.3	3.2	99.	--	--	--
CC2	1997.08.04	1800	1.8	4.2	97.	--	--	--
CC2	1997.08.05	1800	2.3	7.1	81.	--	--	--
CC2	1997.08.06	1815	2.8	5.6	70.	--	--	--
CC2	1997.08.07	1015	2.7	3.2	77.	--	--	--
CC2	1997.08.07	1020	2.7	4.2	77.	--	--	--
CC2	1997.08.07	1045	2.7	5.3	72.	8.3	97.	8.1
CC2	1997.08.07	1145	3.7	--	72.	8.3	--	8.1
CC2	1997.08.07	1815	3.1	6.9	64.	--	--	--
CC2	1997.08.08	1830	1.8	3.5	81.	--	--	--
CC2	1997.08.09	1345	2.1	1,400.	78.	--	--	--
CC2	1997.08.09	1415	2.1	1,400.	84.	--	--	--
CC2	1997.08.09	1445	2.1	160.	85.	--	--	--
CC2	1997.08.09	1515	2.3	93.	81.	--	--	--
CC2	1997.08.09	1545	2.3	38.	80.	--	--	--
CC2	1997.08.09	1645	2.3	15.	77.	--	--	--
CC2	1997.08.09	1830	2.4	81.	78.	--	--	--
CC2	1997.08.09	1845	2.4	110.	77.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC2	1997.08.10	1315	2.1	150.	80.	--	--	--
CC2	1997.08.10	1830	3.6	11.	61.	--	--	--
CC2	1997.08.11	1415	3.1	1,400.	66.	--	--	7.5
CC2	1997.08.11	1445	2.7	2,900.	68.	--	--	--
CC2	1997.08.11	1500	2.7	1,300.	72.	--	--	--
CC2	1997.08.11	1530	2.7	510.	75.	--	--	--
CC2	1997.08.11	1600	2.7	110.	76.	--	--	--
CC2	1997.08.11	1630	2.7	50.	75.	--	--	--
CC2	1997.08.11	1700	2.7	27.	74.	--	--	--
CC2	1997.08.11	1800	2.7	16.	73.	--	--	--
CC2	1997.08.11	1900	2.7	10.	73.	--	--	--
CC2	1997.08.11	2200	2.5	17.	75.	--	--	--
CC2	1997.08.12	0300	2.4	8.1	77.	--	--	--
CC2	1997.08.12	1000	2.4	7.3	77.	--	--	--
CC2	1997.08.12	1140	2.3	--	86.	--	--	--
CC2	1997.08.12	1145	2.3	4.0	78.	--	--	--
CC2	1997.08.14	1800	1.7	2.5	86.	--	--	--
CC2	1997.08.15	1800	1.3	2.7	94.	--	--	--
CC2	1997.08.16	1800	1.1	2.3	98.	--	--	--
CC2	1997.08.17	1800	1.2	1.1	98.	--	--	--
CC2	1997.08.18	1800	1.3	2.0	94.	--	--	--
CC2	1997.08.19	1800	1.2	1.9	96.	--	--	--
CC2	1997.08.20	1800	0.99	2.0	100.	--	--	--
CC2	1997.08.21	1305	1.2	2.3	91.	8.	98.	8.1
CC2	1997.08.21	1800	1.1	1.5	97.	--	--	--
CC2	1997.08.22	1800	1.1	2.0	97.	--	--	--
CC2	1997.08.23	1800	0.99	1.8	100.	--	--	--
CC2	1997.08.24	1800	0.99	2.5	98.	--	--	--
CC2	1997.08.25	1800	1.3	2.0	90.	--	--	--
CC2	1997.08.26	1800	1.2	2.0	91.	--	--	--
CC2	1997.08.27	1800	1.1	1.9	93.	--	--	--
CC2	1997.08.28	1800	1.1	1.6	93.	--	--	--
CC2	1997.08.29	1800	0.99	1.8	95.	--	--	--
CC2	1997.08.30	1800	1.2	2.2	91.	--	--	--
CC2	1997.08.31	1800	1.2	1.7	92.	--	--	--
CC2	1997.09.01	1800	1.3	3.6	93.	--	--	--
CC2	1997.09.02	1800	1.3	2.0	91.	--	--	--
CC2	1997.09.03	1800	1.6	12.	86.	--	--	--
CC2	1997.09.03	1815	2.5	2,400.	85.	--	--	--
CC2	1997.09.03	1845	2.4	2,200.	75.	--	--	--
CC2	1997.09.03	1945	2.8	730.	87.	--	--	--
CC2	1997.09.03	2045	3.	600.	98.	--	--	--
CC2	1997.09.03	2145	2.7	140.	75.	--	--	--
CC2	1997.09.03	2245	2.5	61.	78.	--	--	--
CC2	1997.09.04	0045	2.3	30.	82.	--	--	--
CC2	1997.09.04	1800	1.3	31.	92.	--	--	--
CC2	1997.09.05	1800	0.99	9.9	97.	--	--	--
CC2	1997.09.06	1800	1.2	4.7	96.	--	--	--
CC2	1997.09.10	1530	0.93	2.8	95.	7.8	100.	8.
CC2	1997.09.18	1205	0.77	4.0	107.	--	--	--
CC2	1997.09.19	2131	0.83	2.9	104.	--	--	--
CC2	1997.09.19	2145	0.93	3.5	103.	--	--	--
CC2	1997.09.19	2215	1.1	46.	103.	--	--	--
CC2	1997.09.19	2315	1.1	360.	101.	--	--	--
CC2	1997.09.20	0115	1.4	29.	89.	--	--	--
CC2	1997.09.20	0215	1.4	14.	85.	--	--	--
CC2	1997.09.20	0415	1.4	9.3	86.	--	--	--
CC2	1997.09.20	2315	1.3	62.	96.	--	--	--
CC2	1997.09.26	1315	0.99	2.7	89.	8.3	101.	8.1
CC5	1994.11.30	1450	4.	--	80.	9.2	98.	7.6
CC5	1994.12.29	1250	2.1	--	80.	9.9	100.	7.3
CC5	1995.02.23	1300	2.1	--	85.	11.6	117.	7.5
CC5	1995.04.28	1050	1.9	--	93.	--	--	--
CC5	1995.04.29	1202	2.2	.6	93.	--	--	--
CC5	1995.04.30	1202	2.5	.8	93.	--	--	--
CC5	1995.05.01	1202	2.6	2.7	97.	--	--	--
CC5	1995.05.02	1202	2.6	.7	95.	--	--	--
CC5	1995.05.03	1202	2.9	2.8	95.	--	--	--
CC5	1995.05.04	1202	2.6	.4	97.	--	--	--
CC5	1995.05.05	1202	2.9	1.4	97.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1995.05.06	1202	4.1	17.	102.	--	--	--
CC5	1995.05.07	1202	3.2	1.2	100.	--	--	--
CC5	1995.05.08	1202	3.1	.9	101.	--	--	--
CC5	1995.05.09	1202	3.1	.9	101.	--	--	--
CC5	1995.05.10	1202	2.9	1.5	101.	--	--	--
CC5	1995.05.11	1202	3.6	1.4	102.	--	--	--
CC5	1995.05.12	1202	3.7	3.2	103.	--	--	--
CC5	1995.05.12	1550	4.3	51.	96.	--	--	--
CC5	1995.05.12	1600	4.6	--	96.	--	--	--
CC5	1995.05.12	1605	4.3	17.	96.	--	--	--
CC5	1995.05.15	1625	11.	--	--	--	--	--
CC5	1995.05.15	1700	12.	160.	80.	--	--	--
CC5	1995.05.21	1700	12.	10.	97.	9.9	108.	7.7
CC5	1995.05.22	1430	11.	52.	100.	--	--	--
CC5	1995.05.23	0200	12.	9.5	97.	--	--	--
CC5	1995.05.23	1000	10.	5.0	103.	--	--	--
CC5	1995.05.23	1800	9.9	3.5	104.	--	--	--
CC5	1995.05.24	0200	9.1	4.5	107.	--	--	--
CC5	1995.05.24	1800	9.2	4.5	110.	--	--	--
CC5	1995.05.25	0200	9.2	5.2	111.	--	--	--
CC5	1995.05.25	1000	8.7	4.5	113.	--	--	--
CC5	1995.05.25	1800	9.	19.	113.	--	--	--
CC5	1995.05.26	0200	8.5	3.0	116.	--	--	--
CC5	1995.05.26	1000	9.9	6.9	116.	--	--	--
CC5	1995.05.26	1800	9.9	5.3	114.	--	--	--
CC5	1995.05.27	0200	10.	3.8	114.	--	--	--
CC5	1995.05.27	1000	9.4	6.2	116.	--	--	--
CC5	1995.05.27	1800	10.	5.7	114.	--	--	--
CC5	1995.05.28	0200	10.	2.2	113.	--	--	--
CC5	1995.05.28	1000	9.7	.6	114.	--	--	--
CC5	1995.05.29	0200	10.	2.7	113.	--	--	--
CC5	1995.05.29	1000	9.7	3.3	114.	--	--	--
CC5	1995.05.29	1800	11.	9.7	112.	--	--	--
CC5	1995.05.30	0200	11.	6.4	114.	--	--	--
CC5	1995.05.30	1000	10.	1.2	115.	--	--	--
CC5	1995.05.30	1330	10.	6.0	114.	--	--	--
CC5	1995.06.06	1640	45.	66.	76.	--	--	--
CC5	1995.06.07	1130	38.	--	--	--	--	--
CC5	1995.06.07	1140	37.	15.	78.	--	--	--
CC5	1995.06.07	1600	43.	16.	77.	--	--	--
CC5	1995.06.07	1900	42.	16.	75.	--	--	--
CC5	1995.06.08	0900	35.	8.2	78.	--	--	--
CC5	1995.06.08	1600	47.	34.	76.	--	--	--
CC5	1995.06.08	1900	44.	13.	72.	--	--	--
CC5	1995.06.09	0900	37.	9.1	76.	--	--	--
CC5	1995.06.09	1600	38.	6.6	78.	--	--	--
CC5	1995.06.09	1900	39.	7.4	77.	--	--	--
CC5	1995.06.10	0900	32.	9.8	80.	--	--	--
CC5	1995.06.10	1600	34.	6.0	81.	--	--	--
CC5	1995.06.10	1900	37.	7.9	79.	--	--	--
CC5	1995.06.11	0900	30.	3.9	81.	--	--	--
CC5	1995.06.11	1600	39.	13.	79.	--	--	--
CC5	1995.06.11	1900	46.	18.	72.	--	--	--
CC5	1995.06.12	0900	38.	7.4	71.	--	--	--
CC5	1995.06.12	1600	53.	70.	67.	--	--	--
CC5	1995.06.12	1900	62.	110.	61.	--	--	--
CC5	1995.06.13	0600	58.	62.	60.	--	--	--
CC5	1995.06.13	0900	55.	40.	60.	--	--	--
CC5	1995.06.13	1750	69.	2.3	60.	8.8	--	--
CC5	1995.06.13	1900	70.	76.	57.	--	--	--
CC5	1995.06.13	2015	69.	63.	55.	8.8	--	7.3
CC5	1995.06.15	1250	75.	31.	55.	--	--	--
CC5	1995.06.20	1500	85.	360.	57.	--	--	--
CC5	1995.06.20	1525	95.	--	--	--	--	--
CC5	1995.06.20	1600	94.	85.	56.	--	--	--
CC5	1995.06.20	1700	98.	77.	53.	--	--	--
CC5	1995.06.20	1800	98.	72.	52.	--	--	--
CC5	1995.06.20	1900	104.	42.	50.	--	--	--
CC5	1995.06.20	2000	100.	78.	49.	--	--	--
CC5	1995.06.20	2100	100.	63.	49.	--	--	--
CC5	1995.06.20	2200	109.	61.	50.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1995.06.20	2300	97.	48.	49.	--	--	--
CC5	1995.06.20	2400		60.	50.	--	--	--
CC5	1995.06.21	0000		60.	50.	--	--	--
CC5	1995.06.21	0100	98.	47.	49.	--	--	--
CC5	1995.06.21	0200	86.	37.	50.	--	--	--
CC5	1995.06.21	0300	80.	34.	51.	--	--	--
CC5	1995.06.21	0400	75.	27.	51.	--	--	--
CC5	1995.06.21	0500	69.	21.	51.	--	--	--
CC5	1995.06.21	0600		23.	52.	--	--	--
CC5	1995.06.21	0700	91.	19.	54.	--	--	--
CC5	1995.06.21	0800	82.	16.	54.	--	--	--
CC5	1995.06.21	0900	83.	37.	55.	--	--	--
CC5	1995.06.21	1000	83.	22.	54.	--	--	--
CC5	1995.06.21	1100	80.	21.	55.	--	--	--
CC5	1995.06.21	1200	80.	23.	55.	--	--	--
CC5	1995.06.21	1300	82.	34.	55.	--	--	--
CC5	1995.06.21	1400	86.	50.	56.	--	--	--
CC5	1995.06.21	1500	88.	25.	54.	--	--	--
CC5	1995.06.22	1055	88.	70.	53.	--	--	--
CC5	1995.06.22	1800	101.	74.	51.	--	--	--
CC5	1995.06.22	2000	103.	67.	49.	--	--	--
CC5	1995.06.23	1200	84.	15.	57.	--	--	--
CC5	1995.06.23	1800	88.	11.	56.	--	--	--
CC5	1995.06.23	2000	92.	14.	56.	--	--	--
CC5	1995.06.24	1200	76.	10.	59.	--	--	--
CC5	1995.06.24	1800	85.	14.	57.	--	--	--
CC5	1995.06.24	2000	89.	11.	56.	--	--	--
CC5	1995.06.25	1200	73.	3.9	60.	--	--	--
CC5	1995.06.25	1800	82.	12.	57.	--	--	--
CC5	1995.06.25	2000	88.	13.	56.	--	--	--
CC5	1995.06.26	1200	73.	4.8	59.	--	--	--
CC5	1995.06.26	1800	79.	20.	55.	--	--	--
CC5	1995.06.26	2000	80.	15.	54.	--	--	--
CC5	1995.06.27	1200	76.	7.3	57.	--	--	--
CC5	1995.06.27	1800	86.	14.	54.	--	--	--
CC5	1995.06.27	2000	91.	13.	53.	--	--	--
CC5	1995.06.28	1200	81.	5.1	56.	--	--	--
CC5	1995.06.28	1800	79.	45.	54.	--	--	--
CC5	1995.06.28	2000	79.	36.	54.	--	--	--
CC5	1995.06.29	1200	75.	2.3	56.	--	--	--
CC5	1995.06.29	1300	76.	--	60.	--	--	--
CC5	1995.07.03	1720	67.	20.	59.	--	--	7.6
CC5	1995.07.03	1805	68.	40.	59.	8.8	100.	7.5
CC5	1995.07.03	1935	68.	24.	59.	8.8	100.	7.7
CC5	1995.07.03	2015	68.	7.2	59.	--	--	--
CC5	1995.07.05	1810	57.	--	60.	--	--	--
CC5	1995.07.11	1315	68.	--	52.	--	--	--
CC5	1995.07.13	1200	70.	6.5	--	--	--	--
CC5	1995.07.13	1800	70.	6.1	--	--	--	--
CC5	1995.07.13	2200	73.	11.	--	--	--	--
CC5	1995.07.13	2400	71.	7.0	--	--	--	--
CC5	1995.07.15	1200	66.	3.8	--	--	--	--
CC5	1995.07.15	1800	65.	3.9	--	--	--	--
CC5	1995.07.15	2200	65.	4.0	--	--	--	--
CC5	1995.07.15	2400	62.	4.0	--	--	--	--
CC5	1995.07.17	1200	60.	4.8	--	--	--	--
CC5	1995.07.17	1800	59.	7.8	--	--	--	--
CC5	1995.07.17	2200	59.	3.7	--	--	--	--
CC5	1995.07.17	2400	60.	6.0	--	--	--	--
CC5	1995.07.18	1544	59.	--	53.	--	--	--
CC5	1995.07.19	1200	58.	.9	--	--	--	--
CC5	1995.07.19	1800	58.	2.8	--	--	--	--
CC5	1995.07.19	2200	58.	2.7	--	--	--	--
CC5	1995.07.19	2400	58.	3.8	--	--	--	--
CC5	1995.07.21	0850	56.	4.0	52.	--	--	--
CC5	1995.07.21	1400	52.	3.2	--	--	--	--
CC5	1995.07.22	1400	46.	3.8	--	--	--	--
CC5	1995.07.23	1400	42.	3.0	--	--	--	--
CC5	1995.07.23	1500	44.	3.8	--	--	--	--
CC5	1995.07.23	1600	45.	3.8	--	--	--	--
CC5	1995.07.23	1700	46.	3.1	--	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1995.07.23	1800	47.	2.3	--	--	--	--
CC5	1995.07.23	2200	47.	3.1	--	--	--	--
CC5	1995.07.24	1400	45.	2.6	--	--	--	--
CC5	1995.07.25	1220	41.	2.0	54.	--	--	--
CC5	1995.07.28	1000	35.	2.0	55.	--	--	--
CC5	1995.07.30	1400	30.	2.1	55.	--	--	--
CC5	1995.07.30	1500	30.	2.8	55.	--	--	--
CC5	1995.07.30	1600	30.	2.6	55.	--	--	--
CC5	1995.07.30	1700	30.	2.8	55.	--	--	--
CC5	1995.07.30	1800	30.	9.1	55.	--	--	--
CC5	1995.07.30	1900	30.	450.	69.	--	--	--
CC5	1995.08.02	1000	33.	3.0	54.	--	--	--
CC5	1995.08.04	1045	28.	2.0	56.	--	--	--
CC5	1995.08.04	1500	27.	1.3	54.	--	--	--
CC5	1995.08.04	1600	27.	1.3	54.	--	--	--
CC5	1995.08.04	1700	27.	1.4	54.	--	--	--
CC5	1995.08.04	1800	27.	1.4	55.	--	--	--
CC5	1995.08.04	1900	27.	1.4	55.	--	--	--
CC5	1995.08.04	2000	26.	1.2	56.	--	--	--
CC5	1995.08.08	0950	23.	1.0	57.	--	--	--
CC5	1995.08.11	1045	21.	1.0	57.	--	--	--
CC5	1995.08.12	1500	25.	1.5	57.	--	--	--
CC5	1995.08.12	1600	24.	2.2	57.	--	--	--
CC5	1995.08.12	1700	24.	2.8	57.	--	--	--
CC5	1995.08.12	1800	25.	1.8	56.	--	--	--
CC5	1995.08.12	1900	25.	1.6	57.	--	--	--
CC5	1995.08.12	2000	26.	1.8	57.	--	--	--
CC5	1995.08.12	2100	28.	100.	65.	--	--	--
CC5	1995.08.15	0946	26.	1.0	60.	--	--	--
CC5	1995.08.20	1200	22.	1.5	58.	--	--	--
CC5	1995.08.20	1300	20.	1.2	58.	--	--	--
CC5	1995.08.20	1400	21.	1.0	58.	--	--	--
CC5	1995.08.20	1500	20.	1.2	58.	--	--	--
CC5	1995.08.20	1600	23.	30.	59.	--	--	--
CC5	1995.08.20	1700	23.	29.	60.	--	--	--
CC5	1995.08.21	1000	22.	4.9	60.	--	--	--
CC5	1995.08.21	1100	22.	3.4	60.	--	--	--
CC5	1995.08.21	1200	21.	2.3	60.	--	--	--
CC5	1995.08.21	1300	21.	2.1	60.	--	--	--
CC5	1995.08.21	1400	21.	2.4	59.	--	--	--
CC5	1995.08.21	1500	21.	2.3	59.	--	--	--
CC5	1995.08.22	1400	23.	4.0	60.	--	--	--
CC5	1995.08.22	1422	25.	--	--	--	--	--
CC5	1995.08.22	1433	23.	5.0	61.	7.8	--	7.7
CC5	1995.08.22	1438	23.	5.0	61.	7.8	--	7.7
CC5	1995.08.22	1605	26.	45.	60.	7.3	--	7.6
CC5	1995.08.22	1625	27.	110.	60.	7.3	--	7.7
CC5	1995.08.22	1700	27.	42.	58.	--	--	--
CC5	1995.08.22	1800	25.	12.	58.	--	--	--
CC5	1995.08.22	1900	26.	12.	58.	--	--	--
CC5	1995.08.22	2000	24.	7.7	58.	--	--	--
CC5	1995.08.22	2100	24.	6.7	59.	--	--	--
CC5	1995.08.22	2200	25.	7.0	59.	--	--	--
CC5	1995.08.22	2300	24.	5.2	59.	--	--	--
CC5	1995.08.22	2400	24.	5.3	59.	--	--	--
CC5	1995.08.25	0830	21.	3.0	60.	--	--	--
CC5	1995.08.25	1700	20.	1.8	60.	--	--	--
CC5	1995.08.25	1800	20.	1.9	60.	--	--	--
CC5	1995.08.25	1900	22.	1.8	60.	--	--	--
CC5	1995.08.25	2000	22.	11.	60.	--	--	--
CC5	1995.08.25	2100	22.	4.6	60.	--	--	--
CC5	1995.08.25	2200	22.	3.1	60.	--	--	--
CC5	1995.08.28	1700	21.	3.8	61.	--	--	--
CC5	1995.08.28	1800	22.	36.	62.	--	--	--
CC5	1995.08.28	1900	20.	6.6	61.	--	--	--
CC5	1995.08.28	2000	21.	11.	62.	--	--	--
CC5	1995.08.28	2100	21.	5.9	62.	--	--	--
CC5	1995.08.28	2200	21.	4.0	62.	--	--	--
CC5	1995.08.29	1100	20.	2.0	61.	--	--	--
CC5	1995.08.30	1500	18.	--	63.	7.1	--	--
CC5	1995.08.30	1700	18.	11.	58.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1995.08.30	1800	18.	3.2	59.	--	--	--
CC5	1995.08.30	1900	18.	2.3	58.	--	--	--
CC5	1995.08.30	2000	18.	2.1	58.	--	--	--
CC5	1995.08.30	2100	18.	2.0	58.	--	--	--
CC5	1995.08.30	2200	18.	2.6	58.	--	--	--
CC5	1995.08.30	2300	18.	3.7	58.	--	--	--
CC5	1995.08.30	2400	18.	2.5	59.	--	--	--
CC5	1995.09.01	0935	17.	2.0	59.	--	--	--
CC5	1995.09.05	0930	17.	2.5	63.	8.3	--	7.7
CC5	1995.09.05	1610	16.	2.0	61.	--	--	--
CC5	1995.09.05	2200	16.	2.1	61.	--	--	--
CC5	1995.09.05	2300	16.	1.6	61.	--	--	--
CC5	1995.09.05	2400	17.	2.0	61.	--	--	--
CC5	1995.09.06	1035	16.	--	62.	--	--	--
CC5	1995.09.07	1704	16.	1.8	62.	--	--	--
CC5	1995.09.07	1804	17.	16.	62.	--	--	--
CC5	1995.09.07	1904	16.	2.5	62.	--	--	--
CC5	1995.09.07	2004	16.	2.1	62.	--	--	--
CC5	1995.09.07	2104	16.	2.4	62.	--	--	--
CC5	1995.09.08	0955	16.	7.2	61.	--	--	--
CC5	1995.09.08	1700	16.	5.9	63.	--	--	--
CC5	1995.09.08	1800	16.	5.3	63.	--	--	--
CC5	1995.09.08	1900	16.	6.1	63.	--	--	--
CC5	1995.09.08	2000	16.	2.6	63.	--	--	--
CC5	1995.09.08	2100	16.	2.2	64.	--	--	--
CC5	1995.09.08	2200	15.	2.3	64.	--	--	--
CC5	1995.09.08	2300	15.	6.6	64.	--	--	--
CC5	1995.09.08	2400	15.	3.4	64.	--	--	--
CC5	1995.09.09	1700	16.	2.6	63.	--	--	--
CC5	1995.09.09	1800	16.	1.9	63.	--	--	--
CC5	1995.09.09	1900	15.	20.	65.	--	--	--
CC5	1995.09.09	2000	15.	10.	65.	--	--	--
CC5	1995.09.09	2100	15.	4.6	65.	--	--	--
CC5	1995.09.09	2200	16.	3.7	65.	--	--	--
CC5	1995.09.09	2300	16.	3.1	64.	--	--	--
CC5	1995.09.09	2400	15.	3.1	64.	--	--	--
CC5	1995.09.10	1700	14.	3.0	64.	--	--	--
CC5	1995.09.11	1415		4.9	63.	--	--	--
CC5	1995.09.15	1030	13.	4.0	64.	--	--	--
CC5	1995.09.18	1700	12.	4.6	70.	--	--	--
CC5	1995.09.18	1800	13.	3.3	69.	--	--	--
CC5	1995.09.18	1900	13.	3.1	69.	--	--	--
CC5	1995.09.18	2000	12.	2.5	70.	--	--	--
CC5	1995.09.18	2100	12.	4.4	70.	--	--	--
CC5	1995.09.18	2200	11.	3.4	70.	--	--	--
CC5	1995.09.19	0913	11.	2.0	68.	--	--	--
CC5	1995.09.20	1700	11.	1.8	66.	--	--	--
CC5	1995.09.20	1800	12.	2.6	66.	--	--	--
CC5	1995.09.20	1900	12.	4.9	66.	--	--	--
CC5	1995.09.20	2000	12.	6.6	66.	--	--	--
CC5	1995.09.20	2100	13.	8.5	65.	--	--	--
CC5	1995.09.27	0946	9.4	2.0	72.	--	--	--
CC5	1995.10.04	0840	9.8	--	65.	--	--	--
CC5	1995.11.28	1319	--	--	82.	--	--	--
CC5	1995.11.28	1335	--	--	82.	--	--	--
CC5	1995.12.05	1400	5.1	2.0	80.	10.3	102.	7.9
CC5	1995.12.05	1407	5.1	--	76.	--	--	--
CC5	1996.01.25	0930	--	.7	84.	10.5	106.	8.3
CC5	1996.01.25	0943	3.1	--	84.	--	--	--
CC5	1996.03.12	1208	2.8	--	87.	--	--	--
CC5	1996.03.12	1515	2.8	1.5	94.	10.1	103.	7.6
CC5	1996.04.18	1240	3.6	--	89.	--	--	--
CC5	1996.04.24	1233	3.9	--	90.	--	--	--
CC5	1996.04.24	1235	3.6	5.3	93.	9.1	99.	7.9
CC5	1996.05.08	1710	--	--	90.	--	--	--
CC5	1996.05.09	1545	--	--	81.	--	--	--
CC5	1996.05.16	1140	--	9.0	64.	--	--	--
CC5	1996.05.21	1531	--	--	--	--	--	--
CC5	1996.06.11	1500	--	.3	67.	--	--	--
CC5	1996.06.11	1845	--	2.9	64.	--	--	--
CC5	1996.06.11	1900	--	3.8	64.	8.2	100.	7.9

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1996.06.14	1100	--	1.6	--	--	--	--
CC5	1996.07.01	1735	--	2.0	54.	--	--	--
CC5	1996.07.08	1805	--	1.5	54.	--	--	--
CC5	1996.07.17	1535	--	1.3	59.	--	--	--
CC5	1996.07.31	1310	--	.4	55.	--	--	--
CC5	1996.08.27	1045	--	--	75.	--	--	--
CC5	1996.10.02	1325	--	--	83.	--	--	--
CC5	1996.10.02	1528	--	--	82.	--	--	--
CC5	1996.11.06	1000	--	--	86.	--	--	--
CC5	1996.12.10	1135	--	--	88.	--	--	--
CC5	1996.12.10	1200	--	.9	76.	10.	101.	7.6
CC5	1997.02.20	1434	--	.9	--	10.3	--	8.
CC5	1997.04.17	1615	--	29.	84.	--	--	--
CC5	1997.04.17	1616	--	26.	82.	--	--	--
CC5	1997.04.28	1545	--	21.	85.	--	--	--
CC5	1997.05.09	1555	--	15.	80.	--	--	--
CC5	1997.05.09	1600	--	21.	76.	--	--	--
CC5	1997.05.09	1700	17.	25.	81.	--	--	--
CC5	1997.05.10	1200	15.	7.4	--	--	--	--
CC5	1997.05.10	1700	21.	27.	--	--	--	--
CC5	1997.05.11	1200	18.	6.2	--	--	--	--
CC5	1997.05.11	1700	23.	15.	--	--	--	--
CC5	1997.05.12	1200	17.	3.6	--	--	--	--
CC5	1997.05.12	1700	20.	5.6	--	--	--	--
CC5	1997.05.13	1200	18.	3.1	--	--	--	--
CC5	1997.05.13	1700	27.	38.	--	--	--	--
CC5	1997.05.13	1715	--	37.	68.	--	--	--
CC5	1997.05.13	1720	--	62.	66.	8.5	98.	7.6
CC5	1997.05.13	1721	--	48.	71.	--	--	--
CC5	1997.05.13	1725	--	51.	68.	--	--	--
CC5	1997.05.14	1210	24.	5.2	--	--	--	--
CC5	1997.05.14	1710	30.	13.	--	--	--	--
CC5	1997.05.15	1210	25.	3.6	--	--	--	--
CC5	1997.05.15	1710	38.	33.	--	--	--	--
CC5	1997.05.16	1210	30.	5.5	--	--	--	--
CC5	1997.05.16	1555	--	12.	78.	--	--	--
CC5	1997.05.16	1710	43.	35.	--	--	--	--
CC5	1997.05.16	1810	--	38.	60.	--	--	--
CC5	1997.05.16	1811	--	52.	56.	--	--	--
CC5	1997.05.16	2000	45.	24.	--	--	--	--
CC5	1997.05.17	1200	33.	3.8	--	--	--	--
CC5	1997.05.17	2000	53.	25.	--	--	--	--
CC5	1997.05.18	1200	34.	5.2	--	--	--	--
CC5	1997.05.18	2000	51.	10.	--	--	--	--
CC5	1997.05.19	1200	37.	3.1	--	--	--	--
CC5	1997.05.19	2000	52.	24.	--	--	--	--
CC5	1997.05.20	0944	--	2.6	58.	--	--	--
CC5	1997.05.20	0950	--	2.0	55.	--	--	--
CC5	1997.05.20	1015	--	6.	60.	9.7	102.	7.6
CC5	1997.05.20	1152	--	3.7	55.	--	--	--
CC5	1997.05.20	1203	36.	2.3	--	--	--	--
CC5	1997.05.20	1600	37.	3.4	--	--	--	--
CC5	1997.05.20	1800	41.	5.3	--	--	--	--
CC5	1997.05.20	2000	42.	4.8	--	--	--	--
CC5	1997.05.20	2200	41.	3.0	--	--	--	--
CC5	1997.05.20	2400	40.	4.4	--	--	--	--
CC5	1997.05.21	0200	38.	3.4	--	--	--	--
CC5	1997.05.21	0400	38.	2.4	--	--	--	--
CC5	1997.05.21	0600	36.	2.3	--	--	--	--
CC5	1997.05.21	0800	35.	3.2	--	--	--	--
CC5	1997.05.21	1000	34.	2.8	--	--	--	--
CC5	1997.05.21	1200	34.	3.6	--	--	--	--
CC5	1997.05.21	1400	35.	2.6	--	--	--	--
CC5	1997.05.21	1600	38.	3.4	--	--	--	--
CC5	1997.05.21	1800	44.	8.4	--	--	--	--
CC5	1997.05.21	2000	45.	8.3	--	--	--	--
CC5	1997.05.21	2200	45.	4.4	--	--	--	--
CC5	1997.05.21	2400	44.	4.7	--	--	--	--
CC5	1997.05.22	0200	41.	2.7	--	--	--	--
CC5	1997.05.22	0400	40.	2.6	--	--	--	--
CC5	1997.05.22	0600	40.	3.2	--	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1997.05.22	0800	39.	2.3	--	--	--	--
CC5	1997.05.22	1000	39.	2.4	--	--	--	--
CC5	1997.05.22	1200	40.	6.7	--	--	--	--
CC5	1997.05.22	1400	42.	11.	--	--	--	--
CC5	1997.05.22	1430	41.	5.3	63.	--	--	--
CC5	1997.05.22	2000	40.	2.4	--	--	--	--
CC5	1997.05.23	1200	34.	1.9	--	--	--	--
CC5	1997.05.23	2000	45.	5.3	--	--	--	--
CC5	1997.05.24	1200	35.	31.	--	--	--	--
CC5	1997.05.24	2000	39.	3.0	--	--	--	--
CC5	1997.05.25	1200	32.	1.7	--	--	--	--
CC5	1997.05.25	2000	38.	3.2	--	--	--	--
CC5	1997.05.26	1200	30.	1.3	--	--	--	--
CC5	1997.05.26	2000	29.	1.7	--	--	--	--
CC5	1997.05.27	1200	26.	1.6	--	--	--	--
CC5	1997.05.27	2000	26.	1.6	--	--	--	--
CC5	1997.05.28	1205	23.	2.2	--	--	--	--
CC5	1997.05.28	1310	--	1.1	67.	--	--	--
CC5	1997.05.28	1315	--	1.3	68.	--	--	--
CC5	1997.05.28	1320	--	1.5	67.	--	--	--
CC5	1997.05.28	2015	25.	1.7	--	--	--	--
CC5	1997.05.29	1215	24.	.9	--	--	--	--
CC5	1997.05.29	1445	--	4.7	69.	10.1		8.
CC5	1997.05.29	2015	35.	2.5	--	--	--	--
CC5	1997.05.30	1215	25.	3.2	--	--	--	--
CC5	1997.05.30	2015	35.	10.	--	--	--	--
CC5	1997.05.31	1215	28.	2.1	--	--	--	--
CC5	1997.05.31	2015	48.	34.	--	--	--	--
CC5	1997.06.01	1215	36.	3.5	--	--	--	--
CC5	1997.06.01	2015	51.	16.	--	--	--	--
CC5	1997.06.02	1215	40.	2.7	--	--	--	--
CC5	1997.06.02	2015	50.	29.	--	--	--	--
CC5	1997.06.03	1215	40.	8.2	--	--	--	--
CC5	1997.06.03	1805	--	10.	53.	--	--	--
CC5	1997.06.03	1810	--	14.	57.	--	--	--
CC5	1997.06.03	1811	--	9.8	58.	--	--	--
CC5	1997.06.03	1815	--	11.	53.	--	--	--
CC5	1997.06.03	2026	50.	17.	--	--	--	--
CC5	1997.06.04	1226	40.	9.4	--	--	--	--
CC5	1997.06.04	1325	40.	4.8	61.	8.2	102.	7.8
CC5	1997.06.04	1330	--	4.8	55.	--	--	--
CC5	1997.06.04	1331	--	3.9	56.	--	--	--
CC5	1997.06.04	1335	--	3.3	55.	--	--	--
CC5	1997.06.04	2056	54.	41.	--	--	--	--
CC5	1997.06.09	1415	--	4.7	75.	--	--	--
CC5	1997.06.09	1422	47.	5.2	--	--	--	--
CC5	1997.06.09	1622	47.	4.6	--	--	--	--
CC5	1997.06.09	1822	47.	3.3	--	--	--	--
CC5	1997.06.09	2022	48.	4.0	--	--	--	--
CC5	1997.06.09	2222	47.	3.9	--	--	--	--
CC5	1997.06.10	0022	47.	2.5	--	--	--	--
CC5	1997.06.10	0222	46.	2.7	--	--	--	--
CC5	1997.06.10	0422	46.	1.8	--	--	--	--
CC5	1997.06.10	0622	45.	2.3	--	--	--	--
CC5	1997.06.10	0822	44.	2.3	--	--	--	--
CC5	1997.06.10	1022	44.	2.7	--	--	--	--
CC5	1997.06.10	1222	43.	2.3	--	--	--	--
CC5	1997.06.10	1422	45.	2.6	--	--	--	--
CC5	1997.06.10	1622	45.	4.0	--	--	--	--
CC5	1997.06.10	1822	45.	4.1	--	--	--	--
CC5	1997.06.10	2022	47.	3.6	--	--	--	--
CC5	1997.06.10	2222	47.	5.0	--	--	--	--
CC5	1997.06.11	0022	46.	2.6	--	--	--	--
CC5	1997.06.11	0222	45.	3.1	--	--	--	--
CC5	1997.06.11	0422	49.	13.	--	--	--	--
CC5	1997.06.11	0622	46.	3.9	--	--	--	--
CC5	1997.06.11	0822	45.	2.8	--	--	--	--
CC5	1997.06.11	0925	--	2.7	61.	--	--	--
CC5	1997.06.11	0930	--	4.9	62.	9.1	98.	7.8
CC5	1997.06.11	1022	45.	3.9	--	--	--	--
CC5	1997.06.11	1222	45.	4.5	--	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1997.06.11	2000	48.	3.9	--	--	--	--
CC5	1997.06.12	0800	45.	2.6	--	--	--	--
CC5	1997.06.12	2000	48.	3.5	--	--	--	--
CC5	1997.06.13	0800	46.	1.9	--	--	--	--
CC5	1997.06.13	2000	51.	4.7	--	--	--	--
CC5	1997.06.14	0800	51.	3.7	--	--	--	--
CC5	1997.06.14	2000	52.	3.1	--	--	--	--
CC5	1997.06.15	0800	47.	2.6	--	--	--	--
CC5	1997.06.15	2000	51.	3.9	--	--	--	--
CC5	1997.06.16	0800	48.	2.1	--	--	--	--
CC5	1997.06.16	2000	48.	1.8	--	--	--	--
CC5	1997.06.17	0800	47.	2.4	--	--	--	--
CC5	1997.06.17	2000	48.	2.6	--	--	--	--
CC5	1997.06.18	0800	45.	1.7	--	--	--	--
CC5	1997.06.18	2000	48.	2.3	--	--	--	--
CC5	1997.06.19	0800	45.	1.9	--	--	--	--
CC5	1997.06.19	2000	51.	6.2	--	--	--	--
CC5	1997.06.20	0800	47.	2.5	--	--	--	--
CC5	1997.06.20	2000	49.	3.2	--	--	--	--
CC5	1997.06.21	0800	48.	2.7	--	--	--	--
CC5	1997.06.21	2000	51.	9.7	--	--	--	--
CC5	1997.06.22	0800	48.	2.3	--	--	--	--
CC5	1997.06.22	2000	50.	3.1	--	--	--	--
CC5	1997.06.23	0800	49.	2.1	--	--	--	--
CC5	1997.06.23	2100	52.	6.6	--	--	--	--
CC5	1997.06.24	0900	49.	6.3	--	--	--	--
CC5	1997.06.24	1410	--	3.3	50.	--	--	--
CC5	1997.06.24	1412	--	3.0	51.	--	--	--
CC5	1997.06.24	1415	--	3.1	51.	--	--	--
CC5	1997.06.24	1430	--	3.4	51.	8.9	110.	8.1
CC5	1997.06.24	2103	49.	4.1	--	--	--	--
CC5	1997.06.25	0903	49.	2.3	--	--	--	--
CC5	1997.06.25	2103	48.	1.9	--	--	--	--
CC5	1997.06.26	0903	48.	1.0	--	--	--	--
CC5	1997.06.26	2103	48.	1.2	--	--	--	--
CC5	1997.06.27	0903	47.	1.5	--	--	--	--
CC5	1997.06.27	2103	46.	1.7	--	--	--	--
CC5	1997.06.28	0903	45.	1.7	--	--	--	--
CC5	1997.06.28	2103	45.	2.0	--	--	--	--
CC5	1997.06.29	0903	44.	1.4	--	--	--	--
CC5	1997.06.29	2103	43.	.9	--	--	--	--
CC5	1997.06.30	0903	43.	1.4	--	--	--	--
CC5	1997.06.30	1400	42.	1.4	--	--	--	--
CC5	1997.06.30	1730	--	--	--	--	--	--
CC5	1997.07.01	1315	--	1.8	55.	--	--	--
CC5	1997.07.01	1320	--	1.7	48.	--	--	--
CC5	1997.07.01	1414	41.	1.5	--	--	--	--
CC5	1997.07.02	1414	40.	1.1	--	--	--	--
CC5	1997.07.03	1414	38.	1.3	--	--	--	--
CC5	1997.07.04	1414	38.	1.4	--	--	--	--
CC5	1997.07.05	1414	36.	2.5	--	--	--	--
CC5	1997.07.06	1414	36.	.8	--	--	--	--
CC5	1997.07.07	1414	34.	.6	--	--	--	--
CC5	1997.07.08	1414	35.	1.2	--	--	--	--
CC5	1997.07.09	1414	33.	1.6	--	--	--	--
CC5	1997.07.10	1030	--	2.0	49.	--	--	--
CC5	1997.07.10	1120	--	1.6	50.	--	--	--
CC5	1997.07.10	1125	--	1.0	50.	--	--	--
CC5	1997.07.10	1145	--	2.2	53.	8.	99.	7.7
CC5	1997.07.10	1418	33.	1.6	--	--	--	--
CC5	1997.07.11	1418	31.	1.7	--	--	--	--
CC5	1997.07.12	1418	29.	1.3	--	--	--	--
CC5	1997.07.13	1418	28.	1.2	--	--	--	--
CC5	1997.07.14	1418	28.	1.4	--	--	--	--
CC5	1997.07.15	1418	28.	1.2	--	--	--	--
CC5	1997.07.16	1418	28.	1.0	--	--	--	--
CC5	1997.07.19	1419	28.	1.1	--	--	--	--
CC5	1997.07.20	1419	26.	3.8	--	--	--	--
CC5	1997.07.22	1205	--	2.0	49.	--	--	--
CC5	1997.07.22	1220	--	1.7	51.	8.7	107.	--
CC5	1997.07.28	1435	--	--	--	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1997.07.28	1630	--	21.	60.	--	--	--
CC5	1997.07.28	1725	--	110.	57.	--	--	7.9
CC5	1997.08.06	1154	29.	7.8	--	--	--	--
CC5	1997.08.07	1154	27.	2.6	--	--	--	--
CC5	1997.08.07	1350	--	2.4	60.	--	--	--
CC5	1997.08.07	1400	24.	2.5	53.	7.8	--	8.1
CC5	1997.08.07	1415	24.	--	53.	7.8	--	8.1
CC5	1997.08.08	1154	26.	2.3	--	--	--	--
CC5	1997.08.09	1154	25.	1.8	--	--	--	--
CC5	1997.08.09	1400	--	2.3	53.	--	--	7.6
CC5	1997.08.09	1630	--	61.	53.	--	--	7.5
CC5	1997.08.09	1700	26.	29.	--	--	--	--
CC5	1997.08.09	1715	26.	16.	--	--	--	--
CC5	1997.08.09	1730	26.	11.	--	--	--	--
CC5	1997.08.09	1745	26.	8.9	--	--	--	--
CC5	1997.08.09	1815	26.	4.4	--	--	--	--
CC5	1997.08.09	2145	26.	7.6	--	--	--	--
CC5	1997.08.10	1154	33.	91.	--	--	--	--
CC5	1997.08.11	1154	26.	3.2	--	--	--	--
CC5	1997.08.11	1505	--	19.	57.	--	--	--
CC5	1997.08.11	1520	--	79.	53.	--	--	7.5
CC5	1997.08.11	1530	27.	65.	--	--	--	--
CC5	1997.08.11	1600	27.	20.	--	--	--	--
CC5	1997.08.11	1630	27.	24.	--	--	--	--
CC5	1997.08.11	1700	27.	87.	--	--	--	--
CC5	1997.08.11	1730	27.	100.	--	--	--	--
CC5	1997.08.11	1830	27.	20.	--	--	--	--
CC5	1997.08.11	1930	27.	8.5	--	--	--	--
CC5	1997.08.11	2130	26.	4.5	--	--	--	--
CC5	1997.08.12	1154	26.	3.5	--	--	--	--
CC5	1997.08.12	1415	--	--	--	--	--	--
CC5	1997.08.12	1420	--	1.9	56.	--	--	--
CC5	1997.08.13	1201	26.	2.0	--	--	--	--
CC5	1997.08.14	1201	26.	2.4	--	--	--	--
CC5	1997.08.15	1201	25.	1.5	--	--	--	--
CC5	1997.08.16	1201	24.	2.6	--	--	--	--
CC5	1997.08.17	1201	24.	2.1	--	--	--	--
CC5	1997.08.18	1201	24.	2.0	--	--	--	--
CC5	1997.08.19	1201	23.	1.5	--	--	--	--
CC5	1997.08.20	1201	22.	1.7	--	--	--	--
CC5	1997.08.21	1200	--	2.0	54.	8.6	102.	7.8
CC5	1997.08.21	1201	21.	1.5	--	--	--	--
CC5	1997.08.22	1201	21.	1.2	--	--	--	--
CC5	1997.08.23	1201	21.	1.8	--	--	--	--
CC5	1997.08.24	1201	20.	2.8	--	--	--	--
CC5	1997.08.25	1201	21.	1.3	--	--	--	--
CC5	1997.08.26	1201	20.	1.5	--	--	--	--
CC5	1997.08.26	1716	21.	380.	--	--	--	--
CC5	1997.08.26	1730	21.	20.	--	--	--	--
CC5	1997.08.26	1800	20.	14.	--	--	--	--
CC5	1997.08.26	1830	20.	12.	--	--	--	--
CC5	1997.08.26	1900	20.	1.7	--	--	--	--
CC5	1997.08.26	2100	20.	1.8	--	--	--	--
CC5	1997.08.26	2400	20.	1.5	--	--	--	--
CC5	1997.08.27	0300	20.	3.6	--	--	--	--
CC5	1997.08.27	1201	19.	1.7	--	--	--	--
CC5	1997.08.28	1201	19.	1.7	--	--	--	--
CC5	1997.08.29	1201	18.	2.0	--	--	--	--
CC5	1997.09.01	1601	21.	72.	--	--	--	--
CC5	1997.09.01	1615	--	1,500.	73.	--	--	8.2
CC5	1997.09.01	1645	19.	990.	--	--	--	--
CC5	1997.09.01	1715	19.	57.	--	--	--	--
CC5	1997.09.01	1815	17.	11.	--	--	--	--
CC5	1997.09.01	1915	18.	32.	--	--	--	--
CC5	1997.09.01	2115	17.	4.8	--	--	--	--
CC5	1997.09.01	2315	--	4.1	61.	--	--	7.9
CC5	1997.09.02	1845	16.	1.3	--	--	--	--
CC5	1997.09.02	1900	16.	1.5	--	--	--	--
CC5	1997.09.02	1930	16.	1.4	--	--	--	--
CC5	1997.09.02	2000	16.	4.6	--	--	--	--
CC5	1997.09.02	2100	16.	1.6	--	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC5	1997.09.02	2200	16.	2.9	--	--	--	--
CC5	1997.09.02	2400	16.	1.6	--	--	--	--
CC5	1997.09.03	0200	16.	1.1	--	--	--	--
CC5	1997.09.10	1740	--	1.7	61.	7.8	99.	7.8
CC5	1997.09.18	1037	--	1.8	67.	--	--	--
CC5	1997.09.18	1045	--	--	--	--	--	--
CC5	1997.09.26	1415	--	2.2	63.	8.4	104.	8.1
CC7	1994.10.18	1445	5.9	--	110.	--	--	--
CC7	1994.11.30	1250	4.9	--	113.	9.2	101.	8.1
CC7	1994.12.28	1320	4.3	--	111.	8.9	--	8.
CC7	1995.02.01	1420	3.9	--	113.	9.7	--	7.9
CC7	1995.03.17	1250	8.3	--	107.	9.1	101.	8.
CC7	1995.04.13	1315	7.9	--	111.	--	--	--
CC7	1995.04.28	1340	5.4	--	114.	--	--	--
CC7	1995.05.10	1700	6.	.7	115.	9.2	--	7.9
CC7	1995.05.10	1730	6.4	.7	115.	9.2	--	7.9
CC7	1995.05.15	1700	7.8	160.	80.	--	--	--
CC7	1995.05.18	1505	9.2	1.0	110.	--	--	--
CC7	1995.05.22	1430	11.	52.	100.	--	--	--
CC7	1995.05.23	1255	11.	1.0	115.	--	--	--
CC7	1995.05.30	1330	11.	6.0	114.	--	--	--
CC7	1995.05.31	1113	12.	1.0	119.	--	--	--
CC7	1995.06.06	1640	16.	66.	78.	--	--	--
CC7	1995.06.07	1455	17.	1.4	108.	--	--	--
CC7	1995.06.07	1515	17.	--	--	--	--	--
CC7	1995.06.13	1610	34.	5.0	98.	8.8		7.7
CC7	1995.06.13	1815	35.	5.0	98.	8.8	101.	7.7
CC7	1995.06.13	1840	37.	--	--	--	--	--
CC7	1995.06.15	1656	76.	10.	90.	--	--	--
CC7	1995.06.29	1115	121.	--	74.	--	--	--
CC7	1995.07.07	1410	35.	2.4	81.	--	--	--
CC7	1995.07.14	1450	82.	--	71.	--	--	--
CC7	1995.07.18	1306	101.	1.9	68.	--	--	--
CC7	1995.07.19	1304	100.	--	68.	--	--	--
CC7	1995.07.19	1536	96.	2.1	68.	--	--	--
CC7	1995.07.21	1155	72.	1.8	67.	--	--	--
CC7	1995.08.03	1020	41.	--	75.	--	--	--
CC7	1995.08.04	1210	42.	1.0	77.	--	--	--
CC7	1995.08.08	1110	39.	1.0	79.	--	--	--
CC7	1995.08.29	1435	28.	1.0	81.	--	--	--
CC7	1995.09.05	1315	15.	1.0	88.	9.2	116.	7.8
CC7	1995.09.27	1230	18.	1.0	88.	--	--	--
CC7	1995.10.02	1713	16.	--	90.	--	--	--
CC7	1995.10.11	1035	13.	--	88.	--	--	--
CC7	1995.11.07	1320	6.9	--	103.	--	--	--
CC7	1995.11.28	1104	8.6	--	91.	--	--	--
CC7	1995.12.05	0928	8.3	--	102.	--	--	--
CC7	1995.12.05	1000	8.3	.4	101.	10.7	111.	8.4
CC7	1995.12.28	1320	4.3	--	111.	8.9	94.	8.
CC7	1996.01.25	1245	5.2	.7	101.	11.	114.	8.4
CC7	1996.01.25	1305	5.2	--	101.	--	--	--
CC7	1996.02.07	1045	3.5	--	109.	--	--	--
CC7	1996.02.29	1145	5.1	--	106.	--	--	--
CC7	1996.03.12	1245	5.8	.3	105.	9.5	101.	7.4
CC7	1996.03.12	1256	5.8	--	100.	--	--	--
CC7	1996.04.23	1510	7.	--	102.	--	--	--
CC7	1996.05.31	1830	24.	2.6	89.	--	--	--
CC7	1996.06.12	1140	48.	22.	80.	--	--	--
CC7	1996.06.14	1010	50.	--	75.	--	--	--
CC7	1996.06.17	1600	54.	12.	77.	--	--	--
CC7	1996.06.17	1700	47.	--	77.	--	--	--
CC7	1996.06.24	1735	55.	1.8	76.	--	--	--
CC7	1996.07.01	1645	49.	1.2	76.	--	--	--
CC7	1996.07.08	1910	49.	.2	77.	--	--	--
CC7	1996.07.30	1300	18.	.3	84.	--	--	--
CC7	1996.08.26	1450	10.	--	105.	--	--	--
CC7	1996.10.02	1100	12.	--	107.	--	--	--
CC7	1996.11.04	1300	6.7	--	111.	--	--	--
CC7	1996.12.11	0905	5.9	--	109.	--	--	--
CC7	1997.02.21	1250	3.9	.4	104.	9.1	93.	7.9

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC7	1997.05.09	0850	7.9	1.2	107.	--	--	--
CC7	1997.05.22	1040	20.	1.7	102.	--	--	--
CC7	1997.05.26	1725	58.	1.4	84.	--	--	--
CC7	1997.05.28	0933	42.	2.4	87.	--	--	--
CC7	1997.05.28	1500	38.	1.3	87.	--	--	--
CC7	1997.06.03	1340	60.	1.7	82.	--	--	--
CC7	1997.06.05	1220	64.	1.5	77.	--	--	--
CC7	1997.06.13	1130	88.	2.2	76.	--	--	--
CC7	1997.06.30	1010	61.	6.0	76.	--	--	--
CC7	1997.07.07	1440	46.	1.1	73.	--	--	--
CC7	1997.07.10	1050	36.	1.3	81.	--	--	--
CC7	1997.07.22	1045	31.	6.4	77.	--	--	--
CC7	1997.07.22	1100	31.	.8	80.	8.2	103.	7.6
CC7	1997.08.13	1610	29.	--	--	--	--	--
CC7	1997.09.11	1545	21.	.9	83.	7.6	99.	8.1
CC7	1997.09.18	1545	19.	--	--	--	--	--
CC7	1997.09.26	1215	16.	.8	83.	7.9	100.	7.8
CC9	1994.10.18	1420	7.5	--	108.	--	--	--
CC9	1994.11.30	1135	2.6	--	130.	9.3	94.	7.6
CC9	1994.12.28	1100	1.7	--	137.	9.8	100.	7.3
CC9	1995.02.01	1200	1.6	--	142.	11.3	112.	7.1
CC9	1995.03.17	1230	1.6	--	148.	10.	101.	7.2
CC9	1995.04.08	1700	3.	--	84.	--	--	7.4
CC9	1995.04.12	1402	1.7	--	144.	--	--	--
CC9	1995.04.28	1250	1.4	--	145.	--	--	--
CC9	1995.05.10	1400	1.9	--	143.	9.5	--	7.5
CC9	1995.05.10	1415	1.8	3.6	143.	--	--	--
CC9	1995.05.12	1315	2.	4.5	140.	--	--	--
CC9	1995.05.18	1315	5.5	5.0	113.	--	--	--
CC9	1995.05.22	1525	9.	5.0	105.	--	--	--
CC9	1995.05.23	1015	9.9	2.0	99.	--	--	--
CC9	1995.05.30	1145	9.	1.0	109.	--	--	--
CC9	1995.05.31	0920	8.2	1.0	115.	--	--	--
CC9	1995.06.07	1420	32.	5.0	73.	--	--	--
CC9	1995.06.08	1000	28.	--	--	--	--	--
CC9	1995.06.08	1025	29.	3.0	75.	--	--	--
CC9	1995.06.13	1640	56.	19.	62.	8.4	93.	7.8
CC9	1995.06.13	1656	51.	--	--	--	--	--
CC9	1995.06.15	1430	97.	55.	53.	--	--	--
CC9	1995.06.15	1715	97.	--	--	--	--	--
CC9	1995.06.20	1225	106.	12.	48.	--	--	--
CC9	1995.06.20	1300	108.	--	--	--	--	--
CC9	1995.06.22	1400	120.	30.	45.	--	--	--
CC9	1995.06.29	1015	99.	--	44.	--	--	--
CC9	1995.07.05	1245	70.	1.3	54.	--	--	--
CC9	1995.07.05	1455	66.	--	54.	--	--	--
CC9	1995.07.14	1056	97.	--	47.	--	--	--
CC9	1995.07.18	1400	90.	--	40.	--	--	--
CC9	1995.07.18	1515	94.	--		--	--	--
CC9	1995.07.18	1519	94.	2.8	49.	--	--	--
CC9	1995.07.18	1719	99.	--	48.	--	--	--
CC9	1995.07.18	1819	104.	4.2	49.	--	--	--
CC9	1995.07.18	1919	104.	3.8	49.	--	--	--
CC9	1995.07.18	2019	101.	3.3	49.	--	--	--
CC9	1995.07.18	2119	101.	3.1	49.	--	--	--
CC9	1995.07.18	2219	99.	3.3	49.	--	--	--
CC9	1995.07.19	1619	85.	1.7	50.	--	--	--
CC9	1995.07.19	1819	81.	3.3	49.	--	--	--
CC9	1995.07.19	1919	83.	3.6	49.	--	--	--
CC9	1995.07.19	2019	--	--	49.	--	--	--
CC9	1995.07.19	2119	89.	1.9	49.	--	--	--
CC9	1995.07.19	2219	87.	1.8	50.	--	--	--
CC9	1995.07.19	2319	87.	2.5	50.	--	--	--
CC9	1995.07.20	1719	87.	3.9	51.	--	--	--
CC9	1995.07.20	1819	89.	3.8	51.	--	--	--
CC9	1995.07.20	1919	92.	2.6	51.	--	--	--
CC9	1995.07.20	2019	92.	1.8	51.	--	--	--
CC9	1995.07.20	2119	92.	2.2	51.	--	--	--
CC9	1995.07.20	2219	94.	1.0	51.	--	--	--
CC9	1995.07.21	1105	87.	2.0	52.	--	--	7.

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC9	1995.07.25	1410	51.	1.0	57.	--	--	--
CC9	1995.07.28	1337	45.	1.0	57.	--	--	--
CC9	1995.07.30	1400	43.	1.4	58.	--	--	--
CC9	1995.07.30	1500	43.	1.4	58.	--	--	--
CC9	1995.07.30	1600	47.	1.6	58.	--	--	--
CC9	1995.07.30	1700	49.	1.4	58.	--	--	--
CC9	1995.07.30	1800	47.	1.4	57.	--	--	--
CC9	1995.07.30	1900	49.	1.9	58.	--	--	--
CC9	1995.08.01	1140	41.	1.0	57.	--	--	--
CC9	1995.08.01	1240	41.	190.	59.	--	--	7.6
CC9	1995.08.01	1245	41.	32.	--	--	--	--
CC9	1995.08.01	1310	41.	8.0	--	--	--	--
CC9	1995.08.03	1400	33.	.9	64.	--	--	--
CC9	1995.08.03	1500	33.	1.4	64.	--	--	--
CC9	1995.08.03	1600	34.	1.9	63.	--	--	--
CC9	1995.08.03	1700	34.	1.4	63.	--	--	--
CC9	1995.08.03	1800	34.	1.7	61.	--	--	--
CC9	1995.08.03	1900	35.	1.0	62.	--	--	--
CC9	1995.08.03	2000	36.	2.0	62.	--	--	--
CC9	1995.08.03	2100	37.	2.1	61.	--	--	--
CC9	1995.08.04	1345	33.	1.0	63.	--	--	--
CC9	1995.08.04	1600	33.	1.2	62.	--	--	--
CC9	1995.08.04	1700	34.	.7	62.	--	--	--
CC9	1995.08.04	1800	35.	1.0	62.	--	--	--
CC9	1995.08.04	1900	36.	.8	61.	--	--	--
CC9	1995.08.04	2000	36.	1.0	61.	--	--	--
CC9	1995.08.08	1155	29.	1.0	64.	--	--	--
CC9	1995.08.11	0945	28.	1.0	66.	--	--	--
CC9	1995.08.12	1500	26.	1.2	66.	--	--	--
CC9	1995.08.12	1600	27.	.8	66.	--	--	--
CC9	1995.08.12	1700	27.	.6	66.	--	--	--
CC9	1995.08.12	1800	27.	.7	66.	--	--	--
CC9	1995.08.12	1900	28.	.8	66.	--	--	--
CC9	1995.08.12	2000	28.	1.0	66.	--	--	--
CC9	1995.08.14	1500	27.	.9	69.	--	--	--
CC9	1995.08.14	1600	28.	1.1	68.	--	--	--
CC9	1995.08.14	1700	29.	1.7	68.	--	--	--
CC9	1995.08.14	1800	28.	.9	68.	--	--	--
CC9	1995.08.14	1900	28.	.7	69.	--	--	--
CC9	1995.08.14	2000	28.	.8	69.	--	--	--
CC9	1995.08.15	1340	24.	1.0	69.	--	--	--
CC9	1995.08.16	1100	26.	--	69.	--	--	--
CC9	1995.08.23	1700	25.	2.3	73.	--	--	--
CC9	1995.08.23	1800	24.	1.8	70.	--	--	--
CC9	1995.08.23	1900	24.	1.4	71.	--	--	--
CC9	1995.08.23	2000	23.	1.1	71.	--	--	--
CC9	1995.08.23	2100	23.	1.3	72.	--	--	--
CC9	1995.08.23	2200	23.	.8	73.	--	--	--
CC9	1995.08.23	2300	23.	.8	73.	--	--	--
CC9	1995.08.23	2400	23.	1.0	73.	--	--	--
CC9	1995.08.24	1100	21.	--	71.	--	--	7.5
CC9	1995.08.25	1000	20.	1.0	73.	--	--	--
CC9	1995.08.25	1700	19.	.7	74.	--	--	--
CC9	1995.08.25	1800	20.	.6	73.	--	--	--
CC9	1995.08.25	1900	20.	.6	73.	--	--	--
CC9	1995.08.25	2000	22.	.6	72.	--	--	--
CC9	1995.08.25	2100	23.	.8	72.	--	--	--
CC9	1995.08.25	2200	23.	1.1	72.	--	--	--
CC9	1995.08.28	1700	21.	4.5	74.	--	--	--
CC9	1995.08.28	1800	25.	18.	73.	--	--	--
CC9	1995.08.28	1900	23.	26.	71.	--	--	--
CC9	1995.08.28	2000	23.	7.5	74.	--	--	--
CC9	1995.08.28	2100	24.	2.4	77.	--	--	--
CC9	1995.08.28	2200	23.	2.1	78.	--	--	--
CC9	1995.08.29	1251	18.	1.0	77.	--	--	--
CC9	1995.09.01	1105	17.	1.0	77.	--	--	--
CC9	1995.09.04	1700	13.	1.0	80.	--	--	--
CC9	1995.09.04	1800	13.	1.0	80.	--	--	--
CC9	1995.09.04	1900	13.	2.1	80.	--	--	--
CC9	1995.09.04	2000	13.	1.1	79.	--	--	--
CC9	1995.09.04	2100	13.	1.1	79.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC9	1995.09.04	2200	13.	.8	79.	--	--	--
CC9	1995.09.05	1727	11.	1.0	77.	--	--	--
CC9	1995.09.05	2200	11.	.6	83.	--	--	--
CC9	1995.09.05	2300	11.	1.1	83.	--	--	--
CC9	1995.09.05	2400	12.	.6	83.	--	--	--
CC9	1995.09.06	1400	13.	.5	82.	8.6	105.	7.5
CC9	1995.09.07	1700	13.	1.2	83.	--	--	--
CC9	1995.09.07	1800	13.	1.2	83.	--	--	--
CC9	1995.09.07	1900	13.	.8	83.	--	--	--
CC9	1995.09.07	2000	13.	1.0	83.	--	--	--
CC9	1995.09.07	2100	13.	.9	84.	--	--	--
CC9	1995.09.07	2200	13.	1.1	85.	--	--	--
CC9	1995.09.08	1127	13.	.3	81.	--	--	--
CC9	1995.09.08	1700	15.	1.9	79.	--	--	--
CC9	1995.09.08	1800	15.	1.7	79.	--	--	--
CC9	1995.09.08	1900	14.	1.3	80.	--	--	--
CC9	1995.09.08	2000	14.	2.6	81.	--	--	--
CC9	1995.09.08	2100	14.	1.8	82.	--	--	--
CC9	1995.09.08	2200	13.	.9	83.	--	--	--
CC9	1995.09.08	2300	13.	1.5	84.	--	--	--
CC9	1995.09.08	2400	13.	1.1	83.	--	--	--
CC9	1995.09.09	1700	15.	1.8	80.	--	--	--
CC9	1995.09.09	1800	15.	1.4	80.	--	--	--
CC9	1995.09.09	1900	15.	1.4	81.	--	--	--
CC9	1995.09.09	2000	15.	2.5	83.	--	--	--
CC9	1995.09.09	2100	14.	1.2	91.	--	--	--
CC9	1995.09.09	2200	14.	.9	91.	--	--	--
CC9	1995.09.09	2300	13.	1.2	91.	--	--	--
CC9	1995.09.09	2400	13.	1.0	91.	--	--	--
CC9	1995.09.11	1630	13.	2.0	81.	--	--	--
CC9	1995.09.11	1800	13.	1.1	80.	--	--	--
CC9	1995.09.11	1900	13.	1.2	80.	--	--	--
CC9	1995.09.11	2000	13.	.8	80.	--	--	--
CC9	1995.09.11	2100	13.	.9	81.	--	--	--
CC9	1995.09.11	2200	13.	.6	81.	--	--	--
CC9	1995.09.11	2300	13.	.6	82.	--	--	--
CC9	1995.09.11	2400	12.	.5	83.	--	--	--
CC9	1995.09.12	0100	12.	.6	83.	--	--	--
CC9	1995.09.15	1148	9.9	1.0	78.	--	--	--
CC9	1995.09.18	1700	11.	1.1	81.	--	--	--
CC9	1995.09.18	1800	11.	1.1	81.	--	--	--
CC9	1995.09.18	1900	11.	1.2	82.	--	--	--
CC9	1995.09.18	2000	11.	.8	83.	--	--	--
CC9	1995.09.18	2100	11.	.8	83.	--	--	--
CC9	1995.09.18	2200	10.	.8	84.	--	--	--
CC9	1995.09.19	1046	9.6	.4	84.	--	--	--
CC9	1995.09.20	1700	10.	2.3	82.	--	--	--
CC9	1995.09.20	1800	10.	4.8	82.	--	--	--
CC9	1995.09.20	1900	11.	2.8	81.	--	--	--
CC9	1995.09.20	2000	11.	1.7	80.	--	--	--
CC9	1995.09.20	2100	11.	1.3	79.	--	--	--
CC9	1995.09.20	2200	11.	1.5	79.	--	--	--
CC9	1995.09.20	2300	11.	1.7	79.	--	--	--
CC9	1995.09.20	2400	11.	1.2	80.	--	--	--
CC9	1995.09.21	1710	10.	--	80.	--	--	--
CC9	1995.09.27	1103	8.7	.4	88.	--	--	--
CC9	1995.10.04	1015	6.5	--	87.	--	--	--
CC9	1995.11.07	1250	5.2	--	116.	--	--	--
CC9	1995.11.28	1200	3.5	--	122.	--	--	--
CC9	1995.12.05	1130	2.7	--	111.	--	--	--
CC9	1995.12.05	1200	2.7	.3	124.	10.3	102.	8.8
CC9	1995.12.05	1215	2.7	--	--	--	--	--
CC9	1996.01.25	1303	1.8	--	--	--	--	--
CC9	1996.01.25	1417	1.8	--	138.	--	--	--
CC9	1996.01.25	1430	1.8	.3	138.	10.8	106.	8.3
CC9	1996.03.12	1140	1.5	--	136.	--	--	--
CC9	1996.03.12	1150	1.5	--	--	--	--	--
CC9	1996.03.12	1200	1.5	.4	148.	10.1	101.	8.2
CC9	1996.04.23	1230	2.7	.6	142.	9.3	98.	7.8
CC9	1996.04.23	1240	2.1	--	136.	--	--	--
CC9	1996.04.23	1340	2.4	--	--	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY. MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC9	1996.05.08	1515	10.	--	102.	--	--	--
CC9	1996.05.17	1200	44.	4.7	64.	--	--	--
CC9	1996.05.17	1600	55.	5.6	61.	--	--	--
CC9	1996.05.17	2000	56.	5.9	58.	--	--	--
CC9	1996.05.17	2400	53.	4.4	60.	--	--	--
CC9	1996.05.18	1200	53.	2.0	61.	--	--	--
CC9	1996.05.18	1600	59.	13.	56.	--	--	--
CC9	1996.05.18	2000	61.	11.	56.	--	--	--
CC9	1996.05.18	2400	53.	6.3	58.	--	--	--
CC9	1996.05.19	1200	61.	3.5	58.	--	--	--
CC9	1996.05.19	1600	66.	13.	54.	--	--	--
CC9	1996.05.19	2000	67.	15.	54.	--	--	--
CC9	1996.05.19	2400	59.	9.2	56.	--	--	--
CC9	1996.05.20	1200	61.	4.3	56.	--	--	--
CC9	1996.05.20	1553	56.	--	57.	--	--	--
CC9	1996.05.20	1602	56.	2.6	58.	--	--	--
CC9	1996.05.20	2002	61.	2.0	57.	--	--	--
CC9	1996.05.21	1200	43.	3.4	60.	--	--	--
CC9	1996.05.21	1700	58.	7.3	59.	--	--	--
CC9	1996.05.21	2100	56.	5.4	58.	--	--	--
CC9	1996.05.21	2400	61.	5.3	58.	--	--	--
CC9	1996.05.22	1200	47.	2.6	59.	--	--	--
CC9	1996.05.22	1700	61.	6.2	57.	--	--	--
CC9	1996.05.22	2100	59.	5.6	56.	--	--	--
CC9	1996.05.22	2400	63.	3.4	56.	--	--	--
CC9	1996.05.23	1200	45.	3.6	57.	--	--	--
CC9	1996.05.23	1800	59.	5.4	57.	--	--	--
CC9	1996.05.23	2400	52.	2.3	58.	--	--	--
CC9	1996.05.24	1200	42.	1.4	59.	--	--	--
CC9	1996.05.24	1800	42.	1.5	60.	--	--	--
CC9	1996.05.24	2400	40.	1.4	60.	--	--	--
CC9	1996.05.25	1200	38.	1.3	62.	--	--	--
CC9	1996.05.25	1800	38.	1.6	63.	--	--	--
CC9	1996.05.25	2400	36.	1.7	63.	--	--	--
CC9	1996.05.26	1200	36.	2.6	62.	--	--	--
CC9	1996.05.26	1800	34.	2.3	64.	--	--	--
CC9	1996.05.26	2400	31.	.9	65.	--	--	--
CC9	1996.05.27	1200	30.	1.2	65.	--	--	--
CC9	1996.05.27	1800	30.	1.7	65.	--	--	--
CC9	1996.05.27	2400	29.	1.1	67.	--	--	--
CC9	1996.05.28	1200	27.	19.	67.	--	--	--
CC9	1996.05.28	1800	29.	1.8	67.	--	--	--
CC9	1996.05.28	2400	28.	1.0	68.	--	--	--
CC9	1996.05.29	1200	26.	.6	68.	--	--	--
CC9	1996.05.29	1750	39.	2.8	64.	--	--	--
CC9	1996.05.29	2350	36.	1.4	67.	--	--	--
CC9	1996.05.30	1150	29.	1.1	67.	--	--	--
CC9	1996.05.30	1750	37.	.8	65.	--	--	--
CC9	1996.05.30	2350	35.	1.3	67.	--	--	--
CC9	1996.05.31	1150	29.	1.0	67.	--	--	--
CC9	1996.05.31	1705	34.	--	70.	--	--	--
CC9	1996.05.31	1710	34.	.7	66.	--	--	--
CC9	1996.05.31	1750	35.	1.3	66.	--	--	--
CC9	1996.05.31	2350	36.	1.2	66.	--	--	--
CC9	1996.06.01	1150	30.	.9	66.	--	--	--
CC9	1996.06.01	1750	35.	1.0	66.	--	--	--
CC9	1996.06.01	2350	35.	1.4	66.	--	--	--
CC9	1996.06.02	1150	29.	1.5	66.	--	--	--
CC9	1996.06.02	1750	38.	2.9	66.	--	--	--
CC9	1996.06.02	2350	39.	1.8	65.	--	--	--
CC9	1996.06.03	1150	32.	1.1	65.	--	--	--
CC9	1996.06.03	1750	43.	1.9	64.	--	--	--
CC9	1996.06.03	2350	44.	1.9	61.	--	--	--
CC9	1996.06.04	1150	39.	1.0	61.	--	--	--
CC9	1996.06.04	1750	46.	2.6	61.	--	--	--
CC9	1996.06.04	2350	52.	4.0	58.	--	--	--
CC9	1996.06.05	1150	42.	2.2	60.	--	--	--
CC9	1996.06.05	1700	58.	19.	58.	--	--	--
CC9	1996.06.05	2000	61.	7.6	54.	--	--	--
CC9	1996.06.06	1200	55.	1.2	56.	--	--	--
CC9	1996.06.06	1700	59.	4.2	54.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY. MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC9	1996.06.06	2000	67.	8.7	53.	--	--	--
CC9	1996.06.07	1200	58.	1.5	55.	--	--	--
CC9	1996.06.07	1700	63.	5.7	54.	--	--	--
CC9	1996.06.07	2000	76.	7.6	51.	--	--	--
CC9	1996.06.08	1200	58.	1.9	53.	--	--	--
CC9	1996.06.08	1700	76.	10.	52.	--	--	--
CC9	1996.06.08	2000	86.	3.4	50.	--	--	--
CC9	1996.06.09	1200	64.	2.9	50.	--	--	--
CC9	1996.06.09	1700	94.	12.	48.	--	--	--
CC9	1996.06.09	2000	96.	12.	46.	--	--	--
CC9	1996.06.10	1200	67.	3.4	49.	--	--	--
CC9	1996.06.10	1700	88.	15.	49.	--	--	--
CC9	1996.06.10	2000	92.	4.8	46.	--	--	--
CC9	1996.06.11	1200	71.	2.8	48.	--	--	--
CC9	1996.06.11	1700	90.	6.7	48.	--	--	--
CC9	1996.06.11	2000	92.	5.5	45.	--	--	--
CC9	1996.06.12	1027	71.	--	58.	--	--	--
CC9	1996.06.12	1028	71.	2.8	50.	--	--	--
CC9	1996.06.12	1200	71.	1.6	48.	--	--	--
CC9	1996.06.12	1800	94.	24.	48.	--	--	--
CC9	1996.06.12	1805	81.	25.	46.	9.2	98.	7.7
CC9	1996.06.12	1815	81.	--	51.	--	--	--
CC9	1996.06.12	2400	78.	2.6	47.	--	--	--
CC9	1996.06.13	1200	64.	2.2	48.	--	--	--
CC9	1996.06.13	1800	90.	8.0	48.	--	--	--
CC9	1996.06.13	2400	88.	4.0	45.	--	--	--
CC9	1996.06.14	0945	73.	--	46.	--	--	--
CC9	1996.06.14	0950	74.	1.6	46.	--	--	--
CC9	1996.06.14	1200	71.	3.0	48.	--	--	--
CC9	1996.06.14	1800	67.	1.4	47.	--	--	--
CC9	1996.06.14	2400	64.	.8	49.	--	--	--
CC9	1996.06.15	1200	66.	3.2	48.	--	--	--
CC9	1996.06.15	1800	94.	5.9	49.	--	--	--
CC9	1996.06.15	2400	74.	2.9	50.	--	--	--
CC9	1996.06.16	1200	58.	1.3	50.	--	--	--
CC9	1996.06.16	1800	76.	4.4	47.	--	--	--
CC9	1996.06.16	2400	71.	1.4	47.	--	--	--
CC9	1996.06.17	1200	56.	1.3	49.	--	--	--
CC9	1996.06.17	1800	71.	3.0	46.	--	--	--
CC9	1996.06.17	2400	69.	2.2	46.	--	--	--
CC9	1996.06.18	1200	55.	.6	48.	--	--	--
CC9	1996.06.18	1800	71.	3.8	46.	--	--	--
CC9	1996.06.18	2400	67.	1.0	46.	--	--	--
CC9	1996.06.19	1200	55.	3.1	46.	--	--	--
CC9	1996.06.19	2200	71.	1.3	48.	--	--	--
CC9	1996.06.20	1200	53.	1.2	46.	--	--	--
CC9	1996.06.20	2200	73.	1.6	47.	--	--	--
CC9	1996.06.21	1200	63.	3.0	44.	--	--	--
CC9	1996.06.21	2200	82.	3.8	47.	--	--	--
CC9	1996.06.22	1200	84.	2.6	44.	--	--	--
CC9	1996.06.22	2200	80.	2.0	47.	--	--	--
CC9	1996.06.23	1200	58.	1.8	46.	--	--	--
CC9	1996.06.23	2200	67.	1.5	49.	--	--	--
CC9	1996.06.24	1200	53.	1.9	47.	--	--	--
CC9	1996.06.24	1700	62.	4.3	42.	--	--	--
CC9	1996.06.24	1705	67.	3.8	42.	--	--	--
CC9	1996.06.24	2200	64.	1.6	49.	--	--	--
CC9	1996.06.25	1200	56.	2.6	48.	--	--	--
CC9	1996.06.25	2200	58.	1.3	50.	--	--	--
CC9	1996.06.26	1200	59.	1.1	47.	--	--	--
CC9	1996.06.26	2200	67.	1.4	50.	--	--	--
CC9	1996.06.27	1200	58.	1.8	49.	--	--	--
CC9	1996.06.27	2200	64.	1.3	50.	--	--	--
CC9	1996.06.29	1700	59.	.9	50.	--	--	--
CC9	1996.06.29	2400	56.	.8	49.	--	--	--
CC9	1996.06.30	1700	58.	1.3	50.	--	--	--
CC9	1996.06.30	2400	59.	1.5	49.	--	--	--
CC9	1996.07.01	1550	56.	--	52.	--	--	--
CC9	1996.07.01	1700	58.	.9	50.	--	--	--
CC9	1996.07.01	2400	59.	.4	49.	--	--	--
CC9	1996.07.02	1700	52.	.8	50.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY. MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC9	1996.07.02	2400	53.	.9	49.	--	--	--
CC9	1996.07.03	1700	52.	.6	51.	--	--	--
CC9	1996.07.03	2400	52.	.4	52.	--	--	--
CC9	1996.07.04	1700	64.	.9	52.	--	--	--
CC9	1996.07.04	2400	63.	1.3	52.	--	--	--
CC9	1996.07.05	1700	56.	25.	50.	--	--	--
CC9	1996.07.05	2400	59.	1.5	52.	--	--	--
CC9	1996.07.06	1700	53.	.7	51.	--	--	--
CC9	1996.07.06	2400	53.	.7	50.	--	--	--
CC9	1996.07.07	1700	48.	.8	51.	--	--	--
CC9	1996.07.07	2400	49.	2.2	50.	--	--	--
CC9	1996.07.08	1700	40.	.8	52.	--	--	--
CC9	1996.07.08	1840	43.	.6	55.	--	--	--
CC9	1996.07.08	2400	43.	.6	51.	--	--	--
CC9	1996.07.09	1700	37.	.5	53.	--	--	--
CC9	1996.07.09	2400	42.	.5	53.	--	--	--
CC9	1996.07.10	2200	42.	.5	56.	--	--	--
CC9	1996.07.11	2200	38.	1.2	56.	--	--	--
CC9	1996.07.12	2200	36.	.8	56.	--	--	--
CC9	1996.07.13	2200	35.	1.2	58.	--	--	--
CC9	1996.07.14	2200	33.	.5	58.	--	--	--
CC9	1996.07.15	2200	32.	.8	58.	--	--	--
CC9	1996.07.16	2200	27.	.6	59.	--	--	--
CC9	1996.07.17	1410	25.	--	70.	--	--	--
CC9	1996.07.17	2200	35.	.8	60.	--	--	--
CC9	1996.07.18	2200	35.	.9	62.	--	--	--
CC9	1996.07.19	2200	34.	.5	64.	--	--	--
CC9	1996.07.20	2200	32.	.4	65.	--	--	--
CC9	1996.07.21	2200	30.	.5	65.	--	--	--
CC9	1996.07.22	2200	26.	.5	65.	--	--	--
CC9	1996.07.23	2200	25.	.5	66.	--	--	--
CC9	1996.07.24	2200	25.	1.1	67.	--	--	--
CC9	1996.07.25	2200	24.	.6	67.	--	--	--
CC9	1996.07.26	2200	23.	.8	68.	--	--	--
CC9	1996.07.27	2200	21.	.6	69.	--	--	--
CC9	1996.07.28	2200	20.	.8	70.	--	--	--
CC9	1996.07.29	2200	23.	.6	71.	--	--	--
CC9	1996.07.30	2200	20.	.5	75.	--	--	--
CC9	1996.07.31	1035	19.	--	74.	--	--	--
CC9	1996.07.31	2200	18.	.6	73.	--	--	--
CC9	1996.12.10	1300	2.9	.3	129.	10.2	101.	7.4
CC9	1997.02.21	1015	1.8	.2	134.	9.7	93.	7.4
CC9	1997.02.21	1135	1.8	--	150.	--	--	--
CC9	1997.04.09	1215	1.6	.4	142.	--	--	--
CC9	1997.05.09	0835	7.5	1.6	102.	--	--	--
CC9	1997.05.22	1001	40.	2.1	64.	--	--	--
CC9	1997.05.22	1020	40.	3.9	66.	10.5	107.	--
CC9	1997.05.26	1705	35.	1.5	64.	--	--	--
CC9	1997.05.28	0922	29.	1.4	68.	--	--	--
CC9	1997.05.29	1315	34.	1.5	65.	--	--	--
CC9	1997.06.03	1310	64.	2.6	55.	--	--	--
CC9	1997.06.05	1212	74.	3.0	47.	--	--	--
CC9	1997.06.09	1540	89.	2.9	47.	--	--	--
CC9	1997.06.18	1045	71.	1.1	48.	--	--	--
CC9	1997.06.30	1055	56.	5.0	54.	--	--	--
CC9	1997.07.07	1340	38.	.6	52.	--	--	--
CC9	1997.07.10	1040	35.	2.8	89.	--	--	--
CC9	1997.07.22	1125	28.	1.6	57.	--	--	--
CC9	1997.08.06	1200	29.	--	68.	8.8		7.6
CC9	1997.08.12	1630	24.	--	77.	--	--	--
CC9	1997.09.11	1615	7.5	1.0	90.	--	--	--
CC9	1997.09.18	1440	7.2	--	117.	--	--	--
CC9	1997.09.26	1145	6.8	--	106.	--	--	--
CC11	1995.02.07	1605	1.3	1.0	59.	10.2	102.	7.9
CC11	1995.09.06	1030	7.76	--	56.	8.2	--	--
CC11	1996.02.07	1605	1.3	1.0	59.	10.2	102.	7.9
CC11	1996.06.06	1615	12.	.9	40.	8.2	103.	8.
CC11	1996.07.17	1100	6.9	.8	--	7.4	--	8.2
CC11	1997.05.21	1030	13.	2.5	42.	9.5	100.	7.9
CC11	1997.05.30	1120	--	1.4	41.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY. MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
CC11	1997.06.02	1045	--	2.0	34.	--	--	--
CC11	1997.06.03	1010	24.	2.0	34.	9.2	99.	7.9
CC11	1997.06.21	1005	--	.8	38.	--	--	--
CC11	1997.06.24	1000	--	1.3	42.	8.9	100.	7.9
CC11	1997.08.04	1200	9.	1.2	54.	8.3	--	7.9
CC11	1997.09.11	1400	4.9	1.4	58.	8.3	101.	7.9
GC1	1995.06.26	1220	6.3	2.0	31.	8.5	98.	7.4
GC1	1995.08.29	1100	2.7	--	36.	7.7	112.	--
GC1	1995.09.07	1045	1.2	1.5	37.	7.3	99.	7.6
GC1	1996.06.20	1305	4.9	1.5	28.	7.7	97.	7.9
GC1	1996.07.19	1400	3.1	1.0	30.	6.7	97.	7.8
GC1	1997.06.17	1610	4.8	2.1	29.	8.6	103.	7.5
GC1	1997.08.12	1230	2.6	1.5	35.	8.	110.	7.5
GC1	1997.08.15	1130	--	--	34.	7.3	--	7.5
GC2	1995.06.26	1525	11.	2.0	26.	8.3	--	7.
GC2	1995.08.29	1500	1.2	--	48.	8.	--	--
GC2	1995.09.07	1330	0.44	2.7	55.	7.4	94.	7.7
GC2	1995.10.06	1445	--	--	52.	--	--	--
GC2	1996.04.02	1510	--	.8	68.	9.6	101.	7.6
GC2	1996.06.12	1645	--	2.5	30.	9.1	109.	7.8
GC2	1996.07.19	1500	0.87	4.3	50.	6.9	96.	7.8
GC2	1997.06.05	1500	7.7	3.3	23.	8.5	100.	7.3
GC2	1997.06.05	1501	--	3.0	25.	--	--	--
GC2	1997.08.12	1345	1.	5.4	44.	--	--	7.6
GC2	1997.08.12	1400	--	3.0	49.	--	--	--
GC2	1997.08.15	1430	--	--	50.	6.7	--	7.6
GC5	1994.10.18	1100	1.3	--	61.	--	--	7.5
GC5	1994.12.02	1340	0.62	--	61.	8.7	--	7.4
GC5	1994.12.30	1145	0.65	--	58.	9.2	100.	7.7
GC5	1995.03.07	1310	0.63	--	53.	9.3	94.	7.4
GC5	1995.04.13	0800	0.67	--	54.	--	--	--
GC5	1995.04.27	1520	1.3	--	56.	--	--	--
GC5	1995.05.11	1545	1.9	1.9	55.	--	--	7.7
GC5	1995.05.21	1120	3.7	1.0	57.	--	--	--
GC5	1995.05.24	1220	4.5	1.0	58.	--	--	--
GC5	1995.05.28	1800	10.	14.	--	--	--	--
GC5	1995.06.01	1400	5.6	1.0	60.	--	--	--
GC5	1995.06.06	1500	12.	3.0	69.	--	--	--
GC5	1995.06.08	1315	12.	2.0	59.	--	--	--
GC5	1995.06.08	1600	13.	2.7	60.	--	--	--
GC5	1995.06.08	1800	14.	5.1	59.	--	--	--
GC5	1995.06.09	1100	13.	2.1	58.	--	--	--
GC5	1995.06.09	1600	14.	1.5	58.	--	--	--
GC5	1995.06.09	1800	14.	2.2	58.	--	--	--
GC5	1995.06.10	1100	13.	1.2	59.	--	--	--
GC5	1995.06.10	1600	13.	.9	58.	--	--	--
GC5	1995.06.10	1800	14.	2.1	58.	--	--	--
GC5	1995.06.11	1100	13.	1.5	59.	--	--	--
GC5	1995.06.11	1600	15.	1.7	58.	--	--	--
GC5	1995.06.11	1800	16.	3.7	58.	--	--	--
GC5	1995.06.12	1100	15.	2.5	57.	--	--	--
GC5	1995.06.12	1600	17.	4.7	57.	--	--	--
GC5	1995.06.12	1800	18.	4.6	57.	--	--	--
GC5	1995.06.13	1100	17.	2.2	54.	--	--	--
GC5	1995.06.13	1600	18.	3.2	54.	--	--	--
GC5	1995.06.13	1800	19.	3.6	55.	--	--	--
GC5	1995.06.14	1100	19.	4.2	53:	--	--	--
GC5	1995.06.14	1510	19.	5.0	54.	8.2	--	7.7
GC5	1995.06.14	1806	24.	8.0	53.	--	--	--
GC5	1995.06.15	1106	27.	3.8	49.	--	--	--
GC5	1995.06.15	1606	29.	3.4	51.	--	--	--
GC5	1995.06.15	1806	30.	1.9	52.	--	--	--
GC5	1995.06.16	1106	28.	2.5	50.	--	--	--
GC5	1995.06.16	1315	29.	4.2	49.	--	--	--
GC5	1995.06.16	1800	38.	4.2	49.	--	--	--
GC5	1995.06.16	1801	38.	23.	49.	--	--	--
GC5	1995.06.16	2400	41.	15.	45.	--	--	--
GC5	1995.06.17	1200	32.	3.8	--	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1995.06.17	1800	42.	8.2	48.	--	--	--
GC5	1995.06.17	2400	50.	14.	44.	--	--	--
GC5	1995.06.18	1200	40.	5.5	45.	--	--	--
GC5	1995.06.18	1800	60.	22.	45.	--	--	--
GC5	1995.06.18	2400	70.	17.	43.	--	--	--
GC5	1995.06.19	1200	64.	24.	42.	--	--	--
GC5	1995.06.19	1225	66.	35.	41.	--	--	--
GC5	1995.06.19	1809	88.	33.	41.	--	--	--
GC5	1995.06.20	0009	92.	27.	39.	--	--	--
GC5	1995.06.20	1209	74.	14.	40.	--	--	--
GC5	1995.06.20	1809	75.	11.	40.	--	--	--
GC5	1995.06.21	0009	75.	17.	39.	--	--	--
GC5	1995.06.21	1209	64.	9.8	39.	--	--	--
GC5	1995.06.29	1300	47.	8.1	38.	--	--	--
GC5	1995.06.29	1600	49.	6.8	39.	--	--	--
GC5	1995.06.29	2000	47.	5.4	40.	--	--	--
GC5	1995.06.30	1300	44.	3.5	40.	--	--	--
GC5	1995.06.30	1600	43.	2.6	40.	--	--	--
GC5	1995.06.30	2000	43.	2.7	41.	--	--	--
GC5	1995.07.01	1300	39.	3.3	41.	--	--	--
GC5	1995.07.01	1600	39.	3.2	41.	--	--	--
GC5	1995.07.01	2000	39.	1.8	41.	--	--	--
GC5	1995.07.02	1300	35.	3.7	41.	--	--	--
GC5	1995.07.02	1600	36.	1.2	41.	--	--	--
GC5	1995.07.02	2000	36.	2.5	41.	--	--	--
GC5	1995.07.03	1300	36.	2.0	41.	--	--	--
GC5	1995.07.03	1600	38.	2.0	41.	--	--	--
GC5	1995.07.03	2000	36.	3.2	42.	--	--	--
GC5	1995.07.04	1300	34.	2.2	41.	--	--	--
GC5	1995.07.04	1600	33.	2.4	42.	--	--	--
GC5	1995.07.04	2000	35.	2.3	42.	--	--	--
GC5	1995.07.05	1300	32.	2.1	42.	--	--	--
GC5	1995.07.05	1600	32.	1.7	42.	--	--	--
GC5	1995.07.05	2000	32.	2.1	42.	--	--	--
GC5	1995.07.06	1300	31.	1.9	42.	--	--	--
GC5	1995.07.06	1450	31.	--	42.	--	--	--
GC5	1995.07.06	1600	31.	--	42.	--	--	--
GC5	1995.07.06	2000	33.	.9	--	--	--	--
GC5	1995.07.06	2400	32.	1.0	--	--	--	--
GC5	1995.07.08	1200	31.	1.3	--	--	--	--
GC5	1995.07.08	1600	32.	.9	--	--	--	--
GC5	1995.07.08	2000	34.	.8	--	--	--	--
GC5	1995.07.08	2400	32.	1.9	--	--	--	--
GC5	1995.07.10	1200	32.	.4	--	--	--	--
GC5	1995.07.10	1600	32.	.3	--	--	--	--
GC5	1995.07.10	2000	33.	.9	--	--	--	--
GC5	1995.07.10	2400	33.	1.3	--	--	--	--
GC5	1995.07.12	1200	32.	1.1	--	--	--	--
GC5	1995.07.12	1600	32.	1.1	--	--	--	--
GC5	1995.07.12	2000	34.	.9	--	--	--	--
GC5	1995.07.12	2400	32.	1.3	--	--	--	--
GC5	1995.07.14	1200	32.	1.8	--	--	--	--
GC5	1995.07.14	1600	35.	1.6	--	--	--	--
GC5	1995.07.14	2000	34.	2.3	--	--	--	--
GC5	1995.07.14	2400	32.	1.3	--	--	--	--
GC5	1995.07.16	1200	29.	1.7	--	--	--	--
GC5	1995.07.16	1600	29.	1.7	--	--	--	--
GC5	1995.07.16	2000	30.	1.0	--	--	--	--
GC5	1995.07.16	2400	30.	.9	--	--	--	--
GC5	1995.07.18	1200	27.	1.7	--	--	--	--
GC5	1995.07.18	1600	27.	.5	--	--	--	--
GC5	1995.07.19	1400	25.	1.0	40.	--	--	--
GC5	1995.07.19	1500	26.	1.2	40.	--	--	--
GC5	1995.07.19	1600	26.	.6	40.	--	--	--
GC5	1995.07.19	1700	27.	.8	40.	--	--	--
GC5	1995.07.19	1800	26.	.4	40.	--	--	--
GC5	1995.07.20	1053	25.	--	40.	--	--	--
GC5	1995.07.20	1403	25.	.8	40.	--	--	--
GC5	1995.07.20	1503	25.	1.0	40.	--	--	--
GC5	1995.07.20	1603	25.	.8	40.	--	--	--
GC5	1995.07.20	1703	26.	1.2	40.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1995.07.20	1803	27.	.9	41.	--	--	--
GC5	1995.07.21	0603	24.	.7	40.	--	--	--
GC5	1995.07.21	1403	23.	1.0	40.	--	--	--
GC5	1995.07.21	1503	24.	.8	40.	--	--	--
GC5	1995.07.21	1603	23.	.8	40.	--	--	--
GC5	1995.07.21	1703	23.	.6	40.	--	--	--
GC5	1995.07.21	1803	23.	1.5	41.	--	--	--
GC5	1995.07.22	0603	23.	.7	40.	--	--	--
GC5	1995.07.22	1403	22.	1.1	40.	--	--	--
GC5	1995.07.22	1503	23.	.8	40.	--	--	--
GC5	1995.07.22	1603	22.	1.2	40.	--	--	--
GC5	1995.07.22	1703	22.	.9	40.	--	--	--
GC5	1995.07.22	1803	23.	1.3	41.	--	--	--
GC5	1995.07.23	0603	22.	1.4	40.	--	--	--
GC5	1995.07.24	1452	21.	1.0	40.	--	--	--
GC5	1995.07.26	1252	19.	1.0	40.	--	--	--
GC5	1995.07.27	1250	19.	1.0	41.	--	--	--
GC5	1995.07.30	1400	17.	.8	42.	--	--	--
GC5	1995.07.30	1500	18.	1.1	42.	--	--	--
GC5	1995.07.30	1600	18.	.9	42.	--	--	--
GC5	1995.07.30	1700	18.	.9	42.	--	--	--
GC5	1995.07.30	1800	18.	1.8	42.	--	--	--
GC5	1995.07.30	1900	19.	1.7	42.	--	--	--
GC5	1995.07.31	1541	17.	1.0	42.	--	--	--
GC5	1995.08.03	1130	16.	1.0	42.	--	--	--
GC5	1995.08.03	1456	16.	--	42.	--	--	--
GC5	1995.08.03	1502	16.	1.1	42.	--	--	--
GC5	1995.08.03	1602	15.	.8	41.	--	--	--
GC5	1995.08.03	1702	16.	1.1	42.	--	--	--
GC5	1995.08.03	1802	16.	.8	42.	--	--	--
GC5	1995.08.03	1902	16.	.9	42.	--	--	--
GC5	1995.08.03	2002	17.	.8	42.	--	--	--
GC5	1995.08.04	1502	15.	1.0	42.	--	--	--
GC5	1995.08.04	1602	15.	.9	42.	--	--	--
GC5	1995.08.04	1702	15.	.9	42.	--	--	--
GC5	1995.08.04	1802	15.	.9	42.	--	--	--
GC5	1995.08.04	1902	15.	.7	42.	--	--	--
GC5	1995.08.04	2002	15.	.9	43.	--	--	--
GC5	1995.08.07	1450	13.	1.0	43.	--	--	--
GC5	1995.08.10	1250	12.	1.0	44.	--	--	--
GC5	1995.08.12	1500	11.	2.5	44.	--	--	--
GC5	1995.08.12	1600	11.	1.1	44.	--	--	--
GC5	1995.08.12	1700	11.	1.4	44.	--	--	--
GC5	1995.08.12	1800	11.	1.0	44.	--	--	--
GC5	1995.08.12	1900	11.	1.4	44.	--	--	--
GC5	1995.08.12	2000	12.	1.3	45.	--	--	--
GC5	1995.08.14	1315	12.	1.0	44.	--	--	--
GC5	1995.08.14	1600	12.	1.8	44.	--	--	--
GC5	1995.08.14	1700	12.	1.5	44.	--	--	--
GC5	1995.08.14	1800	12.	1.1	44.	--	--	--
GC5	1995.08.14	1900	11.	1.4	44.	--	--	--
GC5	1995.08.14	2000	11.	2.1	45.	--	--	--
GC5	1995.08.14	2100	11.	2.5	45.	--	--	--
GC5	1995.08.14	2200	11.	2.6	45.	--	--	--
GC5	1995.08.14	2300	11.	1.7	45.	--	--	--
GC5	1995.08.17	1310	9.9	1.0	45.	--	--	--
GC5	1995.08.18	1400	9.3	1.6	45.	--	--	--
GC5	1995.08.18	1500	9.3	1.0	45.	--	--	--
GC5	1995.08.18	1600	9.3	1.3	45.	--	--	--
GC5	1995.08.18	1700	9.3	1.2	45.	--	--	--
GC5	1995.08.18	1800	9.3	1.2	46.	--	--	--
GC5	1995.08.18	1900	9.3	1.3	45.	--	--	--
GC5	1995.08.20	1200	9.3	1.7	--	--	--	--
GC5	1995.08.20	1600	9.3	.9	--	--	--	--
GC5	1995.08.22	1140	9.6	2.0	46.	--	--	--
GC5	1995.08.24	1615	8.6	1.0	47.	--	--	--
GC5	1995.08.28	1500	18.	--	46.	--	--	--
GC5	1995.08.29	0945	8.3	2.0	47.	--	--	--
GC5	1995.08.31	1250	7.7	--	48.	--	--	--
GC5	1995.09.05	1415	6.3	1.0	46.	--	--	--
GC5	1995.09.05	1904	6.1	1.9	48.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance ($\mu S/cm$ at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1995.09.05	2004	6.1	2.4	48.	--	--	--
GC5	1995.09.05	2104	6.1	1.8	48.	--	--	--
GC5	1995.09.05	2204	6.1	1.3	48.	--	--	--
GC5	1995.09.05	2304	6.1	2.7	48.	--	--	--
GC5	1995.09.06	0004	6.6	2.7	48.	--	--	--
GC5	1995.09.06	0104	6.6	1.7	48.	--	--	--
GC5	1995.09.06	0204	6.6	2.2	48.	--	--	--
GC5	1995.09.07	1230	5.4	1.3	49.	8.3	--	7.7
GC5	1995.09.07	1405	6.1	1.0	47.	--	--	--
GC5	1995.09.09	1600	6.3	2.2	47.	--	--	--
GC5	1995.09.09	1700	6.6	1.8	46.	--	--	--
GC5	1995.09.09	1800	7.1	2.2	47.	--	--	--
GC5	1995.09.09	1900	7.1	1.7	47.	--	--	--
GC5	1995.09.09	2000	6.6	1.9	47.	--	--	--
GC5	1995.09.09	2100	6.3	1.5	47.	--	--	--
GC5	1995.09.11	1156	5.8	1.0	47.	--	--	--
GC5	1995.09.14	1710	4.9	--	50.	--	--	--
GC5	1995.09.20	1700	4.5	2.0	49.	--	--	--
GC5	1995.09.20	1800	4.7	1.6	49.	--	--	--
GC5	1995.09.20	1900	4.9	1.8	49.	--	--	--
GC5	1995.09.20	2000	4.9	1.8	49.	--	--	--
GC5	1995.09.20	2100	5.3	2.1	48.	--	--	--
GC5	1995.09.20	2200	5.6	3.1	48.	--	--	--
GC5	1995.09.20	2300	5.6	2.1	48.	--	--	--
GC5	1995.09.20	2400	5.6	2.6	48.	--	--	--
GC5	1995.09.22	1700	5.1	4.6	48.	--	--	--
GC5	1995.09.22	1800	4.9	1.9	47.	--	--	--
GC5	1995.09.22	1900	4.7	1.8	48.	--	--	--
GC5	1995.09.22	2000	4.7	1.6	48.	--	--	--
GC5	1995.09.22	2100	4.7	1.8	48.	--	--	--
GC5	1995.09.22	2200	4.7	1.3	48.	--	--	--
GC5	1995.09.26	1345	4.1	1.0	48.	--	--	--
GC5	1995.10.10	1144	3.5	--	48.	--	--	--
GC5	1995.11.28	1515	1.7	--	50.	--	--	--
GC5	1995.12.06	1218	1.8	--	47.	--	--	--
GC5	1995.12.06	1400	1.8	1.0	49.	10.2	105.	8.2
GC5	1996.01.24	1400	1.1	1.0	52.	9.1	95.	8.3
GC5	1996.03.13	1100	0.86	.9	52.	9.5	99.	7.9
GC5	1996.03.13	1530	0.86	.3	45.	9.9	98.	8.
GC5	1996.04.23	1000	1.	1.2	52.	10.4	103.	7.7
GC5	1996.05.01	1315	1.8	1.5	54.	8.4	97.	7.9
GC5	1996.05.02	1315	2.1	1.5	54.	8.4	97.	7.9
GC5	1996.05.02	1318	2.1	--	55.	--	--	--
GC5	1996.05.06	2249	4.5	1.3	54.	--	--	--
GC5	1996.05.07	1049	3.5	1.1	56.	--	--	--
GC5	1996.05.07	2249	4.8	1.6	56.	--	--	--
GC5	1996.05.08	1049	3.9	1.4	57.	--	--	--
GC5	1996.05.08	2249	5.3	2.4	57.	--	--	--
GC5	1996.05.09	1049	4.3	1.7	57.	--	--	--
GC5	1996.05.09	2249	5.3	1.1	56.	--	--	--
GC5	1996.05.10	1049	4.7	.9	57.	--	--	--
GC5	1996.05.10	2249	5.5	1.8	57.	--	--	--
GC5	1996.05.11	1049	4.9	1.1	57.	--	--	--
GC5	1996.05.11	2249	6.1	2.2	58.	--	--	--
GC5	1996.05.12	1049	5.4	1.2	58.	--	--	--
GC5	1996.05.12	2249	6.6	5.9	57.	--	--	--
GC5	1996.05.13	1049	6.1	1.3	57.	--	--	--
GC5	1996.05.13	1330	6.1	1.8	60.	8.3	99.	8.
GC5	1996.05.13	2249	7.1	2.2	57.	--	--	--
GC5	1996.05.14	1049	6.6	1.2	57.	--	--	--
GC5	1996.05.14	2249	7.4	1.1	56.	--	--	--
GC5	1996.05.15	1049	6.8	2.1	55.	--	--	--
GC5	1996.05.15	2249	8.6	3.3	55.	--	--	--
GC5	1996.05.16	1049	7.7	.8	55.	--	--	--
GC5	1996.05.16	1307	7.7	2.3	54.	--	--	--
GC5	1996.05.16	1308	7.7	--	56.	--	--	--
GC5	1996.05.16	1700	8.6	3.4	53.	--	--	--
GC5	1996.05.21	1945	15.	2.9	49.	7.9	98.	7.6
GC5	1996.05.21	2100	15.	4.0	50.	--	--	--
GC5	1996.05.23	1815	19.	2.0	48.	7.4	95.	8.1
GC5	1996.05.23	1818	19.	1.7	48.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance ($\mu S/cm$ at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1996.05.23	1830	19.	2.0	49.	--	--	--
GC5	1996.05.29	1800	23.	1.5	46.	--	--	--
GC5	1996.05.30	1200	21.	1.5	47.	--	--	--
GC5	1996.05.30	1555	20.	--	45.	--	--	--
GC5	1996.05.30	1600	20.	--	45.	--	--	--
GC5	1996.05.30	1630	20.	1.4	45.	7.8	96.	7.8
GC5	1996.05.30	1800	20.	.7	46.	--	--	--
GC5	1996.05.31	1200	19.	2.2	47.	--	--	--
GC5	1996.05.31	1800	19.	1.2	46.	--	--	--
GC5	1996.06.01	1200	19.	1.5	47.	--	--	--
GC5	1996.06.01	1800	19.	1.1	46.	--	--	--
GC5	1996.06.02	1200	19.	1.0	47.	--	--	--
GC5	1996.06.02	1800	18.	1.6	47.	--	--	--
GC5	1996.06.03	1200	19.	1.6	48.	--	--	--
GC5	1996.06.03	1745	19.	2.7	53.	8.1	103.	7.5
GC5	1996.06.03	1800	19.	1.6	46.	--	--	--
GC5	1996.06.04	1715	19.	6.4	45.	7.5	96.	7.1
GC5	1996.06.05	1200	20.	1.5	46.	--	--	--
GC5	1996.06.05	2400	22.	1.5	45.	--	--	--
GC5	1996.06.06	1200	20.	.9	45.	--	--	--
GC5	1996.06.06	1850	21.	1.5	46.	--	--	--
GC5	1996.06.06	1915	22.	1.7	44.	7.6	97.	7.9
GC5	1996.06.06	2400	22.	.8	46.	--	--	--
GC5	1996.06.07	1200	22.	.4	44.	--	--	--
GC5	1996.06.07	2400	23.	1.1	46.	--	--	--
GC5	1996.06.08	1200	23.	.9	44.	--	--	--
GC5	1996.06.08	2400	23.	1.2	44.	--	--	--
GC5	1996.06.09	1200	23.	1.1	43.	--	--	--
GC5	1996.06.09	2400	26.	2.0	44.	--	--	--
GC5	1996.06.10	1200	25.	.9	43.	--	--	--
GC5	1996.06.10	1725	25.	.8	43.	--	--	--
GC5	1996.06.10	1745	25.	1.3	42.	8.2	101.	7.5
GC5	1996.06.12	2400	27.	1.0	44.	--	--	--
GC5	1996.06.13	1200	27.	1.1	43.	--	--	--
GC5	1996.06.13	1830	29.	.8	45.	--	--	--
GC5	1996.06.13	1850	29.	2.6	43.	7.9	100.	8.1
GC5	1996.06.13	2400	28.	1.4	43.	--	--	--
GC5	1996.06.14	1200	27.	1.8	43.	--	--	--
GC5	1996.06.14	2400	27.	1.6	44.	--	--	--
GC5	1996.06.15	1200	28.	1.2	43.	--	--	--
GC5	1996.06.15	2400	29.	2.8	43.	--	--	--
GC5	1996.06.16	1200	27.	1.1	43.	--	--	--
GC5	1996.06.16	2400	27.	2.0	43.	--	--	--
GC5	1996.06.17	1200	27.	.8	42.	--	--	--
GC5	1996.06.17	2400	28.	1.7	42.	--	--	--
GC5	1996.06.18	1200	27.	1.7	42.	--	--	--
GC5	1996.06.18	1425	27.	1.6	40.	7.5	97.	7.9
GC5	1996.06.18	1430	27.	1.4	40.	7.5	97.	7.8
GC5	1996.06.18	2400	27.	1.5	43.	--	--	--
GC5	1996.06.19	1600	26.	1.4	42.	--	--	--
GC5	1996.06.19	2200	27.	1.1	43.	--	--	--
GC5	1996.06.20	1600	26.	.7	43.	--	--	--
GC5	1996.06.20	2200	27.	1.4	43.	--	--	--
GC5	1996.06.21	1600	27.	.7	42.	--	--	--
GC5	1996.06.21	2200	27.	1.6	42.	--	--	--
GC5	1996.06.22	1600	27.	1.2	41.	--	--	--
GC5	1996.06.22	2200	27.	2.0	42.	--	--	--
GC5	1996.06.23	1600	25.	1.5	41.	--	--	--
GC5	1996.06.23	2200	26.	1.2	42.	--	--	--
GC5	1996.06.24	1600	25.	1.3	42.	--	--	--
GC5	1996.06.24	2200	25.	1.2	42.	--	--	--
GC5	1996.06.25	1505	25.	1.1	42.	--	--	--
GC5	1996.06.25	1525	24.	1.1	42.	8.1	105.	7.8
GC5	1996.06.25	1600	25.	.7	41.	--	--	--
GC5	1996.06.25	2200	25.	1.2	42.	--	--	--
GC5	1996.06.26	1600	23.	.5	42.	--	--	--
GC5	1996.06.26	2400	25.	1.5	42.	--	--	--
GC5	1996.06.27	1600	23.	.8	42.	--	--	--
GC5	1996.06.27	2400	23.	.6	42.	--	--	--
GC5	1996.06.28	1600	23.	.7	42.	--	--	--
GC5	1996.06.28	2400	23.	1.4	43.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1996.06.29	1600	22.	.6	42.	--	--	--
GC5	1996.06.29	2400	22.	1.0	42.	--	--	--
GC5	1996.06.30	1600	21.	1.1	42.	--	--	--
GC5	1996.06.30	2400	22.	.8	43.	--	--	--
GC5	1996.07.01	1600	20.	1.2	42.	--	--	--
GC5	1996.07.01	2400	21.	1.2	42.	--	--	--
GC5	1996.07.02	1200	20.	1.3	41.	7.5	91.	8.
GC5	1996.07.02	1600	20.	1.1	42.	--	--	--
GC5	1996.07.02	2400	20.	.7	42.	--	--	--
GC5	1996.07.03	1600	20.	1.4	42.	--	--	--
GC5	1996.07.03	2400	20.	.8	42.	--	--	--
GC5	1996.07.04	1600	19.	1.6	42.	--	--	--
GC5	1996.07.04	2400	20.	.7	42.	--	--	--
GC5	1996.07.05	1600	19.	.8	42.	--	--	--
GC5	1996.07.05	2400	19.	.8	42.	--	--	--
GC5	1996.07.06	1600	18.	.6	42.	--	--	--
GC5	1996.07.06	2400	18.	1.1	42.	--	--	--
GC5	1996.07.07	1600	18.	.7	41.	--	--	--
GC5	1996.07.07	2400	18.	1.0	42.	--	--	--
GC5	1996.07.08	1600	17.	.8	42.	--	--	--
GC5	1996.07.08	2400	18.	1.5	43.	--	--	--
GC5	1996.07.09	2015	20.	11.	41.	--	--	7.8
GC5	1996.07.09	2200	19.	5.4	43.	--	--	--
GC5	1996.07.10	1347	17.	1.2	42.	--	--	--
GC5	1996.07.10	1410	17.	1.6	41.	8.	104.	7.8
GC5	1996.07.10	2200	17.	1.3	43.	--	--	--
GC5	1996.07.11	2200	15.	1.0	43.	--	--	--
GC5	1996.07.12	2200	15.	1.2	43.	--	--	--
GC5	1996.07.13	2200	15.	1.2	43.	--	--	--
GC5	1996.07.14	2200	14.	2.0	43.	--	--	--
GC5	1996.07.15	2200	14.	1.0	43.	--	--	--
GC5	1996.07.16	2200	13.	1.8	44.	--	--	--
GC5	1996.07.17	2200	27.	4.6	40.	--	--	--
GC5	1996.07.18	1243	27.	5.5	37.	--	--	--
GC5	1996.07.18	1315	29.	3.6	37.	--	--	--
GC5	1996.07.18	1328	30.	1.9	37.	--	--	7.5
GC5	1996.07.18	1358	31.	8.2	37.	--	--	7.4
GC5	1996.07.18	2200	29.	4.3	40.	--	--	--
GC5	1996.07.19	2200	27.	3.1	40.	--	--	--
GC5	1996.07.20	2200	25.	2.1	40.	--	--	--
GC5	1996.07.21	2200	27.	1.9	39.	--	--	--
GC5	1996.07.22	2200	25.	3.7	39.	--	--	--
GC5	1996.07.23	2200	23.	3.6	39.	--	--	--
GC5	1996.07.24	2200	23.	1.8	39.	--	--	--
GC5	1996.07.25	1245	22.	1.3	38.	--	--	--
GC5	1996.07.25	1330	22.	2.4	--	7.2	--	7.9
GC5	1996.07.25	2200	22.	1.4	39.	--	--	--
GC5	1996.07.26	2200	20.	3.6	39.	--	--	--
GC5	1996.07.27	2200	19.	1.7	39.	--	--	--
GC5	1996.07.26	2200	18.	2.8	39.	--	--	--
GC5	1996.07.29	2200	17.	3.9	40.	--	--	--
GC5	1996.07.30	2200	16.	1.7	40.	--	--	--
GC5	1996.08.01	2400	15.	1.8	40.	--	--	--
GC5	1996.08.02	1220	15.	--	48.	--	--	--
GC5	1996.08.02	2400	20.	3.7	39.	--	--	--
GC5	1996.08.03	2400	14.	2.0	39.	--	--	--
GC5	1996.08.04	2400	9.3	1.5	42.	--	--	--
GC5	1996.08.05	2400	3.4	1.7	48.	--	--	--
GC5	1996.06.06	2400	2.7	1.4	52.	--	--	--
GC5	1996.08.07	2400	2.6	.8	53.	--	--	--
GC5	1996.08.08	2400	2.4	1.34	54.	--	--	--
GC5	1996.08.09	2400	1.9	1.0	54.	--	--	--
GC5	1996.08.10	2400	1.8	.8	54.	--	--	--
GC5	1996.08.11	2400	1.7	.8	55.	--	--	--
GC5	1996.08.12	2400	1.3	1.2	55.	--	--	--
GC5	1996.08.13	2400	1.3	1.1	56.	--	--	--
GC5	1996.08.14	2400	1.3	1.0	56.	--	--	--
GC5	1996.08.15	2400	1.2	1.1	56.	--	--	--
GC5	1996.08.16	2400	1.2	1.0	56.	--	--	--
GC5	1996.08.17	2400	1.3	1.2	56.	--	--	--
GC5	1996.08.18	2400	1.2	.9	57.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1996.08.19	2400	1.2	1.1	57.	--	--	--
GC5	1996.08.20	2400	1.2	1.2	57.	--	--	--
GC5	1996.08.21	2400	2.6	2.3	57.	--	--	--
GC5	1996.08.22	2400	1.5	1.1	57.	--	--	--
GC5	1996.08.23	1330	1.9	3.5	54.	--	--	7.6
GC5	1996.08.23	1343	1.9	4.1	54.	--	--	--
GC5	1996.08.23	1358	1.9	4.4	54.	--	--	--
GC5	1996.08.23	1413	1.9	5.0	54.	--	--	--
GC5	1996.08.23	1428	2.1	4.2	54.	--	--	--
GC5	1996.08.23	1443	2.2	4.9	54.	--	--	7.7
GC5	1996.08.23	1458	2.3	5.0	54.	--	--	--
GC5	1996.08.23	1513	2.3	4.2	55.	--	--	--
GC5	1996.08.23	2400	1.9	1.1	57.	--	--	--
GC5	1996.08.24	2400	1.4	2.8	41.	--	--	--
GC5	1996.08.27	1400	1.2	--	--	--	--	--
GC5	1996.09.06	1200	1.2	2.4	56.	--	--	--
GC5	1996.09.06	1213	1.2	2.3	56.	--	--	--
GC5	1996.09.06	1228	1.2	2.3	56.	--	--	--
GC5	1996.09.06	1243	1.2	2.8	57.	--	--	--
GC5	1996.09.06	1258	1.2	1.8	57.	--	--	--
GC5	1996.09.06	1313	1.2	1.8	57.	--	--	--
GC5	1996.09.06	1328	1.2	1.7	57.	--	--	--
GC5	1996.09.06	1343	1.2	1.9	56.	--	--	--
GC5	1996.09.11	2214	1.6	2.3	56.	--	--	--
GC5	1996.09.11	2227	1.6	2.2	57.	--	--	--
GC5	1996.09.11	2242	1.6	2.0	56.	--	--	--
GC5	1996.09.11	2257	1.6	3.8	57.	--	--	--
GC5	1996.09.11	2312	1.6	2.6	57.	--	--	--
GC5	1996.09.11	2327	1.6	2.3	57.	--	--	--
GC5	1996.09.11	2342	1.6	2.3	57.	--	--	--
GC5	1996.09.11	2357	1.5	2.0	58.	--	--	--
GC5	1996.09.12	1846	1.5	5.2	54.	--	--	--
GC5	1996.09.12	1916	1.6	3.7	55.	--	--	--
GC5	1996.09.12	1946	1.6	1.9	55.	--	--	--
GC5	1996.09.12	2016	1.6	2.2	56.	--	--	--
GC5	1996.09.12	2046	1.5	1.9	56.	--	--	--
GC5	1996.09.12	2116	1.5	1.7	56.	--	--	--
GC5	1996.09.12	2146	1.5	2.2	57.	--	--	--
GC5	1996.09.12	2216	1.6	3.1	57.	--	--	--
GC5	1996.09.12	2246	1.6	2.5	57.	--	--	--
GC5	1996.09.12	2316	1.6	3.1	57.	--	--	--
GC5	1996.09.13	0016	1.5	2.4	57.	--	--	--
GC5	1996.09.13	0616	1.4	1.7	57.	--	--	--
GC5	1996.10.03	1300	1.4	.7	57.	--	--	--
GC5	1996.11.05	1055	1.1	.6	56.	--	--	--
GC5	1996.12.09	1400	1.2	1.3	52.	9.	94.	7.5
GC5	1997.02.19	1610	1.	1.4	52.	9.6	100.	7.9
GC5	1997.04.30	1145	2.1	4.2	61.	--	--	--
GC5	1997.05.06	0600	3.4	2.1	51.	--	--	--
GC5	1997.05.07	1404	3.9	1.4	51.	--	--	--
GC5	1997.05.07	1405	3.9	2.0	52.	8.2	97.	--
GC5	1997.05.07	1425	4.1	1.3	50.	--	--	--
GC5	1997.05.07	1800	5.3	2.9	54.	--	--	--
GC5	1997.05.08	0600	4.1	2.7	55.	--	--	--
GC5	1997.05.08	1800	5.3	2.9	56.	--	--	--
GC5	1997.05.09	0600	4.8	1.9	56.	--	--	--
GC5	1997.05.09	1800	5.6	3.0	56.	--	--	--
GC5	1997.05.10	0600	5.1	2.4	56.	--	--	--
GC5	1997.05.10	1800	5.9	2.1	56.	--	--	--
GC5	1997.05.11	0600	5.6	1.8	56.	--	--	--
GC5	1997.05.11	1800	5.9	2.0	55.	--	--	--
GC5	1997.05.12	0600	5.6	1.7	56.	--	--	--
GC5	1997.05.12	1800	6.2	1.9	57.	--	--	--
GC5	1997.05.13	0600	5.9	2.5	57.	--	--	--
GC5	1997.05.13	1800	6.8	3.3	56.	--	--	--
GC5	1997.05.14	0600	6.8	1.5	56.	--	--	--
GC5	1997.05.14	1800	7.2	1.9	52.	--	--	--
GC5	1997.05.15	0600	7.5	2.0	56.	--	--	--
GC5	1997.05.15	1800	8.6	2.6	55.	--	--	--
GC5	1997.05.16	0600	8.6	2.5	55.	--	--	--
GC5	1997.05.16	1800	9.3	2.5	54.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1997.05.17	0600	9.7	3.6	54.	--	--	--
GC5	1997.05.17	1800	11.	6.2	53.	--	--	--
GC5	1997.05.18	0600	11.	2.7	52.	--	--	--
GC5	1997.05.18	1800	12.	3.4	52.	--	--	--
GC5	1997.05.19	0600	12.	3.2	52.	--	--	--
GC5	1997.05.19	1130	12.	2.8	53.	--	--	--
GC5	1997.05.19	1200	12.	2.7	50.	8.2	100.	7.6
GC5	1997.05.19	1248	12.	2.4	47.	--	--	--
GC5	1997.05.19	1300	12.	2.6	46.	--	--	--
GC5	1997.05.19	1335	12.	5.0	52.	--	--	--
GC5	1997.05.19	1535	12.	2.8	52.	--	--	--
GC5	1997.05.19	1735	13.	4.2	52.	--	--	--
GC5	1997.05.19	1935	14.	4.2	52.	--	--	--
GC5	1997.05.19	2135	14.	3.0	52.	--	--	--
GC5	1997.05.19	2335	14.	4.6	53.	--	--	--
GC5	1997.05.20	0135	14.	5.2	53.	--	--	--
GC5	1997.05.20	0335	14.	4.8	53.	--	--	--
GC5	1997.05.20	0535	13.	5.5	53.	--	--	--
GC5	1997.05.20	0735	13.	2.3	53.	--	--	--
GC5	1997.05.20	0935	14.	2.9	53.	--	--	--
GC5	1997.05.20	1135	14.	2.5	52.	--	--	--
GC5	1997.05.20	1335	13.	3.2	52.	--	--	--
GC5	1997.05.20	1535	14.	2.7	52.	--	--	--
GC5	1997.05.20	1735	14.	3.2	52.	--	--	--
GC5	1997.05.20	1935	14.	2.8	53.	--	--	--
GC5	1997.05.20	2135	15.	3.1	52.	--	--	--
GC5	1997.05.20	2335	15.	3.9	52.	--	--	--
GC5	1997.05.21	0135	15.	6.6	53.	--	--	--
GC5	1997.05.21	0335	15.	3.2	53.	--	--	--
GC5	1997.05.21	0535	15.	6.2	53.	--	--	--
GC5	1997.05.21	0735	14.	3.0	52.	--	--	--
GC5	1997.05.21	0935	14.	2.2	52.	--	--	--
GC5	1997.05.21	2300	17.	5.3	48.	--	--	--
GC5	1997.05.22	1100	17.	1.8	48.	--	--	--
GC5	1997.05.22	2300	18.	3.5	48.	--	--	--
GC5	1997.05.23	1100	17.	2.3	48.	--	--	--
GC5	1997.05.23	2300	20.	3.6	46.	--	--	--
GC5	1997.05.24	1100	18.	3.1	47.	--	--	--
GC5	1997.05.24	2300	19.	3.5	47.	--	--	--
GC5	1997.05.25	1100	19.	2.7	46.	--	--	--
GC5	1997.05.25	2300	20.	2.2	46.	--	--	--
GC5	1997.05.26	1100	20.	1.8	46.	--	--	--
GC5	1997.05.26	2300	20.	2.4	46.	--	--	--
GC5	1997.05.27	1100	20.	1.5	45.	--	--	--
GC5	1997.05.27	2300	20.	2.1	46.	--	--	--
GC5	1997.05.28	1100	20.	1.6	46.	--	--	--
GC5	1997.05.28	1325	20.	2.1	42.	--	--	--
GC5	1997.05.28	1330	20.	1.6	45.	--	--	--
GC5	1997.05.28	1345	15.	1.8	47.	8.7	--	7.8
GC5	1997.05.28	2300	21.	1.6	46.	--	--	--
GC5	1997.05.29	1100	22.	1.8	45.	--	--	--
GC5	1997.05.29	2304	23.	2.8	45.	--	--	--
GC5	1997.05.30	1104	22.	2.1	45.	--	--	--
GC5	1997.05.30	2304	22.	2.3	45.	--	--	--
GC5	1997.05.31	1104	22.	1.5	45.	--	--	--
GC5	1997.05.31	2304	23.	2.3	44.	--	--	--
GC5	1997.06.01	1104	23.	1.9	44.	--	--	--
GC5	1997.06.01	2304	25.	2.9	44.	--	--	--
GC5	1997.06.02	1104	24.	2.1	43.	--	--	--
GC5	1997.06.02	1150	24.	2.6	39.	--	--	--
GC5	1997.06.02	1152	24.	1.8	45.	--	--	--
GC5	1997.06.02	1155	24.	2.5	40.	--	--	--
GC5	1997.06.02	1200	19.	2.9	45.	8.6	--	7.8
GC5	1997.06.03	1000	26.	3.7	39.	--	--	--
GC5	1997.06.03	2200	26.	4.4	39.	--	--	--
GC5	1997.06.04	1000	27.	5.3	39.	--	--	--
GC5	1997.06.04	1335	26.	3.6	38.	--	--	--
GC5	1997.06.04	1340	27.	3.3	43.	--	--	--
GC5	1997.06.04	1345	27.	4.1	38.	--	--	--
GC5	1997.06.04	2155	29.	7.4	40.	--	--	--
GC5	1997.06.05	0955	29.	5.3	40.	--	--	--

Table 45. Selected field parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1997.06.05	2155	30.	5.6	42.	--	--	--
GC5	1997.06.06	0955	30.	3.5	41.	--	--	--
GC5	1997.06.06	2155	34.	9.7	41.	--	--	--
GC5	1997.06.07	0955	32.	4.5	42.	--	--	--
GC5	1997.06.07	2155	33.	15.	41.	--	--	--
GC5	1997.06.08	0955	32.	5.7	41.	--	--	--
GC5	1997.06.08	2155	38.	11.	41.	--	--	--
GC5	1997.06.09	0955	36.	5.2	40.	--	--	--
GC5	1997.06.09	2155	36.	6.2	40.	--	--	--
GC5	1997.06.10	0955	36.	4.4	41.	--	--	--
GC5	1997.06.10	2155	35.	3.9	40.	--	--	--
GC5	1997.06.11	0955	36.	4.1	41.	--	--	--
GC5	1997.06.11	2155	36.	6.9	41.	--	--	--
GC5	1997.06.12	0955	35.	3.7	40.	--	--	--
GC5	1997.06.12	2155	36.	3.5	41.	--	--	--
GC5	1997.06.13	0955	37.	3.7	40.	--	--	--
GC5	1997.06.13	2155	36.	3.7	41.	--	--	--
GC5	1997.06.14	0955	36.	3.0	40.	--	--	--
GC5	1997.06.14	2155	34.	3.0	41.	--	--	--
GC5	1997.06.15	0955	34.	3.7	40.	--	--	--
GC5	1997.06.15	2155	34.	3.7	40.	--	--	--
GC5	1997.06.16	0955	34.	2.4	39.	--	--	--
GC5	1997.06.17	1200	33.	1.4	41.	--	--	--
GC5	1997.06.17	1400	32.	1.6	41.	--	--	--
GC5	1997.06.17	1600	33.	.6	42.	--	--	--
GC5	1997.06.17	1800	32.	2.2	43.	--	--	--
GC5	1997.06.17	2000	33.	2.6	42.	--	--	--
GC5	1997.06.17	2200	33.	2.6	42.	--	--	--
GC5	1997.06.17	2400	33.	2.6	42.	--	--	--
GC5	1997.06.18	0200	33.	2.6	42.	--	--	--
GC5	1997.06.18	0400	32.	2.6	42.	--	--	--
GC5	1997.06.18	0600	32.	3.2	42.	--	--	--
GC5	1997.06.18	0800	32.	3.0	42.	--	--	--
GC5	1997.06.18	1000	32.	2.3	42.	--	--	--
GC5	1997.06.18	1200	32.	3.1	41.	--	--	--
GC5	1997.06.18	1223	32.	2.3	37.	--	--	--
GC5	1997.06.18	1230	32.	3.1	37.	--	--	--
GC5	1997.06.18	1235	32.	3.2	42.	8.4	102.	--
GC5	1997.06.18	1613	32.	3.1	41.	--	--	--
GC5	1997.06.18	1813	32.	2.1	41.	--	--	--
GC5	1997.06.18	2013	33.	2.7	41.	--	--	--
GC5	1997.06.18	2213	32.	2.7	42.	--	--	--
GC5	1997.06.19	0013	32.	2.9	42.	--	--	--
GC5	1997.06.19	0213	32.	3.8	42.	--	--	--
GC5	1997.06.19	0413	32.	2.6	42.	--	--	--
GC5	1997.06.19	0613	32.	2.6	42.	--	--	--
GC5	1997.06.19	0813	32.	2.7	41.	--	--	--
GC5	1997.06.19	1013	32.	2.5	41.	--	--	--
GC5	1997.06.19	1200	32.	2.9	47.	--	--	--
GC5	1997.06.20	1200	32.	2.3	46.	--	--	--
GC5	1997.06.21	1200	32.	3.3	46.	--	--	--
GC5	1997.06.22	1200	32.	3.0	45.	--	--	--
GC5	1997.06.23	1200	32.	3.7	44.	--	--	--
GC5	1997.06.24	1200	31.	2.6	44.	--	--	--
GC5	1997.06.25	1200	30.	2.7	46.	--	--	--
GC5	1997.06.26	1200	28.	1.4	44.	--	--	--
GC5	1997.06.27	1200	28.	1.8	45.	--	--	--
GC5	1997.06.28	1200	26.	1.8	44.	--	--	--
GC5	1997.06.29	1200	25.	1.8	45.	--	--	--
GC5	1997.06.30	1200	24.	2.1	45.	--	--	--
GC5	1997.07.01	1100	23.	7.6	54.	--	--	--
GC5	1997.07.01	1130	23.	1.6	42.	--	--	--
GC5	1997.07.01	1200	23.	1.6	41.	8.5	--	--
GC5	1997.07.02	1200	23.	1.1	42.	--	--	--
GC5	1997.07.03	1200	22.	1.1	43.	--	--	--
GC5	1997.07.04	1200	22.	1.3	43.	--	--	--
GC5	1997.07.05	1200	20.	.7	43.	--	--	--
GC5	1997.07.06	1200	20.	.7	43.	--	--	--
GC5	1997.07.07	1200	19.	1.6	43.	--	--	--
GC5	1997.07.08	1200	19.	.6	43.	--	--	--
GC5	1997.07.09	1200	18.	5.8	43.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC5	1997.07.10	1200	17.	3.0	42.	--	--	--
GC5	1997.07.11	1200	30.	4.2	39.	--	--	--
GC5	1997.07.12	1200	30.	3.0	39.	--	--	--
GC5	1997.07.13	1200	29.	2.7	39.	--	--	--
GC5	1997.07.14	1200	26.	1.5	40.	--	--	--
GC5	1997.07.15	1200	26.	2.0	39.	--	--	--
GC5	1997.07.16	1130	24.	2.0	34.	--	--	--
GC5	1997.07.16	1134	24.	2.2	34.	--	--	--
GC5	1997.07.16	1140	24.	1.7	34.	--	--	--
GC5	1997.07.16	1145	24.	3.1	38.	7.8	100.	--
GC5	1997.07.16	1200	25.	2.5	40.	--	--	--
GC5	1997.07.17	1200	27.	1.2	40.	--	--	--
GC5	1997.07.18	1200	26.	2.4	39.	--	--	--
GC5	1997.07.19	1200	26.	1.8	39.	--	--	--
GC5	1997.07.20	1200	24.	1.3	39.	--	--	--
GC5	1997.07.29	1108	8.5	2.6	42.	--	--	--
GC5	1997.07.29	1112	6.5	2.1	42.	--	--	--
GC5	1997.07.29	1115	6.5	--	--	--	--	--
GC5	1997.07.29	1145	6.5	2.5	44.	8.3	100.	--
GC5	1997.07.29	1405	6.5	1.6	49.	--	--	--
GC5	1997.08.14	1355	4.5	--	50.	7.7	--	7.4
GC5	1997.08.14	1405	4.5	1.1	52.	--	--	--
GC5	1997.08.14	1415	4.5	1.3	53.	--	--	--
GC5	1997.08.14	1515	4.5	--	50.	7.7	--	7.4
GC5	1997.08.20	1400	4.1	2.6	50.	--	--	--
GC5	1997.08.21	1400	4.3	1.5	50.	--	--	--
GC5	1997.08.21	1420	4.3	1.4	49.	8.2	100.	7.5
GC5	1997.08.22	1400	4.3	2.2	51.	--	--	--
GC5	1997.08.23	1400	4.3	3.5	50.	--	--	--
GC5	1997.08.24	1400	4.1	3.1	50.	--	--	--
GC5	1997.08.25	1400	4.3	3.4	--	--	--	--
GC5	1997.08.26	1400	4.3	1.7	50.	--	--	--
GC5	1997.08.27	1400	4.3	3.4	51.	--	--	--
GC5	1997.08.28	1400	4.5	2.7	51.	--	--	--
GC5	1997.08.29	1400	4.3	3.0	51.	--	--	--
GC5	1997.08.30	1400	4.3	2.9	51.	--	--	--
GC5	1997.08.31	1400	4.1	2.6	50.	--	--	--
GC5	1997.09.01	1400	4.1	2.6	50.	--	--	--
GC5	1997.09.02	1400	4.1	2.9	50.	--	--	--
GC5	1997.09.03	1400	4.1	2.3	51.	--	--	--
GC5	1997.09.03	1746	3.8	2.3	50.	--	--	7.8
GC5	1997.09.03	1815	4.1	1.2	51.	--	--	--
GC5	1997.09.03	1845	4.8	4.4	50.	--	--	--
GC5	1997.09.03	1915	5.1	7.7	51.	--	--	--
GC5	1997.09.03	2015	6.5	18.	48.	--	--	7.7
GC5	1997.09.03	2115	8.6	7.6	50.	--	--	--
GC5	1997.09.03	2315	6.8	6.6	51.	--	--	--
GC5	1997.09.04	0115	5.9	100.	51.	--	--	7.6
GC5	1997.09.09	1630	3.6	1.3	49.	8.	--	7.5
GC5	1997.09.29	1540	2.8	1.1	47.	8.2	102.	7.4
GC7	1994.12.02	1410	--	--	248.	--	--	4.
GC7	1994.12.30	1220	--	--	271.	9.4	--	3.9
GC7	1995.03.07	1410	--	--	248.	--	--	4.
GC7	1995.04.08	1510	--	--	164.	--	--	5.
GC7	1995.05.11	1600	--	--	145.	9.6	--	5.
GC7	1995.06.05	1630	57.	63.	78.	7.9	--	6.9
GC7	1995.06.14	1920	153.	90.	64.	10.4	114.	6.8
GC7	1995.07.08	1820	66.	12.	59.	8.3	101.	7.1
GC7	1995.08.28	1300	27.	--	100.	8.1	104.	--
GC7	1995.09.07	1130	20.	3.1	110.	9.6	--	4.9
GC7	1995.10.06	0154	--	--	166.	--	--	--
GC7	1996.03.21	1620	2.8	--	267.	10.4	103.	--
GC7	1996.04.09	1125	7.1	18.	165.	11.3	110.	4.8
GC7	1996.06.04	1630	56.	.9	73.	8.2	102.	7.8
GC7	1996.07.18	1510	39.	7.0	83.	7.7	98.	5.
GC7	1997.05.22	1230	67.	9.1	66.	--	--	--
GC7	1997.08.14	1030	33.	6.0	98.	8.4	97.	5.3
GC8	1995.04.08	1545	--	--	62.	--	--	7.2
GC8	1995.06.05	1400	12.	17.	55.	9.1	107.	7.4

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC8	1995.06.05	1532	--	--	--	--	--	--
GC8	1995.06.14	1800	45.	80.	36.	--	--	7.2
GC8	1995.06.14	1830	45.	80.	36.	--	--	--
GC8	1995.08.25	1200	11.	--	44.	8.1	--	--
GC8	1995.09.06	1430	6.3	1.1	45.	9.3	--	7.5
GC8	1996.03.21	1235	1.9	.3	62.	10.3	103.	7.8
GC8	1996.06.05	1830	--	--	--	--	--	--
GC8	1996.06.05	1845	--	8.	35.	8.6	--	7.8
GC8	1996.07.18	1535	15.	4.9	40.	7.7	96.	--
GC8	1997.05.29	1255	19.	1.7	43.	10.7	--	7.7
GC8	1997.05.30	1520	--	1.8	42.	--	--	--
GC8	1997.06.02	1330	--	2.5	37.	--	--	--
GC8	1997.06.25	1045	--	1.5	32.	8.8	99.	7.9
GC8	1997.08.19	1030	9.5	1.0	45.	8.5	99.	8.
GC8	1997.08.19	1100	--	1.0	48.	--	--	--
GC8	1997.08.19	1330	9.5	--	45.	8.5	--	8.
GC10	1994.12.30	1505	--	--	51.	10.1	--	7.4
GC10	1995.03.07	1450	--	--	54.	--	--	7.3
GC10	1995.06.03	1135	23.	2.0	45.	9.5	--	7.4
GC10	1995.06.14	1615	160.	25.	27.	9.7	110.	7.3
GC10	1995.09.07	1030	18.	2.1	43.	--	--	--
GC10	1995.10.06	1610	--	--	43.	--	--	--
GC10	1996.04.01	1235	5.	2.5	53.	11.	107.	8.1
GC10	1996.05.29	1730	43.	5.0	35.	8.1	97.	7.9
GC10	1996.07.19	1710	20.	1.5	40.	7.4	98.	7.8
GC10	1997.05.21	1410	112.	3.1	33.	9.5	104.	7.7
GC10	1997.05.30	1545	--	1.5	33.	--	--	--
GC10	1997.06.02	1240	--	2.5	26.	--	--	--
GC10	1997.06.25	1300	27.	7.2	36.	8.5	99.	--
GC10	1997.08.05	1130	--	2.1	37.	8.7	106.	7.7
GC11	1994.10.18	0940	18.	--	88.	--	--	7.6
GC11	1994.12.02	1445	14.	--	94.	9.1	--	7.1
GC11	1995.01.06	1245	12.	--	89.	10.3	100.	7.3
GC11	1995.03.07	1540	10.	--	91.	--	--	7.
GC11	1995.03.10	1210	11.	--	91.	--	--	7.4
GC11	1995.04.14	0935	12.	--	91.	--	--	--
GC11	1995.04.27	1240	13.	--	96.	--	--	--
GC11	1995.05.11	1100	20.	4.3	93.	--	--	--
GC11	1995.05.11	1415	20.	--	95.	9.1	--	7.6
GC11	1995.05.21	0945	39.	6.0	75.	--	--	--
GC11	1995.05.24	1020	48.	2.5	78.	--	--	--
GC11	1995.06.01	1035	58.	6.0	77.	--	--	--
GC11	1995.06.06	1155	127.	13.	60.	--	--	--
GC11	1995.06.08	1500	144.	8.0	56.	--	--	--
GC11	1995.06.14	1915	522.	--	42.	9.4	98.	--
GC11	1995.06.14	2000	542.	94.	41.	9.4	98.	7.
GC11	1995.06.19	1530	647.	20.	42.	--	--	--
GC11	1995.07.06	1200	278.	2.3	49.	--	--	--
GC11	1995.07.19	1145	300.	3.4	47.	--	--	--
GC11	1995.07.24	1250	212.	3.2	51.	--	--	--
GC11	1995.07.26	1250	197.	3.0	51.	--	--	--
GC11	1995.07.27	1015	188.	4.0	52.	--	--	--
GC11	1995.07.30	1400	157.	4.0	54.	--	--	--
GC11	1995.07.30	1500	157.	3.8	54.	--	--	--
GC11	1995.07.30	1600	160.	4.0	54.	--	--	--
GC11	1995.07.30	1700	166.	4.9	54.	--	--	--
GC11	1995.07.30	1800	177.	4.8	53.	--	--	--
GC11	1995.07.30	1900	183.	6.6	53.	--	--	--
GC11	1995.07.31	1408	188.	3.0	52.	--	--	--
GC11	1995.08.03	1013	147.	4.0	55.	--	--	--
GC11	1995.08.03	1500	144.	3.9	55.	--	--	--
GC11	1995.08.03	1600	142.	3.8	55.	--	--	--
GC11	1995.08.03	1700	142.	2.6	55.	--	--	--
GC11	1995.08.03	1800	142.	3.3	55.	--	--	--
GC11	1995.08.03	1900	142.	3.0	55.	--	--	--
GC11	1995.08.03	2000	144.	2.0	55.	--	--	--
GC11	1995.08.04	0844	133.	--	55.	--	--	--
GC11	1995.08.04	1504	142.	2.7	55.	--	--	--
GC11	1995.08.04	1604	138.	3.0	55.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1995.08.04	1704	138.	2.7	55.	--	--	--
GC11	1995.08.04	1804	140.	2.4	55.	--	--	--
GC11	1995.08.04	1904	140.	2.5	55.	--	--	--
GC11	1995.08.04	2004	142.	2.7	55.	--	--	--
GC11	1995.08.07	1215	127.	3.0	56.	--	--	--
GC11	1995.08.09	1500	115.	3.5	58.	--	--	--
GC11	1995.08.09	1600	117.	3.7	58.	--	--	--
GC11	1995.08.09	1700	113.	3.4	58.	--	--	--
GC11	1995.08.09	1800	115.	3.2	58.	--	--	--
GC11	1995.08.09	1900	115.	3.3	58.	--	--	--
GC11	1995.08.09	2000	113.	2.9	58.	--	--	--
GC11	1995.08.09	2100	115.	3.1	58.	--	--	--
GC11	1995.08.09	2200	113.	3.3	58.	--	--	--
GC11	1995.08.10	1110	115.	4.0	59.	--	--	--
GC11	1995.08.11	1500	105.	3.1	63.	--	--	--
GC11	1995.08.11	1600	104.	2.8	63.	--	--	--
GC11	1995.08.11	1700	104.	3.6	63.	--	--	--
GC11	1995.08.11	1800	105.	3.1	63.	--	--	--
GC11	1995.08.11	1900	104.	3.1	63.	--	--	--
GC11	1995.08.11	2000	107.	2.8	63.	--	--	--
GC11	1995.08.12	1500	105.	2.9	63.	--	--	--
GC11	1995.08.12	1600	104.	3.0	63.	--	--	--
GC11	1995.08.12	1700	102.	3.6	63.	--	--	--
GC11	1995.08.12	1800	102.	2.9	63.	--	--	--
GC11	1995.08.12	1900	107.	3.2	62.	--	--	--
GC11	1995.08.12	2000	107.	8.1	62.	--	--	--
GC11	1995.08.14	1115	110.	4.0	63.	--	--	--
GC11	1995.08.14	1600	110.	3.3	59.	--	--	--
GC11	1995.08.14	1700	110.	4.0	59.	--	--	--
GC11	1995.08.14	1800	110.	3.3	60.	--	--	--
GC11	1995.08.14	1900	113.	3.4	60.	--	--	--
GC11	1995.08.14	2000	117.	3.6	60.	--	--	--
GC11	1995.08.14	2100	110.	4.4	61.	--	--	--
GC11	1995.08.14	2200	110.	3.1	61.	--	--	--
GC11	1995.08.14	2300	109.	3.2	61.	--	--	--
GC11	1995.08.17	1112	89.	4.0	63.	--	--	--
GC11	1995.08.18	1600	80.	3.8	64.	--	--	--
GC11	1995.08.18	1700	77.	3.3	63.	--	--	--
GC11	1995.08.18	1800	76.	3.9	63.	--	--	--
GC11	1995.08.18	1900	75.	3.6	62.	--	--	--
GC11	1995.08.18	2000	75.	4.0	64.	--	--	--
GC11	1995.08.18	2100	75.	4.2	65.	--	--	--
GC11	1995.08.20	1600	79.	3.6	65.	--	--	--
GC11	1995.08.20	1700	77.	3.8	65.	--	--	--
GC11	1995.08.20	1800	77.	3.5	65.	--	--	--
GC11	1995.08.20	1900	77.	4.1	64.	--	--	--
GC11	1995.08.20	2000	84.	3.5	64.	--	--	--
GC11	1995.08.20	2100	86.	4.4	64.	--	--	--
GC11	1995.08.22	1015	109.	5.0	61.	--	--	--
GC11	1995.08.22	1400	102.	3.6	62.	--	--	--
GC11	1995.08.22	1500	107.	3.6	62.	--	--	--
GC11	1995.08.22	1600	115.	3.8	60.	--	--	--
GC11	1995.08.22	1700	127.	5.9	59.	--	--	--
GC11	1995.08.22	1800	127.	8.7	57.	--	--	--
GC11	1995.08.22	1900	125.	8.3	57.	--	--	--
GC11	1995.08.22	2000	124.	6.4	57.	--	--	--
GC11	1995.08.22	2100	120.	4.8	57.	--	--	--
GC11	1995.08.22	2200	118.	4.3	58.	--	--	--
GC11	1995.08.22	2300	115.	4.2	58.	--	--	--
GC11	1995.08.22	2400	113.	3.8	59.	--	--	--
GC11	1995.08.23	0100	110.	4.1	59.	--	--	--
GC11	1995.08.23	1300	98.	3.7	62.	--	--	--
GC11	1995.08.23	1400	110.	3.8	62.	--	--	--
GC11	1995.08.23	1500	107.	11.	62.	--	--	--
GC11	1995.08.23	1600	105.	9.0	61.	--	--	--
GC11	1995.08.23	1700	109.	8.2	61.	--	--	--
GC11	1995.08.23	1800	118.	7.3	61.	--	--	--
GC11	1995.08.23	1900	93.	5.6	63.	--	--	--
GC11	1995.08.23	2000	92.	6.3	63.	--	--	--
GC11	1995.08.23	2100	93.	7.0	63.	--	--	--
GC11	1995.08.23	2200	95.	5.7	63.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1995.08.23	2300	92.	4.7	63.	--	--	--
GC11	1995.08.23	2400	95.	4.9	62.	--	--	--
GC11	1995.08.24	1400	101.	4.0	62.	--	--	--
GC11	1995.08.25	1500	89.	--	63.	8.6	--	7.3
GC11	1995.08.25	1600	91.	3.4	64.	--	--	--
GC11	1995.08.25	1700	95.	3.5	63.	--	--	--
GC11	1995.08.25	1800	95.	3.0	63.	--	--	--
GC11	1995.08.25	1900	98.	3.4	63.	--	--	--
GC11	1995.08.25	2000	104.	3.2	63.	--	--	--
GC11	1995.08.25	2100	110.	4.1	64.	--	--	--
GC11	1995.08.28	1915	89.	4.0	63.	--	--	--
GC11	1995.08.28	2100	89.	4.2	64.	--	--	--
GC11	1995.08.28	2200	92.	4.0	64.	--	--	--
GC11	1995.08.28	2300	95.	4.9	64.	--	--	--
GC11	1995.08.31	1105	75.	3.0	67.	--	--	--
GC11	1995.09.05	1304	58.	4.0	69.	--	--	--
GC11	1995.09.05	2200	52.	2.8	69.	--	--	--
GC11	1995.09.05	2300	51.	4.3	70.	--	--	--
GC11	1995.09.05	2400	54.	11.	69.	--	--	--
GC11	1995.09.06	0100	56.	4.2	70.	--	--	--
GC11	1995.09.07	1143	58.	3.0	68.	--	--	--
GC11	1995.09.07	1345	65.	3.4	71.	8.	100.	7.6
GC11	1995.09.07	1800	57.	3.0	69.	--	--	--
GC11	1995.09.07	1900	61.	5.2	69.	--	--	--
GC11	1995.09.07	2000	61.	3.3	69.	--	--	--
GC11	1995.09.07	2100	62.	3.6	69.	--	--	--
GC11	1995.09.07	2200	62.	7.3	69.	--	--	--
GC11	1995.09.07	2300	61.	5.1	69.	--	--	--
GC11	1995.09.08	2000	58.	4.0	70.	--	--	--
GC11	1995.09.08	2100	61.	3.8	70.	--	--	--
GC11	1995.09.08	2200	62.	3.3	70.	--	--	--
GC11	1995.09.08	2300	62.	5.0	70.	--	--	--
GC11	1995.09.09	1800	61.	4.4	69.	--	--	--
GC11	1995.09.09	1900	67.	5.2	67.	--	--	--
GC11	1995.09.09	2000	67.	15.	66.	--	--	--
GC11	1995.09.09	2100	67.	5.7	67.	--	--	--
GC11	1995.09.09	2200	65.	6.0	67.	--	--	--
GC11	1995.09.09	2300	65.	4.8	67.	--	--	--
GC11	1995.09.11	0950	53.	4.0	69.	--	--	--
GC11	1995.09.14	1600	47.	4.0	71.	--	--	--
GC11	1995.09.14	1700	46.	2.9	75.	--	--	--
GC11	1995.09.14	1800	46.	3.7	76.	--	--	--
GC11	1995.09.14	1900	45.	3.7	75.	--	--	--
GC11	1995.09.14	2000	45.	3.7	75.	--	--	--
GC11	1995.09.14	2100	45.	3.3	75.	--	--	--
GC11	1995.09.14	2200	45.	3.4	75.	--	--	--
GC11	1995.09.18	1440	48.	5.0	75.	--	--	--
GC11	1995.09.18	1700	50.	5.2	75.	--	--	--
GC11	1995.09.18	1800	50.	5.9	75.	--	--	--
GC11	1995.09.18	1900	50.	6.0	74.	--	--	--
GC11	1995.09.18	2000	48.	6.2	74.	--	--	--
GC11	1995.09.18	2100	48.	5.7	74.	--	--	--
GC11	1995.09.18	2200	47.	5.1	74.	--	--	--
GC11	1995.09.18	2300	46.	5.0	74.	--	--	--
GC11	1995.09.18	2400	46.	5.1	74.	--	--	--
GC11	1995.09.20	1700	45.	6.3	75.	--	--	--
GC11	1995.09.20	1800	46.	5.3	74.	--	--	--
GC11	1995.09.20	1900	46.	6.6	75.	--	--	--
GC11	1995.09.20	2000	47.	6.8	74.	--	--	--
GC11	1995.09.20	2100	48.	7.5	74.	--	--	--
GC11	1995.09.20	2200	51.	6.0	73.	--	--	--
GC11	1995.09.20	2300	54.	5.7	72.	--	--	--
GC11	1995.09.20	2400	57.	6.0	72.	--	--	--
GC11	1995.09.22	1700	52.	7.7	72.	--	--	--
GC11	1995.09.22	1800	52.	7.2	72.	--	--	--
GC11	1995.09.22	1900	52.	6.1	73.	--	--	--
GC11	1995.09.22	2000	53.	6.4	74.	--	--	--
GC11	1995.09.22	2100	53.	6.4	74.	--	--	--
GC11	1995.09.22	2200	51.	6.0	72.	--	--	--
GC11	1995.09.26	1150	40.	4.0	75.	--	--	--
GC11	1995.10.10	1018	28.	--	76.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1995.10.28	1455	25.	--	88.	--	--	--
GC11	1995.12.06	1015	18.	4.0	89.	10.8	112.	--
GC11	1995.12.06	1050	18.	--	87.	--	--	--
GC11	1996.01.24	1000	12.	3.7	95.	10.9	103.	7.2
GC11	1996.03.13	1220	12.	--	90.	--	--	--
GC11	1996.03.13	1430	12.	5.1	97.	10.8	107.	7.7
GC11	1996.04.22	1215	13.	4.7	93.	10.2	97.	7.7
GC11	1996.04.22	1240	13.	--	91.	--	--	--
GC11	1996.05.02	0940	26.	4.4	78.	9.6	99.	7.7
GC11	1996.05.02	0955	24.	--	87.	--	--	--
GC11	1996.05.07	2141	80.	21.	71.	--	--	--
GC11	1996.05.08	0941	57.	3.0	69.	--	--	--
GC11	1996.05.08	2141	99.	30.	66.	--	--	--
GC11	1996.05.09	0941	73.	7.7	66.	--	--	--
GC11	1996.05.09	2141	105.	16.	63.	--	--	--
GC11	1996.05.10	0941	85.	6.5	64.	--	--	--
GC11	1996.05.10	2141	111.	13.	61.	--	--	--
GC11	1996.05.11	0941	85.	5.5	60.	--	--	--
GC11	1996.05.11	2141	164.	29.	58.	--	--	--
GC11	1996.05.12	0941	109.	7.2	60.	--	--	--
GC11	1996.05.12	2141	184.	30.	56.	--	--	--
GC11	1996.05.13	0941	123.	5.0	58.	--	--	--
GC11	1996.05.13	2141	182.	11.	53.	--	--	--
GC11	1996.05.14	0941	140.	4.5	56.	--	--	--
GC11	1996.05.14	1030	136.	5.7	54.	8.6	88.	7.9
GC11	1996.05.14	2141	188.	11.	52.	--	--	--
GC11	1996.05.15	0941	143.	5.7	55.	--	--	--
GC11	1996.05.15	2141	226.	22.	52.	--	--	--
GC11	1996.05.16	0941	168.	6.2	53.	--	--	--
GC11	1996.05.16	1200	168.	6.1	53.	--	--	--
GC11	1996.05.16	1700	222.	11.	50.	--	--	--
GC11	1996.05.16	2100	293.	40.	48.	--	--	--
GC11	1996.05.16	2400	284.	21.	47.	--	--	--
GC11	1996.05.17	1200	202.	8.7	51.	--	--	--
GC11	1996.05.17	1700	227.	5.1	50.	--	--	--
GC11	1996.05.17	2100	275.	10.	48.	--	--	--
GC11	1996.05.17	2400	257.	10.	48.	--	--	--
GC11	1996.05.18	1200	200.	4.6	52.	--	--	--
GC11	1996.05.18	1700	246.	10.	50.	--	--	--
GC11	1996.05.16	2100	297.	1.7	47.	--	--	--
GC11	1996.05.18	2400	278.	12.	47.	--	--	--
GC11	1996.05.19	1200	209.	3.8	51.	--	--	--
GC11	1996.05.19	1700	263.	9.4	49.	--	--	--
GC11	1996.05.19	2100	336.	30.	46.	--	--	--
GC11	1996.05.19	2400	313.	21.	46.	--	--	--
GC11	1996.05.20	1200	233.	6.5	50.	--	--	--
GC11	1996.05.20	1700	217.	6.1	51.	--	--	--
GC11	1996.05.20	1857	212.	4.9	51.	--	--	--
GC11	1996.05.20	1914	214.	4.4	51.	--	--	--
GC11	1996.05.20	1950	213.	7.3	52.	8.8	101.	7.8
GC11	1996.05.20	2018	212.	7.0	50.	8.9	100.	7.3
GC11	1996.05.20	2100	214.	5.6	52.	--	--	--
GC11	1996.05.20	2400	202.	5.7	57.	--	--	--
GC11	1996.05.21	1800	207.	4.9	5.	--	--	--
GC11	1996.05.21	2200	230.	5.7	50.	--	--	--
GC11	1996.05.22	1200	190.	3.0	52.	--	--	--
GC11	1996.05.22	1800	222.	4.2	51.	--	--	--
GC11	1996.05.22	2200	266.	7.9	48.	--	--	--
GC11	1996.05.23	1200	217.	4.1	51.	--	--	--
GC11	1996.05.23	1800	222.	3.3	51.	--	--	--
GC11	1996.05.23	1918	233.	3.1	50.	--	--	--
GC11	1996.05.23	2015	233.	5.5	49.	8.3	100.	7.3
GC11	1996.05.23	2030	238.	5.2	50.	--	--	--
GC11	1996.05.23	2200	230.	3.8	49.	--	--	--
GC11	1996.05.24	1200	197.	3.2	52.	--	--	--
GC11	1996.05.24	1800	202.	2.9	51.	--	--	--
GC11	1996.05.24	2200	200.	3.2	51.	--	--	--
GC11	1996.05.25	1200	186.	3.4	53.	--	--	--
GC11	1996.05.25	1800	193.	3.5	53.	--	--	--
GC11	1996.05.25	2200	183.	3.6	53.	--	--	--
GC11	1996.05.26	1200	177.	5.8	54.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1996.05.26	1800	177.	4.3	54.	--	--	--
GC11	1996.05.26	2200	172.	3.5	54.	--	--	--
GC11	1996.05.27	1200	151.	2.8	54.	--	--	--
GC11	1996.05.27	1800	168.	2.9	56.	--	--	--
GC11	1996.05.27	2200	166.	2.6	57.	--	--	--
GC11	1996.05.28	1200	149.	3.3	57.	--	--	--
GC11	1996.05.28	1800	168.	2.7	58.	--	--	--
GC11	1996.05.29	1200	142.	3.0	56.	--	--	--
GC11	1996.05.29	1800	181.	3.2	56.	--	--	--
GC11	1996.05.29	2200	197.	4.7	51.	--	--	--
GC11	1996.05.30	1200	147.	2.6	55.	--	--	--
GC11	1996.05.30	1800	157.	1.5	53.	--	--	--
GC11	1996.05.30	2200	162.	2.8	53.	--	--	--
GC11	1996.05.31	1200	6.	3.6	55.	--	--	--
GC11	1996.05.31	1800	144.	2.7	55.	--	--	--
GC11	1996.05.31	2200	155.	2.5	55.	--	--	--
GC11	1996.06.01	1200	140.	2.5	55.	--	--	--
GC11	1996.06.01	1800	140.	2.8	55.	--	--	--
GC11	1996.06.02	1200	138.	2.9	55.	--	--	--
GC11	1996.06.02	1800	140.	2.9	55.	--	--	--
GC11	1996.06.02	2200	164.	2.5	55.	--	--	--
GC11	1996.06.03	1200	147.	3.1	55.	--	--	--
GC11	1996.06.03	1710	152.	2.0	54.	--	--	--
GC11	1996.06.03	1745	160.	2.7	53.	8.1	103.	7.5
GC11	1996.06.03	1800	162.	2.7	55.	--	--	--
GC11	1996.06.03	2200	193.	3.8	54.	--	--	--
GC11	1996.06.04	1200	168.	2.6	53.	--	--	--
GC11	1996.06.04	1800	174.	3.2	53.	--	--	--
GC11	1996.06.04	2200	200.	3.8	55.	--	--	--
GC11	1996.06.05	1300	183.	4.1	52.	--	--	--
GC11	1996.06.05	1900	230.	15.	49.	--	--	--
GC11	1996.06.05	2400	278.	4.4	51.	--	--	--
GC11	1996.06.06	1300	222.	3.4	51.	--	--	--
GC11	1996.06.06	2100	246.	7.7	52.	8.2	100.	7.7
GC11	1996.06.06	2400	263.	8.2	49.	--	--	--
GC11	1996.06.07	1300	220.	3.0	51.	--	--	--
GC11	1996.06.07	1900	227.	3.8	51.	--	--	--
GC11	1996.06.07	2400	260.	3.4	51.	--	--	--
GC11	1996.06.08	1300	222.	5.2	52.	--	--	--
GC11	1996.06.08	1900	235.	3.4	51.	--	--	--
GC11	1996.06.08	2400	275.	13.	49.	--	--	--
GC11	1996.06.09	1300	235.	4.5	50.	--	--	--
GC11	1996.06.09	1900	255.	7.1	50.	--	--	--
GC11	1996.06.09	2400	297.	11.	49.	--	--	--
GC11	1996.06.10	1300	257.	3.5	49.	--	--	--
GC11	1996.06.10	1900	257.	5.0	49.	--	--	--
GC11	1996.06.10	2005	270.	6.0	53.	--	--	--
GC11	1996.06.10	2010	271.	5.4	50.	--	--	--
GC11	1996.06.10	2020	272.	8.2	48.	9.2	111.	7.6
GC11	1996.06.10	2400	284.	10.	49.	--	--	--
GC11	1996.06.11	1300	243.	4.5	49.	--	--	--
GC11	1996.06.11	1900	255.	5.6	49.	--	--	--
GC11	1996.06.11	2400	281.	--	48.	--	--	--
GC11	1996.06.12	1300	249.	3.2	49.	--	--	--
GC11	1996.06.12	1745	249.	3.0	50.	--	--	--
GC11	1996.06.12	1900	255.	3.4	50.	--	--	--
GC11	1996.06.12	2400	272.	4.6	49.	--	--	--
GC11	1996.06.13	1300	238.	3.3	49.	--	--	--
GC11	1996.06.13	1720	242.	5.6	51.	8.1	101.	7.8
GC11	1996.06.13	1900	255.	4.6	50.	--	--	--
GC11	1996.06.13	2400	284.	5.2	49.	--	--	--
GC11	1996.06.14	1300	249.	3.8	49.	--	--	--
GC11	1996.06.14	1900	238.	3.9	49.	--	--	--
GC11	1996.06.14	2400	230.	3.8	50.	--	--	--
GC11	1996.06.15	1300	233.	4.6	50.	--	--	--
GC11	1996.06.15	1900	329.	13.	49.	--	--	--
GC11	1996.06.15	2400	8.5	6.7	47.	--	--	--
GC11	1996.06.16	1300	5.5	3.6	49.	--	--	--
GC11	1996.06.16	1900	5.5	3.4	49.	--	--	--
GC11	1996.06.16	2400	5.5	3.9	49.	--	--	--
GC11	1996.06.17	1300	4.9	2.6	49.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1996.06.17	1900	5.1	2.1	50.	--	--	--
GC11	1996.06.17	2400	263.	4.0	48.	--	--	--
GC11	1996.06.18	1300	227.	2.4	49.	--	--	--
GC11	1996.06.18	1900	230.	2.5	50.	--	--	--
GC11	1996.06.18	2400	246.	4.0	49.	--	--	--
GC11	1996.06.19	1600	212.	2.8	49.	--	--	--
GC11	1996.06.19	2400	238.	4.0	50.	--	--	--
GC11	1996.06.20	1540	215.	4.3	51.	7.2	92.	7.8
GC11	1996.06.20	1600	243.	4.6	49.	--	--	--
GC11	1996.06.20	2400	217.	3.8	50.	--	--	--
GC11	1996.06.21	1600	230.	3.6	49.	--	--	--
GC11	1996.06.21	2400	269.	5.2	49.	--	--	--
GC11	1996.06.22	1600	270.	4.4	48.	--	--	--
GC11	1996.06.22	2400	281.	5.0	47.	--	--	--
GC11	1996.06.23	1600	225.	4.4	49.	--	--	--
GC11	1996.06.23	2400	238.	3.2	50.	--	--	--
GC11	1996.06.24	1600	207.	3.1	50.	--	--	--
GC11	1996.06.24	2400	225.	3.0	50.	--	--	--
GC11	1996.06.25	1400	202.	3.8	50.	8.1	98.	7.6
GC11	1996.06.25	1425	205.	3.5	50.	--	--	--
GC11	1996.06.25	1600	197.	3.0	51.	--	--	--
GC11	1996.06.25	2400	214.	3.9	51.	--	--	--
GC11	1996.06.26	1600	193.	3.4	51.	--	--	--
GC11	1996.06.26	2400	222.	4.0	51.	--	--	--
GC11	1996.06.27	1600	205.	3.3	50.	--	--	--
GC11	1996.06.27	2400	212.	3.2	51.	--	--	--
GC11	1996.06.29	1700	183.	1.8	52.	--	--	--
GC11	1996.06.29	2400	193.	3.9	51.	--	--	--
GC11	1996.06.30	1700	177.	2.8	52.	--	--	--
GC11	1996.06.30	2400	188.	2.3	52.	--	--	--
GC11	1996.07.01	1700	166.	2.4	53.	--	--	--
GC11	1996.07.01	2400	179.	2.5	53.	--	--	--
GC11	1996.07.02	1300	166.	3.6	52.	--	--	--
GC11	1996.07.02	1325	164.	3.4	53.	7.4	92.	7.8
GC11	1996.07.02	1700	162.	2.6	53.	--	--	--
GC11	1996.07.02	2400	164.	2.8	53.	--	--	--
GC11	1996.07.03	1700	164.	2.4	53.	--	--	--
GC11	1996.07.03	2400	166.	2.5	53.	--	--	--
GC11	1996.07.04	1700	149.	2.6	54.	--	--	--
GC11	1996.07.04	2400	190.	2.6	53.	--	--	--
GC11	1996.07.05	1700	157.	3.3	54.	--	--	--
GC11	1996.07.05	2400	170.	5.0	53.	--	--	--
GC11	1996.07.06	1700	147.	2.2	53.	--	--	--
GC11	1996.07.06	2400	157.	3.1	53.	--	--	--
GC11	1996.07.07	1700	138.	1.7	54.	--	--	--
GC11	1996.07.07	2400	146.	1.5	54.	--	--	--
GC11	1996.07.08	1700	132.	2.6	54.	--	--	--
GC11	1996.07.08	2400	134.	1.6	55.	--	--	--
GC11	1996.07.09	1700	129.	3.1	55.	--	--	--
GC11	1996.07.09	2400	166.	3.1	55.	--	--	--
GC11	1996.07.10	1135	140.	3.2	55.	--	--	--
GC11	1996.07.10	1215	140.	4.8	56.	8.3	98.	7.7
GC11	1996.07.10	2400	129.	4.9	56.	--	--	--
GC11	1996.07.11	2400	120.	2.2	57.	--	--	--
GC11	1996.07.12	2400	113.	3.0	58.	--	--	--
GC11	1996.07.13	2400	105.	2.7	58.	--	--	--
GC11	1996.07.14	2400	99.	3.2	59.	--	--	--
GC11	1996.07.15	2400	99.	3.0	60.	--	--	--
GC11	1996.07.16	2400	95.	3.6	61.	--	--	--
GC11	1996.07.17	2400	104.	4.2	61.	--	--	--
GC11	1996.07.18	1230	110.	3.5	57.	--	--	--
GC11	1996.07.18	1245	112.	27.	57.	--	--	7.4
GC11	1996.07.18	1300	110.	24.	57.	--	--	--
GC11	1996.07.18	1315	107.	20.	58.	--	--	7.4
GC11	1996.07.18	1330	107.	19.	57.	--	--	--
GC11	1996.07.18	1345	107.	7.0	57.	--	--	--
GC11	1996.07.18	1400	105.	4.0	57.	--	--	--
GC11	1996.07.18	2400	127.	4.8	59.	--	--	--
GC11	1996.07.19	2400	105.	5.1	56.	--	--	--
GC11	1996.07.20	2400	95.	4.1	58.	--	--	--
GC11	1996.07.21	2400	91.	3.5	59.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1996.07.22	2400	86.	2.7	59.	--	--	--
GC11	1996.07.23	2400	81.	3.4	60.	--	--	--
GC11	1996.07.24	2400	80.	3.9	61.	--	--	--
GC11	1996.07.25	1450	80.	4.3	62.	7.2	93.	7.7
GC11	1996.07.25	2400	75.	2.2	61.	--	--	--
GC11	1996.07.26	2400	72.	3.8	62.	--	--	--
GC11	1996.07.27	2400	70.	2.7	63.	--	--	--
GC11	1996.07.28	2400	72.	2.7	63.	--	--	--
GC11	1996.07.29	2400	76.	3.3	64.	--	--	--
GC11	1996.07.30	2400	60.	3.4	64.	--	--	--
GC11	1996.07.31	2400	56.	2.7	66.	--	--	--
GC11	1996.08.01	1221	54.	2.6	66.	--	--	--
GC11	1996.08.02	1435	56.	--	76.	--	--	--
GC11	1996.08.02	2400	58.	3.0	67.	--	--	--
GC11	1996.08.03	0003	59.	3.2	64.	--	--	--
GC11	1996.08.04	0003	58.	3.3	67.	--	--	--
GC11	1996.08.05	0003	46.	4.1	70.	--	--	--
GC11	1996.08.06	0003	36.	3.0	74.	--	--	--
GC11	1996.08.07	0003	35.	2.8	77.	--	--	--
GC11	1996.08.08	0003	37.	2.9	78.	--	--	--
GC11	1996.08.09	0003	36.	3.0	77.	--	--	--
GC11	1996.08.10	0003	32.	3.1	79.	--	--	--
GC11	1996.08.11	0003	30.	3.8	80.	--	--	--
GC11	1996.08.12	0003	29.	3.7	81.	--	--	--
GC11	1996.08.13	0003	27.	3.2	83.	--	--	--
GC11	1996.08.14	0003	27.	4.4	83.	--	--	--
GC11	1996.08.15	0003	30.	3.7	84.	--	--	--
GC11	1996.08.16	0003	26.	3.2	84.	--	--	--
GC11	1996.08.17	0003	26.	3.7	84.	--	--	--
GC11	1996.08.18	0003	26.	3.8	85.	--	--	--
GC11	1996.08.19	0003	24.	3.4	86.	--	--	--
GC11	1996.08.20	0003	27.	4.0	86.	--	--	--
GC11	1996.08.21	0003	25.	3.5	87.	--	--	--
GC11	1996.08.23	0003	35.	3.7	79.	--	--	--
GC11	1996.08.24	0003	40.	6.4	79.	--	--	--
GC11	1996.08.26	1219	27.	3.4	84.	--	--	--
GC11	1996.08.27	1219	26.	3.3	86.	--	--	--
GC11	1996.08.28	1125	30.	--	89.	--	--	--
GC11	1996.08.28	1221	29.	4.3	83.	--	--	--
GC11	1996.08.29	1221	29.	1.8	83.	--	--	--
GC11	1996.08.30	1221	26.	1.3	85.	--	--	--
GC11	1996.08.31	1221	25.	3.2	86.	--	--	--
GC11	1996.09.01	1221	24.	2.6	88.	--	--	--
GC11	1996.09.01	2200	151.	2.7	55.	--	--	--
GC11	1996.09.02	1221	23.	3.5	88.	--	--	--
GC11	1996.09.03	1221	23.	3.0	88.	--	--	--
GC11	1996.09.04	1221	22.	3.2	89.	--	--	--
GC11	1996.09.05	1221	22.	2.8	90.	--	--	--
GC11	1996.09.06	1221	25.	.2	89.	--	--	--
GC11	1996.09.07	1221	29.	4.3	83.	--	--	--
GC11	1996.09.08	1221	24.	3.6	87.	--	--	--
GC11	1996.09.09	1221	23.	3.5	88.	--	--	--
GC11	1996.09.10	1221	23.	3.0	88.	--	--	--
GC11	1996.09.11	1221	22.	2.5	89.	--	--	--
GC11	1996.09.12	1221	25.	4.4	90.	--	--	--
GC11	1996.09.12	1716	23.	4.8	87.	--	--	7.2
GC11	1996.09.12	1729	23.	3.8	88.	--	--	--
GC11	1996.09.12	1744	24.	4.3	88.	--	--	--
GC11	1996.09.12	1759	25.	32.	87.	--	--	--
GC11	1996.09.12	1814	26.	35.	86.	--	--	--
GC11	1996.09.12	1829	26.	32.	86.	--	--	--
GC11	1996.09.12	1844	26.	83.	86.	--	--	7.3
GC11	1996.09.12	1859	26.	66.	85.	--	--	--
GC11	1996.09.13	1221	29.	4.1	86.	--	--	--
GC11	1996.09.14	1221	26.	3.8	87.	--	--	--
GC11	1996.09.15	1221	29.	3.9	87.	--	--	--
GC11	1996.09.16	1221	25.	3.7	86.	--	--	--
GC11	1996.09.17	1221	24.	3.3	87.	--	--	--
GC11	1996.09.18	1221	25.	3.3	87.	--	--	--
GC11	1996.10.03	1443	27.	.2	87.	--	--	--
GC11	1996.11.05	1330	22.	5.0	86.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1996.12.17	1200	17.	5.6	92.	10.6	99.	7.2
GC11	1997.02.19	1345	12.	6.7	93.	10.8	102.	7.5
GC11	1997.04.30	1125	24.	4.1	91.	--	--	--
GC11	1997.05.06	1720	37.	7.5	42.	--	--	--
GC11	1997.05.07	0500	49.	6.1	69.	--	--	--
GC11	1997.05.07	1700	48.	4.6	72.	--	--	--
GC11	1997.05.08	0500	54.	7.1	67.	--	--	--
GC11	1997.05.08	1700	54.	4.5	69.	--	--	--
GC11	1997.05.09	0500	62.	5.8	66.	--	--	--
GC11	1997.05.09	1700	62.	4.9	67.	--	--	--
GC11	1997.05.10	0500	72.	8.2	63.	--	--	--
GC11	1997.05.10	1704	76.	4.2	62.	--	--	--
GC11	1997.05.11	0504	96.	8.4	57.	--	--	--
GC11	1997.05.11	1704	90.	4.6	58.	--	--	--
GC11	1997.05.12	0504	91.	3.3	57.	--	--	--
GC11	1997.05.12	1704	82.	3.9	59.	--	--	--
GC11	1997.05.13	0504	86.	4.7	58.	--	--	--
GC11	1997.05.13	1350	79.	4.3	56.	--	--	--
GC11	1997.05.13	1420	79.	4.7	58.	8.8	102.	7.5
GC11	1997.05.13	1434	79.	3.0	61.	--	--	--
GC11	1997.05.13	1440	80.	4.0	56.	--	--	--
GC11	1997.05.13	1710	87.	4.1	59.	--	--	--
GC11	1997.05.14	0510	109.	7.3	51.	--	--	--
GC11	1997.05.14	1710	96.	4.3	56.	--	--	--
GC11	1997.05.15	0510	113.	1.9	54.	--	--	--
GC11	1997.05.15	1710	118.	4.4	54.	--	--	--
GC11	1997.05.16	0510	138.	8.2	51.	--	--	--
GC11	1997.05.16	1710	164.	5.0	50.	--	--	--
GC11	1997.05.17	0510	169.	7.4	48.	--	--	--
GC11	1997.05.17	1710	194.	5.6	47.	--	--	--
GC11	1997.05.18	0510	202.	6.2	44.	--	--	--
GC11	1997.05.18	1710	191.	6.6	48.	--	--	--
GC11	1997.05.19	1000	179.	4.8	47.	--	--	--
GC11	1997.05.19	1115	190.	6.6	51.	9.7	103.	--
GC11	1997.05.19	1133	176.	5.6	46.	--	--	--
GC11	1997.05.19	1140	176.	5.7	47.	--	--	--
GC11	1997.05.19	1144	176.	5.9	46.	--	--	--
GC11	1997.05.19	1203	179.	5.2	48.	--	--	--
GC11	1997.05.19	1403	179.	5.6	48.	--	--	--
GC11	1997.05.19	1603	195.	7.4	47.	--	--	--
GC11	1997.05.19	1803	225.	11.	46.	--	--	--
GC11	1997.05.19	2003	247.	18.	44.	--	--	--
GC11	1997.05.19	2203	250.	22.	43.	--	--	--
GC11	1997.05.20	0003	233.	16.	44.	--	--	--
GC11	1997.05.20	0203	219.	11.	44.	--	--	--
GC11	1997.05.20	0403	212.	9.5	45.	--	--	--
GC11	1997.05.20	0603	202.	8.2	46.	--	--	--
GC11	1997.05.20	0803	195.	5.3	47.	--	--	--
GC11	1997.05.20	1003	188.	6.7	47.	--	--	--
GC11	1997.05.20	1203	188.	5.6	47.	--	--	--
GC11	1997.05.20	1403	183.	6.5	48.	--	--	--
GC11	1997.05.20	1603	183.	7.0	48.	--	--	--
GC11	1997.05.20	1803	190.	6.8	48.	--	--	--
GC11	1997.05.20	2003	195.	8.6	48.	--	--	--
GC11	1997.05.20	2203	195.	6.4	48.	--	--	--
GC11	1997.05.21	0003	197.	6.0	48.	--	--	--
GC11	1997.05.21	0203	192.	5.5	48.	--	--	--
GC11	1997.05.21	0403	190.	5.9	48.	--	--	--
GC11	1997.05.21	0603	179.	5.4	49.	--	--	--
GC11	1997.05.21	0803	174.	5.4	49.	--	--	--
GC11	1997.05.21	2300	217.	11.	48.	--	--	--
GC11	1997.05.22	1100	197.	5.7	50.	--	--	--
GC11	1997.05.22	2300	207.	5.3	50.	--	--	--
GC11	1997.05.23	1100	172.	5.2	52.	--	--	--
GC11	1997.05.23	2300	250.	11.	48.	--	--	--
GC11	1997.05.24	1100	197.	5.8	51.	--	--	--
GC11	1997.05.24	2300	217.	4.9	49.	--	--	--
GC11	1997.05.25	1100	181.	6.2	51.	--	--	--
GC11	1997.05.25	2300	204.	5.0	48.	--	--	--
GC11	1997.05.26	1100	181.	3.4	51.	--	--	--
GC11	1997.05.26	2300	176.	3.8	51.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1997.05.27	1100	158.	4.2	52.	--	--	--
GC11	1997.05.27	2300	162.	3.8	52.	--	--	--
GC11	1997.05.28	1100	154.	3.8	51.	--	--	--
GC11	1997.05.28	1144	154.	3.0	49.	--	--	--
GC11	1997.05.28	1145	154.	3.0	49.	--	--	--
GC11	1997.05.28	1150	151.	3.6	48.	--	--	--
GC11	1997.05.28	1220	151.	3.2	54.	9.9	103.	7.6
GC11	1997.05.28	2304	161.	3.6	52.	--	--	--
GC11	1997.05.29	1104	157.	3.5	52.	--	--	--
GC11	1997.05.29	2304	200.	6.4	49.	--	--	--
GC11	1997.05.30	1104	164.	3.5	51.	--	--	--
GC11	1997.05.30	2304	222.	6.3	47.	--	--	--
GC11	1997.05.31	1104	183.	3.9	50.	--	--	--
GC11	1997.05.31	2304	311.	19.	43.	--	--	--
GC11	1997.06.01	1104	232.	7.2	47.	--	--	--
GC11	1997.06.01	2304	361.	24.	41.	--	--	--
GC11	1997.06.03	2300	380.	19.	43.	--	--	--
GC11	1997.06.04	1029	299.	7.0	43.	--	--	--
GC11	1997.06.04	1030	299.	6.5	45.	--	--	--
GC11	1997.06.04	1035	299.	7.4	41.	--	--	--
GC11	1997.06.04	1104	296.	8.9	49.	--	--	--
GC11	1997.06.04	1115	319.	7.1	47.	9.2	103.	7.6
GC11	1997.06.04	2304	462.	31.	42.	--	--	--
GC11	1997.06.05	1104	345.	9.4	42.	--	--	--
GC11	1997.06.05	1755	357.	8.8	44.	8.7	104.	7.9
GC11	1997.06.05	2304	358.	9.8	43.	--	--	--
GC11	1997.06.06	1104	307.	6.2	45.	--	--	--
GC11	1997.06.06	2304	408.	12.	43.	--	--	--
GC11	1997.06.07	1104	378.	7.0	44.	--	--	--
GC11	1997.06.07	2304	496.	10.	41.	--	--	--
GC11	1997.06.08	1104	366.	4.5	42.	--	--	--
GC11	1997.06.08	2304	532.	9.8	43.	--	--	--
GC11	1997.06.09	1104	364.	5.2	45.	--	--	--
GC11	1997.06.09	2304	364.	5.6	43.	--	--	--
GC11	1997.06.10	1104	329.	3.5	45.	--	--	--
GC11	1997.06.10	2304	350.	4.4	44.	--	--	--
GC11	1997.06.11	1104	334.	4.2	45.	--	--	--
GC11	1997.06.11	2304	342.	3.6	44.	--	--	--
GC11	1997.06.12	1104	315.	2.5	45.	--	--	--
GC11	1997.06.12	2304	332.	3.6	46.	--	--	--
GC11	1997.06.13	1104	364.	3.9	46.	--	--	--
GC11	1997.06.13	2304	339.	3.9	46.	--	--	--
GC11	1997.06.14	1104	345.	4.7	44.	--	--	--
GC11	1997.06.14	2304	380.	5.5	43.	--	--	--
GC11	1997.06.17	1300	302.	2.7	46.	--	--	--
GC11	1997.06.17	1500	306.	2.3	46.	--	--	--
GC11	1997.06.17	1700	309.	3.2	47.	--	--	--
GC11	1997.06.17	1900	327.	2.8	47.	--	--	--
GC11	1997.06.17	2100	341.	4.4	47.	--	--	--
GC11	1997.06.17	2300	352.	5.4	46.	--	--	--
GC11	1997.06.18	0100	356.	4.0	45.	--	--	--
GC11	1997.06.18	0300	341.	3.8	46.	--	--	--
GC11	1997.06.18	0500	360.	4.5	46.	--	--	--
GC11	1997.06.18	0700	330.	3.2	46.	--	--	--
GC11	1997.06.18	0900	323.	3.1	46.	--	--	--
GC11	1997.06.18	1100	323.	3.7	46.	--	--	--
GC11	1997.06.18	1300	313.	3.3	46.	--	--	--
GC11	1997.06.18	1345	316.	3.1	43.	--	--	--
GC11	1997.06.18	1350	311.	3.1	43.	--	--	--
GC11	1997.06.18	1355	311.	3.1	42.	--	--	--
GC11	1997.06.18	1415	313.	--	45.	8.2	100.	7.4
GC11	1997.06.18	1503	317.	3.0	46.	--	--	--
GC11	1997.06.18	1703	324.	2.0	46.	--	--	--
GC11	1997.06.18	1903	354.	4.0	46.	--	--	--
GC11	1997.06.18	2103	382.	4.6	44.	--	--	--
GC11	1997.06.18	2303	386.	6.1	44.	--	--	--
GC11	1997.06.19	0103	392.	4.6	44.	--	--	--
GC11	1997.06.19	0303	388.	5.4	44.	--	--	--
GC11	1997.06.19	0503	376.	4.8	44.	--	--	--
GC11	1997.06.19	0703	368.	3.8	44.	--	--	--
GC11	1997.06.19	0903	343.	4.4	44.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1997.06.19	1103	343.	4.0	44.	--	--	--
GC11	1997.06.19	2300	491.	12.	39.	--	--	--
GC11	1997.06.20	1100	380.	6.0	41.	--	--	--
GC11	1997.06.20	2300	392.	5.2	42.	--	--	--
GC11	1997.06.21	1100	334.	4.2	43.	--	--	--
GC11	1997.06.21	2300	376.	4.1	43.	--	--	--
GC11	1997.06.22	1100	320.	4.0	43.	--	--	--
GC11	1997.06.22	2300	352.	5.1	43.	--	--	--
GC11	1997.06.23	1100	320.	4.1	43.	--	--	--
GC11	1997.06.23	2300	356.	7.8	44.	--	--	--
GC11	1997.06.24	1100	299.	3.5	44.	--	--	--
GC11	1997.06.24	2300	296.	4.6	45.	--	--	--
GC11	1997.06.25	1100	264.	3.5	45.	--	--	--
GC11	1997.06.25	2300	267.	4.9	45.	--	--	--
GC11	1997.06.26	1100	255.	3.9	45.	--	--	--
GC11	1997.06.26	2300	270.	3.9	45.	--	--	--
GC11	1997.06.27	1100	250.	4.0	45.	--	--	--
GC11	1997.06.27	2300	241.	3.6	46.	--	--	--
GC11	1997.06.28	1100	227.	3.7	47.	--	--	--
GC11	1997.06.28	2300	227.	4.3	47.	--	--	--
GC11	1997.06.29	1100	217.	4.2	47.	--	--	--
GC11	1997.06.29	2300	219.	4.4	47.	--	--	--
GC11	1997.06.30	1100	207.	4.3	48.	--	--	--
GC11	1997.06.30	1500	199.	4.1	51.	--	--	--
GC11	1997.07.01	1430	212.	5.3	47.	8.4	104.	7.8
GC11	1997.07.01	1440	197.	4.3	48.	--	--	--
GC11	1997.07.01	1445	197.	2.1	50.	--	--	--
GC11	1997.07.01	1502	197.	2.9	51.	--	--	--
GC11	1997.07.02	1502	183.	3.7	52.	--	--	--
GC11	1997.07.03	1502	170.	4.2	53.	--	--	--
GC11	1997.07.04	1502	168.	1.7	53.	--	--	--
GC11	1997.07.05	1502	162.	4.1	53.	--	--	--
GC11	1997.07.06	1502	150.	5.0	53.	--	--	--
GC11	1997.07.07	1502	139.	5.2	54.	--	--	--
GC11	1997.07.08	1502	152.	5.8	54.	--	--	--
GC11	1997.07.09	1502	140.	6.7	55.	--	--	--
GC11	1997.07.10	1502	135.	4.0	56.	--	--	--
GC11	1997.07.11	1502	144.	5.3	54.	--	--	--
GC11	1997.07.12	1502	139.	5.3	54.	--	--	--
GC11	1997.07.13	1502	128.	5.0	56.	--	--	--
GC11	1997.07.14	1502	125.	3.9	57.	--	--	--
GC11	1997.07.15	1502	121.	5.1	57.	--	--	--
GC11	1997.07.16	1325	122.	3.6	50.	--	--	--
GC11	1997.07.16	1335	122.	5.2	49.	--	--	--
GC11	1997.07.16	1340	122.	3.9	51.	--	--	--
GC11	1997.07.16	1345	123.	1.7	54.	8.2	100.	--
GC11	1997.07.16	1512	120.	4.4	56.	--	--	--
GC11	1997.07.17	1512	118.	6.0	57.	--	--	--
GC11	1997.07.18	1512	117.	4.0	56.	--	--	--
GC11	1997.07.19	1512	118.	4.2	57.	--	--	--
GC11	1997.07.20	1512	115.	4.2	57.	--	--	--
GC11	1997.07.27	1631	105.	15.	60.	--	--	--
GC11	1997.07.27	1701	105.	6.6	59.	--	--	--
GC11	1997.07.27	1731	105.	12.	58.	--	--	--
GC11	1997.07.27	1801	110.	6.7	57.	--	--	--
GC11	1997.07.27	1901	113.	3.4	57.	--	--	--
GC11	1997.07.27	2001	113.	4.5	56.	--	--	--
GC11	1997.07.27	2101	113.	4.5	56.	--	--	--
GC11	1997.07.27	2201	112.	5.4	59.	--	--	7.1
GC11	1997.07.29	1316	97.	12.	60.	--	--	7.2
GC11	1997.07.29	1346	96.	4.7	58.	--	--	--
GC11	1997.07.29	1416	93.	4.3	59.	--	--	--
GC11	1997.07.29	1446	92.	5.0	59.	--	--	--
GC11	1997.07.29	1500	93.	4.5	60.	--	--	--
GC11	1997.07.29	1546	93.	4.6	59.	--	--	--
GC11	1997.07.29	1646	93.	5.2	59.	--	--	--
GC11	1997.07.29	1746	91.	4.4	59.	--	--	--
GC11	1997.07.29	1846	91.	5.1	59.	--	--	--
GC11	1997.07.30	1110	117.	4.6	53.	--	--	--
GC11	1997.07.30	1120	116.	4.3	60.	--	--	--
GC11	1997.07.30	1130	115.	4.9	53.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1997.07.30	1133	115.	5.2	54.	7.9	97.	--
GC11	1997.07.30	1518	106.	5.4	59.	--	--	--
GC11	1997.07.31	1518	97.	4.1	60.	--	--	--
GC11	1997.08.01	1518	97.	3.7	60.	--	--	--
GC11	1997.08.02	1518	97.	3.9	61.	--	--	--
GC11	1997.08.03	1518	86.	2.6	62.	--	--	--
GC11	1997.08.04	1501	106.	20.	58.	--	--	--
GC11	1997.08.04	1518	113.	21.	59.	--	--	--
GC11	1997.08.04	1530	117.	28.	58.	--	--	--
GC11	1997.08.04	1600	113.	32.	58.	--	--	--
GC11	1997.08.04	1630	109.	98.	58.	--	--	--
GC11	1997.08.04	1650	106.	52.	60.	--	--	7.2
GC11	1997.08.04	1730	109.	21.	66.	--	--	7.
GC11	1997.08.04	1830	106.	18.	64.	--	--	--
GC11	1997.08.04	1930	106.	7.2	62.	--	--	--
GC11	1997.08.04	2030	106.	4.3	61.	--	--	--
GC11	1997.08.05	1518	115.	7.1	60.	--	--	--
GC11	1997.08.06	1518	113.	3.2	58.	--	--	--
GC11	1997.08.07	1518	123.	4.1	58.	--	--	--
GC11	1997.08.08	1518	105.	3.8	58.	--	--	--
GC11	1997.08.09	1518	112.	60.	60.	--	--	--
GC11	1997.08.09	1645	121.	62.	59.	--	--	--
GC11	1997.08.09	1715	118.	140.	57.	--	--	7.3
GC11	1997.08.09	1745	123.	41.	59.	--	--	--
GC11	1997.08.09	1845	125.	16.	60.	--	--	--
GC11	1997.08.09	1945	128.	15.	59.	--	--	--
GC11	1997.08.09	2045	135.	16.	58.	--	--	--
GC11	1997.08.09	2245	131.	13.	59.	--	--	--
GC11	1997.08.10	0045	142.	11.	56.	--	--	--
GC11	1997.08.10	1518	172.	9.7	52.	--	--	--
GC11	1997.08.11	1100	128.	5.6	51.	8.7	99.	7.5
GC11	1997.08.11	1125	130.	2.7	56.	--	--	--
GC11	1997.08.11	1130	130.	2.5	55.	--	--	--
GC11	1997.08.11	1518	126.	4.3	54.	--	--	--
GC11	1997.08.12	1518	117.	1.9	56.	--	--	--
GC11	1997.08.13	1030	112.	--	58.	9.1	106.	7.5
GC11	1997.08.13	1518	109.	3.5	58.	--	--	--
GC11	1997.08.14	1518	99.	4.2	59.	--	--	--
GC11	1997.08.15	1518	91.	4.8	61.	--	--	--
GC11	1997.08.16	1518	86.	4.4	62.	--	--	--
GC11	1997.08.17	1518	83.	4.2	63.	--	--	--
GC11	1997.08.17	2045	83.	18.	64.	--	--	--
GC11	1997.08.17	2115	81.	23.	64.	--	--	--
GC11	1997.08.17	2145	80.	7.1	64.	--	--	--
GC11	1997.08.17	2245	81.	4.5	64.	--	--	--
GC11	1997.08.17	2345	85.	4.2	64.	--	--	--
GC11	1997.08.18	0045	87.	3.8	65.	--	--	--
GC11	1997.08.18	0245	87.	8.2	64.	--	--	--
GC11	1997.08.18	0445	87.	5.8	62.	--	--	--
GC11	1997.08.18	0645	91.	4.1	63.	--	--	--
GC11	1997.08.18	0845	90.	3.9	64.	--	--	--
GC11	1997.08.18	1245	87.	4.2	63.	--	--	--
GC11	1997.08.18	1518	85.	3.2	62.	--	--	--
GC11	1997.08.18	1645	83.	4.1	63.	--	--	--
GC11	1997.08.19	1518	75.	3.7	64.	--	--	--
GC11	1997.08.20	1518	70.	4.2	65.	--	--	--
GC11	1997.08.21	1500	69.	2.7	67.	--	--	--
GC11	1997.08.22	1500	65.	3.6	67.	--	--	--
GC11	1997.08.23	1500	62.	4.8	67.	--	--	--
GC11	1997.08.24	1500	60.	3.4	68.	--	--	--
GC11	1997.08.25	1500	62.	2.1	70.	--	--	--
GC11	1997.08.26	1500	62.	2.1	70.	--	--	--
GC11	1997.08.27	1500	61.	3.4	69.	--	--	--
GC11	1997.08.28	0016	66.	8.5	68.	--	--	--
GC11	1997.08.28	0045	69.	15.	70.	--	--	--
GC11	1997.08.28	0115	71.	15.	69.	--	--	--
GC11	1997.08.28	0215	70.	8.7	68.	--	--	--
GC11	1997.08.28	0315	70.	4.4	68.	--	--	--
GC11	1997.08.28	0415	70.	4.1	68.	--	--	--
GC11	1997.08.28	0615	71.	4.2	68.	--	--	--
GC11	1997.08.28	0815	70.	4.1	69.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance ($\mu S/cm$ at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
GC11	1997.08.28	1015	67.	4.3	69.	--	--	--
GC11	1997.08.28	1215	67.	4.2	69.	--	--	--
GC11	1997.08.28	1500	67.	40.	69.	--	--	--
GC11	1997.08.28	1615	66.	19.	69.	--	--	--
GC11	1997.08.28	2015	60.	5.0	69.	--	--	--
GC11	1997.08.29	1500	56.	4.9	71.	--	--	--
GC11	1997.08.30	1500	58.	8.1	70.	--	--	--
GC11	1997.08.31	1500	53.	8.8	71.	--	--	--
GC11	1997.09.01	1500	51.	3.9	72.	--	--	--
GC11	1997.09.02	1500	51.	4.2	72.	--	--	--
GC11	1997.09.03	1500	49.	4.7	73.	--	--	--
GC11	1997.09.04	1500	52.	4.7	72.	--	--	--
GC11	1997.09.05	1500	46.	4.8	73.	--	--	--
GC11	1997.09.06	1500	45.	4.4	73.	--	--	--
GC11	1997.09.07	1500	44.	4.3	73.	--	--	--
GC11	1997.09.08	1500	42.	4.1	74.	--	--	--
GC11	1997.09.09	1500	41.	3.9	74.	--	--	--
GC11	1997.09.09	1525	41.	4.5	73.	8.	98.	7.5
GC11	1997.09.09	1530	41.	4.2	75.	--	--	--
GC11	1997.09.10	1500	41.	5.0	74.	--	--	--
GC11	1997.09.11	1500	40.	3.5	75.	--	--	--
GC11	1997.09.12	1500	39.	4.2	75.	--	--	--
GC11	1997.09.13	1500	38.	4.4	76.	--	--	--
GC11	1997.09.29	1420	30.	4.6	74.	8.6	99.	7.4
DC1	1996.01.26	1030	3.2	--	51.	--	--	--
DC1	1996.03.13	1520	0.86	--	52.	--	--	--
DC1	1996.03.13	1530	0.86	.3	45.	9.9	98.	8.
DC1	1996.04.22	1018	4.	--	--	--	--	--
DC1	1996.05.02	1250	5.2	1.2	48.	9.2	99.	7.8
DC1	1996.05.02	1305	5.2	--	55.	--	--	--
DC1	1996.05.09	1600	13.	.8	46.	--	--	--
DC1	1996.05.10	0900	12.	1.4	45.	--	--	--
DC1	1996.05.10	1600	14.	.8	40.	--	--	--
DC1	1996.05.11	0900	12.	3.8	41.	--	--	--
DC1	1996.05.11	1600	15.	1.0	45.	--	--	--
DC1	1996.05.12	0900	15.	2.3	44.	--	--	--
DC1	1996.05.12	1600	17.	.9	43.	--	--	--
DC1	1996.05.13	0900	16.	4.1	39.	--	--	--
DC1	1996.05.13	1600	19.	1.6	41.	--	--	--
DC1	1996.05.14	0900	17.	3.1	39.	--	--	--
DC1	1996.05.14	1430	16.	1.0	40.	8.8	99.	8.
DC1	1996.05.14	1600	19.	.6	40.	--	--	--
DC1	1996.05.15	0900	19.	2.3	38.	--	--	--
DC1	1996.05.15	1600	22.	.7	39.	--	--	--
DC1	1996.05.16	0900	22.	2.6	37.	--	--	--
DC1	1996.05.16	1200	21.	1.3	39.	--	--	--
DC1	1996.05.16	1700	23.	7.2	37.	--	--	--
DC1	1996.05.16	2000	23.	7.0	34.	--	--	--
DC1	1996.05.16	2400	23.	4.3	33.	--	--	--
DC1	1996.05.17	1200	30.	1.6	35.	--	--	--
DC1	1996.05.17	1700	33.	1.2	34.	--	--	--
DC1	1996.05.17	2000	33.	2.6	34.	--	--	--
DC1	1996.05.17	2400	29.	1.3	35.	--	--	--
DC1	1996.05.18	1200	25.	1.1	37.	--	--	--
DC1	1996.05.18	1700	34.	2.7	34.	--	--	--
DC1	1996.05.18	2000	35.	1.8	33.	--	--	--
DC1	1996.05.18	2400	33.	1.4	32.	--	--	--
DC1	1996.05.19	1200	28.	1.0	34.	--	--	--
DC1	1996.05.19	1700	33.	.7	35.	--	--	--
DC1	1996.05.19	2000	34.	1.6	32.	--	--	--
DC1	1996.05.19	2400	33.	1.3	32.	--	--	--
DC1	1996.05.20	1200	28.	.8	34.	--	--	--
DC1	1996.05.20	1700	27.	.8	35.	--	--	--
DC1	1996.05.20	2000	27.	.7	36.	--	--	--
DC1	1996.05.20	2400	27.	.6	36.	--	--	--
DC1	1996.05.21	1200	24.	1.2	34.	--	--	--
DC1	1996.05.21	1700	29.	1.1	36.	--	--	--
DC1	1996.05.21	2400	28.	.6	36.	--	--	--
DC1	1996.05.22	1630	29.	1.4	36.	8.6	100.	7.9
DC1	1996.05.23	1200	27.	1.2	35.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance ($\mu S/cm$ at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
DC1	1996.05.23	1900	30.	.8	35.	--	--	--
DC1	1996.05.24	0400	27.	.7	35.	--	--	--
DC1	1996.05.24	1200	26.	.5	37.	--	--	--
DC1	1996.05.24	1900	24.	.3	38.	--	--	--
DC1	1996.05.25	0400	27.	.6	38.	--	--	--
DC1	1996.05.25	1200	27.	.4	38.	--	--	--
DC1	1996.05.25	1900	27.	.7	38.	--	--	--
DC1	1996.05.26	0400	26.	.7	39.	--	--	--
DC1	1996.05.26	1200	23.	.7	38.	--	--	--
DC1	1996.05.26	1900	25.	.6	39.	--	--	--
DC1	1996.05.27	0400	22.	.6	39.	--	--	--
DC1	1996.05.27	1200	22.	.7	39.	--	--	--
DC1	1996.05.27	1900	26.	1.0	39.	--	--	--
DC1	1996.05.28	0400	22.	.7	40.	--	--	--
DC1	1996.05.28	1200	21.	.9	39.	--	--	--
DC1	1996.05.28	1900	23.	1.1	39.	--	--	--
DC1	1996.05.29	0400	21.	--	40.	--	--	--
DC1	1996.05.29	1200	19.	.8	40.	--	--	--
DC1	1996.05.29	1445	22.	1.0	39.	10.4	116.	8.
DC1	1996.05.29	1455	24.	--	43.	--	--	--
DC1	1996.05.29	1500	24.	.7	39.	--	--	--
DC1	1996.05.29	1900	27.	1.5	38.	--	--	--
DC1	1996.05.30	0400	24.	.9	39.	--	--	--
DC1	1996.05.30	1200	21.	.6	39.	--	--	--
DC1	1996.05.30	1900	25.	.8	38.	--	--	--
DC1	1996.05.31	0400	21.	.8	39.	--	--	--
DC1	1996.05.31	1200	19.	.7	39.	--	--	--
DC1	1996.05.31	1900	21.	.9	39.	--	--	--
DC1	1996.06.01	0400	19.	.8	39.	--	--	--
DC1	1996.06.01	1200	18.	.6	39.	--	--	--
DC1	1996.06.01	1900	20.	.9	38.	--	--	--
DC1	1996.06.02	0400	19.	.6	39.	--	--	--
DC1	1996.06.02	1200	17.	.9	39.	--	--	--
DC1	1996.06.02	1900	24.	.9	38.	--	--	--
DC1	1996.06.03	0400	20.	.9	38.	--	--	--
DC1	1996.06.03	1200	18.	--	40.	--	--	--
DC1	1996.06.03	1540	20.	.7	37.	9.3	107.	7.7
DC1	1996.06.03	1900	26.	1.3	36.	--	--	--
DC1	1996.06.04	0400	24.	.7	35.	--	--	--
DC1	1996.06.04	1200	21.	.8	37.	--	--	--
DC1	1996.06.04	1900	26.	.9	35.	--	--	--
DC1	1996.06.05	0400	24.	1.0	34.	--	--	--
DC1	1996.06.05	1200	23.	.6	36.	--	--	--
DC1	1996.06.05	1515	25.	1.2	35.	--	--	--
DC1	1996.06.05	1600	26.	2.8	34.	8.5	99.	8.
DC1	1996.06.05	1900	31.	2.7	33.	--	--	--
DC1	1996.06.06	0400	27.	1.0	33.	--	--	--
DC1	1996.06.06	1200	24.	1.1	34.	--	--	--
DC1	1996.06.06	1900	29.	1.8	33.	--	--	--
DC1	1996.06.07	0400	27.	.9	34.	--	--	--
DC1	1996.06.07	1200	25.	.5	35.	--	--	--
DC1	1996.06.07	1900	31.	2.4	34.	--	--	--
DC1	1996.06.08	0400	27.	.8	33.	--	--	--
DC1	1996.06.08	1200	26.	1.0	34.	--	--	--
DC1	1996.06.08	1900	30.	1.6	33.	--	--	--
DC1	1996.06.09	0400	27.	1.0	33.	--	--	--
DC1	1996.06.09	1200	26.	1.1	33.	--	--	--
DC1	1996.06.09	1900	30.	1.4	32.	--	--	--
DC1	1996.06.10	0400	28.	2.3	32.	--	--	--
DC1	1996.06.10	1200	26.	.8	33.	--	--	--
DC1	1996.06.10	1330	27.	--	--	--	--	--
DC1	1996.06.10	1335	27.	.6	32.	--	--	--
DC1	1996.06.10	1515	27.	--	--	--	--	--
DC1	1996.06.10	1520	27.	.5	33.	--	--	--
DC1	1996.06.10	1535	27.	.7	32.	--	--	--
DC1	1996.06.10	1550	27.	.5	33.	--	--	--
DC1	1996.06.10	1900	29.	1.2	32.	--	--	--
DC1	1996.06.11	0400	27.	.7	33.	--	--	--
DC1	1996.06.11	1200	27.	1.2	33.	--	--	--
DC1	1996.06.11	1900	31.	1.0	32.	--	--	--
DC1	1996.06.12	0400	28.	1.1	32.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
DC1	1996.06.12	1100	27.	.3	33.	--	--	--
DC1	1996.06.12	1800	28.	.6	33.	--	--	--
DC1	1996.06.13	0200	29.	.8	33.	--	--	--
DC1	1996.06.13	1100	27.	.4	33.	--	--	--
DC1	1996.06.13	1450	27.	.6	32.	--	--	--
DC1	1996.06.13	1510	28.	.6	33.	9.4	108.	7.8
DC1	1996.06.13	1800	31.	1.9	32.	--	--	--
DC1	1996.06.14	0200	29.	1.2	32.	--	--	--
DC1	1996.06.14	1100	27.	.4	33.	--	--	--
DC1	1996.06.14	1800	27.	.6	33.	--	--	--
DC1	1996.06.15	0200	27.	.6	34.	--	--	--
DC1	1996.06.15	1100	27.	1.0	34.	--	--	--
DC1	1996.06.15	1800	43.	7.3	32.	--	--	--
DC1	1996.06.16	0200	32.	1.6	33.	--	--	--
DC1	1996.06.16	1100	29.	.8	33.	--	--	--
DC1	1996.06.16	1800	31.	1.0	33.	--	--	--
DC1	1996.06.17	0200	30.	.6	32.	--	--	--
DC1	1996.06.17	1100	27.	.6	33.	--	--	--
DC1	1996.06.17	1800	30.	1.0	32.	--	--	--
DC1	1996.06.18	0200	30.	1.3	33.	--	--	--
DC1	1996.06.18	1100	27.	1.1	33.	--	--	--
DC1	1996.06.18	1345	27.	.8	41.	--	--	--
DC1	1996.06.18	1800	29.	.8	32.	--	--	--
DC1	1996.06.19	0200	29.	.4	32.	--	--	--
DC1	1996.06.19	1900	29.	.6	33.	--	--	--
DC1	1996.06.20	1200	27.	.5	32.	--	--	--
DC1	1996.06.20	1600	27.	--	--	--	--	--
DC1	1996.06.20	1735	29.	.4	34.	--	--	--
DC1	1996.06.20	1800	30.	1.3	32.	8.9	105.	7.8
DC1	1996.06.20	1900	30.	.3	32.	--	--	--
DC1	1996.06.21	1200	27.	.6	32.	--	--	--
DC1	1996.06.21	1900	29.	1.2	32.	--	--	--
DC1	1996.06.22	1200	33.	.5	32.	--	--	--
DC1	1996.06.22	1900	33.	1.0	32.	--	--	--
DC1	1996.06.23	1200	28.	.4	33.	--	--	--
DC1	1996.06.23	1900	29.	.6	33.	--	--	--
DC1	1996.06.24	1200	27.	.7	32.	--	--	--
DC1	1996.06.24	1900	29.	.7	33.	--	--	--
DC1	1996.06.25	1115	27.	--	42.	--	--	--
DC1	1996.06.25	1145	27.	.5	32.	8.6	95.	--
DC1	1996.06.25	1200	27.	.4	33.	--	--	--
DC1	1996.06.25	1900	27.	1.0	33.	--	--	--
DC1	1996.06.26	1200	26.	1.9	32.	--	--	--
DC1	1996.06.26	1900	28.	2.9	33.	--	--	--
DC1	1996.06.27	1200	26.	.5	33.	--	--	--
DC1	1996.06.28	1200	25.	.8	34.	--	--	--
DC1	1996.06.28	1900	25.	1.4	34.	--	--	--
DC1	1996.06.29	1200	24.	.6	34.	--	--	--
DC1	1996.06.29	1900	24.	.6	34.	--	--	--
DC1	1996.07.01	1200	24.	1.0	34.	--	--	--
DC1	1996.07.01	1900	24.	.4	34.	--	--	--
DC1	1996.07.02	1200	24.	.6	34.	--	--	--
DC1	1996.07.02	1515	23.	4.4	34.	--	--	--
DC1	1996.07.02	1550	23.	--	--	--	--	--
DC1	1996.07.02	1555	23.	.6	33.	7.6	88.	8.
DC1	1996.07.02	1600	23.	.6	33.	7.6	88.	7.9
DC1	1996.07.02	1900	23.	.4	34.	--	--	--
DC1	1996.07.03	1200	23.	.7	34.	--	--	--
DC1	1996.07.03	1900	23.	.8	34.	--	--	--
DC1	1996.07.04	1200	21.	.4	35.	--	--	--
DC1	1996.07.04	1900	22.	.5	35.	--	--	--
DC1	1996.07.05	1200	21.	.4	35.	--	--	--
DC1	1996.07.05	1900	21.	1.7	35.	--	--	--
DC1	1996.07.06	1200	20.	.5	35.	--	--	--
DC1	1996.07.06	1900	20.	.4	35.	--	--	--
DC1	1996.07.07	1200	19.	.5	35.	--	--	--
DC1	1996.07.07	1900	19.	.4	35.	--	--	--
DC1	1996.07.08	1200	19.	1.5	35.	--	--	--
DC1	1996.07.08	1900	19.	.7	35.	--	--	--
DC1	1996.07.09	1200	18.	.4	35.	--	--	--
DC1	1996.07.09	1900	18.	.6	35.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
DC1	1996.07.09	2200	29.	4.4	36.	--	--	--
DC1	1996.07.10	0935	22.	.4	36.	--	--	--
DC1	1996.07.10	1005	22.	.5	36.	9.6	107.	7.9
DC1	1996.07.10	1200	21.	.5	36.	--	--	--
DC1	1996.07.10	2200	18.	.4	37.	--	--	--
DC1	1996.07.11	2200	16.	.7	37.	--	--	--
DC1	1996.07.12	2200	15.	.7	38.	--	--	--
DC1	1996.07.13	2200	14.	.8	37.	--	--	--
DC1	1996.07.14	2200	14.	.6	38.	--	--	--
DC1	1996.07.15	2200	13.	1.2	37.	--	--	--
DC1	1996.07.16	2200	14.	.7	37.	--	--	--
DC1	1996.07.17	2200	14.	1.0	37.	--	--	--
DC1	1996.07.18	1800	26.	7.4	35.	--	--	7.3
DC1	1996.07.18	1835	31.	9.6	35.	--	--	7.5
DC1	1996.07.18	2200	27.	1.3	37.	--	--	--
DC1	1996.07.19	2200	15.	1.3	37.	--	--	--
DC1	1996.07.20	2200	13.	.7	38.	--	--	--
DC1	1996.07.21	2200	12.	1.2	38.	--	--	--
DC1	1996.07.22	2200	12.	.7	39.	--	--	--
DC1	1996.07.23	2200	14.	.6	38.	--	--	--
DC1	1996.07.24	2200	14.	.6	38.	--	--	--
DC1	1996.07.25	1635	13.	.7	37.	--	--	--
DC1	1996.07.25	1645	13.	--	41.	--	--	--
DC1	1996.07.25	1700	13.	--	37.	8.7	--	7.8
DC1	1996.07.25	2200	14.	.7	38.	--	--	--
DC1	1996.07.26	2200	14.	.5	38.	--	--	--
DC1	1996.07.27	2200	14.	.8	38.	--	--	--
DC1	1996.07.28	2200	13.	.6	39.	--	--	--
DC1	1996.07.29	2200	15.	1.0	39.	--	--	--
DC1	1996.07.30	2200	12.	.5	39.	--	--	--
DC1	1996.07.31	2200	11.	.8	41.	--	--	--
DC1	1996.08.01	1054	12.	--	47.	--	--	--
DC1	1996.08.01	2200	11.	--	41.	--	--	--
DC1	1996.08.02	2200	10.	1.3	41.	--	--	--
DC1	1996.08.03	2200	11.	--	40.	--	--	--
DC1	1996.08.04	2200	9.5	.7	41.	--	--	--
DC1	1996.08.05	2200	9.1	--	41.	--	--	--
DC1	1996.08.06	2200	9.1	.8	41.	--	--	--
DC1	1996.08.07	1420	9.5	2.0	36.	--	--	7.8
DC1	1996.08.07	1428	9.5	1.8	36.	--	--	--
DC1	1996.08.07	1443	9.5	1.2	36.	--	--	--
DC1	1996.08.07	1458	9.5	1.1	36.	--	--	--
DC1	1996.08.07	1513	9.5	1.0	36.	--	--	--
DC1	1996.08.07	1528	9.5	.9	36.	--	--	--
DC1	1996.08.07	1543	9.1	.8	36.	--	--	--
DC1	1996.08.07	1558	9.1	.8	37.	--	--	--
DC1	1996.08.07	2200	9.5	--	41.	--	--	--
DC1	1996.08.08	2200	9.1	.5	41.	--	--	--
DC1	1996.08.09	2200	8.7	--	41.	--	--	--
DC1	1996.08.10	2200	8.	.7	41.	--	--	--
DC1	1996.08.11	2200	8.	--	41.	--	--	--
DC1	1996.08.12	2200	7.6	.5	41.	--	--	--
DC1	1996.08.13	2200	7.6	--	41.	--	--	--
DC1	1996.08.14	2200	8.	.5	41.	--	--	--
DC1	1996.08.15	2200	7.3	--	41.	--	--	--
DC1	1996.08.16	2200	7.3	.8	41.	--	--	--
DC1	1996.08.17	2200	6.9	--	41.	--	--	--
DC1	1996.08.18	2200	6.6	.6	41.	--	--	--
DC1	1996.08.19	2200	7.6	--	41.	--	--	--
DC1	1996.08.20	2200	6.6	.6	42.	--	--	--
DC1	1996.08.21	1620	7.2	1.2	38.	--	--	7.6
DC1	1996.08.21	1628	7.5	2.8	38.	--	--	--
DC1	1996.08.21	1643	7.9	20.	38.	--	--	7.5
DC1	1996.08.21	1658	8.	11.	38.	--	--	--
DC1	1996.08.21	1713	8.6	5.0	38.	--	--	--
DC1	1996.08.21	1728	9.	3.0	38.	--	--	--
DC1	1996.08.21	1743	9.8	3.8	38.	--	--	--
DC1	1996.08.21	1758	11.	3.5	38.	--	--	--
DC1	1996.08.21	2200	12.	5.0	41.	--	--	--
DC1	1996.08.22	2200	12.	2.0	40.	--	--	--
DC1	1996.08.23	1430	8.7	2.9	39.	--	--	7.8

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
DC1	1996.08.23	1438	9.8	9.8	39.	--	--	--
DC1	1996.08.23	1453	11.	51.	43.	--	--	7.6
DC1	1996.08.23	1508	11.	26.	38.	--	--	--
DC1	1996.08.23	1523	11.	6.7	39.	--	--	--
DC1	1996.08.23	1538	11.	6.2	39.	--	--	--
DC1	1996.08.23	1553	11.	4.2	40.	--	--	--
DC1	1996.08.23	1608	12.	3.0	40.	--	--	--
DC1	1996.08.23	2200	9.9	.9	42.	--	--	--
DC1	1996.08.24	2200	7.3	.5	41.	--	--	--
DC1	1996.08.25	2200	6.6	.5	42.	--	--	--
DC1	1996.08.26	2200	6.6	.4	42.	--	--	--
DC1	1996.08.27	2200	8.7	.6	41.	--	--	--
DC1	1996.08.28	1255	8.2	11.	41.	--	--	--
DC1	1996.08.28	1300	8.3	7.1	41.	--	--	--
DC1	1996.08.28	1305	8.3	--	46.	--	--	--
DC1	1996.08.28	1310	7.6	22.	40.	--	--	7.4
DC1	1996.08.28	1315	8.3	6.1	40.	--	--	--
DC1	1996.08.28	2200	10.	.8	42.	--	--	--
DC1	1996.08.29	2200	6.9	.5	43.	--	--	--
DC1	1996.08.30	2200	6.6	.4	42.	--	--	--
DC1	1996.08.31	2200	6.	.4	42.	--	--	--
DC1	1996.09.01	2200	6.	.5	43.	--	--	--
DC1	1996.09.02	2200	5.7	.3	42.	--	--	--
DC1	1996.09.03	2200	5.4	.3	42.	--	--	--
DC1	1996.09.04	2200	5.2	.4	42.	--	--	--
DC1	1996.09.05	2200	5.2	.6	42.	--	--	--
DC1	1996.09.06	2200	8.7	.8	42.	--	--	--
DC1	1996.09.07	2200	6.	.4	42.	--	--	--
DC1	1996.09.08	2200	5.7	.3	42.	--	--	--
DC1	1996.09.09	2200	5.4	.3	42.	--	--	--
DC1	1996.09.10	2200	5.4	.4	42.	--	--	--
DC1	1996.09.11	2200	5.4	.3	42.	--	--	--
DC1	1996.09.12	1232	7.4	6.0	38.	--	--	--
DC1	1996.09.12	1240	7.8	47.	38.	--	--	--
DC1	1996.09.12	1255	8.4	91.	37.	--	--	--
DC1	1996.09.12	1310	8.7	49.	37.	--	--	7.5
DC1	1996.09.12	1325	8.5	12.	37.	--	--	--
DC1	1996.09.12	1340	8.2	7.5	38.	--	--	--
DC1	1996.09.12	1355	7.9	3.6	39.	--	--	--
DC1	1996.09.12	1410	7.4	3.4	40.	--	--	--
DC1	1996.09.12	2200	8.3	.6	43.	--	--	--
DC1	1996.09.13	2200	6.3	.4	43.	--	--	--
DC1	1996.09.14	2031	6.	1.0	42.	--	--	--
DC1	1996.09.14	2039	6.2	3.2	42.	--	--	--
DC1	1996.09.14	2054	6.8	2.5	42.	--	--	--
DC1	1996.09.14	2109	7.1	5.3	42.	--	--	--
DC1	1996.09.14	2124	7.3	1.9	42.	--	--	--
DC1	1996.09.14	2139	7.5	1.7	41.	--	--	--
DC1	1996.09.14	2154	7.9	1.1	41.	--	--	--
DC1	1996.09.14	2200	8.3	1.4	40.	--	--	--
DC1	1996.09.14	2209	8.3	1.7	41.	--	--	--
DC1	1996.09.15	2200	6.6	.4	45.	--	--	--
DC1	1996.09.16	2200	5.7	.5	43.	--	--	--
DC1	1996.09.23	1832	5.7	.6	42.	--	--	--
DC1	1996.09.23	1840	5.8	2.0	42.	--	--	--
DC1	1996.09.23	1855	6.1	2.3	42.	--	--	--
DC1	1996.09.23	1910	6.3	1.3	42.	--	--	--
DC1	1996.09.23	1925	6.3	.9	42.	--	--	--
DC1	1996.09.23	1940	6.3	.8	42.	--	--	--
DC1	1996.09.23	1955	6.3	2.3	42.	--	--	--
DC1	1996.09.23	2010	6.5	1.3	42.	--	--	--
DC1	1996.10.04	1020	5.3	.3	45.	--	--	--
DC1	1996.11.06	1530	4.7	.5	44.	--	--	--
DC1	1996.12.09	1030	4.	.4	42.	--	--	7.7
DC1	1997.02.19	1030	2.8	.9	44.	10.5	--	7.9
DC1	1997.05.01	1225	5.	3.7	56.	--	--	--
DC1	1997.05.07	1400	8.8	4.7	44.	--	--	--
DC1	1997.05.07	1450	9.3	5.5	43.	--	--	--
DC1	1997.05.07	1634	12.	5.1	57.	--	--	--
DC1	1997.05.07	1635	12.	6.3	44.	11.	117.	7.5
DC1	1997.05.08	0451	9.7	2.5	50.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
DC1	1997.05.08	1651	11.	2.2	51.	--	--	--
DC1	1997.05.09	0451	9.8	1.8	51.	--	--	--
DC1	1997.05.09	1651	15.	3.4	49.	--	--	--
DC1	1997.05.10	0451	13.	1.9	48.	--	--	--
DC1	1997.05.10	1651	17.	3.2	46.	--	--	--
DC1	1997.05.11	0451	20.	1.8	43.	--	--	--
DC1	1997.05.11	1651	15.	2.0	46.	--	--	--
DC1	1997.05.12	0451	13.	2.0	48.	--	--	--
DC1	1997.05.12	1651	15.	1.8	46.	--	--	--
DC1	1997.05.13	0451	14.	1.2	46.	--	--	--
DC1	1997.05.13	1651	17.	1.6	45.	--	--	--
DC1	1997.05.14	0451	17.	1.4	44.	--	--	--
DC1	1997.05.14	1651	17.	1.5	44.	--	--	--
DC1	1997.05.15	0451	18.	2.0	43.	--	--	--
DC1	1997.05.15	1651	20.	1.6	44.	--	--	--
DC1	1997.05.16	0451	24.	1.2	39.	--	--	--
DC1	1997.05.16	1651	32.	2.9	39.	--	--	--
DC1	1997.05.17	0451	29.	1.8	36.	--	--	--
DC1	1997.05.17	1651	38.	2.8	37.	--	--	--
DC1	1997.05.18	0451	38.	1.4	33.	--	--	--
DC1	1997.05.18	1651	36.	1.7	36.	--	--	--
DC1	1997.05.19	0451	34.	1.4	35.	--	--	--
DC1	1997.05.19	1400	28.	.9	37.	--	--	--
DC1	1997.05.19	1450	29.	7.2	34.	--	--	--
DC1	1997.05.19	1505	30.	1.3	35.	--	--	--
DC1	1997.05.19	1510	32.	1.1	34.	--	--	--
DC1	1997.05.19	1522	25.	2.1	38.	9.2	--	7.4
DC1	1997.05.19	1607	36.	2.8	37.	--	--	--
DC1	1997.05.19	1607	45.	3.1	35.	--	--	--
DC1	1997.05.19	2007	47.	1.2	33.	--	--	--
DC1	1997.05.19	2207	46.	2.2	31.	--	--	--
DC1	1997.05.20	0007	42.	2.2	32.	--	--	--
DC1	1997.05.20	0207	38.	1.8	--	--	--	--
DC1	1997.05.20	0407	36.	2.0	33.	--	--	--
DC1	1997.05.20	0607	32.	1.2	35.	--	--	--
DC1	1997.05.20	0807	30.	1.5	35.	--	--	--
DC1	1997.05.20	1007	30.	1.5	35.	--	--	--
DC1	1997.05.20	1207	33.	2.1	35.	--	--	--
DC1	1997.05.20	1407	33.	1.8	35.	--	--	--
DC1	1997.05.20	1607	33.	1.5	35.	--	--	--
DC1	1997.05.20	1807	35.	1.8	35.	--	--	--
DC1	1997.05.20	2007	35.	1.1	35.	--	--	--
DC1	1997.05.20	2207	34.	1.3	36.	--	--	--
DC1	1997.05.21	0007	33.	1.4	36.	--	--	--
DC1	1997.05.21	0207	32.	1.0	36.	--	--	--
DC1	1997.05.21	0407	30.	1.2	37.	--	--	--
DC1	1997.05.21	0607	29.	1.2	38.	--	--	--
DC1	1997.05.21	0807	28.	1.2	38.	--	--	--
DC1	1997.05.21	1007	27.	1.4	39.	--	--	--
DC1	1997.05.21	1207	28.	1.6	38.	--	--	--
DC1	1997.05.22	1001	34.	2.0	39.	--	--	--
DC1	1997.05.22	2201	38.	1.4	40.	--	--	--
DC1	1997.05.23	0910	30.	2.1	--	--	--	--
DC1	1997.05.23	0925	22.	2.2	41.	9.9	100.	7.8
DC1	1997.05.23	1001	29.	1.6	40.	--	--	--
DC1	1997.05.23	2201	44.	1.6	38.	--	--	--
DC1	1997.05.24	1001	37.	1.3	39.	--	--	--
DC1	1997.05.24	2201	39.	1.1	39.	--	--	--
DC1	1997.05.25	1001	34.	1.1	40.	--	--	--
DC1	1997.05.25	2201	39.	1.4	39.	--	--	--
DC1	1997.05.26	1001	37.	1.1	40.	--	--	--
DC1	1997.05.26	2201	35.	1.3	40.	--	--	--
DC1	1997.05.27	1001	34.	1.3	40.	--	--	--
DC1	1997.05.27	2201	35.	1.1	41.	--	--	--
DC1	1997.05.28	1001	34.	1.0	40.	--	--	--
DC1	1997.05.28	2201	37.	1.4	39.	--	--	--
DC1	1997.05.29	1040	35.	1.3	40.	--	--	--
DC1	1997.05.29	1055	35.	--	40.	--	--	7.5
DC1	1997.05.29	1057	35.	2.3	35.	--	--	--
DC1	1997.05.29	1105	35.	1.7	35.	--	--	--
DC1	1997.05.29	2303	41.	1.4	39.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
DC1	1997.05.30	1103	37.	1.4	38.	--	--	--
DC1	1997.05.30	2303	47.	1.2	36.	--	--	--
DC1	1997.05.31	1103	39.	1.0	38.	--	--	--
DC1	1997.05.31	2303	76.	3.4	28.	--	--	--
DC1	1997.06.01	1103	47.	1.6	35.	--	--	--
DC1	1997.06.01	2303	89.	4.2	27.	--	--	--
DC1	1997.06.02	1103	52.	1.1	34.	--	--	--
DC1	1997.06.02	2303	83.	3.0	29.	--	--	--
DC1	1997.06.03	1103	52.	1.5	34.	--	--	--
DC1	1997.06.03	1300	54.	1.3	33.	--	--	--
DC1	1997.06.03	1400	32.	1.2	34.	9.3	104.	7.5
DC1	1997.06.03	1410	57.	1.3	32.	--	--	--
DC1	1997.06.03	1415	58.	2.6	34.	--	--	--
DC1	1997.06.03	1420	58.	3.2	32.	--	--	--
DC1	1997.06.05	1500	78.	1.8	31.	--	--	--
DC1	1997.06.05	1949	78.	1.7	30.	--	--	--
DC1	1997.06.05	2000	78.	2.5	30.	9.7	104.	7.5
DC1	1997.06.06	0300	78.	1.9	31.	--	--	--
DC1	1997.06.06	1500	78.	4.8	32.	--	--	--
DC1	1997.06.07	0300	89.	5.2	33.	--	--	--
DC1	1997.06.07	1500	76.	4.0	30.	--	--	--
DC1	1997.06.08	0300	78.	2.3	31.	--	--	--
DC1	1997.06.08	1500	81.	1.6	31.	--	--	--
DC1	1997.06.09	0300	92.	3.2	31.	--	--	--
DC1	1997.06.09	1500	101.	1.8	32.	--	--	--
DC1	1997.06.10	0300	92.	1.9	32.	--	--	--
DC1	1997.06.10	1500	101.	2.6	32.	--	--	--
DC1	1997.06.11	1315	69.	1.9	31.	--	--	--
DC1	1997.06.11	1325	69.	1.3	31.	--	--	--
DC1	1997.06.11	1330	69.	3.0	30.	9.	101.	7.5
DC1	1997.06.11	1335	69.	2.9	31.	--	--	--
DC1	1997.06.12	0352	66.	1.7	32.	--	--	--
DC1	1997.06.12	1552	59.	1.8	32.	--	--	--
DC1	1997.06.13	0352	58.	1.9	33.	--	--	--
DC1	1997.06.13	1552	63.	1.8	32.	--	--	--
DC1	1997.06.14	0352	58.	1.8	33.	--	--	--
DC1	1997.06.14	1552	59.	1.9	31.	--	--	--
DC1	1997.06.15	0352	66.	1.8	33.	--	--	--
DC1	1997.06.15	1552	68.	2.6	32.	--	--	--
DC1	1997.06.16	0352	66.	1.2	33.	--	--	--
DC1	1997.06.16	1552	70.	1.4	33.	--	--	--
DC1	1997.06.17	0352	81.	1.4	33.	--	--	--
DC1	1997.06.19	1425	101.	1.3	31.	--	--	--
DC1	1997.06.20	1400	92.	1.0	31.	--	--	--
DC1	1997.06.20	1600	92.	1.2	31.	--	--	--
DC1	1997.06.20	1800	89.	1.4	30.	--	--	--
DC1	1997.06.20	2000	89.	1.5	30.	--	--	--
DC1	1997.06.20	2200	92.	1.3	30.	--	--	--
DC1	1997.06.20	2400	92.	1.4	30.	--	--	--
DC1	1997.06.21	0200	92.	1.2	31.	--	--	--
DC1	1997.06.21	0400	92.	1.4	31.	--	--	--
DC1	1997.06.21	0600	92.	1.2	31.	--	--	--
DC1	1997.06.21	0800	86.	1.2	31.	--	--	--
DC1	1997.06.21	1000	89.	1.0	31.	--	--	--
DC1	1997.06.21	1200	95.	.9	31.	--	--	--
DC1	1997.06.21	1400	92.	1.0	31.	--	--	--
DC1	1997.06.21	1600	92.	1.0	31.	--	--	--
DC1	1997.06.21	1800	83.	5.1	31.	--	--	--
DC1	1997.06.21	2000	81.	2.0	31.	--	--	--
DC1	1997.06.21	2200	81.	1.6	31.	--	--	--
DC1	1997.06.21	2400	81.	81.	31.	--	--	--
DC1	1997.06.22	0200	81.	1.2	31.	--	--	--
DC1	1997.06.22	0400	81.	.8	32.	--	--	--
DC1	1997.06.22	0600	81.	.8	31.	--	--	--
DC1	1997.06.22	0800	83.	1.1	31.	--	--	--
DC1	1997.06.22	1000	89.	1.0	31.	--	--	--
DC1	1997.06.22	1200	86.	1.3	31.	--	--	--
DC1	1997.06.23	1400	83.	.7	33.	--	--	--
DC1	1997.06.24	0200	81.	.7	33.	--	--	--
DC1	1997.06.24	1400	81.	.6	33.	--	--	--
DC1	1997.06.25	0200	81.	.6	33.	--	--	--

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
DC1	1997.06.25	1400	78.	.7	33.	--	--	--
DC1	1997.06.25	1555	78.	8.3	38.	--	--	--
DC1	1997.06.25	1615	78.	.9	30.	8.9	102.	7.7
DC1	1997.06.26	0203	81.	.7	33.	--	--	--
DC1	1997.06.26	1403	73.	.5	32.	--	--	--
DC1	1997.06.27	0203	81.	.7	33.	--	--	--
DC1	1997.06.27	1403	81.	.7	33.	--	--	--
DC1	1997.06.28	0203	81.	.5	33.	--	--	--
DC1	1997.06.28	1403	76.	.8	33.	--	--	--
DC1	1997.06.29	0203	81.	.6	33.	--	--	--
DC1	1997.06.29	1403	81.	.8	32.	--	--	--
DC1	1997.06.30	0203	81.	.6	34.	--	--	--
DC1	1997.06.30	1403	76.	.8	34.	--	--	--
DC1	1997.06.30	1600	78.	.8	34.	--	--	--
DC1	1997.07.01	1600	81.	.8	33.	--	--	--
DC1	1997.07.02	1600	78.	.6	33.	--	--	--
DC1	1997.07.03	1600	76.	1.7	33.	--	--	--
DC1	1997.07.04	1600	83.	.6	34.	--	--	--
DC1	1997.07.05	1600	81.	.6	33.	--	--	--
DC1	1997.07.06	1600	78.	.8	33.	--	--	--
DC1	1997.07.07	1600	73.	.8	33.	--	--	--
DC1	1997.07.08	1600	64.	.6	34.	--	--	--
DC1	1997.07.09	1600	62.	1.0	34.	--	--	--
DC1	1997.07.10	1405	61.	1.0	31.	--	--	--
DC1	1997.07.10	1410	61.	1.2	32.	--	--	--
DC1	1997.07.10	1415	60.	.8	32.	--	--	--
DC1	1997.07.10	1430	64.	.6	33.	8.8	101.	7.5
DC1	1997.07.10	1609	62.	.4	33.	--	--	--
DC1	1997.07.11	1609	60.	.9	33.	--	--	--
DC1	1997.07.12	1609	58.	.6	33.	--	--	--
DC1	1997.07.13	1609	62.	.8	33.	--	--	--
DC1	1997.07.14	1609	60.	.6	33.	--	--	--
DC1	1997.07.15	1609	62.	.6	34.	--	--	--
DC1	1997.07.16	1609	62.	.7	34.	--	--	--
DC1	1997.07.17	1609	60.	.4	34.	--	--	--
DC1	1997.07.18	1609	60.	.6	35.	--	--	--
DC1	1997.07.19	1609	60.	.5	34.	--	--	--
DC1	1997.07.20	1346	58.	2.5	33.	--	--	--
DC1	1997.07.20	1415	60.	.7	34.	--	--	--
DC1	1997.07.20	1445	58.	.6	33.	--	--	--
DC1	1997.07.20	1515	58.	1.1	34.	--	--	--
DC1	1997.07.20	1545	58.	.5	34.	--	--	--
DC1	1997.07.20	1609	58.	.9	35.	--	--	--
DC1	1997.07.20	1645	58.	.6	34.	--	--	--
DC1	1997.07.20	1745	58.	1.1	34.	--	--	--
DC1	1997.07.20	1845	58.	.7	34.	--	--	--
DC1	1997.07.21	1600	47.	1.6	38.	--	--	--
DC1	1997.07.22	1600	39.	.7	38.	--	--	--
DC1	1997.07.23	1600	33.	1.5	38.	--	--	--
DC1	1997.07.24	1600	25.	1.1	37.	--	--	--
DC1	1997.07.25	1600	21.	1.0	37.	--	--	--
DC1	1997.07.26	1246	17.	2.1	39.	--	--	--
DC1	1997.07.26	1315	18.	5.4	38.	--	--	--
DC1	1997.07.26	1345	17.	1.2	38.	--	--	--
DC1	1997.07.26	1415	17.	2.1	38.	--	--	--
DC1	1997.07.26	1445	17.	.7	39.	--	--	--
DC1	1997.07.26	1545	17.	1.6	39.	--	--	--
DC1	1997.07.26	1600	17.	1.0	38.	--	--	--
DC1	1997.07.26	1645	17.	1.3	39.	--	--	--
DC1	1997.07.26	1745	17.	1.7	39.	--	--	--
DC1	1997.07.27	1600	16.	1.0	39.	--	--	--
DC1	1997.07.28	1600	20.	1.7	38.	--	--	--
DC1	1997.07.29	1430	21.	.6	39.	--	--	--
DC1	1997.07.29	1445	20.	.8	35.	8.7	--	--
DC1	1997.07.29	1600	20.	1.1	38.	--	--	--
DC1	1997.07.30	1600	15.	1.0	38.	--	--	--
DC1	1997.07.31	1600	13.	.8	37.	--	--	--
DC1	1997.08.01	1600	13.	1.2	38.	--	--	--
DC1	1997.08.02	1600	13.	.6	38.	--	--	--
DC1	1997.08.03	1600	8.8	2.2	38.	--	--	--
DC1	1997.08.03	1845	9.7	4.0	37.	--	--	7.6

Table 45. Selected field-parameter data collected at stream sites--Continued

[--, no sample]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	Oxygen, dissolved (percent saturation)	pH, field (standard units)
DC1	1997.08.03	1915	9.7	1.2	36.	--	--	--
DC1	1997.08.03	1945	9.7	3.0	36.	--	--	--
DC1	1997.08.03	2045	9.7	12.	36.	--	--	7.4
DC1	1997.08.03	2145	9.7	10.	35.	--	--	--
DC1	1997.08.03	2245	9.7	5.6	34.	--	--	--
DC1	1997.08.03	2345	9.7	5.0	35.	--	--	--
DC1	1997.08.04	0145	9.7	1.0	36.	--	--	--
DC1	1997.08.04	1440	9.6	29.	38.	--	--	--
DC1	1997.08.04	1445	10.	74.	40.	--	--	7.5
DC1	1997.08.04	1510	10.	4.3	36.	--	--	--
DC1	1997.08.04	1515	10.	3.8	35.	--	--	--
DC1	1997.08.04	1545	11.	1.4	35.	--	--	--
DC1	1997.08.04	1600	11.	1.3	38.	--	--	--
DC1	1997.08.04	1615	11.	.8	36.	--	--	--
DC1	1997.08.04	1715	11.	.6	37.	--	--	--
DC1	1997.08.04	1815	12.	.6	36.	--	--	--
DC1	1997.08.04	1915	13.	1.6	37.	--	--	7.6
DC1	1997.08.04	2015	13.	.3	37.	--	--	--
DC1	1997.08.04	2215	13.	1.0	36.	--	--	--
DC1	1997.08.05	1600	14.	1.6	38.	--	--	--
DC1	1997.08.06	1600	17.	.9	38.	--	--	--
DC1	1997.08.07	1420	17.	2.0	36.	--	--	--
DC1	1997.08.07	1600	19.	1.0	37.	--	--	--
DC1	1997.08.08	1600	17.	1.4	38.	--	--	--
DC1	1997.08.09	1345	16.	1.4	34.	--	--	7.3
DC1	1997.08.09	1415	17.	.5	37.	--	--	--
DC1	1997.08.09	1515	20.	1.5	37.	--	--	--
DC1	1997.08.09	1600	22.	1.5	37.	--	--	--
DC1	1997.08.09	1615	22.	1.5	37.	--	--	--
DC1	1997.08.09	1715	23.	20.	34.	--	--	7.5
DC1	1997.08.09	1815	25.	2.8	36.	--	--	--
DC1	1997.08.09	2015	33.	2.8	37.	--	--	--
DC1	1997.08.09	2215	32.	2.4	37.	--	--	--
DC1	1997.08.10	1600	23.	1.0	38.	--	--	--
DC1	1997.08.11	1200	17.	.6	38.	--	--	--
DC1	1997.08.11	1330	16.	.5	38.	--	--	--
DC1	1997.08.11	1350	16.	1.0	36.	8.6	99.	7.6
DC1	1997.08.11	1600	16.	.6	38.	--	--	--
DC1	1997.08.12	1600	16.	.4	38.	--	--	--
DC1	1997.08.13	1430	17.	--	36.	8.9	--	7.6
DC1	1997.08.13	1600	17.	.5	39.	--	--	--
DC1	1997.08.15	1600	16.	.8	38.	--	--	--
DC1	1997.08.16	1600	15.	.5	38.	--	--	--
DC1	1997.08.17	1600	15.	1.5	38.	--	--	--
DC1	1997.08.18	1600	15.	1.4	38.	--	--	--
DC1	1997.08.19	1600	14.	.6	38.	--	--	--
DC1	1997.08.20	1600	13.	1.2	38.	--	--	--
DC1	1997.08.21	1600	12.	1.6	38.	--	--	--
DC1	1997.08.22	1600	11.	.8	38.	--	--	--
DC1	1997.08.23	1600	11.	.6	38.	--	--	--
DC1	1997.08.24	1600	10.	.8	38.	--	--	--
DC1	1997.08.25	1600	13.	.7	38.	--	--	--
DC1	1997.08.26	1600	13.	.6	38.	--	--	--
DC1	1997.08.27	1600	13.	1.1	38.	--	--	--
DC1	1997.08.28	1600	10.	.4	38.	--	--	--
DC1	1997.08.29	1600	11.	1.0	38.	--	--	--
DC1	1997.08.30	1600	11.	1.0	38.	--	--	--
DC1	1997.08.31	1600	12.	26.	37.	--	--	--
DC1	1997.09.01	1600	12.	1.7	39.	--	--	--
DC1	1997.09.02	1600	12.	.9	39.	--	--	--
DC1	1997.09.03	1600	13.	.6	40.	--	--	--
DC1	1997.09.04	1600	12.	.8	39.	--	--	--
DC1	1997.09.05	1600	12.	.6	39.	--	--	--
DC1	1997.09.06	1600	12.	.6	40.	--	--	--
DC1	1997.09.07	1600	12.	1.0	39.	--	--	--
DC1	1997.09.09	1345	11.	.7	38.	8.1	94.	7.3
DC1	1997.09.29	1305	8.	.6	38.	--	--	7.6

Table 46. Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Sediment, suspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
CC1	1995.06.23	1210	10.9	2.	27.	55.	27.	0.8
CC1	1995.09.06	1315	0.85	2.8	40.	100.	2.	0.005
CC1	1996.02.06	1215	0.2	2.	51.	--	1.	0.001
CC1	1996.03.20	1250	0.13	2.	63.	--	2.	0.001
CC1	1996.05.21	1610	14.	5.1	28.	--	8.	0.3
CC1	1997.02.20	1300	0.25	1.5	53.	--	2.	0.001
CC1	1997.05.15	1410	5.9	2.6	35.	35.	4.	0.06
CC1	1997.05.20	1305	7.5	1.9	30.	--	4.	0.08
CC1	1997.05.23	1320	--	0.9	31.	--	4.	--
CC1	1997.05.30	1405	7.	1.5	28.	--	5.	0.09
CC1	1997.06.02	1445	7.5	1.7	26.	--	4.	0.08
CC1	1997.07.09	1145	1.5	1.8	33.	--	6.	0.02
CC1	1997.07.28	1435	1.5	5.3	39.	--	3.	0.01
CC1	1997.08.08	1111	1.6	2.4	43.	--	1.	0.004
CC1	1997.09.10	1415	0.57	3.3	42.	--	3.	0.005
CC1	1997.09.10	1645	0.57	1.4	44.	--	1.	0.002
CC2	1995.06.13	1830	23.	43.	37.	34.	203.	13.
CC2	1995.07.08	1530	6.4	3.	64.	100.	9.	0.16
CC2	1995.09.06	1615	0.95	2.2	98.	100.	1.	0.003
CC2	1996.02.06	1640	0.29	1.	118.	--	1.	0.001
CC2	1996.03.20	1600	0.17	0.4	136.	--	1.	0.001
CC2	1996.05.01	1020	0.33	1.2	113.	--	1.	0.001
CC2	1996.05.09	1440	4.6	--	63.	84.	42.	0.52
CC2	1996.05.09	1535	4.6	--	68.	--	31.	0.39
CC2	1996.05.13	1102	8.6	19.	55.	49.	53.	1.2
CC2	1996.05.21	1803	9.9	13.	38.	34.	60.	1.6
CC2	1996.05.22	2030	23.	7.8	43.	39.	30.	1.9
CC2	1996.05.29	1940	16.	3.4	44.	37.	12.	0.52
CC2	1996.05.30	1810	21.	2.5	49.	63.	6.	0.34
CC2	1996.06.03	1223	6.2	--	--	65.	7.	0.12
CC2	1996.06.04	1700	7.1	3.6	52.	65.	7.	0.13
CC2	1996.06.05	2000	14.	63.	47.	92.	155.	5.9
CC2	1996.06.11	1308	5.1	--	--	82.	5.	0.07
CC2	1996.06.11	1700	5.5	--	57.	83.	5.	0.07
CC2	1996.06.13	2030	5.5	2.2	66.	42.	10.	0.15
CC2	1996.06.18	1540	4.7	1.8	77.	85.	5.	0.06
CC2	1996.06.27	1225	4.	1.3	78.	--	5.	0.05
CC2	1996.07.02	1025	3.3	1.1	88.	--	3.	0.03
CC2	1996.07.10	1200	3.	1.4	87.	--	7.	0.06
CC2	1996.07.25	1125	1.5	1.3	108.	--	2.	0.01
CC2	1996.07.31	1450	1.1	--	--	--	3.	0.01
CC2	1996.08.27	1208	0.52	--	--	--	3.	0.004
CC2	1996.10.03	1100	0.82	0.6	101.	--	2.	0.004
CC2	1996.11.06	1250	0.54	0.6	97.	--	1.	0.001
CC2	1996.12.10	1200	0.45	1.1	100.	--	<1.	<0.001
CC2	1997.02.20	1038	0.32	0.7	106.	--	<1.	<0.001
CC2	1997.04.09	1440	0.54	0.6	104.	--	<1.	<0.001
CC2	1997.05.07	1130	2.9	3.3	66.	--	6.	0.05
CC2	1997.05.15	1610	18.	21.	41.	42.	133.	6.5
CC2	1997.05.20	1430	14.	3.7	42.	47.	9.	0.34
CC2	1997.05.23	1500	13.1	11.	46.	--	20.	0.71

Table 46. Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration--continued

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Sediment, suspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
CC2	1997.05.30	1440	16.	8.5	46.	--	15.	0.65
CC2	1997.06.02	955	13.	1.9	48.	--	11.	0.39
CC2	1997.06.02	1640	16.	5.9	43.	--	28.	1.2
CC2	1997.06.06	1250	11.	1.6	55.	--	4.	0.12
CC2	1997.06.11	1045	9.2	5.2	56.	69.	6.	0.15
CC2	1997.06.24	1310	4.8	1.5	70.	43.	7.	0.09
CC2	1997.07.01	1040	3.1	1.4	83.	--	1.	0.01
CC2	1997.07.09	1435	2.4	1.4	94.	--	2.	0.01
CC2	1997.07.22	1423	1.5	--	--	--	2.	0.01
CC2	1997.07.22	1430	1.4	1.8	97.	--	3.	0.01
CC2	1997.07.28	1325	1.8	131.	94.	--	65.	0.32
CC2	1997.07.28	1510	2.5	2140.	88.	--	1080.	7.3
CC2	1997.08.07	1020	2.7	4.2	77.	--	5.	0.04
CC2	1997.08.09	1345	2.1	1360.	78.	100.	1180.	6.7
CC2	1997.08.11	1415	3.1	1400.	66.	--	983.	8.2
CC2	1997.08.11	1430	2.8	--	--	100.	882.	6.7
CC2	1997.08.12	1140	2.3	--	86.	--	4.	0.02
CC2	1997.09.10	1530	0.93	2.8	95.	--	2.	0.01
CC2	1997.09.18	1200	0.77	--	115.	--	2.	0.004
CC2	1997.09.26	1315	0.99	2.7	89.	--	3.	0.01
CC5	1994.10.18	1305	5.8	--	--	100.	14.	0.22
CC5	1994.11.30	1450	4.1	--	80.	--	5.	0.06
CC5	1994.12.29	1250	3.	--	80.	--	12.	0.1
CC5	1995.02.23	1300	2.1	--	85.	--	3.	0.02
CC5	1995.04.08	1700	3.4	--	--	--	66.	0.61
CC5	1995.04.14	1045	2.	--	--	100.	5.	0.03
CC5	1995.04.28	1045	2.5	--	93.	--	7.	0.05
CC5	1995.05.12	1550	4.3	51.	96.	92.	61.	0.71
CC5	1995.05.15	1625	11.5	--	--	88.	181.	5.6
CC5	1995.05.15	1640	11.5	160.	80.	80.	204.	6.3
CC5	1995.06.07	1130	38.	15.	78.	34.	74.	7.6
CC5	1995.06.13	1940	70.	76.	57.	63.	196.	37.
CC5	1995.06.20	1525	95.	85.	56.	58.	441.	113.
CC5	1995.07.05	1750	57.	--	60.	38.	15.	2.3
CC5	1995.08.22	1422	25.	--	--	100.	16.	1.1
CC5	1995.08.22	1605	26.	45.	60.	100.	64.	4.5
CC5	1995.08.22	1625	27.	110.	60.	96.	88.	6.4
CC5	1995.09.06	930	17.	2.5	63.	100.	4.	0.18
CC5	1995.09.06	1035	16.	--	--	100.	4.	0.17
CC5	1995.10.04	840	9.8	--	65.	100.	4.	0.11
CC5	1995.12.05	1400	5.1	2.	80.	--	3.	0.04
CC5	1996.01.25	943	3.1	0.7	84.	--	1.	0.01
CC5	1996.03.12	1208	2.8	1.5	87.	--	3.	0.02
CC5	1996.03.12	1515	2.8	1.5	94.	--	3.	0.02
CC5	1996.04.24	1235	3.6	5.3	93.	--	8.	0.08
CC5	1996.05.08	1710	22.	--	90.	--	58.	3.4
CC5	1996.05.09	1545	21.	--	81.	--	40.	2.3
CC5	1996.05.16	1140	33.	9.	64.	67.	23.	2.
CC5	1996.05.21	1531	32.	--	66.	47.	31.	2.7
CC5	1996.06.11	1500	30.	0.3	67.	83.	15.	1.2
CC5	1996.06.11	1845	30.	2.9	64.	57.	9.	0.73

Table 46. *Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration--continued*

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Sediment, suspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
CC5	1996.06.14	1100	31.	1.6	63.	48.	6.	0.5
CC5	1996.07.01	1735	30.	2.	54.	59.	7.	0.57
CC5	1996.07.08	1805	30.	1.5	54.	62.	6.	0.49
CC5	1996.07.17	1535	23.	1.3	59.	--	7.	0.43
CC5	1996.07.31	1310	16.	0.4	55.	54.	8.	0.35
CC5	1996.08.27	1045	8.7	--	75.	--	11.	0.26
CC5	1996.10.02	1325	6.4	--	83.	--	1.	0.02
CC5	1996.10.02	1528	6.4	--	82.	--	2.	0.03
CC5	1996.11.06	1000	5.4	--	86.	--	8.	0.12
CC5	1996.12.10	1135	4.	0.9	88.	--	1.	0.01
CC5	1997.02.20	1306	3.	0.9	86.	--	1.	0.01
CC5	1997.04.17	1615	4.6	29.	84.	--	26.	0.32
CC5	1997.04.28	1545	5.3	21.	85.	--	14.	0.2
CC5	1997.05.09	1555	16.	15.	80.	--	44.	1.9
CC5	1997.05.13	1720	28.	62.	66.	70.	151.	11.
CC5	1997.05.16	1810	45.	38.	60.	40.	215.	26.
CC5	1997.05.20	944	38.	2.6	58.	--	23.	2.4
CC5	1997.05.22	1430	43.	5.3	63.	43.	18.	2.1
CC5	1997.05.28	1315	24.	1.3	68.	--	7.	0.45
CC5	1997.06.03	1810	48.	14.	57.	--	63.	8.2
CC5	1997.06.04	1332	41.	3.9	56.	--	19.	2.1
CC5	1997.06.09	1415	47.	4.7	75.	--	22.	2.8
CC5	1997.06.11	925	45.	2.7	61.	--	23.	2.8
CC5	1997.06.24	1412	48.	3.	51.	--	14.	1.8
CC5	1997.06.30	1730	42.	--	61.	--	22.	2.5
CC5	1997.07.01	1320	41.	1.7	--	--	26.	2.9
CC5	1997.07.21	1205	26.	--	60.	--	4.	0.28
CC5	1997.07.22	1205	25.	2.	--	--	8.	0.54
CC5	1997.07.28	1435	26.	--	--	84.	4.	0.28
CC5	1997.07.28	1630	27.	21.	60.	84.	31.	2.3
CC5	1997.07.28	1725	28.	110.	57.	94.	73.	5.5
CC5	1997.08.07	1350	27.	2.4	60.	--	10.	0.73
CC5	1997.08.09	1400	26.	2.3	53.	--	5.	0.35
CC5	1997.08.09	1630	26.	61.	53.	--	42.	2.9
CC5	1997.08.11	1505	27.	19.	57.	--	25.	1.8
CC5	1997.08.11	1520	27.	79.	53.	--	73.	5.3
CC5	1997.08.12	1415	26.	1.9	56.	--	4.	0.28
CC5	1997.09.10	1740	13.	1.7	61.	--	5.	0.18
CC5	1997.09.18	1045	11.	1.8	67.	--	2.	0.06
CC5	1997.09.26	1415	9.1	2.2	63.	--	4.	0.1
CC7	1994.10.18	1443	5.9	--	110.	--	12.	0.19
CC7	1994.11.30	1340	4.9	--	113.	--	7.	0.09
CC7	1994.12.28	1453	4.6	--	111.	--	4.	0.05
CC7	1995.02.01	1453	4.	--	113.	--	10.	0.11
CC7	1995.03.17	1501	12.	--	107.	--	4.	0.13
CC7	1995.04.13	1323	6.9	--	111.	--	3.	0.06
CC7	1995.04.28	1350	5.4	--	114.	--	14.	0.2
CC7	1995.05.10	1730	6.4	0.7	115.	--	7.	0.12
CC7	1995.05.10	1740	6.2	--	--	--	9.	0.15
CC7	1995.06.07	1515	17.	1.4	108.	85.	6.	0.28
CC7	1995.06.13	1840	37.	5.	98.	67.	12.	1.2

Table 46. Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration--continued

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Sediment, suspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
CC7	1995.07.07	1345	34.	2.4	81.	26.	26.	2.4
CC7	1995.07.19	1304	103.	2.1	68.	67.	5.	1.4
CC7	1995.08.03	1031	41.	--	75.	100.	4.	0.44
CC7	1995.09.06	1515	15.	--	88.	100.	1.	0.04
CC7	1996.05.08	1540	11.	--	107.	--	2.	0.06
CC7	1996.05.31	1830	24.	2.6	89.	82.	5.	0.32
CC7	1996.06.12	1142	48.	22.	80.	84.	21.	2.7
CC7	1996.06.14	1010	50.	--	75.	44.	4.	0.54
CC7	1996.06.17	1700	47.	12.	77.	76.	13.	1.6
CC7	1996.06.24	1735	55.	1.8	76.	69.	5.	0.74
CC7	1996.07.01	1645	49.	1.2	76.	69.	3.	0.4
CC7	1996.07.08	1910	49.	0.2	77.	--	2.	0.26
CC7	1996.07.30	1300	18.	0.3	84.	56.	5.	0.24
CC7	1996.08.26	1450	10.	--	105.	--	2.	0.05
CC7	1996.10.02	1100	12.	--	107.	--	2.	0.06
CC7	1996.11.04	1300	6.7	--	111.	--	2.	0.04
CC7	1996.12.11	905	5.9	--	109.	--	1.	0.02
CC7	1997.02.21	1412	4.1	0.4	104.	--	2.	0.02
CC7	1997.04.01	1450	4.4	--	75.	--	1.	0.01
CC7	1997.05.05	1220	5.7	--	84.	--	5.	0.08
CC7	1997.05.09	850	7.9	1.2	107.	--	3.	0.06
CC7	1997.05.22	1040	20.	1.7	102.	--	22.	1.2
CC7	1997.05.26	1725	58.	1.4	84.	--	3.	0.47
CC7	1997.05.28	933	42.	2.4	87.	--	23.	2.6
CC7	1997.05.28	1500	38.	1.3	87.	--	5.	0.51
CC7	1997.06.03	1340	60.	1.8	82.	--	2.	0.32
CC7	1997.06.13	1130	88.	2.2	76.	--	12.	2.9
CC7	1997.06.18	1055	64.	--	--	--	13.	2.2
CC7	1997.06.30	1010	61.	6.	76.	--	11.	1.8
CC7	1997.07.07	1440	46.	1.1	73.	--	2.	0.25
CC7	1997.07.10	1050	36.	1.3	81.	--	7.	0.68
CC7	1997.07.22	1045	31.	6.4	77.	--	3.	0.25
CC7	1997.08.13	1610	29.	--	--	--	2.	0.16
CC7	1997.09.11	1545	21.	0.9	83.	--	2.	0.11
CC7	1997.09.18	1545	19.	--	--	--	1.	0.05
CC7	1997.09.26	1215	16.	0.8	83.	--	1.	0.04
CC9	1994.10.18	1410	7.5	--	108.	90.	9.	0.18
CC9	1994.11.30	1137	2.57	--	130.	--	3.	0.02
CC9	1994.12.28	1250	1.73	--	137.	--	9.	0.04
CC9	1995.02.01	1210	1.57	--	142.	--	2.	0.01
CC9	1995.03.17	1238	1.6	--	148.	--	2.	0.01
CC9	1995.04.12	1414	1.7	--	144.	--	3.	0.01
CC9	1995.04.28	1250	1.4	--	145.	--	5.	0.02
CC9	1995.05.10	1440	1.86	3.6	143.	--	3.	0.02
CC9	1995.06.08	1000	28.	--	--	46.	41.	3.1
CC9	1995.06.13	1656	51.	--	--	36.	115.	16.
CC9	1995.06.15	1715	97.	55.	53.	31.	347.	91.
CC9	1995.06.20	1300	108.	12.	48.	25.	102.	30.
CC9	1995.07.18	1515	94.	--		22.	33.	8.4
CC9	1995.08.01	1240	41.	190.	59.	97.	65.	7.2
CC9	1995.09.06	1400	13.	0.5	82.	100.	1.	0.04

Table 46. Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration--continued

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Sediment, suspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
CC9	1995.12.05	1215	2.65	0.3	124.	--	<1.	<0.01
CC9	1996.01.25	1303	1.76	0.3	138.	--	3.	0.01
CC9	1996.03.12	1150	1.49	0.4	136.	--	2.	0.01
CC9	1996.04.23	1340	2.43	0.6	136.	--	5.	0.03
CC9	1996.05.08	1515	10.	--	102.	--	3.	0.08
CC9	1996.05.20	1553	56.	2.6	57.	64.	20.	3.
CC9	1996.05.31	1705	34.	0.7	70.	42.	5.	0.46
CC9	1996.06.12	1027	71.	2.8	58.	35.	16.	3.1
CC9	1996.06.12	1815	81.	25.	51.	43.	54.	12.
CC9	1996.06.14	945	73.	1.6	46.	27.	21.	4.1
CC9	1996.06.24	1700	62.	4.3	42.	62.	12.	2.
CC9	1996.07.01	1550	56.	--	52.	44.	6.	0.91.
CC9	1996.07.08	1840	43.	0.6	55.	60.	6.	0.7
CC9	1996.07.17	1410	25.	0.8	70.	63.	4.	0.27
CC9	1996.07.31	1035	19.	0.6	74.	52.	6.	0.31
CC9	1996.08.26	1250	6.8	--	--	--	3.	0.06
CC9	1996.10.01	1340	6.5	--	--	--	1.	0.02
CC9	1996.11.04	1050	4.	--	--	--	3.	0.03
CC9	1996.12.10	1315	2.9	0.3	129.	--	<1.	<0.01
CC9	1997.02.21	1135	1.8	0.2	134.	--	1.	0.005
CC9	1997.04.09	1215	1.6	0.4	142.	--	<1.	<0.004
CC9	1997.05.09	830	7.5	1.6	102.	--	3.	0.06
CC9	1997.05.22	1001	40.	2.1	64.	--	6.	0.65
CC9	1997.05.26	1705	35.	1.5	64.	--	4.	0.38
CC9	1997.05.28	922	29.	1.4	68.	--	2.	0.16
CC9	1997.05.29	1315	34.	1.5	65.	--	3.	0.28
CC9	1997.06.03	1310	64.	2.6	55.	--	17.	2.9
CC9	1997.06.05	1212	73.	3.	47.	--	28.	5.5
CC9	1997.06.09	1540	89.	2.9	47.	--	23.	5.5
CC9	1997.06.18	1045	71.	1.1	48.	27.	11.	2.1
CC9	1997.06.30	1055	56.	5.	54.	--	29.	4.4
CC9	1997.07.07	1340	38.	0.6	52.	--	4.	0.41
CC9	1997.07.10	1040	35.	2.8	89.	--	14.	1.3
CC9	1997.07.22	1125	28.	1.6	57.	--	3.	0.23
CC9	1997.08.12	1630	24.	--	--	--	1.	0.06
CC9	1997.09.11	1615	7.5	1.	90.	--	4.	0.08
CC9	1997.09.18	1440	7.2	--	--	--	2.	0.04
CC9	1997.09.26	1145	6.8	--	--	--	2.	0.04
CC11	1995.09.06	1030	7.76	--	56.	--	2.	0.04
CC11	1996.02.07	1605	1.32	1.	59.	--	<1.	<0.004
CC11	1996.06.06	1600	12.	0.9	40.	77.	2.	0.06
CC11	1996.07.17	1150	6.9	0.8	--	67.	1.	0.02
CC11	1997.05.21	1010	13.	2.5	42.	--	10.	0.35
CC11	1997.05.30	1120	--	1.4	41.	--	2.	--
CC11	1997.06.02	1045	--	2.	34.	--	32.	--
CC11	1997.06.03	950	24.	2.4	35.	--	11.	0.71
CC11	1997.06.21	1005	--	0.8	38.	36.	5.	--
CC11	1997.08.04	1200	9.	1.2	59.	--	2.	0.05
CC11	1997.09.11	1400	4.91	1.4	58.	--	2.	0.03
GC1	1995.06.26	1220	6.33	2.	31.	48.	6.	0.1
GC1	1995.09.07	1045	1.22	1.5	37.	--	<1.	--

Table 46. Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration--continued

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Sediment, suspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
GC1	1996.07.19	1405	3.1	1.	30.	73.	2.	0.02
GC1	1997.06.17	1610	4.81	2.1	29.	--	4.	0.05
GC1	1997.08.12	1200	2.6	1.2	37.	--	3.	0.02
GC2	1995.06.26	1525	10.8	2.	26.	75.	7.	0.2
GC2	1995.09.07	1330	0.44	2.7	55.	100.	6.	0.01
GC2	1996.06.12	1620	--	2.5	30.	61.	3.	--
GC2	1996.07.19	1505	0.87	4.3	50.	83.	2.	0.005
GC2	1997.06.05	1500	7.66	3.3	23.	--	12.	0.25
GC2	1997.08.12	1400	1.	3.	49.	--	5.	0.01
GC5	1994.10.18	1105	1.3	--	--	--	5.	0.02
GC5	1994.12.02	1358	0.92	--	--	--	6.	0.01
GC5	1994.12.30	1431	0.67	--	--	--	5.	0.01
GC5	1995.03.07	1310	0.62	--	53.	--	3.	0.01
GC5	1995.04.13	954	0.86	--	--	100.	4.	0.01
GC5	1995.04.27	1525	1.4	--	--	--	2.	0.01
GC5	1995.05.11	1655	2.2	1.9	--	--	18.	0.11
GC5	1995.05.11	1700	2.2	1.9	--	--	16.	0.1
GC5	1995.06.07	1600	13.	--	--	54.	8.	0.28
GC5	1995.06.14	1506	20.	5.	--	65.	20.	1.1
GC5	1995.06.19	1400	67.	--	--	52.	92.	17.
GC5	1995.06.21	1615	67.	--	--	43.	40.	7.2
GC5	1995.07.20	1107	25.	--	--	29.	11.	0.74
GC5	1995.08.03	1453	16.	--	--	100.	5.	0.22
GC5	1995.09.06	1230	6.3	--	--	100.	2.	0.03
GC5	1995.09.07	1245	6.3	--	--	100.	1.	0.02
GC5	1995.10.10	1245	3.5	--	--	--	1.	0.01
GC5	1995.12.06	1307	1.8	--	--	--	1.	0.005
GC5	1996.01.24	1425	1.1	--	--	--	1.	0.003
GC5	1996.03.13	1100	0.86	0.9	52.	--	2.	0.005
GC5	1996.04.23	1020	1.	--	--	--	3.	0.01
GC5	1996.05.01	1315	1.83	1.5	54.	--	1.	0.01
GC5	1996.05.13	1340	6.1	--	--	--	5.	0.08
GC5	1996.05.16	1308	7.7	--	56.	73.	7.	0.15
GC5	1996.05.21	1820	15.	--	--	44.	11.	0.45
GC5	1996.05.21	1950	15.	--	--	53.	9.	0.36
GC5	1996.05.30	1600	20.	--	45.	46.	4.	0.22
GC5	1996.06.03	1434	19.	--	--	83.	4.	0.21
GC5	1996.06.06	1855	22.	--	--	55.	7.	0.42
GC5	1996.06.10	1410	25.	--	--	59.	7.	0.47
GC5	1996.06.10	1725	25.	0.8	43.	74.	6.	0.4
GC5	1996.06.13	1800	29.	--	--	48.	8.	0.63
GC5	1996.06.18	1405	27.	--	--	83.	2.	0.15
GC5	1996.06.20	1250	26.	--	--	32.	6.	0.42
GC5	1996.07.02	1145	20.	--	--	83.	3.	0.16
GC5	1996.07.25	1245	22.	1.3	38.	--	2.	0.12
GC5	1996.08.02	1220	15.	--	48.	--	5.	0.2
GC5	1996.08.27	1400	1.2	--	64.	--	5.	0.02
GC5	1996.10.03	1300	1.4	0.7	57.	--	2.	0.01
GC5	1996.11.05	1055	1.1	0.6	56.	--	2.	0.01
GC5	1996.12.09	1315	1.2	--	--	--	<1.	<0.003

Table 46. Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration--continued

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Sediment, suspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
GC5	1997.02.19	1645	1.	--	57.	--	2.	0.01
GC5	1997.04.30	1145	2.1	4.2	61.	--	<1.	<0.01
GC5	1997.05.07	1405	3.9	2.	52.	--	2.	0.02
GC5	1997.05.19	1200	12.	2.7	50.	--	14.	0.45
GC5	1997.05.28	1330	20.	1.6	45.	--	8.	0.43
GC5	1997.06.02	1152	24.	1.8	45.	--	12.	0.78
GC5	1997.06.04	1340	27.	3.3	43.	63.	15.	1.1
GC5	1997.06.18	1225	32.	--	--	65.	11.	0.95
GC5	1997.07.01	1100	23.	7.6	54.	--	18.	1.1
GC5	1997.07.16	1134	24.	2.2	34.	--	6.	0.39
GC5	1997.07.29	1115	6.5	--	53.	--	5.	0.09
GC5	1997.08.14	1415	4.5	1.3	53.	--	5.	0.06
GC5	1997.09.29	1540	2.8	1.1	47.	--	2.	0.02
GC7	1995.06.03	1121	--	--	--	--	30.	--
GC7	1995.06.05	1715	57.	63.	78.	--	116.	18.
GC7	1995.06.10	1705	--	--	--	--	365.	--
GC7	1995.06.14	1920	153.	90.	64.	66.	119.	49.
GC7	1995.07.08	1615	66.	12.	59.	68.	26.	4.6
GC7	1995.09.07	1130	19.9	3.1	110.	100.	7.	0.38
GC7	1996.06.04	1615	56.	0.9	73.	83.	9.	1.4
GC7	1996.07.18	1535	39.	7.	83.	89.	11.	1.2
GC7	1997.05.22	1235	67.	9.1	66.	--	10.	1.8
GC7	1997.08.14	1000	33.	6.	98.	--	8.	0.71
GC8	1995.06.05	1532	12.3	17.	55.	--	41.	1.4
GC8	1995.06.14	1830	44.9	80.	36.	63.	166.	20.
GC8	1995.09.06	1430	6.28	1.1	45.	100.	2.	0.03
GC8	1996.06.05	1830	31.1	8.	35.	71.	24.	2.
GC8	1996.07.18	1535	14.7	4.9	40.	88.	10.	0.4
GC8	1997.05.29	1255	18.7	1.7	43.	--	4.	0.21
GC8	1997.05.30	1520	--	1.8	42.	--	4.	--
GC8	1997.06.02	1330	--	2.6	37.	--	11.	--
GC8	1997.06.25	1045	--	1.5	32.	14.	104.	--
GC8	1997.08.19	1100	9.5	1.	48.	--	2.	0.05
GC10	1995.06.03	1121	23.	2.	45.	100.	30.	--
GC10	1995.06.14	1630	160.	25.	27.	40.	139.	60.
GC10	1995.09.07	1030	18.3	2.1	43.	100.	2.	0.1
GC10	1996.05.29	1720	43.	5.	35.	48.	21.	--
GC10	1996.07.19	1715	20.	1.5	40.	92.	2.	--
GC10	1997.05.21	1340	112.	2.2	31.	--	6.	--
GC10	1997.06.02	1240	--	2.4	26.	--	8.	--
GC10	1997.06.25	1300	27.	7.2	36.	72.	21.	--
GC10	1997.08.05	1115	--	1.7	39.	--	3.	--
GC11	1994.10.18	943	16.	--	88.	100.	12.	0.52
GC11	1994.12.02	1613	14.	--	94.	--	21.	0.79
GC11	1995.01.06	1323	11.	--	89.	--	6.	0.18
GC11	1995.03.10	1220	11.	--	91.	--	11.	0.33
GC11	1995.04.12	950	16.	--	--	100.	7.	0.3
GC11	1995.04.27	1250	13.	--	96.	--	8.	0.28

Table 46. Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration--continued

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Diacharge, instan-taneous (ft^3/s)	Turbidity (NTU)	Specific conduc-tance (µS/cm at 25 degrees Celsius)	Sediment, auspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
GC11	1995.05.11	1410	20.	4.3	93.	--	10.	0.54
GC11	1995.06.14	2000	531.	94.	41.	37.	939.	1370.
GC11	1995.06.19	1735	790.	--	--	31.	169.	360.
GC11	1995.06.21	1715	726.	--	--	73.	273.	535.
GC11	1995.07.06	1120	281.	2.3	49.	41.	11.	8.3
GC11	1995.08.04	1025	147.	--	55.	100.	11.	4.4
GC11	1995.09.07	1345	58.	3.4	71.	100.	6.	0.94
GC11	1995.12.06	1111	18.	--	--	--	7.	0.34
GC11	1996.01.24	1055	12.	--	--	--	7.	0.23
GC11	1996.03.13	1225	12.	--	--	--	8.	0.26
GC11	1996.04.22	1245	16.	--	--	--	6.	0.26
GC11	1996.05.02	955	24.	4.4	87.	--	6.	0.39
GC11	1996.05.14	930	140.	5.7	54.	56.	11.	4.2
GC11	1996.05.20	1855	212.	--	--	79.	10.	5.7
GC11	1996.05.23	1950	233.	5.5	49.	67.	10.	6.3
GC11	1996.06.03	1715	153.	2.7	53.	74.	14.	5.8
GC11	1996.06.06	2040	246.	7.7	52.	61.	15.	10.
GC11	1996.06.10	2006	270.	8.2	48.	68.	17.	12.
GC11	1996.06.13	1705	241.	5.6	51.	57.	8.	5.2
GC11	1996.06.20	1530	217.	4.3	51.	69.	6.	3.5
GC11	1996.06.25	1340	207.	3.8	50.	--	8.	4.5
GC11	1996.07.02	1310	166.	3.4	53.	80.	4.	1.8
GC11	1996.07.10	1215	140.	4.8	56.	73.	9.	3.4
GC11	1996.07.25	1435	80.	4.3	62.	--	6.	1.3
GC11	1996.08.02	1435	56.	--	76.	--	7.	1.1
GC11	1996.08.28	1125	30.	--	89.	--	7.	0.57
GC11	1996.10.03	1443	27.	--	87.	--	6.	0.44
GC11	1996.11.05	1330	29.	5.	86.	--	7.	0.55
GC11	1996.12.12	930	20.	--	--	--	8.	0.43
GC11	1997.02.19	1445	12.	--	--	--	10.	0.32
GC11	1997.04.30	1125	24.	4.1	91.	--	5.	0.32
GC11	1997.05.13	1434	79.	3.	61.	--	15.	3.2
GC11	1997.05.19	1140	176.	5.7	47.	--	12.	5.7
GC11	1997.05.28	1145	154.	3.	49.	--	4.	1.7
GC11	1997.06.04	1030	299.	6.4	45.	--	21.	17.
GC11	1997.06.18	1355	311.	3.1	42.	20.	29.	24.
GC11	1997.07.01	1440	197.	4.3	48.	--	16.	8.5
GC11	1997.07.16	1335	122.	5.2	49.	--	8.	2.6
GC11	1997.07.30	1120	116.	4.3	60.	--	9.	2.8
GC11	1997.08.11	1125	130.	2.7	56.	--	8.	2.8
GC11	1997.09.09	1530	41.	4.2	75.	--	7.	0.77
GC11	1997.09.29	1420	30.	4.6	74.	--	8.	0.65
DC1	1996.01.26	1030	3.17	--	51.	--	1.	0.01
DC1	1996.03.13	1530	0.86	0.3	52.	--	1.	0.002
DC1	1996.04.22	1018	3.97	--	49.	--	6.	0.06
DC1	1996.05.02	1305	5.2	1.2	48.	--	2.	0.03
DC1	1996.05.14	1440	17.	1.	40.	68.	3.	0.14
DC1	1996.05.29	1455	24.	1.	39.	52.	4.	0.26
DC1	1996.06.03	1520	19.	0.7	37.	50.	2.	0.1
DC1	1996.06.05	1510	25.	--	--	47.	5.	0.34
DC1	1996.06.10	1330	27.	0.6	32.	43.	7.	0.51

Table 46. Stream discharge, turbidity, specific conductance, suspended-sediment concentration, particle-size, and suspended-sediment discharge collected by depth and width integration--continued

[--, no sample; %, percentage]

Station number (fig. 1)	Date (YYYY.MM.DD)	Time (HHMM)	Discharge, instantaneous (ft^3/s)	Turbidity (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	Sediment, suspended (% finer than 0.062 mm)	Sediment, suspended, concentration (mg/L)	Sediment, discharge, suspended (T/d)
DC1	1996.06.10	1515	27.	0.5	33.	82.	2.	0.15
DC1	1996.06.13	1450	27.	0.6	32.	43.	10.	0.73
DC1	1996.06.20	1600	27.	--	--	36.	13.	0.95
DC1	1996.06.25	1115	27.	0.5	32.	--	7.	0.51
DC1	1996.07.02	1550	23.	0.6	33.	71.	2.	0.12
DC1	1996.07.10	1005	22.	0.5	36.	50.	3.	0.18
DC1	1996.07.25	1645	13.	0.7	37.	--	2.	0.07
DC1	1996.08.01	1054	12.	--	47.	--	3.	0.1
DC1	1996.08.28	1305	8.3	--	46.	--	27.	0.61
DC1	1996.10.04	1020	5.3	0.3	45.	--	2.	0.03
DC1	1996.11.06	1530	4.7	0.5	44.	--	<1.	<0.01
DC1	1996.12.09	1020	4.	0.4	42.	--	<1.	<0.01
DC1	1997.02.19	1112	2.8	0.9	44.	--	1.	0.01
DC1	1997.05.01	1225	5.	3.7	56.	--	4.	0.05
DC1	1997.05.07	1635	12.	6.3	44.	--	18.	0.58
DC1	1997.05.19	1505	31.	1.3	35.	--	10.	0.84
DC1	1997.05.23	910	30.	2.1	56.	--	8.	0.65
DC1	1997.05.29	1103	35.	1.7	35.	--	3.	0.28
DC1	1997.06.03	1415	58.	2.6	34.	--	15.	2.3
DC1	1997.06.05	1949	78.	1.7	30.	--	14.	2.9
DC1	1997.06.11	1325	69.	1.3	31.	27.	17.	3.2
DC1	1997.06.25	1555	78.	8.3	38.	--	17.	3.6
DC1	1997.07.29	1430	21.	0.6	39.	--	1.	0.06
DC1	1997.08.04	1440	9.6	29.	38.	86.	58.	1.5
DC1	1997.08.11	1200	17.	0.6	38.	--	2.	0.09
DC1	1997.09.29	1305	8.	0.6	36.	--	1.	0.02

Table 47. Bed-material particle-size data collected at stream sites

Site no.	Date	Percentage of particles less than size, in millimeters									
(fig. 1)	(mm/dd/yy)	256	64	8	4	2	1	0.5	0.25	0.125	0.062
CC11	07/15/97	73.	43.	8.	6.	6.	4.	2.	1.	<1.	<1.
CC9	07/17/97	93.	47.	6.	5.	4.	4.	3.	2.	1.	<1.
CC5	07/17/97	98.	81.	15.	12.	10.	9.	8.	7.	4.	1.
CC2	07/30/97	89.	52.	12.	11.	8.	6.	5.	3.	1.	<1.
CC12	10/01/96	91.	51.	4.	4.	4.	3.	2.	2.	1.	1.
CC1	08/22/97	93.	40.	<1.	<1.	<1.	<1.	<1.	<1.	<1.	<1.
GC1	08/01/97	81.	57.	8.	8.	4.	2.	1.	1.	<1.	<1.
GC2	08/01/97	80.	36.	10.	10.	7.	5.	3.	2.	1.	<1.
GC5	08/22/97	73.	45.	8.	7.	6.	6.	5.	3.	2.	1.
GC7	08/22/97	96.	61.	5.	5.	4.	4.	3.	2.	1.	<1.
GC8	08/22/97	89.	45.	3.	3.	3.	2.	1.	1.	<1.	<1.
GC10	08/20/97	82.	39.	2.	2.	2.	2.	1.	1.	<1.	<1.
GC11	08/12/97	72.	29.	3.	3.	3.	2.	2.	1.	1.	<1.
GC13	08/25/97	100.	98.	60.	40.	23.	15.	4.	2.	1.	<1.
DC1	07/25/97	94.	55.	10.	10.	9.	6.	4.	2.	1.	<1.

Table 48. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CRD7, Guanella Pass Culvert #1 near Georgetown, Colorado

[--, not computed; e, estimated]

	Water Year 1996								
	October			November			December		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
2	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
3	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
4	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
5	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
6	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
7	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
8	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
9	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
10	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
11	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
12	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
13	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
14	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
15	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
16	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
17	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
18	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
19	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
20	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
21	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
22	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
23	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
24	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
25	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
26	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
27	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
28	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
29	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
30	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
31	e0.	--	e0.	--	--	--	e0.	--	e0.

	Water Year 1996								
	January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
2	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
3	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
4	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
5	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
6	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
7	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
8	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
9	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
10	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
11	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
12	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
13	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
14	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
15	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
16	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
17	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
18	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
19	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
20	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
21	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
22	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
23	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
24	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
25	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
26	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
27	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
28	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
29	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
30	e0.	--	e0.	--	--	--	e0.	--	e0.
31	e0.	--	e0.	--	--	--	e0.	--	e0.

Table 48. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CRD7, Guanella Pass Culvert #1 near Georgetown, Colorado--Continued

[--, not computed; e, estimated]

	Water Yeer 1996									Water Year 1996									
	April			May			June				July			August			September		
Day	Mean discharge (ft^3/s)	Meen concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Meen discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e0.	--	e0.	e0.0011	--	e0.0013	0.	0.	0.	1	0.	0.	0.	0.	0.	0.	0.	0.	0.
2	e0.	--	e0.	0.0013	338.	0.0016	0.	0.	0.	2	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	e0.	--	e0.	0.0034	173.	0.0023	0.	0.	0.	3	0.	0.	0.	0.	0.	0.	0.	0.	0.
4	e0.	--	e0.	0.0077	245.	0.006	0.	0.	0.	4	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	e0.	--	e0.	0.0086	226.	0.0059	0.	0.	0.	5	0.	0.	0.	0.	0.	0.	0.	0.	0.
6	e0.	--	e0.	0.0097	248.	0.0095	0.	0.	0.	6	0.	0.	0.	0.	0.	0.	0.0042	5,190.	0.077
7	e0.	--	e0.	0.01	184.	0.0062	0.	0.	0.	7	0.	0.	0.	0.	0.	0.	0.	0.	0.
8	e0.	--	e0.	0.0079	198.	0.0053	0.	0.	0.	8	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	e0.	--	e0.	0.0067	173.	0.0038	0.	0.	0.	9	0.	0.	0.	0.	0.	0.	0.	0.	0.
10	e0.	--	e0.	0.0058	126.	0.0019	0.	0.	0.	10	0.	0.	0.	0.	0.	0.	0.	0.	0.
11	e0.	--	e0.	0.006	176.	0.0038	0.	0.	0.	11	0.	0.	0.	0.	0.	0.	0.	0.	0.
12	e0.	--	e0.	0.015	246.	0.019	0.	0.	0.	12	0.	0.	0.	0.	0.	0.	0.0021	5,420.	0.027
13	e0.	--	e0.	0.019	118.	0.012	0.	0.	0.	13	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	e0.	--	e0.	0.012	62.	0.0034	0.	0.	0.	14	0.	0.	0.	0.	0.	0.	0.00073	3,160.	0.0056
15	e0.	--	e0.	0.012	54.	0.0029	e0.0022	--	e0.028	15	0.	0.	0.	0.	0.	0.	0.0018	665.	0.01
16	e0.	--	e0.	0.012	58.	0.0032	0.	0.	0.	16	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	e0.	--	e0.	0.0074	55.	0.0017	0.	0.	0.	17	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	e0.	--	e0.	0.0099	61.	0.0024	0.	0.	0.	18	0.	0.	0.	0.	0.	0.	e0.	--	e0.
19	e0.	--	e0.	0.0085	59.	0.002	0.	0.	0.	19	0.	0.	0.	0.	0.	0.	e0.	--	e0.
20	e0.	--	e0.	0.0033	78.	0.001	0.	0.	0.	20	0.	0.	0.	0.	0.	0.	e0.	--	e0.
21	e0.	--	e0.	0.0061	187.	0.0051	0.00029	4,030.	0.0032	21	0.	0.	0.	0.00022	25,900.	0.0097	e0.	--	e0.
22	e0.	--	e0.	0.005	220.	0.0052	0.00067	2,440.	0.0048	22	0.	0.	0.	0.	0.	0.	e0.	--	e0.
23	e0.	--	e0.	0.00086	204.	0.00054	0.	0.	0.	23	0.	0.	0.	0.001	16,000.	0.08	e0.	--	e0.
24	e0.	--	e0.	0.0012	517.	0.0021	0.	0.	0.	24	0.	0.	0.	0.	0.	0.	e0.	--	e0.
25	0.00015	340.	0.0002	0.	0.	0.	0.	0.	0.	25	0.	0.	0.	0.	0.	0.	e0.	--	e0.
26	0.0012	411.	0.002	0.	0.	0.	0.	0.	0.	26	0.	0.	0.	0.	0.	0.	e0.	--	e0.
27	0.0018	410.	0.0025	0.	0.	0.	0.	0.	0.	27	0.	0.	0.	0.00011	10,500.	0.0044	e0.	--	e0.
28	e0.0017	--	e0.00144	0.	0.	0.	0.	0.	0.	28	0.	0.	0.	0.	0.	0.	e0.	--	e0.
29	e0.0015	--	e0.00142	0.00065	223.	0.00045	0.	0.	0.	29	0.	0.	0.	0.	0.	0.	e0.	--	e0.
30	e0.0013	--	e0.0014	0.0035	745.	0.011	0.	0.	0.	30	0.	0.	0.	0.	0.	0.	e0.	--	e0.
31	--	--	--	0.00025	577.	0.00048	--	--	--	31	0.	0.	0.	0.	0.	0.	--	--	--

Table 48. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CRD7, Guanella Pass Culvert #1 near Georgetown, Colorado--Continued

[--, not computed; e, estimated]

	Water Year 1997										Water Year 1997								
	October			November			December				January			February			March		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	1	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
2	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	2	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
3	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	3	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
4	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	4	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
5	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	5	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
6	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	6	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
7	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	7	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
8	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	8	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
9	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	9	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
10	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	10	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
11	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	11	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
12	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	12	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
13	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	13	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
14	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	14	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
15	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	15	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
16	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	16	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
17	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	17	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
18	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	18	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
19	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	19	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
20	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	20	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
21	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	21	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
22	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	22	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
23	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	23	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
24	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	24	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
25	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	25	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
26	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	26	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
27	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	27	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
28	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	28	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.
29	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	29	e0.	--	e0.	--	--	--	e0.	--	e0.
30	e0.	--	e0.	e0.	--	e0.	e0.	--	e0.	30	e0.	--	e0.	--	--	--	e0.	--	e0.
31	e0.	--	e0.	--	--	--	e0.	--	e0.	31	e0.	--	e0.	--	--	--	e0.	--	e0.

Table 48. Daily mean water discharge, suspended-sediment concentration, and suspended-sediment discharge for site CRD7, Guanella Pass Culvert #1 near Georgetown, Colorado--Continued

[--, not computed; e, estimated]

	Water Year 1997										Water Year 1997								
	April			May			June				July			August			September		
Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Day	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)	Mean discharge (ft^3/s)	Mean concentration (mg/L)	Sediment discharge (T/d)
1	e0.	--	e0.	e0.	--	e0.	0.00059	450.	0.00088	1	0.	0.	0.	0.0012	1,260.	0.018	0.	0.	0.
2	e0.	--	e0.	e0.	--	e0.	0.00013	283.	0.00017	2	0.	0.	0.	0.	0.	0.	0.	0.	0.
3	e0.	--	e0.	e0.	--	e0.	0.	0.	0.	3	0.	0.	0.	0.0023	489.	0.0025	0.012	29,100.	0.889
4	e0.	--	e0.	e0.	--	e0.	0.	0.	0.	4	0.	0.	0.	0.	0.	0.	0.	0.	0.
5	e0.	--	e0.	e0.	--	e0.	0.	0.	0.	5	0.	0.	0.	0.00059	1,150.	0.0021	0.	0.	0.
6	e0.	--	e0.	e0.	--	e0.	0.0068	315.	0.016	6	0.	0.	0.	0.002	398.	0.0083	0.	0.	0.
7	e0.	--	e0.	e0.	--	e0.	0.0056	1,920.	0.027	7	0.	0.	0.	0.0029	441.	0.015	0.	0.	0.
8	e0.	--	e0.	0.0037	375.	0.0066	0.0027	1,950.	0.017	8	0.	0.	0.	0.	0.	0.	0.	0.	0.
9	e0.	--	e0.	0.0031	229.	0.004	0.00007	953.	0.00018	9	0.	0.	0.	0.0046	6,360.	0.114	0.	0.	0.
10	e0.	--	e0.	0.0061	590.	0.017	0.	0.	0.	10	0.	0.	0.	0.0077	515.	0.045	0.	0.	0.
11	e0.	--	e0.	0.011	444.	0.022	0.00023	1,010.	0.00045	11	0.	0.	0.	0.0082	160.	0.058	0.	0.	0.
12	e0.	--	e0.	0.003	147.	0.0014	0.	0.	0.	12	0.	0.	0.	0.	0.	0.	0.	0.	0.
13	e0.	--	e0.	0.029	838.	0.114	0.0017	12,500.	0.161	13	0.	0.	0.	0.	0.	0.	0.	0.	0.
14	e0.	--	e0.	0.024	419.	0.045	0.0008	1,050.	0.0021	14	0.	0.	0.	0.	0.	0.	0.	0.	0.
15	e0.	--	e0.	0.024	259.	0.031	0.	0.	0.	15	0.	0.	0.	0.	0.	0.	0.	0.	0.
16	e0.	--	e0.	0.026	328.	0.045	0.	0.	0.	16	0.	0.	0.	0.	0.	0.	0.	0.	0.
17	e0.	--	e0.	0.021	204.	0.022	0.	0.	0.	17	0.	0.	0.	0.	0.	0.	0.	0.	0.
18	e0.	--	e0.	0.018	182.	0.02	0.	0.	0.	18	0.	0.	0.	0.	0.	0.	0.	0.	0.
19	e0.	--	e0.	0.015	136.	0.012	0.	0.	0.	19	0.	0.	0.	0.	0.	0.	0.00091	16,400.	0.02
20	e0.	--	e0.	0.01	151.	0.0063	0.	0.	0.	20	0.	0.	0.	0.	0.	0.	0.0043	452.	0.013
21	e0.	--	e0.	0.011	116.	0.0058	0.	0.	0.	21	0.	0.	0.	0.	0.	0.	0.0084	792.	0.108
22	e0.	--	e0.	0.0069	248.	0.009	0.	0.	0.	22	0.	0.	0.	0.	0.	0.	0.005	266.	0.0036
23	e0.	--	e0.	0.009	209.	0.013	0.	0.	0.	23	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	e0.	--	e0.	0.0057	187.	0.0082	0.	0.	0.	24	0.	0.	0.	0.	0.	0.	0.	0.	0.
25	e0.	--	e0.	0.004	170.	0.0055	0.	0.	0.	25	0.	0.	0.	0.	0.	0.	0.	0.	0.
26	e0.	--	e0.	0.00001	54.	0.	0.	0.	0.	26	0.0017	47,400.	0.264	0.	0.	0.	0.	0.	0.
27	e0.	--	e0.	0.	0.	0.	0.	0.	0.	27	0.0085	1,350.	0.195	0.	0.	0.	0.	0.	0.
28	e0.	--	e0.	0.00019	289.	0.00018	0.	0.	0.	28	0.0057	2,510.	0.126	0.	0.	0.	0.	0.	0.
29	e0.	--	e0.	0.0039	714.	0.017	0.	0.	0.	29	0.	0.	0.	0.	0.	0.	0.	0.	0.
30	e0.	--	e0.	0.0026	653.	0.0079	0.	0.	0.	30	0.	0.	0.	0.	0.	0.	0.	0.	0.
31	--	--	--	0.0021	693.	0.0084	--	--	--	31	0.0014	2,310.	0.015	0.	0.	0.	--	--	--

Table 49. *Water-quality data collected at road-runoff sites*

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Water temp-erature (Degrees Celsius)	Discharge, instantan-eous (ft^3/s)	Turbidity, lab (NTU)	Specific conduct-ance, lab (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	pH, lab (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)	Nitrogen, ammonia plus organic, dissolved (mg/L as N)	Nitrogen, nitrite, dissolved (mg/L as N)	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N)
CRD7	08/21/96	1540	--	0.014	61,000.	455.	--	6.4	--	15.	--	--	1.2
CRD7	08/21/96	1545	--	0.011	46,000.	443.	--	6.2	--	12.	--	--	1.2
CRD7	08/21/96	1555	--	0.004	12,600.	438.	--	6.2	--	1.0	--	--	1.7
CRD7	08/21/96	1640	--	0.004	3,420.	450.	--	6.2	--	2.0	--	--	1.8
CRD7	05/10/97	1645	--	0.014	1,280.	41.	--	6.9	0.015	0.5	--	--	0.22
CRD7	05/14/97	1700	--	0.033	1,130.	31.	--	7.1	0.017	0.3	--	--	0.11
CRD7	05/14/97	1701	--	0.033	1,190.	30.	--	7.2	0.017	0.7	--	--	0.12
CRD7	05/18/97	1645	--	0.036	590.	27.	--	7.0	0.005	<0.2	--	--	0.075
CRD7	05/21/97	1726	--	0.017	620.	22.	--	6.9	0.004	<0.2	--	--	0.075
CRD7	05/21/97	1727	--	0.017	650.	22.	--	6.9	0.005	0.3	--	--	0.077
CRD7	05/30/97	1313	--	0.010	1,950.	15.	--	6.8	0.004	0.8	--	--	0.051
CRD7	05/30/97	1314	--	0.010	1,820.	15.	--	6.8	<0.002	1.1	--	--	0.048
CRD7	07/28/97	1251	--	0.012	11,600.	405.	--	6.9	0.059	4.0	--	--	1.4
CRD7	08/09/97	1350	--	0.006	32,000.	198.	--	7.0	0.054	6.8	--	--	0.82
GRD6	08/23/96	1235	--	--	32,000.	105.	--	8.0	--	3.5	--	--	0.60
GRD6	08/23/96	1240	--	--	29,000.	93.	--	8.0	--	3.3	--	--	0.57
GRD6	08/23/96	1250	--	--	17,000.	85.	--	7.9	--	2.6	--	--	0.62
GRD6	08/23/96	1305	--	--	9,300.	99.	--	7.8	--	2.2	--	--	0.70
GRD6	08/23/96	1335	--	--	6,300.	96.	--	7.7	--	1.3	--	--	0.74
GRD6	07/09/96	2323	--	--	5,900.	147.	--	7.5	--	0.6	--	--	0.37
GRD6	07/09/96	2328	--	--	7,000.	172.	--	7.4	--	1.7	--	--	0.47
GRD6	07/09/96	2338	--	--	7,400.	176.	--	7.4	--	0.5	--	--	0.55
GRD6	09/12/96	1853	--	--	3,400.	68.	--	7.9	--	1.4	--	--	0.37
GRD6	05/08/96	1840	0.2	0.090	--	22.	--	7.3	--	--	--	--	0.10
GRD6	05/08/96	2015	0.2	0.014	--	40.	--	7.0	--	--	--	--	0.14
GRD6	05/10/97	1630	--	0.043	1,430.	32.	--	7.3	0.032	0.4	--	--	0.080
GRD4	08/21/96	1611	--	--	390.	24.	--	7.0	--	--	--	--	--

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Water temperature (Degrees Celsius)	Discharge, instantaneous (ft^3/s)	Turbidity, lab (NTU)	Specific conductance, lab (µS/cm at 25 degrees Celsius)	Oxygen, dissolved (mg/L)	pH, lab (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)	Nitrogen, ammonia plus organic, dissolved (mg/L as N)	Nitrogen, nitrite, dissolved (mg/L as N)	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N)
GRD4	08/21/96	1602	--	--	407.	24.	--	7.0	--	--	--	--	--
GRD4	08/21/96	1556	--	--	428.	25.	--	7.1	--	--	--	--	--
GRD4	08/21/96	1553	--	--	466.	26.	--	7.0	--	--	--	--	--
GRD4	07/29/97	2254	--	--	20.	9.	--	6.7	0.014	0.2	--	--	0.041
CRD8	07/19/97	1410	--	--	870.	76.	--	6.7	0.017	1.4	--	--	0.23
CRD8	08/06/97	1528	--	--	79.	45.	--	7.7	<0.002	0.3	--	--	0.055
GRD8	08/04/97	1600	--	0.012	10,000.	113.	--	8.0	<0.002	5.0	--	--	0.29
CRD9	10/16/96	1415	--	0.019	3,400.	244.	--	7.1	0.20	2.1	0.7	0.06	0.75
GRD7	07/09/96	1940	--	0.035	>1,000.	48.	--	6.1	0.090	24.	0.9	0.02	0.16

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Phosphorus, total (mg/L as P)	Phosphorus, dissolved (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)	Potassium, dissolved (mg/L as K)
CRD7	08/21/96	1540	--	--	--	130.	18.	21.	19.	14.	5.6
CRD7	08/21/96	1545	--	--	--	130.	18.	21.	19.	13.	5.6
CRD7	08/21/96	1555	--	--	--	130.	18.	20.	19.	6.8	5.4
CRD7	08/21/96	1640	--	--	--	130.	18.	21.	19.	5.1	5.2
CRD7	05/10/97	1645	0.10	--	0.002	--	--	--	--	--	--
CRD7	05/14/97	1700	0.024	--	0.003	--	--	--	--	--	--
CRD7	05/14/97	1701	0.18	--	0.003	--	--	--	--	--	--
CRD7	05/18/97	1645	0.17	--	0.003	--	--	--	--	--	--
CRD7	05/21/97	1726	0.18	--	0.002	--	--	--	--	--	--
CRD7	05/21/97	1727	0.20	--	0.003	--	--	--	--	--	--
CRD7	05/30/97	1313	1.1	--	<0.001	--	--	--	--	--	--
CRD7	05/30/97	1314	1.4	--	<0.001	--	--	--	--	--	--
CRD7	07/28/97	1251	4.4	--	0.001	--	--	--	--	--	--
CRD7	08/09/97	1350	0.49	--	0.003	--	--	--	--	--	--
GRD6	08/23/96	1235	0.23	--	--	34.	8.1	3.3	2.6	35.	3.4
GRD6	08/23/96	1240	0.23	--	--	29.	7.2	2.7	2.5	30.	3.2
GRD6	08/23/96	1250	0.23	--	--	28.	6.8	2.6	2.5	27.	3.0
GRD6	08/23/96	1305	0.23	--	--	31.	7.4	3.	2.6	21.	3.0
GRD6	08/23/96	1335	0.23	--	--	30.	7.1	3.	2.6	18.	2.9
GRD6	07/09/96	2323	0.44	--	--	50.	10.	6.1	--	30.	--
GRD6	07/09/96	2328	1.2	--	--	58.	11.	7.4	--	29.	--
GRD6	07/09/96	2338	0.37	--	--	61.	12.	7.6	--	28.	--
GRD6	09/12/96	1853	1.0	--	0.008	22.	5.0	2.2	2.0	20.	2.3
GRD6	05/08/96	1840	0.34	--	--	8.	2.1	0.67	--	12.	--
GRD6	05/08/96	2015	0.09	--	--	10.	1.4	1.5	--	5.7	--
GRD6	05/10/97	1630	0.17	--	0.010	--	--	--	--	--	--
GRD4	08/21/96	1611	--	--	--	6.	1.7	0.38	0.3	5.4	2.2

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Phosphorus, total (mg/L as P)	Phosphorus, dissolved (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)	Potassium, dissolved (mg/L as K)
GRD4	08/21/96	1602	--	--	--	6.	1.7	0.38	0.2	5.4	2.2
GRD4	08/21/96	1556	--	--	--	6.	1.7	0.39	0.3	5.9	2.2
GRD4	08/21/96	1553	--	--	--	6.	1.8	0.41	0.3	6.	2.3
GRD4	07/29/97	2254	0.066	--	0.024	--	--	--	--	--	--
CRD8	07/19/97	1410	1.2	0.008	0.002	2.	0.58	0.14	12.	11.	1.0
CRD8	08/06/97	1528	0.055	--	0.003	1.	0.20	0.06	8.9	15.	0.5
GRD8	08/04/97	1600	3.0	--	0.019	45.	15.	2.0	2.7	59.	2.1
CRD9	10/16/96	1415	1.3	0.10	0.11	16.	5.2	0.66	33.	36.	4.6
GRD7	07/09/96	1940	7.2	0.25	0.22	11.	3.4	0.72	1.1	37.	4.7

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Chromium, total (µg/L as Cr)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)
CRD7	08/21/96	1540	120.	6.3	--	4.7	--	--	--	310.	1.	500,000.
CRD7	08/21/96	1545	110.	6.2	--	4.6	--	--	--	250.	2.	410,000.
CRD7	08/21/96	1555	120.	5.5	--	3.8	--	--	--	110.	1.	160,000.
CRD7	08/21/96	1640	120.	5.3	--	2.9	--	--	--	38.	1.	53,000.
CRD7	05/10/97	1645	8.1	1.5	--	--	--	--	--	15.	1.	20,000.
CRD7	05/14/97	1700	4.0	1.2	--	--	--	--	--	18.	<1.	23,000.
CRD7	05/14/97	1701	4.4	1.2	--	--	--	--	--	16.	<1.	20,000.
CRD7	05/18/97	1645	4.5	0.9	--	--	--	--	--	10.	<1.	12,000.
CRD7	05/21/97	1726	3.4	0.8	--	--	--	--	--	9.	1.	9,500.
CRD7	05/21/97	1727	3.4	0.8	--	--	--	--	--	9.	<1.	10,000.
CRD7	05/30/97	1313	1.8	0.9	--	--	--	--	--	17.	<1.	23,000.
CRD7	05/30/97	1314	1.7	0.6	--	--	--	--	--	20.	<1.	27,000.
CRD7	07/28/97	1251	110.	3.5	--	--	--	--	--	48.	<1.	97,000.
CRD7	08/09/97	1350	44.	5.3	--	--	--	--	--	197.	3.	270,000.
GRD6	08/23/96	1235	14.	3.	--	2.6	--	--	--	560.	2.	580,000.
GRD6	08/23/96	1240	11.	2.7	--	2.3	--	--	--	470.	2.	500,000.
GRD6	08/23/96	1250	11.	2.6	--	2.3	--	--	--	320.	2.	370,000.
GRD6	08/23/96	1305	15.	2.7	--	2.2	--	--	--	180.	2.	280,000.
GRD6	08/23/96	1335	14.	2.7	--	2.1	--	--	--	130.	2.	210,000.
GRD6	07/09/96	2323	22.	4.3	--	--	--	--	--	120.	2.	50,000.
GRD6	07/09/96	2328	28.	4.5	--	--	--	--	--	120.	2.	180,000.
GRD6	07/09/96	2338	31.	4.7	--	--	--	--	--	130.	2.	180,000.
GRD6	09/12/96	1853	8.9	2.9	--	1.8	<1.	--	--	97.	2.	130,000.
GRD6	05/08/96	1840	0.9	--	--	--	--	--	--	57.	--	99,000.
GRD6	05/08/96	2015	7.6	--	--	--	--	--	--	14.	--	14,000.
GRD6	05/10/97	1630	1.1	1.1	--	--	--	--	--	37.	1.	72,000.
GRD4	08/21/96	1611	0.8	1.4	--	0.8	<1.	--	--	14.	1.	16,000.

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Sulfate dissolved (mg/L as SO_4)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Chromium, total (µg/L as Cr)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)
GRD4	08/21/96	1602	0.7	1.3	--	0.8	<1.	<1.	--	15.	2.	18,000.
GRD4	08/21/96	1556	0.7	1.4	--	0.8	<1.	--	--	18.	1.	21,000.
GRD4	08/21/96	1553	0.8	1.4	--	0.8	<1.	<1.	--	27.	3.	21,000.
GRD4	07/29/97	2254	<0.1	0.2	--	--	--	--		2.	<1.	840.
CRD8	07/19/97	1410	12.	4.3	0.2	1.9	--	--	--	27.	6.	32,000.
CRD8	08/06/97	1528	3.1	1.7	0.1	2.4	--	--	--	6.	2.	3,000.
GRD8	08/04/97	1600	0.8	2.3	0.4	4.5	--	--	--	51.	2.	85,000.
CRD9	10/16/96	1415	40.	16.	--	1.4	7.	<1.	200.	600.	--	170,000.
GRD7	07/09/96	1940	2.4	1.6	--	4.1	3.	--	89.	53.	3.	130,000.

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Iron, dissolved (µg/L as Fe)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Nickel, total (µg/L as Ni)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)
CRD7	08/21/96	1540	20.	440.	--	30,000.	1,700.	--	1,900.	<3.	276.
CRD7	08/21/96	1545	19.	350.	--	23,000.	1,500.	--	1,500.	8.	156.
CRD7	08/21/96	1555	16.	120.	--	6,600.	740.	--	570.	10.	274.
CRD7	08/21/96	1640	4.	29.	--	2,100.	780.	--	200.	23.	278.
CRD7	05/10/97	1645	150.	12.	--	680.	70.	--	90.	<3.	--
CRD7	05/14/97	1700	220.	13.	--	840.	51.	--	80.	<3.	--
CRD7	05/14/97	1701	90.	12.	--	770.	51.	--	80.	<3.	--
CRD7	05/18/97	1645	86.	8.	--	406.	27.	--	50.	<3.	--
CRD7	05/21/97	1726	160.	6.	--	290.	30.	--	40.	<3.	--
CRD7	05/21/97	1727	210.	7.	--	320.	31.	--	40.	<3.	--
CRD7	05/30/97	1313	70.	15.	--	700.	8.	--	80.	3.	--
CRD7	05/30/97	1314	40.	18.	--	910.	5.	--	100.	<3.	--
CRD7	07/28/97	1251	21.	74.	--	4,900.	680.	--	360.	<3.	--
CRD7	08/09/97	1350	130.	252.	--	13,000.	640.	--	1,000.	4.	--
GRD6	08/23/96	1235	110.	610.	--	24,000.	72.	--	2,200.	10.	58.
GRD6	08/23/96	1240	90.	490.	--	20,000.	49.	--	1,900.	<3.	52.
GRD6	08/23/96	1250	110.	340.	--	14,000.	32.	--	1,400.	4.	54.
GRD6	08/23/96	1305	75.	200.	--	7,300.	18.	--	980.	<3.	56.
GRD6	08/23/96	1335	65.	110.	--	4,500.	18.	--	670.	<3.	54.
GRD6	07/09/96	2323	--	110.	--	4,500.	--	--	670.	--	--
GRD6	07/09/96	2328	--	110.	--	4,900.	--	--	680.	--	--
GRD6	07/09/96	2338	--	110.	--	4,800.	--	--	670.	--	--
GRD6	09/12/96	1853	110.	78.	--	3,400.	24.	--	480.	<3.	28.
GRD6	05/08/96	1840	--	76.	--	2,600.	--	--	330.	--	--
GRD6	05/08/96	2015	--	9.	--	370.	--	--	60.	--	--
GRD6	05/10/97	1630	160.	42.	--	1,700.	4.	--	264.	<3.	--
GRD4	08/21/96	1611	25.	41.	<1.	510.	<1.	--	160.	16.	16.

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Iron, dissolved (µg/L as Fe)	Lead, total (µg/L as Pb)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Nickel, total (µg/L as Ni)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)
GRD4	08/21/96	1602	18.	45.	--	550.	<1.	--	160.	14.	16.
GRD4	08/21/96	1556	18.	53.	<1.	620.	<1.	--	200.	12.	16.
GRD4	08/21/96	1553	19.	59.	--	660.	<1.	--	250.	18.	18.
GRD4	07/29/97	2254	22.	2.	--	40.	4.	--	142.	100.	--
CRD8	07/19/97	1410	110.	145.	1.	1,200.	79.	--	343.	<3.	54.
CRD8	08/06/97	1528	55.	14.	--	44.	3.	--	45.	<3.	36.
GRD8	08/04/97	1600	17.	160.	--	2,700.	5.	--	434.	9.	74.
CRD9	10/16/96	1415	71.	1,200.	<1.	8,000.	300.	130.	2,200.	44.	150.
GRD7	07/09/96	1940	520.	240.	--	--	320.	67.	420.	9.	70.

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Dissolved solids, sum of constituents (mg/L)	Carbon, organic, total (mg/L as C)	Sampling method	Remarks
CRD7	08/21/96	1540	210.	--	P	
CRD7	08/21/96	1545	199.	--	P	
CRD7	08/21/96	1555	204.	--	P	
CRD7	08/21/96	1640	203.	--	P	
CRD7	05/10/97	1645	--	--	P	daily flow-weighted composite
CRD7	05/14/97	1700	--	--	D	culvert
CRD7	05/14/97	1701	--	10.	D	weir
CRD7	05/18/97	1645	--	--	P	daily flow-weighted composite
CRD7	05/21/97	1726	--	6.4	D	weir
CRD7	05/21/97	1727	--	--	D	culvert
CRD7	05/30/97	1313	--	--	D	weir
CRD7	05/30/97	1314	--	--	D	culvert
CRD7	07/28/97	1251	--	56.	D	culvert
CRD7	08/09/97	1350	--	--	P	event flow-weighted composite
GRD6	08/23/96	1235	61.	--	P	
GRD6	08/23/96	1240	52.	--	P	
GRD6	08/23/96	1250	50.	--	P	
GRD6	08/23/96	1305	52.	--	P	
GRD6	08/23/96	1335	49.	--	P	
GRD6	07/09/96	2323	--	--	P	
GRD6	07/09/96	2328	--	--	P	
GRD6	07/09/96	2338	--	--	P	
GRD6	09/12/96	1853	39.	--	P	
GRD6	05/08/96	1840	--	--	D	culvert
GRD6	05/08/96	2015	--	--	D	culvert
GRD6	05/10/97	1630	--	--	P	daily flow-weighted composite
GRD4	08/21/96	1611	11.	--	P	

Table 49. Water-quality data collected at road-runoff sites--Continued

[--, no sample; P, pumped by automated pumping sampler; D, manual grab sample]

Station number (fig. 2)	Date (mm.dd.yy)	Time (HHMM)	Dissolved solids, sum of constituents (mg/L)	Carbon, organic, total (mg/L as C)	Sampling method	Remarks
GRD4	08/21/96	1602	11.	--	P	
GRD4	08/21/96	1556	11.	--	P	
GRD4	08/21/96	1553	11.	--	P	
GRD4	07/29/97	2254	--	--	P	
CRD8	07/19/97	1410	39.	--	P	event flow-weighted composite
CRD8	08/06/97	1528	27.	5.6	D	culvert
GRD8	08/04/97	1600	65.	57.	D	culvert
CRD9	10/16/96	1415	123.	150.	D	culvert
GRD7	07/09/96	1940	41.	--	D	ditch

Table 50. Selected field-parameter data and suspended-sediment concentrations for samples collected by pumping sampler at road-runoff monitoring sites
[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Specific conduc-tance (µS/cm)	Turbidity, lab (NTU)	Sediment, suspended (mg/L)	Discharge, instan-taneous (ft^3/s)
CRD7	05/01/96	1601	277.	1,400.	679.	0.00025
CRD7	05/01/96	2001	342.	2,200.	761.	0.0038
CRD7	05/02/96	1601	196.	740.	307.	0.0014
CRD7	05/02/96	2001	139.	1,500.	610.	0.005
CRD7	05/03/96	1602	115.	600.	239.	0.0056
CRD7	05/03/96	2002	92.	840.	309.	0.014
CRD7	05/04/96	1602	85.	1,100.	429.	0.014
CRD7	05/04/96	2002	90.	870.	323.	0.022
CRD7	05/05/96	1602	71.	830.	409.	0.015
CRD7	05/05/96	2002	86.	540.	212.	0.022
CRD7	05/06/96	1602	55.	860.	258.	0.022
CRD7	05/06/96	2030	63.	1,600.	612.	0.022
CRD7	05/07/96	1230	78.	570.	283.	0.0078
CRD7	05/07/96	1630	48.	410.	213.	0.022
CRD7	05/07/96	1855	--	--	253.	0.022
CRD7	05/07/96	2030	51.	480.	231.	0.022
CRD7	05/08/96	1231	65.	620.	284.	0.0078
CRD7	05/08/96	1631	42.	970.	369.	0.014
CRD7	05/08/96	2015	--	--	282.	0.014
CRD7	05/08/96	2031	46.	380.	147.	0.014
CRD7	05/09/96	1231	42.	890.	345.	0.0084
CRD7	05/09/96	1631	36.	720.	275.	0.011
CRD7	05/09/96	2000	40.	330.	150.	0.014
CRD7	05/10/96	1600	35.	300.	129.	0.011
CRD7	05/10/96	2000	41.	270.	114.	0.011
CRD7	05/11/96	1200	40.	520.	219.	0.011
CRD7	05/11/96	1600	46.	900.	439.	0.011
CRD7	05/11/96	2000	44.	350.	158.	0.014
CRD7	05/12/96	1200	33.	420.	196.	0.014
CRD7	05/12/96	1600	41.	1,000.	1,110.	0.06
CRD7	05/12/96	2000	41.	220.	154.	0.022
CRD7	05/13/96	1200	29.	420.	350.	0.044
CRD7	05/13/96	1600	32.	390.	298.	0.044
CRD7	05/13/96	2000	36.	110.	58.	0.014
CRD7	05/14/96	1200	28.	380.	244.	0.032
CRD7	05/14/96	1600	27.	170.	77.	0.026
CRD7	05/14/96	2000	33.	81.	32.	0.0078
CRD7	05/15/96	1200	24.	320.	141.	0.032
CRD7	05/15/96	1600	24.	250.	94.	0.032
CRD7	05/15/96	2000	34.	89.	33.	0.011
CRD7	05/16/96	1200	24.	380.	162.	0.032
CRD7	05/16/96	1600	22.	230.	105.	0.026
CRD7	05/16/96	2000	34.	86.	32.	0.0078
CRD7	05/17/96	1200	25.	320.	134.	0.022
CRD7	05/17/96	1600	22.	200.	76.	0.017

Table 50. Selected field-parameter data and suspended-sediment concentrations for samples collected by pumping sampler at road-runoff monitoring sites
[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Specific conduc-tance (µS/cm)	Turbidity, lab (NTU)	Sediment, suspended (mg/L)	Discharge, instan-taneous (ft^3/s)
CRD7	05/20/96	2000	23.	220.	132.	0.00025
CRD7	05/21/96	1200	19.	820.	433.	0.022
CRD7	05/21/96	1600	21.	610.	270.	0.014
CRD7	05/21/96	2000	28.	280.	137.	0.0014
CRD7	05/22/96	1200	18.	1,100.	556.	0.022
CRD7	05/22/96	1600	21.	620.	322.	0.0078
CRD7	05/22/96	2000	34.	340.	157.	0.00025
CRD7	05/23/96	1200	41.	290.	159.	0.0068
CRD7	05/23/96	1600	20.	670.	306.	0.0038
CRD7	05/24/96	1600	21.	1,400.	615.	0.0038
CRD7	05/29/96	1600	32.	660.	300.	0.0014
CRD7	05/29/96	2000	26.	490.	246.	0.0024
CRD7	05/30/96	1200	20.	2,700.	1,768.	0.022
CRD7	05/30/96	1600	21.	2,550.	1,205.	0.0078
CRD7	05/31/96	1200	22.	1,250.	719.	0.0038
CRD7	06/05/96	1935	193.	12,300.	--	--
CRD7	06/05/96	2000	194.	11,500.	5,661.	--
CRD7	06/21/96	2126	351.	7,900.	4,175.	0.003
CRD7	06/21/96	2131	378.	8,000.	4,220.	0.014
CRD7	06/21/96	2136	386.	8,500.	4,405.	0.014
CRD7	06/21/96	2151	388.	8,900.	4,120.	0.005
CRD7	06/21/96	2206	390.	8,000.	3,617.	0.0013
CRD7	06/21/96	2236	386.	3,500.	1,815.	0.0002
CRD7	06/22/96	0706	321.	2,900.	1,757.	0.013
CRD7	06/22/96	0906	241.	5,250.	2,418.	0.0052
CRD7	08/21/96	1540	455.	53,300.	38,800.	0.014
CRD7	08/21/96	1545	453.	53,200.	29,942.	0.011
CRD7	08/21/96	1555	450.	17,300.	8,749.	0.0038
CRD7	08/21/96	1610	447.	5,000.	2,346.	0.0014
CRD7	08/21/96	1640	459.	3,100.	1,919.	0.0038
CRD7	08/23/96	1455	--	--	5,191.	0.0024
CRD7	08/27/96	1635	437.	33,600.	18,153.	0.038
CRD7	08/27/96	1640	443.	33,000.	19,700.	0.017
CRD7	08/27/96	1645	450.	30,000.	17,913.	0.0078
CRD7	08/27/96	1655	454.	19,200.	8,664.	0.0038
CRD7	08/27/96	1710	452.	5,150.	2,948.	0.0007
CRD7	09/06/96	1135	127.	7,980.	5,901.	0.032
CRD7	09/06/96	1140	114.	11,100.	7,713.	0.068
CRD7	09/06/96	1150	109.	8,800.	6,694.	0.078
CRD7	09/06/96	1205	89.	9,100.	5,018.	0.06
CRD7	09/06/96	1220	83.	15,200.	9,460.	0.088
CRD7	09/06/96	1250	92.	9,260.	4,844.	0.011
CRD7	09/06/96	1320	93.	6,040.	3,593.	0.0007
CRD7	09/12/96	1843	229.	6,990.	6,397.	0.0312
CRD7	09/12/96	1848	210.	10,600.	6,332.	0.052

Table 50. Selected field-parameter data and suspended-sediment concentrations for samples collected by pumping sampler at road-runoff monitoring sites
[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Specific conduc-tance (µS/cm)	Turbidity, lab (NTU)	Sediment, suspended (mg/L)	Discharge, instan-taneous (ft^3/s)
CRD7	09/12/96	1853	203.	10,300.	6,100.	0.052
CRD7	09/12/96	1903	182.	8,520.	4,223.	0.038
CRD7	09/12/96	1918	141.	5,300.	4,255.	0.06
CRD7	09/12/96	1933	128.	5,040.	3,577.	0.0284
CRD7	09/12/96	2003	129.	4,220.	2,236.	0.003
CRD7	09/14/96	2101	183.	5,070.	3,614.	0.0076
CRD7	09/14/96	2106	165.	7,620.	3,639.	0.0392
CRD7	09/14/96	2111	149.	5,950.	3,190.	0.0416
CRD7	09/14/96	2121	134.	6,300.	2,683.	0.0192
CRD7	09/14/96	2136	129.	5,130.	2,445.	0.0035
CRD7	09/14/96	2151	129.	4,850.	2,282.	0.0007
CRD7	05/09/97	1600	34.	640.	500.	0.011
CRD7	05/09/97	1800	37.	136.	110.	0.01
CRD7	05/10/97	1100	38.	2,490.	1,874.	0.0051
CRD7	05/10/97	1300	37.	4,930.	3,977.	0.014
CRD7	05/10/97	1500	40.	910.	737.	0.017
CRD7	05/10/97	1700	39.	391.	208.	0.014
CRD7	05/10/97	1900	47.	518.	278.	0.011
CRD7	05/11/97	1300	54.	3,100.	2,934.	0.023
CRD7	05/11/97	1600	51.	700.	520.	0.021
CRD7	05/12/97	1300	47.	310.	180.	0.0016
CRD7	05/12/97	1600	43.	320.	171.	0.0036
CRD7	05/13/97	1300	44.	4,600.	5,416.	0.039
CRD7	05/13/97	1600	40.	2,200.	1,563.	0.054
CRD7	05/14/97	1605	32.	1,700.	1,197.	0.057
CRD7	05/14/97	1700	30.	1,130.	973.	0.033
CRD7	05/14/97	1701	32.	1,190.	769.	0.0326
CRD7	05/16/97	1915	--	--	464.	0.025
CRD7	05/17/97	1200	20.	615.	406.	0.044
CRD7	05/17/97	1500	21.	617.	690.	0.067
CRD7	05/17/97	1800	23.	218.	140.	0.033
CRD7	05/18/97	1200	28.	881.	432.	0.041
CRD7	05/18/97	1400	30.	1,170.	964.	0.067
CRD7	05/18/97	1600	26.	483.	321.	0.041
CRD7	05/18/97	1800	25.	204.	139.	0.025
CRD7	05/18/97	2000	25.	116.	60.	0.011
CRD7	05/18/97	2200	24.	103.	48.	0.003
CRD7	05/19/97	1200	23.	509.	565.	0.041
CRD7	05/19/97	1500	17.	527.	336.	0.047
CRD7	05/19/97	1800	18.	165.	80.	0.014
CRD7	05/21/97	1726	23.	620.	316.	0.017
CRD7	05/21/97	1727	23.	650.	26.	0.017
CRD7	05/22/97	2400	24.	970.	33,300.	0.0006
CRD7	05/23/97	1600	24.	840.	425.	0.016
CRD7	05/24/97	1600	36.	1,010.	517.	0.017

Table 50. Selected field-parameter data and suspended-sediment concentrations for samples collected by pumping sampler at road-runoff monitoring sites

[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Specific conduc-tance (µS/cm)	Turbidity, lab (NTU)	Sediment, suspended (mg/L)	Discharge, instan-taneous (ft^3/s)
CRD7	05/25/97	1600	29.	747.	415.	0.0089
CRD7	05/28/97	2000	16.	733.	246.	0.016
CRD7	05/29/97	1000	16.	552.	224.	0.00003
CRD7	05/29/97	1500	100.	1,240.	2,858.	0.021
CRD7	05/29/97	2000	24.	1,460.	596.	0.0006
CRD7	05/30/97	1000	20.	760.	1,558.	0.0059
CRD7	05/30/97	1313	17.	1,950.	1,170.	0.0078
CRD7	05/30/97	1314	16.	1,820.	1,640.	0.01
CRD7	05/30/97	1500	16.	1,350.	615.	0.0051
CRD7	05/30/97	2000	15.	978.	278.	0.0002
CRD7	05/31/97	1000	15.	1,150.	2,344.	0.0051
CRD7	05/31/97	1500	25.	531.	1,157.	0.0051
CRD7	05/31/97	2000	29.	772.	337.	0.0002
CRD7	06/01/97	1000	17.	910.	463.	0.0016
CRD7	06/01/97	1500	30.	1,150.	678.	0.0016
CRD7	06/01/97	2000	33.	832.	357.	0.0016
CRD7	06/02/97	1000	34.	622.	231.	0.00003
CRD7	06/02/97	1500	30.	886.	392.	0.0016
CRD7	06/07/97	1000	81.	1,210.	1,746.	0.0009
CRD7	06/07/97	2000	145.	3,230.	1,819.	0.0016
CRD7	06/08/97	1500	171.	4,300.	2,105.	0.0025
CRD7	06/08/97	2000	87.	4,430.	2,646.	0.021
CRD7	06/11/97	0759	174.	1,010.	810.	0.0054
CRD7	06/11/97	0804	174.	1,210.	753.	0.0102
CRD7	06/11/97	0809	173.	1,100.	738.	0.0093
CRD7	06/11/97	0819	170.	1,370.	683.	0.008
CRD7	06/11/97	0834	163.	1,330.	663.	0.0025
CRD7	06/11/97	0849	160.	1,010.	636.	0.0013
CRD7	06/11/97	0919	160.	1,020.	597.	0.0002
CRD7	06/13/97	1059	135.	27,000.	31,000.	0.12
CRD7	06/13/97	1104	134.	17,000.	61,200.	0.09
CRD7	06/13/97	1119	108.	9,900.	32,900.	0.0024
CRD7	06/13/97	1134	97.	6,000.	15,100.	0.0001
CRD7	06/13/97	1204	139.	8,400.	15,900.	0.0001
CRD7	06/13/97	1234	136.	4,600.	7,860.	0.0001
CRD7	06/13/97	1334	135.	3,400.	6,520.	0.0001
CRD7	06/14/97	0125	128.	2,600.	1,150.	0.016
CRD7	06/14/97	0130	125.	2,200.	956.	0.019
CRD7	06/14/97	0135	124.	2,200.	1,040.	0.033
CRD7	06/14/97	0145	124.	2,200.	1,030.	0.036
CRD7	06/14/97	0200	124.	2,200.	966.	0.014
CRD7	06/14/97	0230	124.	2,200.	919.	0.002
CRD7	06/14/97	0330	124.	2,200.	999.	0.016
CRD7	07/26/97	1600	325.	86,400.	72,800.	0.122
CRD7	07/26/97	1605	752.	59,700.	53,500.	0.075

Table 50. Selected field-parameter data and suspended-sediment concentrations for samples collected by pumping sampler at road-runoff monitoring sites

[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Specific conduc-tance (µS/cm)	Turbidity, lab (NTU)	Sediment, suspended (mg/L)	Discharge, instan-taneous (ft^3/s)
CRD7	07/26/97	1610	968.	46,500.	24,400.	0.039
CRD7	07/26/97	1620	1140.	12,800.	18,400.	0.013
CRD7	07/26/97	1635	1180.	13,600.	9,160.	0.0036
CRD7	07/26/97	1705	1180.	2,020.	625.	0.0012
CRD7	07/26/97	1805	1180.	500.	191.	0.0006
CRD7	07/26/97	1905	1170.	240.	122.	0.0006
CRD7	07/27/97	1605	660.	4,750.	--	0.0059
CRD7	07/27/97	1905	330.	2,580.	1,070.	0.0012
CRD7	07/28/97	1250	454.	8,530.	3,850.	0.013
CRD7	07/28/97	1251	401.	11,100.	4,500.	0.012
CRD7	07/28/97	1410	214.	11,500.	10,500.	0.117
CRD7	07/28/97	1420	172.	26,500.	21,700.	0.079
CRD7	07/28/97	1715	74.	13,000.	10,400.	0.021
CRD7	07/28/97	1720	196.	15,500.	11,900.	0.067
CRD7	07/28/97	1725	165.	14,200.	12,200.	0.075
CRD7	07/28/97	1735	108.	22,700.	13,100.	0.097
CRD7	07/28/97	1750	117.	17,300.	6,280.	0.027
CRD7	07/28/97	1820	137.	12,200.	3,910.	0.0051
CRD7	07/28/97	1920	138.	6,180.	3,330.	0.0006
CRD7	07/31/97	1451	118.	4,330.	2,330.	0.0068
CRD7	07/31/97	1501	189.	9,850.	6,200.	0.0174
CRD7	07/31/97	1516	241.	10,600.	5,620.	0.0053
CRD7	07/31/97	1546	245.	9,760.	5,320.	0.0004
CRD7	07/31/97	1716	226.	6,300.	3,490.	0.0018
CRD7	07/31/97	2116	321.	2,430.	1,100.	0.0018
CRD7	08/03/97	1925	184.	866.	347.	0.079
CRD7	08/03/97	1940	184.	943.	392.	0.05
CRD7	08/03/97	2010	184.	1,020.	409.	0.031
CRD7	08/03/97	2040	186.	886.	426.	0.013
CRD7	08/03/97	2140	185.	1,820.	851.	0.0009
CRD7	08/09/97	1245	--	--	14,200.	0.011
CRD7	08/09/97	1250	--	--	22,300.	0.054
CRD7	08/09/97	1255	213.	24,200.	15,700.	0.031
CRD7	08/09/97	1305	264.	22,400.	12,700.	0.013
CRD7	08/09/97	1315	192.	35,000.	25,800.	0.088
CRD7	08/09/97	1330	226.	25,100.	13,200.	0.016
CRD7	08/09/97	1701	190.	15,100.	8,770.	0.0117
CRD7	08/09/97	1711	249.	17,900.	10,000.	0.0258
CRD7	08/09/97	1726	284.	15,000.	7,810.	0.0092
CRD7	08/09/97	1756	301.	13,600.	6,540.	0.0015
CRD7	08/09/97	1826	298.	10,700.	5,700.	0.0004
CRD7	08/09/97	1926	294.	7,050.	2,720.	0.0002
CRD7	08/09/97	2126	232.	6,670.	3,470.	0.0059
CRD7	08/09/97	2226	185.	6,180.	3,620.	0.0111
CRD7	08/09/97	2326	100.	8,870.	1,570.	0.013

Table 50. Selected field-parameter data and suspended-sediment concentrations for samples collected by pumping sampler at road-runoff monitoring sites
[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Specific conduc-tance (µS/cm)	Turbidity, lab (NTU)	Sediment, suspended (mg/L)	Discharge, instan-taneous (ft^3/s)
CRD7	08/10/97	0226	56.	3,400.	811.	0.0004
CRD7	08/10/97	0526	115.	1,040.	149.	0.027
CRD7	09/03/97	1759	253.	31,900.	37,300.	0.25
CRD7	09/03/97	1809	241.	32,400.	38,000.	0.413
CRD7	09/03/97	1824	217.	22,800.	27,500.	0.1354
CRD7	09/03/97	1854	200.	26,100.	18,300.	0.216
CRD7	09/03/97	1923	194.	14,100.	12,600.	0.0082
CRD7	09/19/97	2138	116.	12,100.	17,900.	0.1104
CRD7	09/19/97	2148	153.	10,640.	8,500.	0.0386
CRD7	09/19/97	2203	183.	8,820.	5,470.	0.0112
CRD7	09/19/97	2233	186.	8,300.	4,540.	0.0068
CRD7	09/20/97	0303	419.	1,410.	600.	0.013
CRD7	09/20/97	0403	450.	520.	270.	0.0093
CRD7	09/20/97	1903	354.	3,700.	2,100.	0.0068
CRD7	09/21/97	2203	169.	2,060.	6,980.	0.0434
GRD6	05/05/96	1650	61	7,800.	18,800.	0.15
GRD6	05/08/96	1840	22.	--	10,800.	0.09
GRD6	05/17/96	1703	28.	3,800.	3,240.	--
GRD6	06/12/96	1853	--	--	2,670.	--
GRD6	07/09/96	2333	--	--	3,960.	--
GRD6	08/23/96	1235	103.	32,000.	24,800.	0.088
GRD6	05/09/97	1500	32.	1,200.	2,280.	0.127
GRD6	05/09/97	1800	37.	3,800.	6,220.	0.013
GRD6	05/10/97	1200	38.	1,500.	1,460.	0.035
GRD6	05/10/97	1400	33.	1,800.	2,060.	0.004
GRD6	05/10/97	1600	34.	3,000.	4,050.	0.01
GRD6	05/10/97	1630	--	--	2,040.	0.013
GRD6	05/10/97	1800	34.	1,200.	2,410.	0.009
GRD6	05/10/97	2000	39.	350.	347.	0.004
GRD6	05/10/97	2200	48.	59.	42.	0.0003
GRD6	07/26/97	1624	197.	7,400.	4,490.	--
GRD6	07/26/97	1629	190.	7,100.	3,900.	--
GRD6	07/27/97	1354	217.	15,400.	7,730.	--
GRD6	07/27/97	1404	159.	10,300.	5,830.	--
GRD6	07/27/97	1419	133.	9,400.	4,700.	--
GRD6	07/27/97	1709	133.	6,700.	--	--
GRD6	07/28/97	1429	57.	7,200.	4,040.	--
GRD6	07/28/97	1459	45.	4,400.	2,300.	--
GRD6	07/28/97	1759	45.	3,000.	1,710.	--
GRD6	07/29/97	1120	63.	2,600.	2,410.	--
GRD6	07/29/97	1130	47.	2,400.	2,130.	--
GRD6	07/29/97	1140	40.	2,000.	1,820.	--
GRD6	08/07/97	1433	41.	3,200.	1,940.	--

Table 50. Selected field-parameter data and suspended-sediment concentrations for samples collected by pumping sampler at road-runoff monitoring sites

[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Specific conduc-tance (µS/cm)	Turbidity, lab (NTU)	Sediment, suspended (mg/L)	Discharge, instan-taneous (ft^3/s)
GRD6	08/07/97	1503	41.	2,700.	1,410.	--
GRD6	08/09/97	1802	80.	4,700.	2,130.	--
GRD6	08/09/97	2325	56.	1,400.	757.	--
GRD6	08/10/97	1225	35.	1,300.	1,140.	--
GRD6	08/10/97	1325	28.	1,120.	738.	--
GRD4	05/01/96	1540	10.	3.5	--	--
GRD4	05/03/96	1640	15.	10.	--	0.003
GRD4	08/21/96	1553	26.	407.	651.	0.008
GRD4	08/21/96	1556	25.	419.	532.	0.077
GRD4	08/21/96	1559	25.	398.	--	0.068
GRD4	08/21/96	1602	24.	380.	--	0.052
GRD4	08/21/96	1605	24.	363.	--	0.026
GRD4	08/21/96	1608	24.	371.	--	0.017
GRD4	08/21/96	1611	25.	344.	--	0.012
GRD4	07/29/97	2249	12.	40.	48.	--
GRD4	07/29/97	2254	11.	28.	35.	--
GRD4	07/29/97	2304	10.	14.	17.	--
CRD8	07/19/97	1252	54.	2,500.	2,150.	0.041
CRD8	07/19/97	1302	40.	820.	1,900.	0.044
CRD8	07/19/97	1317	90.	1,400.	1,200.	0.029
CRD8	07/19/97	1332	93.	830.	--	0.008
CRD8	07/19/97	1402	93.	610.	485.	0.002
CRD8	07/19/97	1410	--	--	1,190.	0.002
CRD8	07/19/97	1432	92.	740.	412.	0.002
CRD8	07/27/97	1405	62.	320.	341.	0.009
CRD8	07/27/97	1410	55.	340.	336.	0.017
CRD8	07/27/97	1420	49.	290.	259.	0.011
CRD8	07/27/97	1435	50.	280.	219.	0.003
CRD8	07/27/97	1450	50.	260.	179.	0.001
CRD8	07/27/97	1520	48.	240.	156.	0.0006
CRD8	07/27/97	1550	50.	210.	141.	0.0004
CRD8	07/27/97	1620	49.	190.	133.	0.0004
CRD8	07/27/97	1650	49.	190.	130.	0.0003
CRD8	07/27/97	1720	98.	220.	151.	0.01
CRD8	07/27/97	1820	123.	200.	135.	0.001
CRD8	07/27/97	1920	124.	190.	128.	0.0006
CRD8	07/28/97	1450	59.	216.	223.	0.013
CRD8	07/28/97	1455	55.	232.	285.	0.016
CRD8	07/28/97	1505	109.	305.	287.	0.016
CRD8	07/28/97	1520	122.	259.	208.	0.004
CRD8	07/28/97	1535	124.	228.	170.	0.002
CRD8	07/28/97	1605	125.	231.	156.	0.0004

Table 50. Selected field-parameter data and suspended-sediment concentrations for samples collected by pumping sampler at road-runoff monitoring sites
[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Specific conduc-tance (µS/cm)	Turbidity, lab (NTU)	Sediment, suspended (mg/L)	Discharge, instan-taneous (ft^3/s)
CRD8	07/28/97	1635	125.	212.	147.	0.0003
CRD8	07/28/97	1705	124.	210.	141.	0.0003
CRD8	07/28/97	1735	63.	538.	1,240.	0.053
CRD8	07/28/97	1805	62.	760.	786.	0.031
CRD8	07/28/97	1905	69.	460.	292.	0.007
CRD8	07/28/97	2005	69.	350.	218.	0.004
CRD8	07/29/97	1440	26.	1,500.	2,660.	0.097
CRD8	07/29/97	1445	62.	4,300.	7,020.	0.117
CRD8	07/29/97	1455	68.	2,400.	2,400.	0.041
CRD8	07/29/97	1510	64.	1,300.	972.	0.01
CRD8	07/29/97	1525	70.	910.	589.	0.006
CRD8	07/29/97	1555	72.	910.	475.	0.002
CRD8	07/29/97	1625	72.	830.	406.	0.0009
CRD8	07/29/97	1655	71.	810.	376.	0.0006
CRD8	07/29/97	1725	71.	770.	352.	0.0004
CRD8	07/29/97	1755	72.	790.	353.	0.0003
CRD8	07/29/97	1855	86.	1,000.	861.	0.009
CRD8	07/29/97	1955	93.	570.	374.	0.0009
CRD8	08/06/97	1528	--	--	34.	0.005
CRD8	09/01/97	1839	31.	460.	631.	0.023
CRD8	09/01/97	1849	35.	760.	1,350.	0.05
CRD8	09/01/97	1904	44.	820.	820.	0.013
CRD8	09/01/97	1934	47.	660.	395.	0.001
CRD8	09/01/97	2004	47.	620.	336.	0.0002

Table 51. Selected discharge, specific conductance, and computed dissolved solids concentrations for samples collected by pumping sampler at CRD7, water years 1996-97

[Dissolved solids computed from log-linear regression relation of specific conductance (SC) with dissolved solids sum of constituents (DS): $DS = (0.8859)SC^{(0.8991)}$, developed from road-runoff data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Discharge (ft^3/s)	Specific conductance ($\mu S/cm$)	Computed dissolved solids, sum of constituents (mg/L)
CRD7	05/01/96	1601	0.00025	277.	139.
CRD7	05/01/96	2001	0.0038	342.	168.
CRD7	05/02/96	1601	0.0014	196.	102.
CRD7	05/02/96	2001	0.005	139.	75.
CRD7	05/03/96	1602	0.0056	115.	63.
CRD7	05/03/96	2002	0.014	92.	52.
CRD7	05/04/96	1602	0.014	85.	48.
CRD7	05/04/96	2002	0.022	90.	51.
CRD7	05/05/96	1602	0.015	71.	41.
CRD7	05/05/96	2002	0.022	86.	49.
CRD7	05/06/96	1602	0.022	86.	33.
CRD7	05/06/96	2030	0.022	63.	37.
CRD7	05/07/96	1230	0.0078	78.	45.
CRD7	05/07/96	1630	0.022	48.	29.
CRD7	05/07/96	1855	0.022	--	--
CRD7	05/07/96	2030	0.022	51.	30.
CRD7	05/08/96	1231	0.0078	65.	38.
CRD7	05/08/96	1631	0.014	42.	26.
CRD7	05/08/96	2015	0.014	--	--
CRD7	05/08/96	2031	0.014	46.	28.
CRD7	05/09/96	1231	0.0084	42.	26.
CRD7	05/09/96	1631	0.011	36.	22.
CRD7	05/09/96	2000	0.014	40.	24.
CRD7	05/10/96	1600	0.011	35.	22.
CRD7	05/10/96	2000	0.011	41.	25.
CRD7	05/11/96	1200	0.011	40.	24.
CRD7	05/11/96	1600	0.011	46.	28.
CRD7	05/11/96	2000	0.014	44.	27.
CRD7	05/12/96	1200	0.014	33.	21.
CRD7	05/12/96	1600	0.060	41.	25.
CRD7	05/12/96	2000	0.022	41.	25.
CRD7	05/13/96	1200	0.044	29.	18.
CRD7	05/13/96	1600	0.044	32.	20.
CRD7	05/13/96	2000	0.014	36.	22.
CRD7	05/14/96	1200	0.032	28.	18.
CRD7	05/14/96	1600	0.026	27.	17.
CRD7	05/14/96	2000	0.0078	33.	21.
CRD7	05/15/96	1200	0.032	24.	15.
CRD7	05/15/96	1600	0.032	24.	15.
CRD7	05/15/96	2000	0.011	34.	21.
CRD7	05/16/96	1200	0.032	24.	15.
CRD7	05/16/96	1600	0.026	22.	14.
CRD7	05/16/96	2000	0.0078	34.	21.
CRD7	05/17/96	1200	0.022	25.	16.
CRD7	05/17/96	1600	0.017	22.	14.
CRD7	05/20/96	2000	0.00025	23.	15.
CRD7	05/21/96	1200	0.022	19.	13.
CRD7	05/21/96	1600	0.014	21.	14.
CRD7	05/21/96	2000	0.0014	28.	18.
CRD7	05/22/96	1200	0.022	18.	12.
CRD7	05/22/96	1600	0.0078	21.	14.

Table 51. Selected discharge, specific conductance, and computed dissolved solids concentrations for samples collected by pumping sampler at CRD7, water years 1996-97

[dissolved solids computed from log-linear regression relation of specific conductance (SC) with dissolved solids sum of constituents (DS), DS = (.8859)$SC^{(.8991)}$, developed from road-runoff samples]

Site (fig.2)	Date (mm/dd/yy)	Time (HHMM)	Discharge (ft^3/s)	Specific Conductance ($\mu S/cm$)	Computed dissolved solids, sum of constituents (mg/L)
CRD7	05/22/96	2000	0.00025	34.	21.
CRD7	05/23/96	1200	0.0068	41.	25.
CRD7	05/23/96	1600	0.0038	20.	13.
CRD7	05/24/96	1600	0.0038	21.	14.
CRD7	05/29/96	1600	0.0014	32.	20.
CRD7	05/29/96	2000	0.0024	26.	17.
CRD7	05/30/96	1200	0.022	20.	13.
CRD7	05/30/96	1600	0.0078	21.	14.
CRD7	05/31/96	1200	0.0038	22.	14.
CRD7	06/05/96	1935	--	193.	101.
CRD7	06/05/96	2000	--	194.	101.
CRD7	06/21/96	2126	0.003	351.	172.
CRD7	06/21/96	2131	0.014	378.	184.
CRD7	06/21/96	2136	0.014	386.	187.
CRD7	06/21/96	2151	0.005	388.	188.
CRD7	06/21/96	2206	0.0013	390.	189.
CRD7	06/21/96	2236	0.0002	386.	187.
CRD7	06/22/96	0706	0.013	321.	159.
CRD7	06/22/96	0906	0.0052	241.	123.
CRD7	08/21/96	1540	0.014	455.	217.
CRD7	08/21/96	1545	0.011	453.	217.
CRD7	08/21/96	1555	0.0038	450.	215.
CRD7	08/21/96	1610	0.0014	447.	214.
CRD7	08/21/96	1640	0.0038	459.	219.
CRD7	08/23/96	1455	0.0024	--	--
CRD7	08/23/96	1635	0.038	437.	210.
CRD7	08/23/96	1640	0.017	443.	212.
CRD7	08/23/96	1645	0.0078	450.	215.
CRD7	08/23/96	1655	0.0038	454.	217.
CRD7	08/23/96	1710	0.0007	452.	216.
CRD7	09/06/96	1135	0.032	127.	69.
CRD7	09/06/96	1140	0.068	114.	63.
CRD7	09/06/96	1150	0.078	109.	60.
CRD7	09/06/96	1205	0.060	89.	50.
CRD7	09/06/96	1220	0.088	83.	47.
CRD7	09/06/96	1250	0.011	92.	52.
CRD7	09/06/96	1320	0.0007	93.	52.
CRD7	09/12/96	1843	0.0312	229.	117.
CRD7	09/12/96	1848	0.052	210.	108.
CRD7	09/12/96	1853	0.052	203.	105.
CRD7	09/12/96	1903	0.038	182.	95.
CRD7	09/12/96	1918	0.060	141.	76.
CRD7	09/12/96	1933	0.0284	128.	69.
CRD7	09/12/96	2003	0.003	129.	70.
CRD7	09/14/96	2101	0.0076	183.	96.
CRD7	09/14/96	2106	0.0392	165.	87.
CRD7	09/14/96	2111	0.0416	149.	80.
CRD7	09/14/96	2121	0.0192	134.	72.
CRD7	09/14/96	2136	0.0035	129.	70.
CRD7	09/14/96	2151	0.0007	129.	70.
CRD7	05/09/97	1600	0.011	34.	21.

Table 51. Selected discharge, specific conductance, and computed dissolved solids concentrations for samples collected by pumping sampler at CRD7, water years 1996-97

[dissolved solids computed from log-linear regression relation of specific conductance (SC) with dissolved solids sum of constituents (DS), DS = (.8859)SC $^{(.8991)}$, developed from road-runoff samples]

Site (fig.2)	Date (mm/dd/yy)	Time (HHMM)	Discharge (ft^3/s)	Specific Conductance ($\mu S/cm$)	Computed dissolved solids, sum of constituents (mg/L)
CRD7	05/09/97	1800	0.010	37.	23.
CRD7	05/10/97	1100	0.0051	38.	23.
CRD7	05/10/97	1300	0.014	37.	23.
CRD7	05/10/97	1500	0.017	40.	24.
CRD7	05/10/97	1700	0.014	39.	24.
CRD7	05/10/97	1900	0.011	47.	28.
CRD7	05/11/97	1300	0.023	54.	32.
CRD7	05/11/97	1600	0.021	51.	30.
CRD7	05/12/97	1300	0.0016	47.	28.
CRD7	05/12/97	1600	0.0036	43.	26.
CRD7	05/13/97	1300	0.039	44.	27.
CRD7	05/13/97	1600	0.054	40.	24.
CRD7	05/14/97	1605	0.057	32.	20.
CRD7	05/14/97	1700	0.033	30.	19.
CRD7	05/14/97	1701	0.0326	32.	20.
CRD7	05/16/97	1915	0.025	--	--
CRD7	05/17/97	1200	0.044	20.	13.
CRD7	05/17/97	1500	0.067	21.	14.
CRD7	05/17/97	1800	0.033	23.	15.
CRD7	05/18/97	1200	0.041	28.	18.
CRD7	05/18/97	1400	0.067	30.	19.
CRD7	05/18/97	1600	0.041	26.	17.
CRD7	05/18/97	1800	0.025	25.	16.
CRD7	05/18/97	2000	0.011	25.	16.
CRD7	05/18/97	2200	0.003	24.	15.
CRD7	05/19/97	1200	0.041	23.	15.
CRD7	05/19/97	1500	0.047	17.	11.
CRD7	05/19/97	1800	0.014	18.	12.
CRD7	05/21/97	1726	0.017	23.	15.
CRD7	05/21/97	1727	0.017	23.	15.
CRD7	05/23/97	1600	0.016	24.	15.
CRD7	05/24/97	1600	0.017	36.	22.
CRD7	05/25/97	1600	0.0089	29.	18.
CRD7	05/28/97	2000	0.016	16.	11.
CRD7	05/29/97	1000	0.00003	16.	11.
CRD7	05/29/97	1500	0.021	100.	56.
CRD7	05/29/97	2000	0.0006	23.	15.
CRD7	05/30/97	1000	0.0059	20.	13.
CRD7	05/30/97	1313	0.0078	17.	11.
CRD7	05/30/97	1314	0.010	16.	11.
CRD7	05/30/97	1500	0.0051	16.	11.
CRD7	05/30/97	2000	0.0002	15.	10.
CRD7	05/31/97	1000	0.0051	15.	10.
CRD7	05/31/97	1500	0.0051	25.	16.
CRD7	05/31/97	2000	0.0002	29.	18.
CRD7	06/01/97	1000	0.0016	17.	11.
CRD7	06/01/97	1500	0.0016	30.	19.
CRD7	06/01/97	2000	0.0016	33.	21.
CRD7	06/02/97	1000	0.00003	34.	21.
CRD7	06/02/97	1500	0.0016	30.	19.
CRD7	06/07/97	1000	0.0009	81.	46.

Table 51. Selected discharge, specific conductance, and computed dissolved solids concentrations for samples collected by pumping sampler at CRD7, water years 1996-97

[dissolved solids computed from log-linear regression relation of specific conductance (SC) with dissolved solids sum of constituents (DS), DS = (.8859)SC $^{(.8991)}$, developed from road-runoff samples]

Site (fig.2)	Date (mm/dd/yy)	Time (HHMM)	Discharge (ft^3/s)	Specific Conductance ($\mu S/cm$)	Computed dissolved solids, sum of constituents (mg/L)
CRD7	06/07/97	2000	0.0016	145.	78.
CRD7	06/08/97	1500	0.0025	171.	90.
CRD7	06/08/97	2000	0.021	87.	49.
CRD7	06/11/97	0759	0.0054	174.	92.
CRD7	06/11/97	0804	0.0102	174.	92.
CRD7	06/11/97	0809	0.0093	173.	91.
CRD7	06/11/97	0819	0.008	170.	90.
CRD7	06/11/97	0834	0.0025	163.	86.
CRD7	06/11/97	0849	0.0013	160.	85.
CRD7	06/11/97	0919	0.0002	160.	85.
CRD7	06/13/97	1059	0.120	135.	73.
CRD7	06/13/97	1104	0.090	134.	72.
CRD7	06/13/97	1119	0.0024	108.	60.
CRD7	06/13/97	1134	0.0001	97.	54.
CRD7	06/13/97	1204	0.0001	139.	75.
CRD7	06/13/97	1234	0.0001	136.	73.
CRD7	06/13/97	1334	0.0001	135.	73.
CRD7	06/14/97	0125	0.016	128.	69.
CRD7	06/14/97	0130	0.019	125.	68.
CRD7	06/14/97	0135	0.033	124.	68.
CRD7	06/14/97	0145	0.036	124.	68.
CRD7	06/14/97	0200	0.014	124.	68.
CRD7	06/14/97	0230	0.002	124.	68.
CRD7	06/14/97	0330	0.016	125.	68.
CRD7	07/26/97	1600	0.122	325.	161.
CRD7	07/26/97	1605	0.075	752.	342.
CRD7	07/26/97	1610	0.039	968.	429.
CRD7	07/26/97	1620	0.013	1,140.	496.
CRD7	07/26/97	1635	0.0036	1,180.	512.
CRD7	07/26/97	1705	0.0012	1,180.	512.
CRD7	07/26/97	1805	0.0006	1,180.	512.
CRD7	07/26/97	1905	0.0006	1,170.	508.
CRD7	07/27/97	1605	0.0059	660.	304.
CRD7	07/27/97	1905	0.0012	330.	163.
CRD7	07/28/97	1250	0.013	454.	217.
CRD7	07/28/97	1251	0.012	401.	194.
CRD7	07/28/97	1410	0.117	214.	110.
CRD7	07/28/97	1420	0.079	172.	91.
CRD7	07/28/97	1715	0.021	74.	42.
CRD7	07/28/97	1720	0.067	196.	102.
CRD7	07/28/97	1725	0.075	165.	87.
CRD7	07/28/97	1735	0.097	108.	60.
CRD7	07/28/97	1750	0.027	117.	64.
CRD7	07/28/97	1820	0.0051	137.	74.
CRD7	07/28/97	1920	0.0006	138.	74.
CRD7	07/31/97	1451	0.0068	118.	65.
CRD7	07/31/97	1501	0.0174	189.	99.
CRD7	07/31/97	1516	0.0053	241.	123.
CRD7	07/31/97	1546	0.0004	245.	125.
CRD7	07/31/97	1716	0.0018	226.	116.
CRD7	07/31/97	2116	0.0018	321.	159.

Table 51. Selected discharge, specific conductance, and computed dissolved solids concentrations for samples collected by pumping sampler at CRD7, water years 1996-97

[dissolved solids computed from log-linear regression relation of specific conductance (SC) with dissolved solids sum of constituents (DS), DS = (.8859)SC $^{(.8991)}$, developed from road-runoff samples]

Site (fig.2)	Date (mm/dd/yy)	Time (HHMM)	Discharge (ft^3/s)	Specific Conductance (µS/cm)	Computed dissolved solids, sum of constituents (mg/L)
CRD7	08/03/97	1925	0.079	184.	96.
CRD7	08/03/97	1940	0.050	184.	96.
CRD7	08/03/97	2010	0.031	184.	96.
CRD7	08/03/97	2040	0.013	186.	97.
CRD7	08/03/97	2140	0.0009	185.	97.
CRD7	08/09/97	1245	0.011	--	--
CRD7	08/09/97	1250	0.054	--	--
CRD7	08/09/97	1255	0.031	213.	110.
CRD7	08/09/97	1305	0.013	264.	133.
CRD7	08/09/97	1315	0.088	192.	100.
CRD7	08/09/97	1330	0.016	226.	116.
CRD7	08/09/97	1701	0.0117	190.	99.
CRD7	08/09/97	1711	0.0258	249.	126.
CRD7	08/09/97	1726	0.0092	284.	142.
CRD7	08/09/97	1756	0.0015	301.	150.
CRD7	08/09/97	1826	0.0004	298.	149.
CRD7	08/09/97	1926	0.0002	294.	147.
CRD7	08/09/97	2126	0.0059	232.	119.
CRD7	08/09/97	2226	0.0111	185.	97.
CRD7	08/09/97	2326	0.013	100.	56.
CRD7	08/10/97	0226	0.0004	56.	33.
CRD7	08/10/97	0526	0.027	115.	63.
CRD7	09/03/97	1759	0.250	253.	128.
CRD7	09/03/97	1809	0.413	241.	123.
CRD7	09/03/97	1824	0.1354	217.	112.
CRD7	09/03/97	1854	0.216	200.	104.
CRD7	09/03/97	1923	0.0082	194.	101.
CRD7	09/19/97	2138	0.1104	116.	64.
CRD7	09/19/97	2148	0.0386	153.	82.
CRD7	09/19/97	2203	0.0112	183.	96.
CRD7	09/19/97	2233	0.0068	186.	97.
CRD7	09/20/97	0303	0.013	419.	202.
CRD7	09/20/97	0403	0.0093	450.	215.
CRD7	09/20/97	1903	0.0068	354.	173.
CRD7	09/21/97	2203	0.0434	169.	89.

Table 52. Particle-size data collected at road-runoff sites

[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Suspended-sediment concentration (mg/L)	Percentage finer than size, in millimeters														[1] Sample type
				256	64	8	4	2	1	0.5	0.25	0.125	0.062	0.031	0.016	0.008	0.004	0.002	
CRD7	5/1/96	2001	761.	--	--	--	--	--	--	--	--	--	100.	--	--	--	--	--	P
CRD7	5/3/96	1115	69.	--	--	--	--	--	--	--	--	--	96.	--	--	--	--	--	D
CRD7	5/6/96	1935	5,870.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.	96.	92.	74.	54.	P
CRD7	5/7/96	1855	253.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.	98.	96.	95.	87.	D
CRD7	5/8/96	2015	282.	--	--	--	--	--	--	--	--	--	100.	--	--	--	--	--	D
CRD7	5/12/96	1600	1,110.	--	--	--	--	--	--	--	--	--	78.	--	--	--	--	--	P
CRD7	6/15/96	1438	5,660.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.	97.	93.	86.	75.	61.	P
CRD7	6/21/96	2131	4,220.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.	97.	94.	86.	73.	57.	P
CRD7	8/21/96	1540	38,800.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	85.	66.	59.	46.	P
CRD7	8/27/96	1640	19,700.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.	88.	77.	68.	48.	P
CRD7	9/12/96	1853	6,100.	--	--	--	--	--	--	--	--	--	99.	--	--	--	--	--	P
CRD7	5/14/97	1700	973.	--	--	--	--	--	--	--	--	--	91.	--	--	--	--	--	D
CRD7	5/14/97	1701	769.	--	--	--	--	--	--	--	--	--	99.	--	--	--	--	--	P
CRD7	5/18/97	1645	480.	--	--	--	--	--	--	--	--	--	98.	--	--	--	--	--	DM
CRD7	5/21/97	1727	26.	--	--	--	--	--	--	--	--	--	63.	--	--	--	--	--	D
CRD7	5/30/97	1313	1,170.	--	--	--	--	--	--	--	--	--	100.	--	--	--	--	--	P
CRD7	5/30/97	1314	1,640.	--	--	--	--	--	--	--	--	--	87.	--	--	--	--	--	D
CRD7	7/28/97	2315	6,610.	100.	100.	100.	100.	100.	100.	100.	100.	100.	98.	94.	84.	75.	65.	50.	EM
CRD7	7/28/97	1251	4,500.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	97.	98.	97.	93.	79.	D
CRD7	8/9/97	1350	17,300.	100.	100.	100.	100.	100.	100.	100.	100.	100.	99.	97.	87.	74.	59.	45.	EM
CRD7	9/3/97	1809	38,000.	100.	100.	100.	100.	100.	96.	93.	87.	81.	72.	--	--	--	--	--	P
CRD7	9/3/97	1824	27,500.	100.	100.	100.	100.	96.	88.	83.	78.	73.	67.	--	--	--	--	--	P
CRD7	9/3/97	1923	12,600.	100.	100.	100.	98.	94.	86.	81.	77.	76.	74.	--	--	--	--	--	P
GRD6	5/5/96	1650	18,800.	--	--	--	--	--	--	--	--	--	39.	--	--	--	--	--	D
GRD6	5/8/96	1840	10,800.	--	--	--	--	--	--	--	--	--	24.	19.	14.	10.	9.	6.	D
GRD6	5/17/96	1703	3,240.	--	--	--	--	--	--	--	--	--	94.	83.	66.	48.	36.	25.	P
GRD6	6/12/96	1853	2,670.	--	--	--	--	--	--	--	--	--	98.	--	--	--	--	--	P

Table 52. Particle-size data collected at road-runoff sites--Continued

[--, no data]

Site (fig. 2)	Date (mm/dd/yy)	Time (HHMM)	Suspended-sediment concentration (mg/L)	Percentage finer than size, in millimeters														[1] Sample type
				256	64	8	4	2	1	0.5	0.25	0.125	0.062	0.031	0.016	0.008	0.004	0.002	
GRD6	7/9/96	2333	3,960.	--	--	--	--	--	--	--	--	--	100.	96.	92.	78.	64.	41.	P
GRD6	8/23/96	1235	24,800.	--	--	--	--	--	--	--	--	--	100.	93.	76.	56.	47.	33.	P
GRD6	5/10/97	1630	2,040.	--	--	--	--	--	--	--	--	--	97.	--	--	--	--	--	DM
CRD8	7/19/97	1252	2,150.	--	--	--	--	--	--	--	--	--	99.	--	--	--	--	--	P
CRD8	7/19/97	1302	1,900.	--	--	--	--	--	--	100.	93.	85.	77.	--	--	--	--	--	P
CRD8	7/19/97	1410	1,190.	--	--	--	--	--	--	--	100.	99.	98.	--	--	--	--	--	EM
CRD8	8/6/97	1528	34.	--	--	--	--	--	--	--	--	--	95.	--	--	--	--	--	D
CRD8	9/19/97	1332	653.	--	--	--	--	--	--	--	--	--	99.	--	--	--	--	--	P
GRD4	8/21/96	1553	651.	--	--	--	--	--	--	--	--	--	98.	--	--	--	--	--	P
GRD4	8/21/96	1556	532.	--	--	--	--	--	--	--	--	--	98.	--	--	--	--	--	P
CRD9	8/4/97	1600	3,360.	100.	100.	100.	100.	100.	98.	94.	78.	71.	70.	69.	68.	65.	64.	59.	D

[1] P, sample collected by automatic pumping sampler.
D, sample collected by dip method at end of culvert or in centroid of ditch flow.
DM, flow-weighted daily flow composite sample collected by automatic pumping sampler.
EM, flow-weighted storm-event composite sample collected by automatic pumping sampler.

Table 53. Bulk-sediment density and weight data for sediment trapped in culvert boxes

[--, no data; g/cm^3, grams per cubic centimeter; Mg, megagram]

Site (fig. 2)	Removal date (mm/dd/yy)	Time (HHMM)	Sediment volume (liters)	Bulk density (g/cm^3)	Sediment weight (g)
		Water Year 1996			
CRD7	05/25/96	1615	139.	1.25	173,750.
CRD7	06/03/96	1835	9.	1.25	11,250.
CRD7	06/10/96	1625	2.	[1] --	2,460.
CRD7	06/17/96	1700	9.	1.22	10,980.
CRD7	06/24/96	1830	4.	1.24	4,960.
CRD7	08/24/96	1515	18.	1.36	24,480.
CRD7	09/07/96	1115	8.	[1] --	9,840.
CRD7	09/13/96	1620	4.	1.25	5,000.
CRD7	09/17/96	1210	3.	[1] --	3,690.
CRD7	09/25/96	1100	6.	1.05	6,300.
			Total sediment (g)		253,000.
			Total sediment (Mg)		0.25
			Total sediment (tons)		0.23
		Water Year 1997			
CRD7	05/14/97	1400	220.	1.71	376,200.
CRD7	05/16/97	1930	75.	[2] --	111,000.
CRD7	05/21/97	1400	56.	1.20	67,200.
CRD7	05/26/97	1555	34.	1.51	51,340.
CRD7	05/30/97	1315	12.	1.60	19,200.
CRD7	06/02/97	1530	5.	1.51	7,550.
CRD7	06/09/97	1730	168.	1.42	238,560.
CRD7	06/11/97	1530	2.	1.73	3,460.
CRD7	06/13/97	1400	96.	1.51	144,960.
CRD7	06/16/97	1505	4.	1.58	6,320.
CRD7	07/28/97	1420	20.	1.49	29,800.
CRD7	07/28/97	1605	32.	1.51	48,320.
CRD7	07/29/97	1430	24.	[2] --	35,520.
CRD7	07/30/97	1405	93.	1.40	130,200.
CRD7	08/01/97	1600	21.	1.35	28,350.
CRD7	08/04/97	1700	57.	1.35	76,950.
CRD7	08/06/97	1435	3.	1.45	4,350.
CRD7	08/09/97	1215	7.	1.44	10,080.
CRD7	08/09/97	1545	29.	1.40	40,600.
CRD7	08/11/97	1600	223.	1.49	332,270.
CRD7	09/04/97	1415	218.	1.53	333,540.
CRD7	09/23/97	1345	238.	1.35	321,300.
			Total sediment (g)		2,420,000.
			Total sediment (Mg)		2.42
			Total sediment (tons)		2.19

Table 53. Bulk-sediment density and weight data for sediment trapped in culvert boxes--continued

[--, no data; g/cm^3, grams per cubic centimeter; Mg, megagram]

Site (fig. 2)	Removal date (mm/dd/yy)	Time (HHMM)	Sediment volume (liters)	Bulk density (g/cm^3)	Sediment weight (g)
		Water Year 1996			
GRD6	05/25/96	1715	167.	1.31	218,770.
GRD6	07/15/96	2000	0.25	[3] --	340.
GRD6	08/24/96	1430	4.	1.51	6,040.
GRD6	08/28/96	1530	10.	0.90	9,000.
GRD6	09/07/96	1230	5.	[3] --	6,800.
GRD6	09/13/96	1445	3.	[3] --	4,080.
			Total sediment (g)		245,000.
			Total sediment (Mg)		0.25
			Total sediment (tons)		0.22
		Water Year 1997			
GRD6	05/09/97	1500	424.	[4] --	640,240.
GRD6	05/10/97	1200	198.	[4] --	298,980.
GRD6	05/13/97	1530	142.	1.40	198,800.
GRD6	07/21/97	1715	10.	[4] --	15,100.
GRD6	07/29/97	1500	23.	1.53	35,190.
GRD6	08/14/97	1430	72.	1.53	110,160.
			Total sediment (g)		1,300,000.
			Total sediment (Mg)		1.30
			Total sediment (tons)		1.18
		Water Year 1997			
CRD8	07/21/97	1630	19.	1.47	27,980.
CRD8	07/28/97	1159	2.	1.51	3,020.
CRD8	07/29/97	1335	24.	1.51	36,220.
CRD8	08/01/97	1646	87.	[5] --	132,240.
CRD8	08/04/97	1835	53.	1.56	82,870.
CRD8	08/14/97	1100	21.	[5] --	31,920.
CRD8	08/29/97	1615	152.	[5] --	231,040.
CRD8	09/02/97	1336	3.	[5] --	4,560.
CRD8	10/17/97	1220	408.	1.54	630,540.
			Total sediment (g)		1,180,000.
			Total sediment (Mg)		1.18
			Total sediment (tons)		1.07

[1] Density not measured for this volume of sediment; average density of 1.23 g/cm^3 was used.

[2] Density not measured for this volume of sediment; average density of 1.48 g/cm^3 was used.

[3] Density not measured for this volume of sediment; average density of 1.36 g/cm^3 was used.

[4] Density not measured for this volume of sediment; average density of 1.51 g/cm^3 was used.

[5] Density not measured for this volume of sediment; average density of 1.52 g/cm^3 was used.

Table 54. Water-quality data collected at ground-water sampling sites

[--, no data]

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Water Temperature, field (degrees Celsius)	Turbidity, field (NTU)	Specific conductance (µS/cm at 25 degrees Celsius)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)	Nitrogen, ammonia plus organic, dissolved (mg/L as N)	Nitrogen, nitrite, dissolved (mg/L as N)	Nitrogen, nitrite plus nitrate dissolved (mg/L as N)	Phosphorus, total (mg/L as P)
GW5	1996.08.12	1630	--	--	374.	8.0	<0.002	--	<0.2	<0.001	0.083	--
GW5	1997.09.02	1230	3.6	0.3	373.	7.8	<0.002	<0.2	--	--	0.096	<0.001
GW9	1996.07.08	1600	--	0.2	121.	7.4	<0.002	--	<0.2	--	0.094	--
GW9	1997.09.02	1600	--	0.4	112.	7.4	--	--	--	--	--	--
GW10	1996.08.05	1830	8.6	--	249.	7.8	0.02	<0.2	<0.2	<0.01	0.06	0.02
GW11	1996.08.14	1530	--	--	46.	7.3	<0.002	--	<0.2	<0.001	0.009	--
GW12	1996.08.19	1400	--	--	60.	7.3	<0.002	--	<0.2	<0.001	0.089	--
GW13	1996.08.19	1600	--	--	93.	8.3	<0.002	--	<0.2	<0.001	0.11	--
GW14	1996.08.15	1000	--	--	60.	6.9	<0.002	--	<0.2	<0.001	0.034	--
GW15	1997.08.21	1505	3.9	20.	71.	6.5	0.007	<0.2	--	--	0.095	0.003
GW3	1997.09.11	1650	7.9	5.7	588.	7.6	--	--	--	--	--	--
GW4	1997.09.11	1655	8.1	2.4	232.	7.0	--	--	--	--	--	--

Table 54. Water-quality data collected at ground-water sampling sites--continued

[--, no data]

Station number (Fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Phosphorus, dissolved (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)
GW5	1996.08.12	1630	<0.001	<0.001	190.	37.	23.	2.9	1.5	168.	23.
GW5	1997.09.02	1230	--	0.001	180.	36.	22.	2.9	1.3	167.	23.
GW9	1996.07.08	1600	0.001	0.002	54.	16.	3.4	1.3	1.1	49.	13.
GW9	1997.09.02	1600	--	--	46.	14.	2.9	1.2	1.1	41.	12.
GW10	1996.08.05	1830	<0.01	0.01	120.	31.	10.	2.3	1.6	100.	21.
GW11	1996.08.14	1530	0.003	<0.001	14.	4.1	1.	2.2	0.7	18.	2.8
GW12	1996.08.19	1400	<0.001	<0.001	22.	7.	1.	2.3	0.8	24.	3.6
GW13	1996.08.19	1600	<0.001	<0.001	41.	11.	3.3	1.4	1.	42.	5.4
GW14	1996.08.15	1000	0.007	<0.001	20.	5.3	1.6	2.8	0.8	22.	6.3
GW15	1997.08.21	1505	--	<0.001	26.	6.8	2.2	1.9	1.1	19.	13.
GW3	1997.09.11	1650	--	--	--	--	--	--	--	--	--
GW4	1997.09.11	1655	--	--	--	--	--	--	--	--	--

Table 54. Water-quality data collected at ground-water sampling sites--Continued

[--, no data]

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Cadmium, total (µg/L as Cd)	Cadmium, dissolved (µg/L as Cd)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)	Lead, total (µg/L as Pb)
GW5	1996.08.12	1630	4.7	0.9	6.6	--	--	--	<1.	--	<3.	--
GW5	1997.09.02	1230	4.3	0.9	6.4	--	--	<1.	<1.	16.	<3.	<1.
GW9	1996.07.08	1600	<0.1	0.6	5.7	--	--	--	--	--	<3.	--
GW9	1997.09.02	1600	0.2	0.5	5.4	--	--	<1.	<1.	22.	<3.	<1.
GW10	1996.08.05	1830	3.3	--	7.1	--	--	--	1.	--	19.	--
GW11	1996.08.14	1530	0.1	0.1	11.	--	--	--	<1.	--	<3.	--
GW12	1996.08.19	1400	0.3	0.6	12.	--	--	--	<1.	--	<3.	--
GW13	1996.08.19	1600	0.2	<0.1	7.5	--	--	--	1.	--	36.	--
GW14	1996.08.15	1000	0.4	0.1	13.	--	--	--	<1.	--	6.	--
GW15	1997.08.21	1505	0.6	0.3	10.	2.	2.	30.	5.	2,700.	320.	4.
GW3	1997.09.11	1650	0.7	--	--	--	<1.	--	<1.	--	--	--
GW4	1997.09.11	1655	15.	--	--	--	--	--	--	--	--	--

Table 54. Water-quality data collected at ground-water sampling sites--Continued

[--, no data]

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Uranium, natural, dissolved (µg/L as U)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)
GW5	1996.08.12	1630	--	--	<1.	--	--	<3.	200.	201.
GW5	1997.09.02	1230	<1.	<10.	<1.	--	<10.	<3.	207.	197.
GW9	1996.07.08	1600	--	--	<1.	--	--	--	70.	--
GW9	1997.09.02	1600	<1.	<10.	<1.	--	15.	13.	63.	62.
GW10	1996.08.05	1830	--	--	7.	--	--	<3.	136.	136.
GW11	1996.08.14	1530	--	--	<1.	--	--	<3.	34.	33.
GW12	1996.08.19	1400	--	--	<1.	--	--	5.	36.	42.
GW13	1996.08.19	1600	--	--	2.	--	--	4.	50.	55.
GW14	1996.08.15	1000	--	--	<1.	--	--	<3.	50.	43.
GW15	1997.08.21	1505	<1.	70.	68.	--	470.	470.	61.	48.
GW3	1997.09.11	1650	<1.	--	220.	44.	--	4,200.	--	--
GW4	1997.09.11	1655	--	--	--	--	--	--	--	--

Table 55. Water-quality data collected at lake and reservoir sampling sites

[--, no data]

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Depth or range of photic zone composite (ft)	Secchi trans-parency (in.)	Water Temp-erature, field (degrees Celsius)	Air pressure (mm of Hg)	Turbidity, field (NTU)	Specific conduc-tance (µS/cm at 25 degrees Celsius)	Oxygen, dissolved, field (mg/L)	Oxygen, dissolved (% of saturation)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrogen, ammonia plus organic, total (mg/L as N)	Nitrogen, ammonia plus organic, dissolved (mg/L as N)
L3	1996.08.01	1215	1.	156.	13.2	525	--	74.	7.6	106.	7.8	<0.015	<0.2	<0.2
L3	1996.08.01	1230	65.	--	5.4	525	--	96.	6.6	76.	7.4	<0.015	<0.2	<0.2
L3	1996.10.23	1255	1 - 18	108.	--	524	--	94.	--	--	7.5	<0.002	<0.2	--
L3	1996.10.23	1300	65.	--	4.7	524	--	92.	8.2	92.	7.6	<0.002	<0.2	--
L3	1997.06.12	1415	1 - 20 est.	--	--	536	3.1	67.	--	--	7.8	<0.002	0.2	--
L3	1997.06.12	1400	95.	--	3.8	536	1.5	97.	3.5	55.	7.0	0.013	0.2	--
L3	1997.07.08	1230	1 - 22	134.	--	516	2.0	60.	--	--	7.6	<0.002	<0.2	--
L3	1997.07.08	1215	105.	--	3.8	516	1.8	91.	5.0	61.	7.0	<0.002	<0.2	--
L3	1997.07.23	1535	1 - 27	160.	--	540	1.2	62.	--	--	7.6	0.002	<0.2	--
L3	1997.07.23	1509	90.	--	4.0	540	5.8	91.	5.6	60.	6.7	<0.002	<0.2	--
L3	1997.08.08	1600	1 - 30	179.	--	538	1.4	63.	--	--	7.6	<0.002	<0.2	--
L3	1997.08.08	1530	100.	--	3.9	538	1.0	94.	4.8	52.	6.8	<0.002	<0.2	--
L3	1997.09.05	1230	1 - 40	238.	--	543	2.0	74.	--	--	7.5	<0.002	<0.2	--
L3	1997.09.05	1200	105.	--	4.0	543	4.4	111.	4.6	49.	6.7	0.003	<0.2	--
L1	1996.09.04	1110	1.	228.	11.9	505	--	30.	7.5	106.	7.6	<0.015	<0.2	<0.2
L1	1996.09.04	1115	90.	--	4.0	505	--	39.	1.6	18.	6.6	<0.015	<0.2	<0.2
L1	1996.10.23	1030	1 - 26	158.	--	495	--	40.	--	--	7.2	<0.002	<0.2	--
L1	1996.10.23	1035	80.	--	4.0	495	--	40.	7.3	85.	7.1	0.003	<0.2	--
L1	1997.06.17	1315	1 - 21	126.	--	515	1.7	25.	--	--	7.2	<0.002	0.2	--
L1	1997.06.17	1255	100.	--	3.4	515	41.	85.	0.1	1.	6.3	0.722	1.0	--
L1	1997.07.02	1222	1 - 20 est.	--	--	512	1.0	22.	--	--	7.7	0.002	<0.2	--
L1	1997.07.02	1200	98.	--	3.7	512	9.1	44.	0.3	3.	6.9	0.154	0.3	--
L1	1997.07.14	1310	1 - 30	180.	--	531	1.9	23.	--	--	7.2	<0.002	<0.2	--
L1	1997.07.14	1253	95.	--	3.7	531	7.2	68.	0.2	2.	6.8	0.119	0.2	--
L1	1997.07.24	1420	1 - 30	180.	--	516	0.9	24.	--	--	6.8	0.007	<0.2	--
L1	1997.07.24	1350	85.	--	3.8	516	6.2	30.	1.9	21.	6.0	0.106	0.3	--
L1	1997.08.12	1415	1 - 27	164.	--	520	1.1	24.	--	--	7.3	<0.002	0.3	--
L1	1997.08.12	1355	95.	--	3.7	520	8.1	163.	0.0	<0.1	6.9	0.09	0.3	--
L1	1997.09.04	1330	1 - 24	143.	--	519	1.1	26.	--	--	7.9	0.002	<0.2	--
L1	1997.09.04	1300	95.	--	3.8	519	4.7	34.	0.1	1.	6.6	0.005	<0.2	--

Table 55. Water-quality data collected at lake and reservoir sampling sites--Continued

[--, no data]

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Nitrogen, nitrite, dissolved (mg/L as N)	Nitrogen, nitrite plus nitrate, dissolved (mg/L as N)	Phosphorus, total (mg/L as P)	Phosphorus, dissolved (mg/L as P)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)
L3	1996.08.01	1215	<0.01	0.1	0.18	<0.01	<0.01	30.	7.7	2.5	1.3	1.0
L3	1996.08.01	1230	<0.01	0.18	0.05	<0.01	<0.01	41.	11.	3.3	1.6	1.4
L3	1996.10.23	1255	--	0.062	0.003	<0.001	<0.001	41.	11.	3.2	1.5	1.2
L3	1996.10.23	1300	--	0.058	0.004	<0.001	<0.001	41.	11.	3.2	1.5	1.2
L3	1997.06.12	1415	--	0.061	0.006	0.001	<0.001	33.	8.6	2.8	1.5	1.1
L3	1997.06.12	1400	--	0.096	0.002	<0.001	<0.001	--	--	--	--	--
L3	1997.07.08	1230	--	0.08	0.005	0.004	<0.001	--	--	--	--	--
L3	1997.07.08	1215	--	0.138	0.004	0.003	<0.001	--	--	--	--	--
L3	1997.07.23	1535	--	0.083	0.001	<0.001	<0.001	--	--	--	--	--
L3	1997.07.23	1509	--	0.141	0.006	0.002	0.001	--	--	--	--	--
L3	1997.08.08	1600	--	0.075	0.003	<0.001	0.001	--	--	--	--	--
L3	1997.08.08	1530	--	0.129	0.001	<0.001	0.002	--	--	--	--	--
L3	1997.09.05	1230	--	0.073	0.002	0.001	0.001	31.	8.2	2.6	1.3	1.0
L3	1997.09.05	1200	--	0.133	0.002	<0.001	0.001	45.	12.	3.6	1.7	1.3
L1	1996.09.04	1110	<0.01	<0.05	<0.01	<0.01	<0.01	13.	3.6	0.95	1.2	0.6
L1	1996.09.04	1115	<0.01	0.21	<0.01	<0.01	<0.01	15.	4.2	1.1	1.2	0.8
L1	1996.10.23	1030	--	0.014	0.006	0.002	<0.001	14.	3.9	1.0	1.2	0.7
L1	1996.10.23	1035	--	0.017	0.01	0.001	<0.001	14.	4.0	1.0	1.2	0.7
L1	1997.06.17	1315	--	0.019	0.008	0.002	<0.001	13.	3.6	0.9	1.1	0.6
L1	1997.06.17	1255	--	0.013	0.094	0.039	0.038	--	--	--	--	--
L1	1997.07.02	1222	--	0.005	0.006	0.002	0.001	--	--	--	--	--
L1	1997.07.02	1200	--	0.049	0.019	0.008	0.007	--	--	--	--	--
L1	1997.07.14	1310	--	0.006	0.004	0.003	<0.001	--	--	--	--	--
L1	1997.07.14	1253	--	0.057	0.014	0.011	0.006	--	--	--	--	--
L1	1997.07.24	1420	--	0.012	0.004	<0.001	<0.001	--	--	--	--	--
L1	1997.07.24	1350	--	0.08	0.017	0.002	0.003	--	--	--	--	--
L1	1997.08.12	1415	--	0.007	0.014	0.001	0.001	--	--	--	--	--
L1	1997.08.12	1355	--	0.107	0.019	0.004	0.003	--	--	--	--	--
L1	1997.09.04	1330	--	<0.005	0.007	0.003	0.002	13.	3.6	1.0	1.1	0.5
L1	1997.09.04	1300	--	0.163	0.015	0.004	0.003	14.	4.0	1.0	1.1	0.7

Table 55. Water-quality data collected at lake and reservoir sampling sites--Continued

[--, no data]

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)	Sulfate dissolved (mg/L as SO_4)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Copper, total (µg/L as Cu)	Copper, dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)	Lead, total (µg/L as Pb)
L3	1996.08.01	1215	35.	3.6	0.5	--	6.3	1.	1.	200.	75.	<1.
L3	1996.08.01	1230	45.	5.0	0.8	--	6.9	2.	1.	130.	33.	<1.
L3	1996.10.23	1255	41.	4.7	0.5	--	6.3	<1.	1.	190.	46.	<1.
L3	1996.10.23	1300	41.	4.6	0.5	--	6.3	<1.	<1.	210.	50.	<1.
L3	1997.06.12	1415	32.	4.1	0.7	0.1	6.1	2.	2.	220.	63.	<1.
L3	1997.06.12	1400	--	--	--	--	--	--	--	--	--	--
L3	1997.07.08	1230	--	--	--	--	--	--	--	--	--	--
L3	1997.07.08	1215	--	--	--	--	--	--	--	--	--	--
L3	1997.07.23	1535	--	3.8	0.5	--	--	<1.	<1.	120.	40.	<1.
L3	1997.07.23	1509	--	5.1	0.7	--	--	<1.	<1.	460.	<3.	<1.
L3	1997.08.08	1600	--	--	--	--	--	--	--	--	--	--
L3	1997.08.08	1530	--	--	--	--	--	--	--	--	--	--
L3	1997.09.05	1230	33.	3.7	0.3	0.1	5.8	<1.	<1.	140.	51.	<1.
L3	1997.09.05	1200	46.	5.0	0.6	0.1	6.6	<1.	<1.	60.	<3.	<1.
L1	1996.09.04	1110	14.	2.3	0.2	--	4.7	<1.	1.	100.	57.	<1.
L1	1996.09.04	1115	16.	2.8	0.4	--	6.5	1.	<1.	460.	130.	1.
L1	1996.10.23	1030	15.	2.3	0.3	--	5.4	<1.	<1.	180.	77.	<1.
L1	1996.10.23	1035	15.	2.3	0.3	--	5.4	<1.	<1.	180.	77.	<1.
L1	1997.06.17	1315	14.	2.2	0.4	0.2	5.3	<1.	<1.	180.	81.	<1.
L1	1997.06.17	1255	--	--	--	--	--	--	--	--	--	--
L1	1997.07.02	1222	--	--	--	--	--	--	--	--	--	--
L1	1997.07.02	1200	--	--	--	--	--	--	--	--	--	--
L1	1997.07.14	1310	--	--	--	--	--	--	--	--	--	--
L1	1997.07.14	1253	--	--	--	--	--	--	--	--	--	--
L1	1997.07.24	1420	--	2.1	0.3	--	--	<1.	<1.	95.	63.	<1.
L1	1997.07.24	1350	--	2.3	0.4	--	--	<1.	<1.	770.	210.	<1.
L1	1997.08.12	1415	--	--	--	--	--	--	--	--	--	--
L1	1997.08.12	1355	--	--	--	--	--	--	--	--	--	--
L1	1997.09.04	1330	14.	1.9	0.2	0.2	5.3	<1.	<1.	110.	65.	<1.
L1	1997.09.04	1300	16.	2.2	0.3	0.2	6.5	<1.	<1.	770.	231.	<1.

Table 55. Water-quality data collected at lake and reservoir sampling sites--Continued

[--, no data]

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Lead, dissolved (µg/L as Pb)	Manganese, total (µg/L as Mn)	Manganese, dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)	Solids, residue on evaporation at 180 degrees Celsius, dissolved (mg/L)	Dissolved solids, sum of constituents (mg/L)	Chlorophyll *a* (µg/L)	Chlorophyll *b* (µg/L)
L3	1996.08.01	1215	--	40.	35.	<10.	<3.	38.	52.	0.4	<0.1
L3	1996.08.01	1230	--	20.	8.	<10.	7.	54.	68.	--	--
L3	1996.10.23	1255	--	30.	2.	<10.	4.	40.	53.	0.3	<0.1
L3	1996.10.23	1300	--	40.	2.	<10.	<3.	52.	53.	--	--
L3	1997.06.12	1415	<1.	20.	6.	<10.	3.	46.	45.	0.2	<0.1
L3	1997.06.12	1400	--	--	--	--	--	--	--	--	--
L3	1997.07.08	1230	--	--	--	--	--	--	--	0.4	<0.1
L3	1997.07.08	1215	--	--	--	--	--	--	--	--	--
L3	1997.07.23	1535	--	20.	1.	<10.	<3.	--	--	0.5	<0.1
L3	1997.07.23	1509	--	120.	6.	<10.	<3.	--	--	--	--
L3	1997.08.08	1600	--	--	--	--	--	--	--	0.4	<0.1
L3	1997.08.08	1530	--	--	--	--	--	--	--	--	--
L3	1997.09.05	1230	<1.	20.	6.	<10.	4.	54.	43.	0.2	<0.1
L3	1997.09.05	1200	<1.	80.	10.	<10.	5.	69.	59.	--	--
L1	1996.09.04	1110	--	<10.	3.	<10.	<3.	14.	22.	0.5	<0.1
L1	1996.09.04	1115	--	250.	230.	50.	<3.	30.	28.	--	--
L1	1996.10.23	1030	--	70.	72.	<10.	<3.	16.	24.	0.8	<0.1
L1	1996.10.23	1035	--	70.	73.	<10.	<3.	18.	24.	--	--
L1	1997.06.17	1315	<1.	20.	10.	<10.	4.	24.	23.	1.5	<0.1
L1	1997.06.17	1255	--	--	--	--	--	--	--	--	--
L1	1997.07.02	1222	--	--	--	--	--	--	--	1.9	<0.1
L1	1997.07.02	1200	--	--	--	--	--	--	--	--	--
L1	1997.07.14	1310	--	--	--	--	--	--	--	0.8	<0.1
L1	1997.07.14	1253	--	--	--	--	--	--	--	--	--
L1	1997.07.24	1420	--	<10.	5.	<10.	<3.	--	--	1.3	<0.1
L1	1997.07.24	1350	--	240.	210.	<10.	<3.	--	--	--	--
L1	1997.08.12	1415	--	--	--	--	--	--	--	3.2	0.1
L1	1997.08.12	1355	--	--	--	--	--	--	--	--	--
L1	1997.09.04	1330	<1.	<10.	6.	<10.	<3.	34.	22.	1.8	0.1
L1	1997.09.04	1300	<1.	330.	300.	<10.	8.	39.	27.	--	--

Table 56. Field-measurement profile data collected at lake or reservoir sampling sites

Site number (see fig. 3)	Date (mm/dd/yy)	Time (HHMM)	Depth below surface (ft)	Water temperature (degrees Celsius)	Specific conductance, field (µS/cm)	pH, field (units)	Dissolved oxygen, field (mg/L)
L3	08/01/96	1145	1.	13.2	74.	7.8	7.6
L3	08/01/96	1146	5.	13.1	74.	7.8	7.6
L3	08/01/96	1147	10.	13.0	74.	7.8	7.5
L3	08/01/96	1148	15.	12.3	75.	7.8	7.6
L3	08/01/96	1149	20.	9.0	77.	7.7	8.0
L3	08/01/96	1150	25.	7.5	83.	7.6	7.8
L3	08/01/96	1151	30.	6.3	86.	7.7	7.6
L3	08/01/96	1152	40.	5.7	90.	7.5	7.4
L3	08/01/96	1153	50.	5.4	92.	7.4	7.2
L3	08/01/96	1154	60.	5.4	95.	7.4	6.8
L3	08/01/96	1155	65.	5.4	96.	7.4	6.6
L1	09/04/96	1100	1.	11.9	30.	7.6	7.5
L1	09/04/96	1101	5.	11.6	30.	7.6	7.5
L1	09/04/96	1102	10.	11.5	30.	7.7	7.6
L1	09/04/96	1103	15.	11.4	30.	7.7	7.5
L1	09/04/96	1104	20.	11.0	30.	7.7	7.5
L1	09/04/96	1105	25.	7.0	31.	7.5	7.5
L1	09/04/96	1106	30.	5.3	32.	7.3	7.3
L1	09/04/96	1107	40.	4.2	32.	7.2	6.8
L1	09/04/96	1108	50.	4.0	33.	7.1	5.7
L1	09/04/96	1109	60.	4.0	34.	7.0	4.7
L1	09/04/96	1110	70.	4.0	35.	6.8	2.5
L1	09/04/96	1111	80.	4.0	35.	6.6	2.0
L1	09/04/96	1112	90.	4.0	39.	6.6	1.6
L1	10/23/96	1010	1.	4.0	40.	7.2	7.5
L1	10/23/96	1011	5.	4.0	40.	7.2	7.5
L1	10/23/96	1012	10.	4.1	40.	7.2	7.4
L1	10/23/96	1013	15.	4.0	40.	7.2	7.4
L1	10/23/96	1014	20.	4.1	40.	7.2	7.4
L1	10/23/96	1015	25.	4.0	40.	7.2	7.4
L1	10/23/96	1016	30.	4.0	40.	7.2	7.4
L1	10/23/96	1018	40.	4.0	40.	7.2	7.4
L1	10/23/96	1019	50.	4.0	40.	7.1	7.4
L1	10/23/96	1020	60.	4.0	40.	7.1	7.4
L1	10/23/96	1021	70.	4.0	40.	7.1	7.4
L1	10/23/96	1022	80.	4.0	40.	7.1	7.3
L3	10/23/96	1230	1.	4.9	94.	7.5	8.4
L3	10/23/96	1231	5.	4.9	93.	7.5	8.4
L3	10/23/96	1232	10.	4.9	93.	7.5	8.3
L3	10/23/96	1233	15.	4.9	93.	7.5	8.2
L3	10/23/96	1234	20.	4.9	93.	7.5	8.2
L3	10/23/96	1235	25.	4.9	93.	7.5	8.2
L3	10/23/96	1236	30.	4.8	93.	7.5	8.2
L3	10/23/96	1237	40.	4.8	93.	7.5	8.2
L3	10/23/96	1238	50.	4.8	93.	7.5	8.2
L3	10/23/96	1239	60.	4.7	93.	7.5	8.2
L3	10/23/96	1240	65.	4.7	92.	7.6	8.2

Table 56. Field-measurement profile data collected at lake or reservoir sampling sites--continued

Site number (see fig. 3)	Date (mm/dd/yy)	Time (HHMM)	Depth below surface (ft)	Water temperature (degrees Celsius)	Specific conductance, field (µS/cm)	pH, field (units)	Dissolved oxygen, field (mg/L)
L3	06/12/97	1346	1.	10.7	67.	7.8	6.5
L3	06/12/97	1345	5.	9.6	67.	7.8	6.6
L3	06/12/97	1344	10.	8.8	67.	7.7	6.7
L3	06/12/97	1343	15.	8.8	67.	7.7	6.7
L3	06/12/97	1342	20.	8.5	67.	7.6	6.5
L3	06/12/97	1341	25.	8.4	68.	7.6	6.4
L3	06/12/97	1340	30.	8.1	69.	7.5	6.5
L3	06/12/97	1339	35.	6.4	79.	7.4	6.3
L3	06/12/97	1338	40.	5.8	82.	7.3	6.3
L3	06/12/97	1337	45.	5.0	85.	7.2	6.3
L3	06/12/97	1336	50.	4.1	90.	7.1	6.1
L3	06/12/97	1335	55.	4.0	91.	7.1	5.9
L3	06/12/97	1334	60.	3.8	92.	7.0	5.7
L3	06/12/97	1333	65.	3.8	93.	7.0	5.7
L3	06/12/97	1332	70.	3.8	93.	7.0	5.6
L3	06/12/97	1331	75.	3.7	93.	7.0	5.6
L3	06/12/97	1330	80.	3.7	93.	7.0	5.4
L3	06/12/97	1329	85.	3.7	93.	7.0	5.4
L3	06/12/97	1328	90.	3.7	94.	7.0	5.3
L3	06/12/97	1327	95.	3.7	94.	7.0	5.1
L3	06/12/97	1326	100.	3.8	97.	7.0	3.5
L1	06/17/97	1130	.5	7.2	25.	7.2	7.9
L1	06/17/97	1131	5.	6.3	25.	7.1	8.0
L1	06/17/97	1132	10.	5.9	25.	7.0	8.0
L1	06/17/97	1133	15.	5.4	26.	6.9	7.9
L1	06/17/97	1134	20.	5.3	26.	6.9	7.8
L1	06/17/97	1135	25.	5.2	26.	6.8	7.6
L1	06/17/97	1136	30.	4.9	26.	6.8	7.5
L1	06/17/97	1137	35.	4.6	26.	6.8	7.3
L1	06/17/97	1138	40.	4.4	26.	6.7	7.2
L1	06/17/97	1139	45.	4.2	27.	6.7	7.1
L1	06/17/97	1140	50.	4.1	27.	6.7	7.0
L1	06/17/97	1141	55.	3.8	28.	6.6	6.4
L1	06/17/97	1142	60.	3.7	28.	6.6	6.2
L1	06/17/97	1143	65.	3.7	28.	6.6	6.3
L1	06/17/97	1144	70.	3.8	29.	6.6	5.8
L1	06/17/97	1145	75.	3.7	30.	6.5	5.1
L1	06/17/97	1146	80.	3.6	33.	6.5	3.8
L1	06/17/97	1147	85.	3.6	32.	6.5	3.4
L1	06/17/97	1148	90.	3.5	39.	6.4	1.9
L1	06/17/97	1149	95.	3.4	44.	6.4	.8
L1	06/17/97	1150	100.	3.4	85.	6.3	.1
L1	07/02/97	1107	2.	10.8	22.	7.0	7.7
L1	07/02/97	1108	5.	10.8	22.	7.1	7.8
L1	07/02/97	1110	10.	10.3	21.	7.1	7.8
L1	07/02/97	1113	15.	7.4	23.	7.1	8.9
L1	07/02/97	1115	20.	6.1	24.	6.8	8.2
L1	07/02/97	1118	25.	5.5	25.	6.7	7.6

Table 56. Field-measurement profile data collected at lake or reservoir sampling sites--continued

Site number (see fig. 3)	Date (mm/dd/yy)	Time (HHMM)	Depth below surface (ft)	Water temperature (degrees Celsius)	Specific conductance, field (µS/cm)	pH, field (units)	Dissolved oxygen, field (mg/L)
L1	07/02/97	1119	30.	4.9	25.	6.6	7.2
L1	07/02/97	1120	35.	4.5	25.	6.5	7.0
L1	07/02/97	1126	40.	4.2	26.	6.7	7.2
L1	07/02/97	1127	45.	4.0	26.	6.6	6.6
L1	07/02/97	1128	50.	3.9	26.	6.4	6.2
L1	07/02/97	1130	55.	3.8	27.	6.3	5.2
L1	07/02/97	1131	60.	3.8	27.	6.3	4.8
L1	07/02/97	1132	65.	3.8	28.	6.2	4.4
L1	07/02/97	1134	70.	3.7	28.	6.2	4.4
L1	07/02/97	1135	75.	3.7	29.	6.2	4.1
L1	07/02/97	1136	80.	3.8	29.	6.2	3.4
L1	07/02/97	1137	85.	3.7	29.	6.2	3.1
L1	07/02/97	1138	90.	3.7	29.	6.1	3.1
L1	07/02/97	1139	95.	3.7	34.	6.1	2.8
L1	07/02/97	1140	98.	3.7	44.	6.9	.3
L3	07/08/97	1151	2.	11.5	60.	7.6	6.9
L3	07/08/97	1153	5.	11.5	60.	7.7	7.0
L3	07/08/97	1155	10.	11.2	60.	7.7	7.1
L3	07/08/97	1157	15.	10.8	60.	7.6	7.0
L3	07/08/97	1158	20.	10.7	60.	7.6	6.9
L3	07/08/97	1159	25.	10.5	60.	7.5	7.0
L3	07/08/97	1200	30.	10.0	62.	7.4	6.9
L3	07/08/97	1201	35.	8.2	69.	7.3	6.7
L3	07/08/97	1203	40.	6.1	80.	7.2	6.6
L3	07/08/97	1204	45.	5.2	83.	7.2	6.5
L3	07/08/97	1205	50.	4.9	85.	7.2	6.5
L3	07/08/97	1206	55.	4.6	86.	7.1	6.4
L3	07/08/97	1207	60.	4.3	89.	7.1	6.3
L3	07/08/97	1208	65.	4.1	89.	7.1	6.1
L3	07/08/97	1209	70.	4.0	90.	7.1	5.9
L3	07/08/97	1210	75.	3.9	90.	7.0	5.8
L3	07/08/97	1211	80.	3.9	91.	7.0	5.7
L3	07/08/97	1212	85.	3.9	91.	7.0	5.6
L3	07/08/97	1213	90.	3.8	91.	7.0	5.5
L3	07/08/97	1214	95.	3.8	91.	7.0	5.5
L3	07/08/97	1215	100.	3.8	91.	7.0	5.5
L3	07/08/97	1216	105.	3.8	91.	7.0	5.4
L3	07/08/97	1217	109.	3.8	91.	7.0	5.0
L1	07/14/97	1215	1.	12.2	23.	7.2	6.0
L1	07/14/97	1216	5.	11.2	22.	7.2	6.2
L1	07/14/97	1217	10.	10.8	22.	7.2	6.3
L1	07/14/97	1218	15.	9.3	23.	7.2	6.7
L1	07/14/97	1219	20.	5.5	25.	7.0	6.1
L1	07/14/97	1220	25.	4.8	26.	6.8	5.7
L1	07/14/97	1221	30.	4.4	26.	6.8	5.2
L1	07/14/97	1222	35.	4.2	26.	6.7	4.9
L1	07/14/97	1223	40.	3.9	27.	6.6	4.7
L1	07/14/97	1224	45.	3.9	27.	6.4	4.7

Table 56. Field-measurement profile data collected at lake or reservoir sampling sites--continued

Site number (see fig. 3)	Date (mm/dd/yy)	Time (HHMM)	Depth below surface (ft)	Water temperature (degrees Celsius)	Specific conductance, field (µS/cm)	pH, field (units)	Dissolved oxygen, field (mg/L)
L1	07/14/97	1225	50.	3.8	28.	6.4	3.9
L1	07/14/97	1226	55.	3.8	28.	6.3	3.2
L1	07/14/97	1227	60.	3.8	28.	6.3	2.9
L1	07/14/97	1228	65.	3.8	29.	6.3	2.7
L1	07/14/97	1229	70.	3.8	29.	6.2	2.4
L1	07/14/97	1230	75.	3.7	29.	6.2	2.2
L1	07/14/97	1231	80.	3.7	29.	6.2	2.1
L1	07/14/97	1232	85.	3.7	29.	6.2	1.9
L1	07/14/97	1233	90.	3.7	30.	6.2	1.7
L1	07/14/97	1234	95.	3.7	68.	6.8	.2
L3	07/23/97	1420	1.	13.8	62.	7.6	7.0
L3	07/23/97	1421	5.	12.8	62.	7.6	7.1
L3	07/23/97	1422	10.	12.3	62.	7.5	7.2
L3	07/23/97	1423	15.	12.1	62.	7.5	7.1
L3	07/23/97	1424	20.	11.7	63.	7.4	7.0
L3	07/23/97	1425	25.	11.4	63.	7.3	7.0
L3	07/23/97	1426	30.	10.7	64.	7.2	6.8
L3	07/23/97	1427	35.	9.0	68.	7.1	6.6
L3	07/23/97	1428	40.	6.9	79.	7.0	6.5
L3	07/23/97	1429	45.	5.4	84.	6.9	6.4
L3	07/23/97	1430	50.	5.0	86.	6.9	6.3
L3	07/23/97	1431	55.	4.6	88.	6.8	6.3
L3	07/23/97	1432	60.	4.4	89.	6.8	6.2
L3	07/23/97	1433	65.	4.2	90.	6.8	5.9
L3	07/23/97	1434	70.	4.1	91.	6.8	5.9
L3	07/23/97	1435	75.	4.1	91.	6.7	5.8
L3	07/23/97	1436	80.	4.0	91.	6.7	5.7
L3	07/23/97	1437	85.	4.0	91.	6.7	5.7
L3	07/23/97	1438	90.	4.0	91.	6.7	5.6
L1	07/24/97	1325	1.	11.8	24.	6.8	7.4
L1	07/24/97	1326	5.	11.4	24.	6.9	7.4
L1	07/24/97	1327	10.	11.0	24.	7.0	7.5
L1	07/24/97	1328	15.	8.3	25.	7.0	8.0
L1	07/24/97	1329	20.	5.4	27.	6.8	7.3
L1	07/24/97	1330	25.	4.8	27.	6.7	6.6
L1	07/24/97	1331	30.	4.4	27.	6.6	6.3
L1	07/24/97	1332	35.	4.1	28.	6.5	5.9
L1	07/24/97	1333	40.	4.0	28.	6.3	5.2
L1	07/24/97	1334	45.	3.9	29.	6.2	4.6
L1	07/24/97	1335	50.	3.8	28.	6.1	3.6
L1	07/24/97	1336	55.	3.8	29.	6.1	3.4
L1	07/24/97	1337	60.	3.8	29.	6.0	3.0
L1	07/24/97	1338	65.	3.8	29.	6.0	2.7
L1	07/24/97	1339	70.	3.8	29.	6.0	2.4
L1	07/24/97	1340	75.	3.8	30.	6.0	2.1
L1	07/24/97	1341	80.	3.8	30.	6.0	2.0
L1	07/24/97	1342	85.	3.8	30.	6.0	1.9

Table 56. Field-measurement profile data collected at lake or reservoir sampling sites--continued

Site number (see fig. 3)	Date (mm/dd/yy)	Time (HHMM)	Depth below surface (ft)	Water temperature (degrees Celsius)	Specific conductance, field (µS/cm)	pH, field (units)	Dissolved oxygen, field (mg/L)
L3	08/08/97	1430	1.	13.7	63.	7.6	6.4
L3	08/08/97	1431	5.	13.7	63.	7.5	6.4
L3	08/08/97	1432	10.	13.2	63.	7.4	6.4
L3	08/08/97	1433	15.	12.9	63.	7.4	6.4
L3	08/08/97	1434	20.	12.8	63.	7.4	6.3
L3	08/08/97	1435	25.	12.5	63.	7.3	6.3
L3	08/08/97	1436	30.	12.1	64.	7.2	6.2
L3	08/08/97	1437	35.	8.7	70.	7.0	5.9
L3	08/08/97	1438	40.	6.6	81.	6.9	5.7
L3	08/08/97	1439	45.	5.6	84.	6.9	5.8
L3	08/08/97	1440	50.	5.1	86.	6.9	5.8
L3	08/08/97	1441	55.	4.8	88.	6.9	5.7
L3	08/08/97	1442	60.	4.5	90.	6.9	5.6
L3	08/08/97	1443	65.	4.2	92.	6.8	5.4
L3	08/08/97	1444	70.	4.1	93.	6.8	5.3
L3	08/08/97	1445	75.	4.0	93.	6.8	5.2
L3	08/08/97	1446	80.	4.0	93.	6.8	5.0
L3	08/08/97	1447	85.	4.0	93.	6.8	4.9
L3	08/08/97	1448	90.	4.0	94.	6.8	4.8
L3	08/08/97	1449	95.	3.9	94.	6.8	4.8
L3	08/08/97	1450	100.	3.9	94.	6.8	4.8
L1	08/12/97	1205	1.	11.3	24.	7.3	7.6
L1	08/12/97	1207	5.	10.7	23.	7.4	7.6
L1	08/12/97	1209	10.	10.6	23.	7.3	7.6
L1	08/12/97	1211	15.	10.3	23.	7.2	7.5
L1	08/12/97	1213	20.	9.8	24.	7.0	7.4
L1	08/12/97	1215	25.	5.7	26.	6.4	6.2
L1	08/12/97	1217	30.	4.8	27.	6.2	5.6
L1	08/12/97	1219	35.	4.4	27.	6.2	5.5
L1	08/12/97	1221	40.	4.1	27.	6.0	4.8
L1	08/12/97	1223	45.	4.0	28.	6.0	4.0
L1	08/12/97	1225	50.	3.9	28.	5.9	2.9
L1	08/12/97	1227	55.	3.8	29.	5.9	2.3
L1	08/12/97	1229	60.	3.8	29.	5.9	2.0
L1	08/12/97	1231	65.	3.8	29.	5.9	1.5
L1	08/12/97	1233	70.	3.8	30.	5.8	1.1
L1	08/12/97	1235	75.	3.8	30.	5.9	.6
L1	08/12/97	1237	80.	3.8	32.	5.9	.2
L1	08/12/97	1239	85.	3.8	33.	5.9	.1
L1	08/12/97	1241	90.	3.8	34.	5.9	.1
L1	08/12/97	1243	95.	3.7	163.	6.9	<.1
L1	09/04/97	1205	1.	13.7	26.	7.9	7.5
L1	09/04/97	1207	5.	13.5	26.	7.9	7.4
L1	09/04/97	1209	10.	12.9	26.	7.9	7.5
L1	09/04/97	1211	15.	11.7	26.	7.5	7.4
L1	09/04/97	1213	20.	9.5	26.	7.1	6.8
L1	09/04/97	1215	25.	7.5	27.	6.9	5.8
L1	09/04/97	1217	30.	5.8	28.	6.7	5.2

Table 56. Field-measurement profile data collected at lake or reservoir sampling sites--continued

Site number (see fig. 3)	Date (mm/dd/yy)	Time (HHMM)	Depth below surface (ft)	Water temperature (degrees Celsius)	Specific conductance, field (µS/cm)	pH, field (units)	Dissolved oxygen, field (mg/L)
L1	09/04/97	1219	35.	5.3	29.	6.7	4.9
L1	09/04/97	1221	40.	4.4	29.	6.7	4.2
L1	09/04/97	1223	45.	4.1	30.	6.6	3.6
L1	09/04/97	1225	50.	3.9	30.	6.6	2.6
L1	09/04/97	1227	55.	3.9	31.	6.6	2.0
L1	09/04/97	1229	60.	3.9	31.	6.6	1.7
L1	09/04/97	1231	65.	3.8	32.	6.6	1.2
L1	09/04/97	1233	70.	3.8	32.	6.6	1.0
L1	09/04/97	1235	75.	3.8	32.	6.6	.4
L1	09/04/97	1237	80.	3.8	33.	6.6	.3
L1	09/04/97	1239	85.	3.8	33.	6.6	.3
L1	09/04/97	1241	90.	3.8	33.	6.6	.2
L1	09/04/97	1245	95.	3.8	34.	6.6	.1
L3	09/05/97	1125	1.	13.6	74.	7.5	7.4
L3	09/05/97	1126	5.	13.6	74.	7.5	7.0
L3	09/05/97	1127	10.	13.4	74.	7.4	7.0
L3	09/05/97	1128	15.	13.1	74.	7.3	7.0
L3	09/05/97	1129	20.	12.6	76.	7.2	6.9
L3	09/05/97	1130	25.	12.2	77.	7.2	6.9
L3	09/05/97	1131	30.	11.5	78.	7.1	6.7
L3	09/05/97	1132	35.	9.2	85.	7.0	6.1
L3	09/05/97	1133	40.	6.9	95.	6.9	6.0
L3	09/05/97	1134	45.	5.9	99.	6.9	5.9
L3	09/05/97	1135	50.	5.2	102.	6.9	5.9
L3	09/05/97	1136	55.	4.8	105.	6.9	5.8
L3	09/05/97	1137	60.	4.9	106.	6.9	5.7
L3	09/05/97	1138	65.	4.3	107.	6.8	5.6
L3	09/05/97	1139	70.	4.2	108.	6.8	5.4
L3	09/05/97	1140	75.	4.1	109.	6.8	5.2
L3	09/05/97	1141	80.	4.1	109.	6.8	5.0
L3	09/05/97	1142	85.	4.0	110.	6.8	4.8
L3	09/05/97	1143	90.	4.0	110.	6.8	4.7
L3	09/05/97	1144	95.	4.0	110.	6.8	4.7
L3	09/05/97	1145	100.	4.0	111.	6.7	4.6
L3	09/05/97	1146	105.	4.0	111.	6.7	4.6

Table 57. Chemical analyses of bottom sediment collected at lake and reservoir sampling sites

[--, no data; NS, no sample]

Property or constituent	Units	Sampling site (see fig. 3)					
		L3	L1	L3	L1	L5	L6
DATE	mm/dd/yr	08/01/96	09/04/96	08/08/97	08/15/97	08/19/97	08/19/97
TIME OF DAY	HHMM	1245	1130	1500	1300	1200	1530
Depth	ft	67.	93.	105.	97.	3.	3.
Nitrite plus nitrate, total	mg/kg	<2.	7.	<2.	<2.	--	--
Nitrogen, ammonia as N	mg/kg	50.	170.	19.	26.	--	--
Nitrogen, kjeldahl as N	mg/kg	400.	500.	800.	1,200.	--	--
Phosphorus, total as P	mg/kg	800.	8,000.	910.	2,100.	--	--
Aluminum, total	percent	9.7	4.6	8.1	6.2	5.	6.2
Arsenic, total	µg/g	<10.	13.	<10.	<10.	<10.	<10.
Barium, total	µg/g	700.	830.	710.	870.	840.	780.
Beryllium, total	µg/g	3.	2.	3.	3.	2.	2.
Bismuth, total	µg/g	<10.	<10.	<10.	<10.	<10.	<10.
Cadmium, total	µg/g	<2.	2.	<2.	<2.	<2.	3.
Calcium, total	percent	1.2	0.44	1.4	0.61	1.3	0.75
Cerium, total	µg/g	170.	210.	140.	230.	61.	93.
Chromium, total	µg/g	130.	64.	110.	100.	20.	49.
Cobalt, total	µg/g	33.	27.	24.	23.	2.	8.
Copper, total	µg/g	73.	37.	51.	49.	3.	31.
Europium, total	µg/g	<2.	3.	2.	5.	<2.	<2.
Gallium, total	µg/g	29.	17.	19.	10.	11.	11.
Gold, total	µg/g	<8.	<8.	<8.	<8.	<8.	<8.
Holmium, total	µg/g	<4.	<4.	<4.	<4.	<4.	<4.
Iron, total	percent	7.9	13.	7.7	12.	0.93	2.9
Lanthanum, total	µg/g	110.	170.	96.	200.	34.	50.
Lead, total	µg/g	63.	66.	41.	90.	18.	450.
Lithium, total	µg/g	53.	37.	46.	54.	11.	14.
Magnesium, total	percent	1.7	0.73	1.5	1.	0.25	0.49
Manganese, total	µg/g	2,000.	3,900.	2,300.	2,200.	170.	1,800.
Molybdenum, total	µg/g	<2.	<2.	<2.	7.	<2.	<2.
Neodymium, total	µg/g	91.	150.	85.	180.	27.	43.
Nickel, total	µg/g	45.	24.	40.	39.	7.	19.
Niobium, total	µg/g	25.	15.	16.	9.	12.	13.
Potassium, total	percent	2.5	1.2	2.5	1.8	1.4	2.8
Scandium, total	µg/g	32.	12.	25.	16.	5.	9.
Silver, total	µg/g	<2.	<2.	<2.	<2.	<2.	11.
Sodium, total	percent	1.1	0.49	1.4	0.66	1.6	1.1
Strontium, total	µg/g	170.	130.	200.	180.	510.	160.

Table 57. Chemical analyses of bottom sediment collected at lake and reservoir sampling sites--Continued

[--, no data; NS, no sample]

Property or constituent	Units	Sampling site (see fig. 3)					
		L3	L1	L3	L1	L5	L6
DATE	mm/dd/yr	08/01/96	09/04/96	08/08/97	08/15/97	08/19/97	08/19/97
TIME OF DAY	HHMM	1245	1130	1500	1300	1200	1530
Tantalum, total	µg/g	<40.	<40.	<40.	<40.	<40.	<40.
Thorium, total	µg/g	30.	26.	18.	24.	5.	14.
Tin, total	µg/g	<5.	<5.	<5.	<5.	<5.	<5.
Titanium, total	percent	0.61	0.36	0.54	0.52	0.21	0.21
Uranium, total	µg/g	<100.	<100.	<100.	<100.	<100.	<100.
Vanadium, total	µg/g	170.	93.	130.	120.	24.	49.
Yttrium, total	µg/g	40.	50.	37.	68.	12.	14.
Ytterbium, total	µg/g	3.	3.	3.	4.	<1.	1.
Zinc, total	µg/g	210.	140.	170.	170.	28.	1,000.
Acenaphthylene	µg/g	<200.	<200.	NS	NS	NS	NS
Acenaphthene	µg/g	<200.	<200.	NS	NS	NS	NS
Anthracene	µg/g	<200.	<200.	NS	NS	NS	NS
Benzo B Fluoranthene	µg/g	<400.	<400.	NS	NS	NS	NS
Benzo K Fluoranthene	µg/g	<400.	<400.	NS	NS	NS	NS
Benzo A Pyrene	µg/g	<400.	<400.	NS	NS	NS	NS
Bis (2-Chloroethyl) Ether	µg/g	<200.	<200.	NS	NS	NS	NS
Bis (2-Chloroethoxy) Methane	µg/g	<200.	<200.	NS	NS	NS	NS
Bis (2-Chloroisopropyl) Ether	µg/g	<200.	<200.	NS	NS	NS	NS
N-Butylbenzyl Phthalate	µg/g	<200.	<200.	NS	NS	NS	NS
Chrysene	µg/g	<400.	<400.	NS	NS	NS	NS
Diethyl Phthalate	µg/g	<200.	<200.	NS	NS	NS	NS
Dimethyl Phthalate	µg/g	<200.	<200.	NS	NS	NS	NS
Fluoranthene	µg/g	<200.	<200.	NS	NS	NS	NS
Fluorene	µg/g	<200.	<200.	NS	NS	NS	NS
Hexachlorocyclopentadiene	µg/g	<200.	<200.	NS	NS	NS	NS
Hexachloroethane	µg/g	<200.	<200.	NS	NS	NS	NS
Indeno (1,2,3-CD) Pyrene	µg/g	<400.	<400.	NS	NS	NS	NS
Isophorone	µg/g	<200.	<200.	NS	NS	NS	NS
N-Nitrosodi-N-Propylamine	µg/g	<200.	<200.	NS	NS	NS	NS
N-Nitrosodiphenylamine	µg/g	<200.	<200.	NS	NS	NS	NS
N-Nitrodimethylamine	µg/g	<200.	<200.	NS	NS	NS	NS
Naphthalene	µg/g	<200.	<200.	NS	NS	NS	NS
Nitrobenzene	µg/g	<200.	<200.	NS	NS	NS	NS
Parachlorometa Cresol	µg/g	<600.	<600.	NS	NS	NS	NS

Table 57. Chemical analyses of bottom sediment collected at lake and reservoir sampling sites--Continued

[--, no data; NS, no sample]

Property or constituent	Units	Sampling site (see fig. 3)					
		L3	L1	L3	L1	L5	L6
DATE	mm/dd/yr	08/01/96	09/04/96	08/08/97	08/15/97	08/19/97	08/19/97
TIME OF DAY	HHMM	1245	1130	1500	1300	1200	1530
Phenanthrene	µg/g	<200.	<200.	NS	NS	NS	NS
Pyrene	µg/g	<200.	<200.	NS	NS	NS	NS
Benzo-g,h,i-perylene, 1,2-Benzoperylene	µg/g	<400.	<400.	NS	NS	NS	NS
Benzo (A) Anthracene 1,2-Benzoanthracene	µg/g	<400.	<400.	NS	NS	NS	NS
1,2-Dichlorobenzene	µg/g	<200.	<200.	NS	NS	NS	NS
1,2,4-Trichlorobenzene	µg/g	<200.	<200.	NS	NS	NS	NS
1,2,5,6-Dibenzanthracene	µg/g	<400.	<400.	NS	NS	NS	NS
1,3-Dichlorobenzene	µg/g	<200.	<200.	NS	NS	NS	NS
1,4-Dichlorobenzene	µg/g	<200.	<200.	NS	NS	NS	NS
2-Chloronaphthalene	µg/g	<200.	<200.	NS	NS	NS	NS
2-Chlorophenol	µg/g	<200.	<200.	NS	NS	NS	NS
2-Nitrophenol	µg/g	<200.	<200.	NS	NS	NS	NS
Dinoctyl Phthalate	µg/g	<400.	<400.	NS	NS	NS	NS
2,4-Dichlorophenol	µg/g	<200.	<200.	NS	NS	NS	NS
2,4-DP	µg/g	<200.	<200.	NS	NS	NS	NS
2,4-Dinitrotoluene	µg/g	<200.	<200.	NS	NS	NS	NS
2,4-Dinitrophenol	µg/g	<600.	<600.	NS	NS	NS	NS
2,4,6-Tricholorophenol	µg/g	<600.	<600.	NS	NS	NS	NS
2,6-Dinitrotoluene	µg/g	<200.	<200.	NS	NS	NS	NS
4-Bromophenylphenylether	µg/g	<200.	<200.	NS	NS	NS	NS
4-Chlorophenylphenylether	µg/g	<200.	<200.	NS	NS	NS	NS
4-Nitrophenol	µg/g	<600.	<600.	NS	NS	NS	NS
4,6-Dinitro-orthocresol	µg/g	<600.	<600.	NS	NS	NS	NS
Phenol (C6H-50H)	µg/g	<200.	<200.	NS	NS	NS	NS
Pentachlorophenol	µg/g	<600.	<600.	NS	NS	NS	NS
Bis (2-Ethylhexyl) Phthalate	µg/g	<200.	<200.	NS	NS	NS	NS
Di-n-butylphthalate	µg/g	<200.	<200.	NS	NS	NS	NS
PCN, total	µg/g	<2.	<5.	NS	NS	NS	NS
Aldrin	µg/g	<0.2	<0.5	NS	NS	NS	NS
Lindane	µg/g	<0.2	<0.5	NS	NS	NS	NS
Chlordane	µg/g	<2.	<5.	NS	NS	NS	NS

Table 57. Chemical analyses of bottom sediment collected at lake and reservoir sampling sites--Continued

[--, no data; NS, no sample]

Property or constituent	Units	Sampling site (see fig. 3)					
		L3	L1	L3	L1	L5	L6
DATE	mm/dd/yr	08/01/96	09/04/96	08/08/97	08/15/97	08/19/97	08/19/97
TIME OF DAY	HHMM	1245	1130	1500	1300	1200	1530
DDD	µg/g	<0.2	0.9	NS	NS	NS	NS
DDE	µg/g	<0.2	<0.9	NS	NS	NS	NS
DDT	µg/g	<0.2	<0.5	NS	NS	NS	NS
Dieldrin	µg/g	<0.2	<0.5	NS	NS	NS	NS
Endosulfan	µg/g	<0.2	<0.5	NS	NS	NS	NS
Endrin	µg/g	<0.2	<0.5	NS	NS	NS	NS
Toxaphene	µg/g	<20.	<50.	NS	NS	NS	NS
Heptachlor	µg/g	<0.2	<0.5	NS	NS	NS	NS
Heptachlor Epoxide	µg/g	<0.2	<0.5	NS	NS	NS	NS
Methoxychlor	µg/g	<1.6	<4.	NS	NS	NS	NS
PCB	µg/g	<2.	10.	NS	NS	NS	NS
Hexachlorobenzene	µg/g	<200.	<200.	NS	NS	NS	NS
Hexachlorobutadiene	µg/g	<200.	<200.	NS	NS	NS	NS
Mirex	µg/g	<0.2	<0.5	NS	NS	NS	NS
Perthane	µg/g	<2.	<5.	NS	NS	NS	NS

Table 58. Bulk chemistry of sediment trapped in culvert boxes
[--, no data]

Property or constituent	Units	Sampling sites (fig. 2)							
		CRD7	CRD7	CRD7	CRD7	CRD7	CRD7	CRD7	GRD6
DATE	mm/dd/yr	05/14/97	05/21/97	05/26/97	05/30/97	06/02/97	07/31/97	08/03/97	05/13/97
TIME OF DAY	(HHMM)	1600	1745	1800	1330	1615	1700	1600	1535
Nitrogen, ammonia, total as N	mg/kg	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	7.4	<0.2
Nitrogen, ammonia plus organic, total as N	mg/kg	200.	150.	160.	205.	260.	20.	50.	180.
Phosphorus, total as P	mg/kg	940.	500.	710.	360.	410.	120.	220.	280.
Copper, total as Cu	µg/g	14.	32.	32.	67.	19.	10.	10.	11.
Iron, total as Fe	µg/g	14,000.	16,000.	8,600.	12,000.	16,000.	19,000.	18,000.	7,000.
Lead, total as Pb	µg/g	<10.	<10.	<10.	<10.	<10.	<10.	<10.	<10.
Manganese, total as Mn	µg/g	220.	240.	220.	160.	250.	200.	190.	170.
Zinc, total as Zn	µg/g	43.	50.	34.	36.	45.	38.	37.	24.

Table 59. Chemical analyses of sediment collected at selected sampling sites
[--, no data; NS, no sample]

Property or constituent	Units	Sampling sites (see figs. 1 and 2)			
		CC6	GC9	C	GRD3
DATE	mm/dd/yr	09/01/95	09/01/95	09/01/95	09/01/95
TIME OF DAY	HHMM	1300	1530	1415	1400
Aluminum, total as Al	µg/g	4,100.	5,500.	4,500.	3,600.
Arsenic, total as As	µg/g	<1.	3.	<1.	<1.
Chromium, total as Cr	µg/g	20.	20.	20.	20.
Copper, total as Cu	µg/g	13.	35.	14.	6.
Iron, total as Fe	µg/g	24,000.	23,000.	14,000.	9,000.
Lead, total as Pb	µg/g	<10.	10.	20.	<10.
Manganese, total as Mn	µg/g	1,700.	690.	250.	150.
Mercury, total as Hg	µg/g	.02	<.01	<.01	<.01
Nickel, total as Ni	µg/g	10.	20.	10.	<10.
Zinc, total as Zn	µg/g	44.	170.	31.	15.
Loss on ignition	mg/kg	28,500.	155,000.	14,300.	7,790.
Chemical oxygen demand	mg/kg	12,000.	18,000.	17,000.	5,900.
Carbon, inorganic as C	g/kg	<.1	<.1	1.8	<.1
Carbon, total as C	g/kg	7.8	8.0	8.0	1.7

Table 60. Chemical data collected at snow-sampling sites

[--, no data]

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Specific conductance (µS/cm at 25 degrees Celsius)	pH, field (standard units)	Nitrogen, ammonia, dissolved (mg/L as N)	Nitrate, dissolved (mg/L as N)	Phosphorus, ortho, dissolved (mg/L as P)	Hardness, total (mg/L as $CaCO_3$)	Calcium, dissolved (mg/L as Ca)	Magnesium, dissolved (mg/L as Mg)	Sodium, dissolved (mg/L as Na)	Potassium, dissolved (mg/L as K)	Acid-neutralizing capacity, water, unfiltered, titration to 4.5, lab (mg/L as $CaCO_3$)	Sulfate, dissolved (mg/L as SO_4)
SN2	1996.04.05	1100	8.	5.3	.036	.09	<.01	<1.	.15	.02	.06	.15	<.5	.23
SN1	1996.04.05	1500	9.	4.9	.028	.08	<.01	1.	.18	.04	.06	.11	<.5	.21
SN1	1997.04.17	1100	6.	6.9	.107	.2	<.01	2.	.83	.05	<.2	--	--	.47
SN2	1997.04.17	1330	4.	6.8	.097	<.01	<.01	2.	.68	.04	<.2	--	--	.42

Station number (fig. 3)	Date (YYYY.MM.DD)	Time (HHMM)	Chloride, dissolved (mg/L as Cl)	Fluoride, dissolved (mg/L as F)	Silica, dissolved (mg/L as SiO_2)	Copper total (µg/L as Cu)	Copper dissolved (µg/L as Cu)	Iron, total (µg/L as Fe)	Iron, dissolved (µg/L as Fe)	Lead, total (µg/L as Pb)	Manganese total (µg/L as Mn)	Manganese dissolved (µg/L as Mn)	Zinc, total (µg/L as Zn)	Zinc, dissolved (µg/L as Zn)
SN2	1996.04.05	1100	--	<.01	<.1	<1.	--	120.	--	<1.	<10.	--	40.	--
SN1	1996.04.05	1500	--	<.01	<.1	1.	--	950.	--	<1.	<30.	--	60.	--
SN1	1997.04.17	1100	.12	.01	.07	--	<1.	--	7.	--	--	<12.	--	9.
SN2	1997.04.17	1330	.08	<.01	.04	--	<1.	--	5.	--	--	9.	--	11.

Table 61. Bulk atmospheric-deposition data

[--, no data]

Site (fig. 2)	Side of road	Date collector deployed (mm/dd/yy)	Date collector retrieved (mm/dd/yy)	Number of days deployed	Distance from road (ft)	Area of collector opening (ft^2)	Solids weight <2mm (mg)	Solids weight >2mm (mg)	Total solids weight (mg)	Deposition rate of particles <2mm ($mg/ft^2/d$)	Mean deposition rate of triplicate <2mm ($mg/ft^2/d$)	Deposition rate of total solids ($mg/ft^2/d$)
G	east	08/06/96	10/01/96	56	10.	0.688	7,560.	--	--	196.	177.	--
G	east	08/06/96	10/01/96	56	10.	0.688	5,540.	--	--	144.	--	--
G	east	08/06/96	10/01/96	56	10.	0.688	7,380.	--	--	192.	--	--
G	east	08/06/96	10/01/96	56	20.	0.688	2,780.	--	--	72.	100.	--
G	east	08/06/96	10/01/96	56	20.	0.688	4,420.	--	--	115.	--	--
G	east	08/06/96	10/01/96	56	20.	0.688	4,300.	--	--	112.	--	--
G	east	08/06/96	10/01/96	56	30.	0.688	2,400.	--	--	62.	58.	--
G	east	08/06/96	10/01/96	56	30.	0.688	2,120.	--	--	55.	--	--
G	east	08/06/96	10/01/96	56	30.	0.688	2,230.	--	--	58.	--	--
G	east	08/06/96	10/01/96	56	50.	0.688	1,810.	--	--	47.	46.	--
G	east	08/06/96	10/01/96	56	50.	0.688	1,790.	--	--	46.	--	--
G	east	08/06/96	10/01/96	56	50.	0.688	1,720.	--	--	45.	--	--
G	east	08/06/96	10/01/96	56	100.	0.688	694.	--	--	18.	18.	--
G	east	08/06/96	10/01/96	56	100.	0.688	750.	--	--	19.	--	--
G	east	08/06/96	10/01/96	56	100.	0.688	690.	--	--	18.	--	--
G	east	08/06/96	10/01/96	56	150.	0.688	479.	--	--	12.	13.	--
G	east	08/06/96	10/01/96	56	150.	0.688	485.	--	--	13.	--	--
G	east	08/06/96	10/01/96	56	150.	0.688	508.	--	--	13.	--	--
G	east	08/06/96	10/01/96	56	200.	0.688	407.	--	--	11.	11.	--
G	east	08/06/96	10/01/96	56	200.	0.688	417.	--	--	11.	--	--
G	east	08/06/96	10/01/96	56	200.	0.688	383.	--	--	10.	--	--
G	east	08/06/96	10/01/96	56	500.	0.688	220.	--	--	6.	6.	--
G	east	08/06/96	10/01/96	56	500.	0.688	186.	--	--	5.	--	--
G	east	08/06/96	10/01/96	56	500.	0.688	244.	--	--	6.	--	--
G	west	08/06/96	10/01/96	56	10.	0.688	96,400.	--	--	2,500.	2,310.	--
G	west	08/06/96	10/01/96	56	10.	0.688	67,500.	--	--	1,750.	--	--
G	west	08/06/96	10/01/96	56	10.	0.688	103,000.	--	--	2,670.	--	--
G	west	08/06/96	10/01/96	56	20.	0.688	9,470.	--	--	246.	263.	--
G	west	08/06/96	10/01/96	56	20.	0.688	10,500.	--	--	273.	--	--
G	west	08/06/96	10/01/96	56	20.	0.688	10,400.	--	--	270.	--	--
G	west	08/06/96	10/01/96	56	30.	0.688	4,240.	--	--	110.	86.	--
G	west	08/06/96	10/01/96	56	30.	0.688	2,610.	--	--	68.	--	--
G	west	08/06/96	10/01/96	56	30.	0.688	3,120.	--	--	81.	--	--
G	west	08/06/96	10/01/96	56	50.	0.688	1,040.	--	--	27.	24.	--

Table 61. Bulk atmospheric-deposition data--Continued

[--, no data]

Site (fig. 2)	Side of road	Date collector deployed (mm/dd/yy)	Date collector retrieved (mm/dd/yy)	Number of days deployed	Distance from road (ft)	Area of collector opening (ft^2)	Solids weight <2mm (mg)	Solids weight >2mm (mg)	Total solids weight (mg)	Deposition rate of particles <2mm ($mg/ft^2/d$)	Mean deposition rate of triplicate <2mm ($mg/ft^2/d$)	Deposition rate of total solids ($mg/ft^2/d$)
G	west	08/06/96	10/01/96	56	50.	0.688	880.	--	--	23.	--	--
G	west	08/06/96	10/01/96	56	50.	0.688	890.	--	--	23.	--	--
G	west	08/06/96	10/01/96	56	100.	0.688	240.	--	--	6.	7.	--
G	west	08/06/96	10/01/96	56	100.	0.688	285.	--	--	7.	--	--
G	west	08/06/96	10/01/96	56	100.	0.688	280.	--	--	7.	--	--
G	west	08/06/96	10/01/96	56	150.	0.688	247.	--	--	6.	5.	--
G	west	08/06/96	10/01/96	56	150.	0.688	224.	--	--	6.	--	--
G	west	08/06/96	10/01/96	56	150.	0.688	168.	--	--	4.	--	--
G	west	08/06/96	10/01/96	56	200.	0.688	299.	--	--	8.	8.	--
G	west	08/06/96	10/01/96	56	200.	0.688	290.	--	--	8.	--	--
G	west	08/06/96	10/01/96	56	200.	0.688	321.	--	--	8.	--	--
G	west	08/06/96	10/01/96	56	500.	0.688	105.	--	--	3.	3.	--
G	west	08/06/96	10/01/96	56	500.	0.688	92.	--	--	2.	--	--
G	west	08/06/96	10/01/96	56	500.	0.688	144.	--	--	4.	--	--
L	west	08/01/97	09/30/97	61	10.	0.688	12,472.	0.	12,472.	297.	232.	297.0
L	west	08/01/97	09/30/97	61	10.	0.688	8,515.	946.	9,461.	203.	--	225.0
L	west	08/01/97	09/30/97	61	10.	0.688	8,168.	50.	8,218.	195.	--	196.0
L	west	08/01/97	09/30/97	61	16.	0.688	6,406.	0.	6,406.	153.	91.	153.0
L	west	08/01/97	09/30/97	61	16.	0.688	2,763.	0.	2,763.	65.8	--	65.8
L	west	08/01/97	09/30/97	61	16.	0.688	2,295.	0.	2,295.	54.7	--	54.7
L	west	08/01/97	09/30/97	61	33.	0.688	3,212.	0.	3,212.	76.5	89.	76.5
L	west	08/01/97	09/30/97	61	33.	0.688	4,006.	0.	4,006.	95.5	--	95.5
L	west	08/01/97	09/30/97	61	33.	0.688	4,000.	0.	4,000.	95.3	--	95.3
L	west	08/01/97	09/30/97	61	49.	0.688	2,333.	0.	2,333.	55.6	51.	55.6
L	west	08/01/97	09/30/97	61	49.	0.688	1,852.	0.	1,852.	44.1	--	44.1
L	west	08/01/97	09/30/97	61	49.	0.688	2,236.	0.	2,236.	53.3	--	53.3
L	west	08/01/97	09/30/97	61	115.	0.688	1,430.	0.	1,430.	34.1	65.	34.1
L	west	08/01/97	09/30/97	61	115.	0.688	3,504.	0.	3,504.	83.5	--	83.5
L	west	08/01/97	09/30/97	61	115.	0.688	3,247.	0.	3,247.	77.4	--	77.4
L	west	08/01/97	09/30/97	61	197.	0.688	1,733.	0.	1,733.	41.3	50.	41.3
L	west	08/01/97	09/30/97	61	197.	0.688	2,759.	0.	2,759.	65.7	--	65.7
L	west	08/01/97	09/30/97	61	197.	0.688	1,771.	0.	1,771.	42.2	--	42.2
L	west	08/01/97	09/30/97	61	394.	0.688	611.	0.	611.	14.6	12.	14.6
L	west	08/01/97	09/30/97	61	394.	0.688	433.	0.	433.	10.3	--	10.3

Table 61. Bulk atmospheric-deposition data--Continued

[--, no data]

Site (fig. 2)	Side of road	Date collector deployed (mm/dd/yy)	Date collector retrieved (mm/dd/yy)	Number of days deployed	Distance from road (ft)	Area of collector opening (ft^2)	Solids weight <2mm (mg)	Solids weight >2mm (mg)	Total solids weight (mg)	Deposition rate of particles <2mm ($mg/ft^2/d$)	Mean deposition rate of triplicate <2mm ($mg/ft^2/d$)	Deposition rate of total solids ($mg/ft^2/d$)
L	west	08/01/97	09/30/97	61	394.	0.688	431.	0.	431.	10.3	--	10.3
M	west	08/01/97	09/30/97	61	10.	0.688	7,446.	50.	7,496.	177.	218.	179.0
M	west	08/01/97	09/30/97	61	10.	0.688	10,483.	310.	10,793.	250.	--	257.0
M	west	08/01/97	09/30/97	61	10.	0.688	9,578.	0.	9,578.	228.	--	228.0
M	west	08/01/97	09/30/97	61	16.	0.688	5,520.	0.	5,520.	132.	139.	132.0
M	west	08/01/97	09/30/97	61	16.	0.688	6,174.	0.	6,174.	147.	--	147.0
M	west	08/01/97	09/30/97	61	16.	0.688	5,816.	0.	5,816.	139.	--	139.0
M	west	08/01/97	09/30/97	61	49.	0.688	3,013.	0.	3,013.	71.8	65.	71.8
M	west	08/01/97	09/30/97	61	49.	0.688	2,696.	0.	2,696.	64.2	--	64.2
M	west	08/01/97	09/30/97	61	49.	0.688	2,486.	0.	2,486.	59.2	--	59.2
M	west	08/01/97	09/30/97	61	98.	0.688	1,175.	0.	1,175.	28.0	25.	28.0
M	west	08/01/97	09/30/97	61	98.	0.688	971.	0.	971.	23.1	--	23.1
M	west	08/01/97	09/30/97	61	98.	0.688	1,039.	0.	1,039.	24.8	--	24.8
M	west	08/01/97	09/30/97	61	131.	0.688	735.	0.	735.	17.5	17.	17.5
M	west	08/01/97	09/30/97	61	131.	0.688	796.	0.	796.	19.0	--	19.0
M	west	08/01/97	09/30/97	61	131.	0.688	641.	0.	641.	15.3	--	15.3
M	west	08/01/97	09/30/97	61	197.	0.688	845.	0.	845.	20.1	33.	20.1
M	west	08/01/97	09/30/97	61	197.	0.688	1,604.	0.	1,604.	38.2	--	38.2
M	west	08/01/97	09/30/97	61	197.	0.688	1,645.	0.	1,645.	39.2	--	39.2
M	west	08/01/97	09/30/97	61	328.	0.688	1,114.	0.	1,114.	26.5	17.	26.5
M	west	08/01/97	09/30/97	61	328.	0.688	502.	0.	502.	12.0	--	12.0
M	west	08/01/97	09/30/97	61	328.	0.688	576.	0.	576.	13.7	--	13.7
N	west	08/01/97	09/30/97	61	10.	0.688	--	870.	--	--	--	--
N	west	08/01/97	09/30/97	61	10.	0.688	--	1,610.	--	--	--	--
N	west	08/01/97	09/30/97	61	10.	0.688	--	8,890.	--	--	--	--
N	west	08/01/97	09/30/97	61	33.	0.688	984.	0.	984.	23.4	25.	23.4
N	west	08/01/97	09/30/97	61	33.	0.688	1,234.	0.	1,234.	29.4	--	29.4
N	west	08/01/97	09/30/97	61	33.	0.688	936.	0.	936.	22.3	--	22.3
N	west	08/01/97	09/30/97	61	49.	0.688	913.	0.	913.	21.8	16.	21.8
N	west	08/01/97	09/30/97	61	49.	0.688	808.	0.	808.	19.2	--	19.2
N	west	08/01/97	09/30/97	61	49.	0.688	250.	0.	250.	5.9	--	5.9
N	west	08/01/97	09/30/97	61	66.	0.688	842.	0.	842.	20.1	21.	20.1
N	west	08/01/97	09/30/97	61	66.	0.688	728.	0.	728.	17.3	--	17.3

Table 61. Bulk atmospheric-deposition data--Continued

[--, no data]

Site (fig. 2)	Side of road	Date collector deployed (mm/dd/yy)	Date collector retrieved (mm/dd/yy)	Number of days deployed	Distance from road (ft)	Area of collector opening (ft^2)	Solids weight <2mm (mg)	Solids weight >2mm (mg)	Total solids weight (mg)	Deposition rate of particles <2mm ($mg/ft^2/d$)	Mean deposition rate of triplicate <2mm ($mg/ft^2/d$)	Deposition rate of total solids ($mg/ft^2/d$)
N	west	08/01/97	09/30/97	61	66.	0.688	1,061.	0.	1,061.	25.3	--	25.3
N	west	08/01/97	09/30/97	61	98.	0.688	470.	0.	470.	11.2	13.	11.2
N	west	08/01/97	09/30/97	61	98.	0.688	622.	0.	622.	14.8	--	14.8
N	west	08/01/97	09/30/97	61	98.	0.688	501.	0.	501.	11.9	--	11.9
N	west	08/01/97	09/30/97	61	197.	0.688	274.	0.	274.	6.5	7.	6.5
N	west	08/01/97	09/30/97	61	197.	0.688	306.	0.	306.	7.3	--	7.3
N	west	08/01/97	09/30/97	61	197.	0.688	283.	0.	283.	6.7	--	6.7
N	west	08/01/97	09/30/97	61	262.	0.688	863.	0.	863.	20.6	11.	20.6
N	west	08/01/97	09/30/97	61	262.	0.688	269.	0.	269.	6.4	--	6.4
N	west	08/01/97	09/30/97	61	262.	0.688	272.	0.	272.	6.5	--	6.5
N	west	08/01/97	09/30/97	61	492.	0.688	433.	0.	433.	10.3	11.	10.3
N	west	08/01/97	09/30/97	61	492.	0.688	481.	0.	481.	11.5	--	11.5
N	west	08/01/97	09/30/97	61	492.	0.688	506.	0.	506.	12.0	--	12.0

Table 62. Particle-size analyses of bulk atmospheric-deposition samples, water years 1996-97

[--, no data]

Site (fig. 2)	Distance from road (ft)	Percentage of particles finer than size in millimeters (<2-mm fraction)							Percentage of particles finer than size in millimeters (total sample)					
		2	1	0.5	0.25	0.125	0.062	%>2-mm	2	1	0.5	0.25	0.125	0.062
L	10.	100.	97.	88.	70.	57.	45.	0.	100.	97.	88.	70.	57.	45.
L	10.	100.	83.	79.	67.	59.	51.	10.	90.	83.	79.	67.	59.	51.
L	10.	100.	98.	91.	73.	61.	50.	1.	99.	97.	91.	73.	61.	50.
L	16.	100.	88.	81.	69.	63.	57.	0.	100.	88.	81.	69.	63.	57.
L	16.	100.	99.	97.	92.	90.	76.	0.	100.	99.	97.	92.	90.	76.
L	16.	100.	100.	100.	95.	90.	82.	0.	100.	100.	100.	95.	90.	82.
L	33.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	33.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	33.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	49.	100.	100.	98.	97.	94.	89.	0.	100.	100.	98.	97.	94.	89.
L	49.	100.	100.	100.	86.	76.	66.	0.	100.	100.	100.	86.	76.	66.
L	49.	100.	99.	98.	94.	89.	84.	0.	100.	99.	98.	94.	89.	84.
L	115.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	115.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	115.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	394.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	394.	--	--	--	--	--	--	--	--	--	--	--	--	--
L	394.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	10.	100.	100.	97.	92.	89.	75.	1.	99.	99.	96.	92.	88.	74.
M	10.	100.	100.	98.	94.	92.	80.	3.	97.	97.	95.	91.	90.	78.
M	10.	100.	99.	99.	96.	94.	81.	0.	100.	99.	99.	96.	94.	81.
M	16.	100.	100.	100.	99.	98.	89.	0.	100.	100.	100.	99.	98.	89.
M	16.	100.	100.	98.	97.	96.	88.	0.	100.	100.	98.	97.	96.	88.
M	16.	100.	100.	99.	98.	96.	87.	0.	100.	100.	99.	98.	96.	87.
M	49.	100.	100.	100.	100.	98.	94.	0.	100.	100.	100.	100.	98.	94.
M	49.	100.	100.	100.	99.	98.	95.	0.	100.	100.	100.	99.	98.	95.
M	49.	100.	100.	100.	99.	97.	93.	0.	100.	100.	100.	99.	97.	93.
M	98.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	98.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	98.	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 62. Particle-size analyses of bulk atmospheric-deposition samples, water years 1996-97--Continued

[--, no data]

Site (fig. 2)	Distance from road (ft)	Percentage of particles finer than size in millimeters (<2-mm fraction)							Percentage of particles finer than size in millimeters (total sample)					
		2	1	0.5	0.25	0.125	0.062	%>2-mm	2	1	0.5	0.25	0.125	0.062
M	131.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	131.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	131.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	328.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	328.	--	--	--	--	--	--	--	--	--	--	--	--	--
M	328.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	10.	100.	95.	80.	59.	44.	30.	--	--	--	--	--	--	--
N	10.	100.	96.	80.	59.	44.	32.	--	--	--	--	--	--	--
N	10.	100.	95.	82.	63.	49.	36.	--	--	--	--	--	--	--
N	33.	100.	100.	98.	94.	92.	85.	0.	100.	100.	98.	94.	92.	85.
N	33.	100.	100.	100.	98.	94.	87.	0.	100.	100.	100.	98.	94.	87.
N	33.	100.	95.	93.	86.	80.	75.	0.	100.	95.	93.	86.	80.	75.
N	49.	100.	100.	100.	94.	91.	89.	0.	100.	100.	100.	94.	91.	89.
N	49.	100.	100.	100.	98.	94.	86.	0.	100.	100.	100.	98.	94.	86.
N	49.	100.	100.	100.	81.	54.	29.	0.	100.	100.	100.	81.	54.	29.
N	66.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	66.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	66.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	98.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	98.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	98.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	197.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	262.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	262.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	262.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	492.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	492.	--	--	--	--	--	--	--	--	--	--	--	--	--
N	492.	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 63. Particle-size data for sediment trapped in sediment box at road-runoff sites

[--, no data]

Site (fig. 2)	Date of collection (mm/dd/yy)	Time (HHMM)	Percentage finer than size in millimeters									
			32	16	8	4	2	1	0.5	0.25	0.125	0.062
CRD7	05/25/96	1615	100.	100.	98.	94.	83.	56.	22.	6.	2.	.6
CRD7	06/17/96	1740	100.	100.	100.	100.	95.	75.	30.	6.	1.	.5
CRD7	09/14/96	1200	100.	100.	89.	65.	42.	23.	12.	4.	2.	.9
CRD7	09/25/96	1200	100.	91.	86.	82.	77.	69.	61.	50.	38.	22.
CRD7	07/28/97	1605	100.	100.	99.	93.	80.	59.	34.	14.	6.	2.
CRD7	08/03/97	1200	100.	100.	97.	84.	68.	46.	24.	7.	3.	1.
CRD7	08/09/97	1300	100.	100.	90.	68.	52.	33.	13.	3.	1.	.6
CRD7	09/03/97	1200	100.	98.	85.	65.	50.	35.	18.	7.	2.	.8
CRD8	07/21/97	1620	100.	100.	100.	96.	82.	50.	17.	3.	.5	.2
GRD6	05/25/97	1720	100.	100.	89.	72.	57.	41.	25.	12.	6.	2.
GRD6	07/09/97	2330	100.	100.	85.	59.	38.	24.	16.	10.	6.	4.

Table 64. Water-quality data for field blanks collected from 1995 to 1997 water years.
[--, not analyzed; <, less than; >, greater than]

Constituent or property	Date/Time	6-14-95	5-31-96	7-22-96	7-22-96	7-30-96	9-12-96	10-7-96	11-19-96	5-28-97	7-23-97	9-9-97
	Units	1635	1900	1200	1230	1330	1610	1200	1200	1430	1600	1730
Specific conductance	µS/cm	2.	4.	--	--	--	1.	--	--	1.52	1.6	1.82
Calcium, dissolved	mg/L	<.02	.02	--	.12	.007	<.02	.019	.022	--	--	<.02
Magnesium, dissolved	mg/L	<.01	<.01	--	.013	.001	<.01	.006	.003	--	--	<.01
Sodium, dissolved	mg/L	<.2	<.2	--	.051	<.03	<.2	<.025	<.025	--	--	<.2
Potassium, dissolved	mg/L	<.1	<.1	--	--	--	<.1	--	--	--	--	<.1
Acid neutralizing capacity, lab as $CaCO_3$	mg/L	1.2	--	--	--	--	--	--	--	--	--	1.8
Sulfate, dissolved	mg/L	<.1	<.1	--	--	--	<.1	--	--	<.1	<.1	<.1
Chloride, dissolved	mg/L	<.1	<.1	--	--	--	<.1	--	--	<.1	<.1	<.1
Fluoride, dissolved	mg/L	<.1	--	--	--	--	--	--	--	--	--	<.1
Silica, dissolved	mg/L	<.01	.33	--	.057	<.02	<.01	.043	<.02	--	--	<.01
Dissolved solids, residue at 180°C	mg/L	<1.	26.	--	--	--	<1.	--	--	--	--	<1.
Nitrite, dissolved as N	mg/L	<.01	--	--	.001	.001	--	.001	--	--	--	--
Nitrite plus nitrate, dissolved as N	mg/L	<.05	.005	--	<.005	<.005	<.005	<.005	--	<.005	<.005	<.005
Nitrogen, ammonia, dissolved as N	mg/L	.03	--	--	.006	.006	--	<.002	--	<.002	.004	<.002
Nitrogen, ammonia plus organic, dissolved as N	mg/L	<.2	--	--	--	--	--	--	--	--	--	--
Nitrogen, ammonia plus organic, total as N	mg/L	<.2	--	--	--	--	<.2	--	--	<.2	<.2	<.2
Phosphorus, total as P	mg/L	.02	--	--	--	--	<.001	--	--	.002	<.001	<.001
Phosphorus, dissolved as P	mg/L	<.01	--	--	--	--	--	--	--	--	<.001	--
Phosphorus, dissolved orthophosphate as P	mg/L	<.01	--	--	<.001	.002	--	<.001	--	<.001	<.001	<.001
Aluminum, total as Al	µg/L	<10.	--	--	--	--	--	--	--	--	--	--
Aluminum, dissolved as Al	µg/L	4.	--	--	.78	<.3	--	1.13	<.3	--	--	--
Antimony, dissolved as Sb	µg/L	<1.	--	--	<.2	<.2	--	<.2	<.2	--	--	--
Arsenic, total as As	µg/L	<1.	--	--	--	--	--	--	--	--	--	--
Barium, total as Ba	µg/L	<100.	--	--	--	--	--	--	--	--	--	--
Barium, dissolved as Ba	µg/L	<1.	--	--	.24	<.2	--	<.2	<.2	--	--	--
Beryllium, total as Be	µg/L	<10.	--	--	--	--	--	--	--	--	--	--
Beryllium, dissolved as Be	µg/L	<1.	--	--	<.2	<.2	--	<.2	<.2	--	--	--
Cadmium, total as Cd	µg/L	<1.	--	--	--	--	--	--	--	--	--	--
Cadmium, dissolved as Cd	µg/L	<1.	--	--	<.3	<.3	--	<.3	<.3	--	--	--
Chromium, total as Cr	µg/L	<1.	--	--	--	--	--	--	--	--	--	--
Chromium, dissolved as Cr	µg/L	<1.	--	--	<.2	<.2	--	<.2	<.2	--	--	--
Cobalt, total as Co	µg/L	<1.	--	--	--	--	--	--	--	--	--	--
Cobalt, dissolved as Co	µg/L	<1.	--	--	<.2	<.2	--	<.2	<.2	--	--	--
Copper, total as Cu	µg/L	<1.	<1.	--	--	--	<1.	--	--	<1.	<1.	<1.
Copper, dissolved as Cu	µg/L	<1.	<.5	--	<.2	<.2	<.5	.28	<.2	<1.	<1.	<1.
Iron, total as Fe	µg/L	30.	<10.	--	--	--	<10.	--	--	<10.	<10.	<10.
Iron, dissolved as Fe	µg/L	4.	<3.	--	<3.	<3.	<3.	3.12	<3.	<3.	<3.	<3.
Lead, total as Pb	µg/L	<1.	<1.	--	--	--	<1.	--	--	<.1	<.1	<1.
Lead, dissolved as Pb	µg/L	<1.	--	--	<.3	<.3	--	<.3	<.3	--	--	<1.
Manganese, total as Mn	µg/L	<10.	<10.	--	--	--	<10.	--	--	<10.	<10.	<10.
Manganese, dissolved as Mn	µg/L	<1.	<1.	--	.11	.11	<1.	<.1	<.1	<1.	<1.	<1.
Mercury, total as Hg	µg/L	<.1	--	--	--	--	--	--	--	--	--	--
Molybdenum, total as Mo	µg/L	<1.	--	--	--	--	--	--	--	--	--	--
Molybdenum, dissolved as Mo	µg/L	<1.	--	--	<.2	<.2	--	<.2	<.2	--	--	--
Nickel, total as Ni	µg/L	<1.	--	--	--	--	--	--	--	--	--	--
Nickel, dissolved as Ni	µg/L	<1.	--	--	<.5	<.5	--	<.5	<.5	--	--	--
Selenium, total as Se	µg/L	<1.	--	--	--	--	--	--	--	--	--	--
Silver, total as Ag	µg/L	<1.	--	--	--	--	--	--	--	--	--	--
Silver, dissolved as Ag	µg/L	2.	--	--	<.2	<.2	--	<.2	<.2	--	--	--
Zinc, total as Zn	µg/L	<10.	<10.	--	--	--	<10.	--	--	<10.	<10.	<10.
Zinc, dissolved as Zn	µg/L	<1.	11.	--	10.	1.45	<3.	5.5	1.47	<3.	<3.	<3.
Uranium, natural dissolved	µg/L	<1.	<1.	--	<.2	<.2	--	<.2	<.2	--	--	--
Carbon, organic total as C	mg/L	.4	--	--	--	--	--	--	--	--	--	--
Carbon, organic dissolved as C	mg/L	24.	--	.2	.4	--	--	--	--	--	--	--

Table 65. Water-quality data from replicate sample pairs, water years 1996-97

[RPD, relative percent difference in percent; --, no data; <, less than]

Constituent or property	Date/time	5-2-96/1318			6-6-96/2115			5-29-97/1040			6-4-97/1400		
	Units	Sample	Replicate	RPD	Sample	Replicate	RPD	Sample	Replicate	RPD	Sample	Replicate	RPD
Specific conductance	µS/cm	56.	55.	1.8	49.	52.	5.9	40.	41.	2.5	60.	60.	0.
Calcium, dissolved	mg/L	5.8	5.8	0.	4.6	4.6	0.	--	--	--	6.8	6.7	1.5
Magnesium, dissolved	mg/L	1.3	1.3	0.	1.4	1.4	0.	--	--	--	2.4	2.4	0.
Sodium, dissolved	mg/L	1.9	1.9	0.	1.3	1.3	0.	--	--	--	1.2	1.2	0.
Potassium, dissolved	mg/L	1.	1.	0.	.7	.7	0.	--	--	--	.8	.8	0.
Acid neutralizing capacity, lab as $CaCO_3$	mg/L	22.	--	--	10.	--	--	--	--	--	25.	25.	0.
Sulfate, dissolved	mg/L	4.5	4.5	0.	11.	11.	0.	2.8	3.	6.9	3.2	3.1	3.2
Chloride, dissolved	mg/L	.7	.7	0.	.3	1.9	146.	.2	.2	0.	.5	.5	0.
Fluoride, dissolved	mg/L	--	--	--	--	--	--	--	--	--	--	--	--
Silica, dissolved	mg/L	8.1	8.1	0.	6.9	6.8	1.5	--	--	--	5.8	5.8	0.
Dissolved solids, residue at 180°C	mg/L	48.	52.	8.	52.	44.	17.	--	--	--	45.	46.	2.2
Nitrite plus nitrate, dissolved as N	mg/L	.100	.088	13.	.071	.067	5.8	.06	.063	4.9	.058	.059	1.7
Nitrogen, ammonia, dissolved as N	mg/L	--	--	--	--	--	--	<.002	.002	0.	<.002	<.002	0.
Nitrogen, ammonia plus organic, total as N	mg/L	<.2	<.2	0.	.3	.3	0.	<.2	<.2	0.	<.2	<.2	0.
Phosphorus, total as P	mg/L	.008	.006	29.	.021	.009	80.	.006	.006	0.	.016	.014	13.
Phosphorus, dissolved orthophosphate as P	mg/L	--	--	--	--	--	--	<.001	<.001	0.	<.001	.001	0.
Copper, total as Cu	µg/L	5.	<1.	130.	5.	6.	18.	<1.	<1.	0.	2.	1.	67.
Copper, dissolved as Cu	µg/L	<.5	<.5	0.	2.	3.	40.	<1.	<1.	0.	2.	1.	67.
Iron, total as Fe	µg/L	290.	300.	3.4	1,200.	1,800.	40.	90.	110.	20.	740.	710.	4.1
Iron, dissolved as Fe	µg/L	140.	130.	7.4	170.	140.	19.	46.	37.	22.	96.	97.	1.
Lead, total as Pb	µg/L	<1.	<1.	0.	<1.	1.	0.	<1.	<1.	0.	<1.	<1.	0.
Lead, dissolved as Pb	µg/L	--	--	--	--	--	--	--	--	--	<1.	<1.	0.
Manganese, total as Mn	µg/L	10.	10.	0.	90.	110.	20.	<10.	<10.	0.	20.	20.	0.
Manganese, dissolved as Mn	µg/L	9.	9.	0.	68.	63.	7.6	1.	<1.	0.	8.	8.	0.
Zinc, total as Zn	µg/L	<10.	<10.	0.	30.	30.	0.	<10.	<10.	0.	<10.	<10.	0.
Zinc, dissolved as Zn	µg/L	<3.	<3.	0.	21.	20.	4.9	3.	4.	29.	7.	<3.	80.

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