Precipitation, Streamflow, and Water-Quality Data from Selected Sites in the City of Charlotte and Mecklenburg County, North Carolina, 1993-95

By J.B. Robinson, W.F. Hazell, and R.G. Garrett

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ABSTRACT

Precipitation and hydrologic data were collected at 28 precipitation sites and 8 stream sites in the city of Charlotte and Mecklenburg County from October 1993 through June 1995 to identify the type, concentration, and amount of nonpoint-source stormwater runoff within the area. The data collected include measurements of precipitation; streamflow; physical characteristics, such as water temperature, pH, specific conductance, biochemical oxygen demand, oil and grease, and suspended sediment concentrations; and concentrations of nutrients, metals and minor constituents, and organic compounds.

These data should provide valuable information needed for (1) planned watershed simulation models, (2) early warning of possible flooding, (3) estimates of nonpoint-source constituent loadings to the Catawba River, and (4) characterization of water quality in relation to basin conditions.

INTRODUCTION

In 1992, the U.S. Geological Survey (USGS), in cooperation with the Western Piedmont Council of Governments, began an investigation of water quality in the upper Catawba River Basin, from the headwaters to Lookout Shoals Dam. The objectives of the study were to collect and interpret water-quality data from streams and for reservoirs in the region, and to develop an unsteady circulation and transport model for the reservoirs in the area.

In October 1993, the USGS, in cooperation with the City of Charlotte and Mecklenburg County, began a similar study in the Catawba River Basin between Lookout Shoals Dam and Lake Wylie Dam. Study efforts for the City of Charlotte were focused on characterizing stormwater quantity and quality from selected land uses, information on nonpoint-source loadings to the Catawba River, and installation and operation of a precipitation network. Study efforts for Mecklenburg County were focused on Mountain Island Lake and included inflow sampling from two basins, outflow sampling, and reservoir monitoring.

The South Carolina District of the USGS is conducting an investigation of water quality in the Catawba Basin downstream from Lake Wylie. The Catawba River Basin is also part of the USGS National Water-Quality Assessment (NAWQA) Programs's Santee-Coastal Basin study unit. These four studies will provide consistent methods of data collection, interpretation, and modeling techniques for the Catawba River Basin.

Purpose and Scope

The purpose of this report is to summarize the precipitation and hydrologic data collected in Charlotte and Mecklenburg County from October 1993 through June 1995. The data collected include measurements of precipitation; streamflow; physical characteristics, such as water temperature, pH, specific conductance, biochemical oxygen demand, oil and grease, and suspended sediment concentrations; and concentrations of nutrients, metals and minor

constituents, and organic compounds. This report also describes the field and laboratory methods used to collect and analyze these data.

The data-collection network that was initiated in October 1993 with the City of Charlotte and Mecklenburg County consists of 28 precipitation sites and 8 stream sites, which are needed to determine the effects of land development on water quality and to evaluate the effectiveness of control measures (fig. 1). Six of the sites define runoff characteristics from streams with differing land-use characteristics within the city, and two of the sites define runoff characteristics from streams located within the county. These data should provide valuable information needed for stormwater management, estimates of nonpoint-source constituent loadings to the Catawba River, and information needed to calibrate watershed models necessary for evaluating stormwater management options.

Study Area and Sites

Mecklenburg County is located in south-central North Carolina within the southern Piedmont Province and covers an area of 528 square miles. The county is bounded on the west by the Catawba River and its reservoirs, Lake Norman, Mountain Island Lake, and Lake Wylie (fig. 1). The Catawba River drains approximately 75 percent of the county. The remaining 25 percent is drained by the Rocky River and its tributaries in the Pee Dee River Basin (McCachren, 1980). Lake Norman is the major water-supply reservoir for several municipalities in northern Mecklenburg County. Mountain Island Lake supplies Charlotte and several other municipalities in Mecklenburg and surrounding counties.

Charlotte is the principal municipality in Mecklenburg County and the largest city in North Carolina with a 1994 population in the metropolitan area of 458,000—an increase of almost 150,000 persons since 1980 (Steve Patterson, City of Charlotte Planning Office, oral commun., 1995). The city covers an area of 213 square miles, or approximately 40 percent of the county. Most of the urban area is drained by four large creeks—Irwin, Little Sugar, McAlpine, and Briar (fig. 1). Irwin, Little Sugar, and McAlpine Creeks receive effluent from Charlotte wastewater-treatment plants, as well as discharge from smaller dischargers.

The climate of the study area is characterized by hot, humid summers, moderate but short winters, and long growing seasons. The mean monthly temperature ranges from about 41°F in January to about 79 °F in July. Precipitation in the study area averages about 43 inches per year (in/yr) (McCachren, 1980). The topography is characterized by broad, gently rolling interstream areas and by steeper slopes along the drainageways. The elevation of the study area has a range of 520 feet (ft) above mean sea level at the State line south of Pineville to about 830 ft in the extreme northern portion of the county (McCachren, 1980). The area is predominately underlain by granite with some slate in the southeast (LeGrand and Mundorff, 1952). The soils in the study area are described as well drained sandy loams with a clayey subsoil (McCachren, 1980).

Precipitation Sites

Since 1963, the USGS has collected precipitation data at various locations throughout Charlotte and Mecklenburg County. Twenty-five raingages installed between October 1992 and June 1995 combined with three existing raingages provide precipitation data for this report (fig. 1; table 1). The primary criterion for site selection of raingage locations was to provide good areal coverage of Charlotte and Mecklenburg County. Consideration also was given to providing optimum precipitation data for water-quality sampling events and combining installations with existing stream-gaging locations. Three raingages were installed with water-quality sampling sites—sites 33, 34, and 37. Three raingages were installed at existing USGS stream-gaging stations—sites 3, 5, and 6 (fig. 1; table 1).

Twenty-nine named stream basins are covered by the raingage locations, including all major stream basins in Charlotte and Mecklenburg County. Basin coverage of raingage locations are illustrated in figure 1. Raingages located in specific stream subbasins are shown in figure 2. Two raingages, sites 14 and 18, are located on basin divides and, therefore, represent rainfall coverage in two headwater basins.

Streamflow and Water-Quality Sites

Streamflow and water-quality site selections were based on the size of the drainage areas and the type of land use. The land-use information presented in this report was obtained from the City of Charlotte

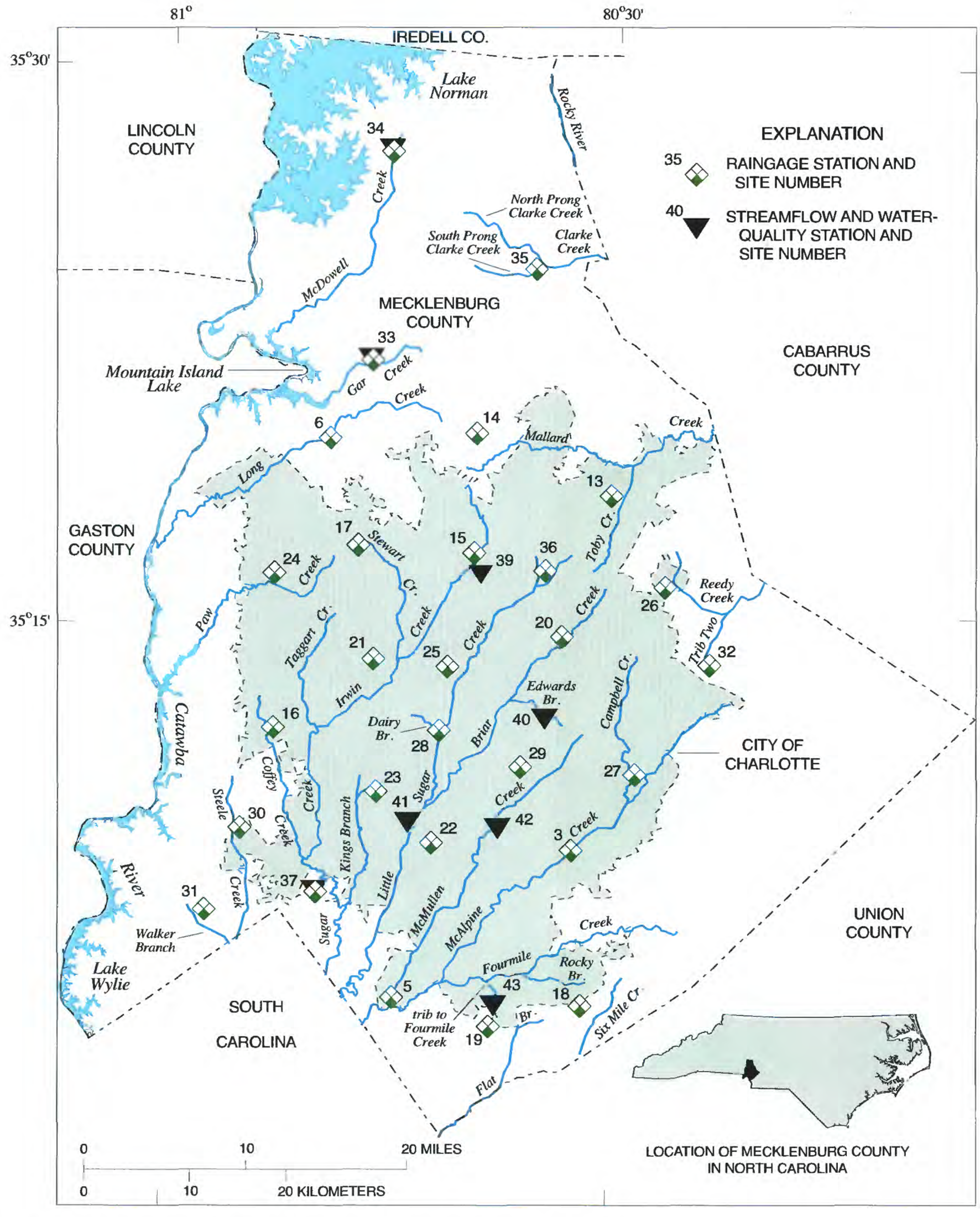

Figure 1. Mecklenburg County and City of Charlotte data-collection network.

Table 1. Precipitation network sites located in Mecklenburg County, October 1988 through June 1995

[Shaded rows indicate collection well sites. All others are tipping bucket sites]

Site number (fig. 1)	Station number	Latitude	Longitude	Location	Period of record[a]
13	351812080445545	35°18'12"	80°44'55"	CRN01, Fire Station 27, 111 Ken Hoffman Dr.	10/92-06/95
14	351954080493445	35°19'54"	80°49'34"	CRN02, Fire Station 28, 8013 Old Statesville Rd.	10/92-06/95
15	0214620760	35°16'32"	80°49'35"	CRN03, Irwin C. at Starita Road at Charlotte, N.C.	10/92-06/95
16	351132080562345	35°11'32"	80°56'23"	CRN04, Fire Station 30, 4707 Belle Oaks Rd.	10/92-06/95
17	351642080533445	35°16'42"	80°53'34"	CRN05, CMUD Admin Bldg., 5100 Brookshire Blvd.	10/92-06/95
5	02146750	35°03'59"	80°52'12"	CRN06, McAlpine C. below McMullen C. nr Pineville, N.C.	05/93-06/95
18	350351080454145	35°03'51"	80°45'41"	CRN07, Fire Station 9, 4529 McKee Rd.	10/92-06/95
19	350314080484945	35°03'14"	80°48'49"	CRN08, 11515 Elm Lane at Int. of Providence Rd. West[b]	10/92-06/95
20	351414080463245	35°14'14"	80°46'32"	CRN09, Fire Station 15, 3617 Frontenac Ave.	11/92-06/95
3	02146600	35°08'14"	80°46'05"	CRN10, McAlpine C. at Sardis Road nr Charlotte, N.C.	11/92-06/95
21	351331080525945	35°13'31"	80°52'59"	CRN11, Fire Station 10, 2135 Remount Rd.	11/92-06/95
22	350823080505345	35°08'23"	80°50'53"	CRN12, Fire Station 16, 6623 Park South Dr.	03/93-06/95
23	350947080524945	35°09'47"	80°52'49"	CRN13, USGS Office, 810 Tyvola Road	03/93-06/95
24	351553080562645	35°15'53"	80°56'26"	CRN14, Fire Station 21, 1023 Little Rock Rd.	03/93-06/95
25	351320080502645	35°13'20"	80°50'26"	CRN15, Char-Meck. Gov. Center, 600 E. Fourth St.	03/93-06/95
26	351540080430045	35°15'40"	80°43'00"	CRN16, Reedy C. Park Envr. Ctr., 2900 Rocky R. Rd.	03/93-06/95
27	351023080435745	35°10'23"	80°43'57"	CRN17, Piney Grove Elem. Sch., 8801 Eaglewind Dr.	03/93-06/95
6	02142900	35°19'42"	80°54'35"	CRN18, Long C. nr Paw Cr., N.C., at Oakdale Rd.	03/93-06/95
28	351132080504145	35°11'32"	80°50'41"	CRN19, Freedom Park, Cumberland Dr.	09/93-06/95
29	351032080475245	35°10'32"	80°47'52"	CRN20, Fire Station 14, 114 N. Sharon Amity Rd.	09/93-06/95
30	350842080572801	35°08'42"	80°57'28"	CRN21, Kennedy Jr. High, 4000 Gallant Lane	09/90-06/95
31	350623080583801	35°06'23"	80°58'38"	CRN22, Walker Branch basin, Choate Circle	09/90-06/95
32	351302080412701	35°13'02"	80°41'27"	CRN23, Harrisburg Road Landfill, 7817 Harrisburg Rd.	10/88-06/95
34	02142651	35°27'49"	80°52'36"	CRN24, McDowell C. at Westmoreland Rd. nr Cornelius, N.C.	05/94-06/95
33	0214266075	35°21'55"	80°53'12"	CRN25, Gar C. at SR2120 (McCoy Rd.) nr Oakdale, N.C.	04/94-06/95
35	352432080473745	35°24'32"	80°47'37"	CRN26, Bradford Airfield, Huntersville-Concord Rd.	06/94-06/95
36	351604080470845	35°16'04"	80°47'08"	CRN27, Hidden Valley Elem. Sch., 5100 Snow White Lane	10/94-06/95
37	0214635212	35°06'57"	80°54'49"	CRN28, Unnamed trib. to Sugar C. at Crompton St.	04/95-06/95

[a]Precipitation data collection at all sites is ongoing at date of publication.

[b]Prior to 08/04/94, located at McAlpine Creek Elementary School, 9100 Carswell Lane, Station No. 350458080493245, Latitude 35°04'58", Longitude 80°49'32".

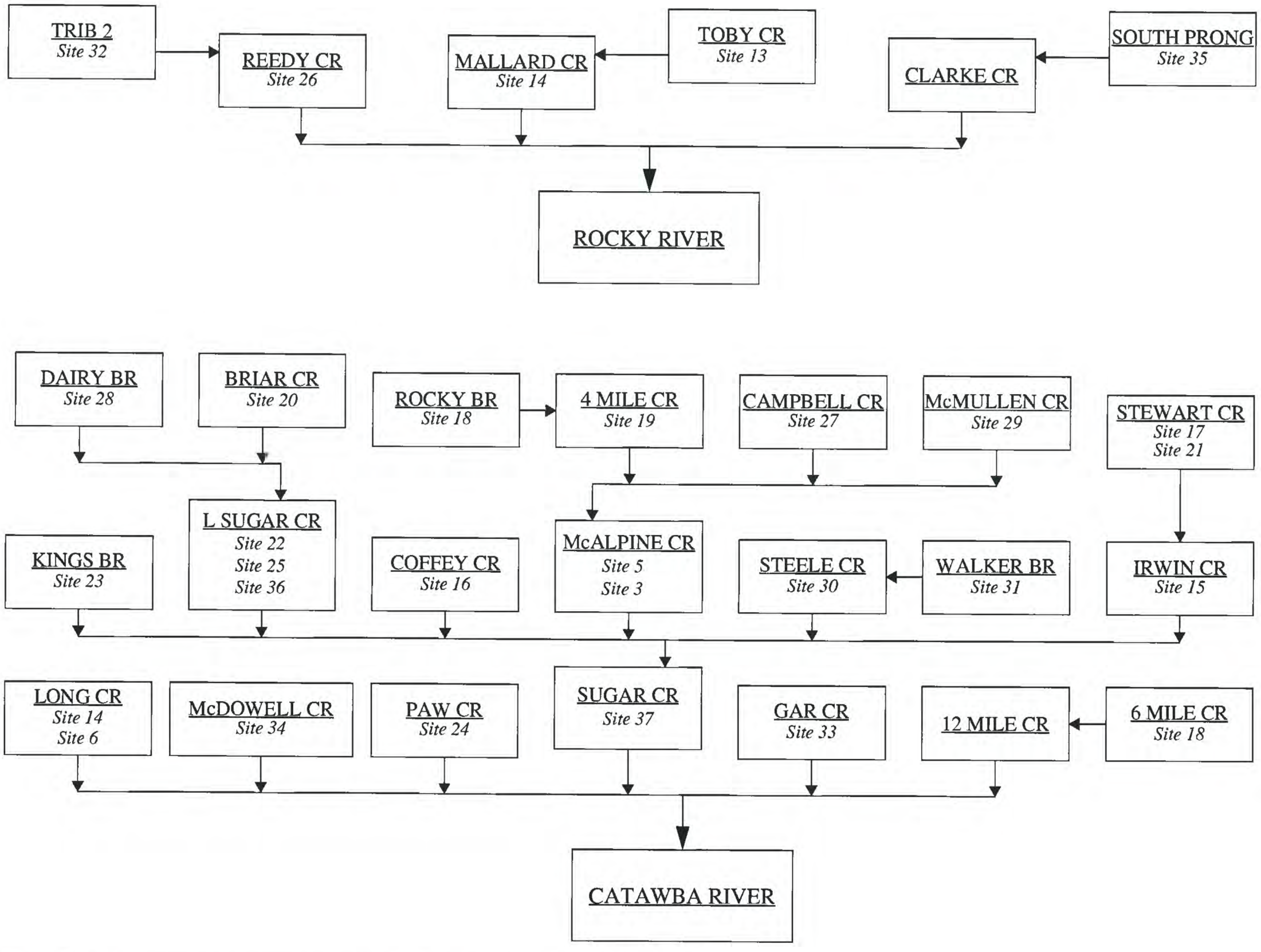

Figure 2. Basin coverage of raingages located in Charlotte and Mecklenburg County.

and is based on data classified from 1990 aerial photographs. Six sites were chosen within Charlotte, CSW02 (Site 41), CSW03 (Site 40), CSW04 (Site 42), CSW05 (Site 39), CSW06 (Site 37), and CSW07 (Site 43) and two in the northern part of the county, CSW08 (Site 33) and CSW09 (Site 34), (fig. 1; table 2). Each site within the city drains into one of the four major streams carrying runoff from the metropolitan area. CSW08 (Site 33) and CSW09 (Site 34) both drain directly into Mountain Island Lake water-supply reservoir. All sites have continuous record of stage and discharge, water temperature, and specific conductance. Water-quality samples were collected seasonally, during runoff events.

CSW02 (Site 41) is located on a tributary to Little Sugar Creek and has a multi-use drainage area of 0.123 square mile (mi^2). Residential housing is the primary land use. The basin also includes a portion of a large chemical research laboratory, an elementary school, and some light commercial activity (figs. 1 and 3).

CSW03 (Site 40) is located in a storm drain to a tributary of Edwards Branch which flows into Briar Creek. Land use is almost entirely medium density residential with a drainage area of 0.023 mi^2. A very small portion of the basin includes some light industry as well as an elementary school (figs. 1 and 4).

CSW04 (Site 42) is located on a tributary to McMullen Creek and has a drainage area of 0.126 mi^2. Land use within the basin is residential and institutional (a private school). Some light commercial activity is also present (figs. 1 and 5).

CSW05 (Site 39) is located on a tributary to Irwin Creek. Land use is entirely heavy industrial with a drainage area of 0.022 mi^2 (figs. 1 and 6).

CSW06 (Site 37) is located on a tributary to Sugar Creek. The drainage area encompasses 0.063 mi^2 and consists of light industrial, light commercial, and some woods or brush. A small portion of an active railroad is also within the basin (figs. 1 and 7).

CSW07 (Site 43) is located on a tributary to Fourmile Creek. At the time of site selection, land use was considered to be pre-development. Much of the drainage area is now residential with ongoing new residential construction as well as woods or brush. Some light commercial land use and a rest home are also present. The drainage area is 0.266 mi^2 (figs. 1 and 8).

CSW08 (Site 33) is located on Gar Creek, a major tributary to Mountain Island Lake. The drainage area has mixed land use—primarily woods or brush and residential—and covers 2.67 mi^2. The residential area (greater than 2 acres) shown in figure 9 may include some agricultural land uses (figs. 1 and 9).

CSW09 (Site 34) is located on McDowell Creek, also a major tributary to Mountain Island Lake. The drainage area of 2.35 mi^2 is bisected by Interstate Highway I-77. Land-use types are mixed and include residential, woods or brush, commercial, industrial, and institutional (figs. 1 and 10).

DATA-COLLECTION METHODS

All sites use electronic dataloggers for instrument operation and data collection. Storage modules with independent, internal batteries and non-volatile memory also store programs and data for backup. Modems at the sites allow remote communication and interaction with the dataloggers. Software was developed to automatically retrieve and process data daily. Remote interaction also allows users to monitor, test, and activate peripheral devices from office, home, or mobile computers.

Precipitation Data

Two types of raingages were installed in the study area—tipping bucket raingage or 3-inch (in.) diameter collection well with water-level sensor. The type of rainfall-measuring equipment installed was determined on a site-by-site basis. Thirteen sites initially were installed with collection well pipes in less secure areas or where rooftop tipping buckets were not feasible. Site 17 was converted to a tipping bucket site on Dec. 29, 1994. As of June 1995, there were 16 tipping bucket sites and 12 collection well sites (table 1).

All sites record rainfall amounts at 5-minute intervals. The raingages located at water-quality sampling sites also record rainfall at 1-minute intervals when rainfall is detected.

Streamflow and Water-Quality Data

Data collection began in December 1993 at CSW02 (Site 41) and CSW04 (Site 42), March 1994 at CSW05 (Site 39), April 1994 at CSW08 (Site 33), May 1994 at CSW09 (Site 34), June 1994 at CSW07

Table 2. Types of data collected at streamflow and water-quality sites, December 1993 through June 1995

Site number (fig. 1)	Station name and number[a]	Latitude/ Longitude	Drain-age area (square miles)	Land use	Period of record[b]							
					Contin-uoua discharge	Coliform	Physical and chemical properties	Major nutrients	Metals and minor constituents	Oil and grease	Total organic carbon	Synthetic organic compounds
41	CSW02, Little Sugar Creek tributary above Archdale Drive near Charlotte, 0214650690	35°08'54"/ 80°51'40"	0.123	Residential	12/93-6/95	2-6/95	5/94-6/95	5/94-6/95	5/94-6/95	5/94-6/95	5/94-6/95	5/94-6/95
40	CSW03, Edwards Branch tributary storm drain at Charlotte, 0214643840	35°11'53"/ 80°47'01"	0.023	Medium density residential	7/94-6/95	11/94-6/95	7/94-6/95	7/94-6/95	7/94-6/95	1-6/95	7/94-6/95	1-6/95
42	CSW04, McMullen Creek tributary near Charlotte, 0214669980	35°08'47"/ 80°48'34"	0.126	Residential and institutional	12/93-6/95	11/94-6/95	5/94-6/95	5/94-6/95	5/94-6/95	5/94-6/95	5/94-6/95	5/94-6/95
39	CSW05, Irwin Creek tributary below Starita Road at Charlotte, 0214620805	35°16'20"/ 80°49'30"	0.022	Heavy industrial	3/94-6/95	11/94-6/95	6/94-6/95	6/94-6/95	6/94-6/95	8/94-6/95	8/94-6/95	8/94-6/95
37	CSW06, Unnamed tributary to Sugar Creek at Crompton Street, 0214635212	35°06'57"/ 80°54'49"	0.063	Light industrial	4-6/95	5-6/95	5-6/95	5-6/95	5-6/95	5-6/95	5-6/95	5-6/95
43	CSW07, Fourmile Creek tributary near Providence, 0214666925	35°03'48"/ 80°48'36"	0.266	Forest and residential	6/94-6/95	2-6/95	6/94-6/95	6/94-6/95	6/94-6/95	7/94-6/95	7/94-6/95	7/94-6/95
33	CSW08, Gar Creek at secondary road 2120 near Oakdale, 0214266075	35°21'55"/ 80°53'12"	2.672	Mixed	4/94-6/95	2-6/95	6/94-6/95	6/94-6/95	6/94-6/95	6/94-6/95	6/94-6/95	6/94-6/95
34	CSW09, McDowell Creek near Cornelius, 02142651	35°27'49"/ 80°52'36"	2.350	Mixed	5/94-6/95	2-6/95	6/94-6/95	6/94-6/95	6/94-6/95	8/94-6/95	8/94-6/95	6/94-6/95

[a]U.S. Geological Survey downstream order number.
[b]Streamflow and water-quality data collection at all sites are ongoing at date of publication.

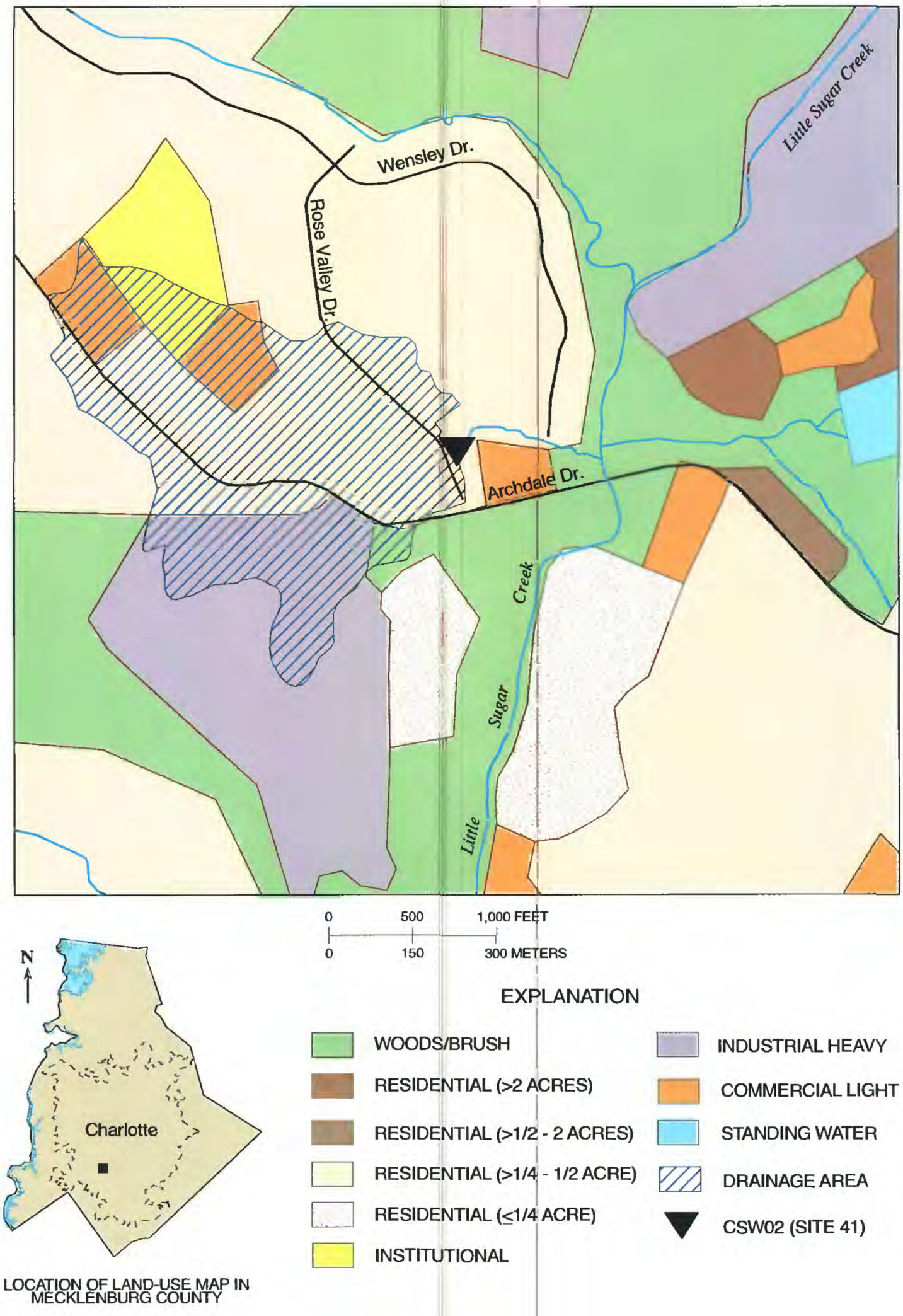

Figure 3. Drainage area and land use of 1 square mile surrounding CSW02 (Site 41).

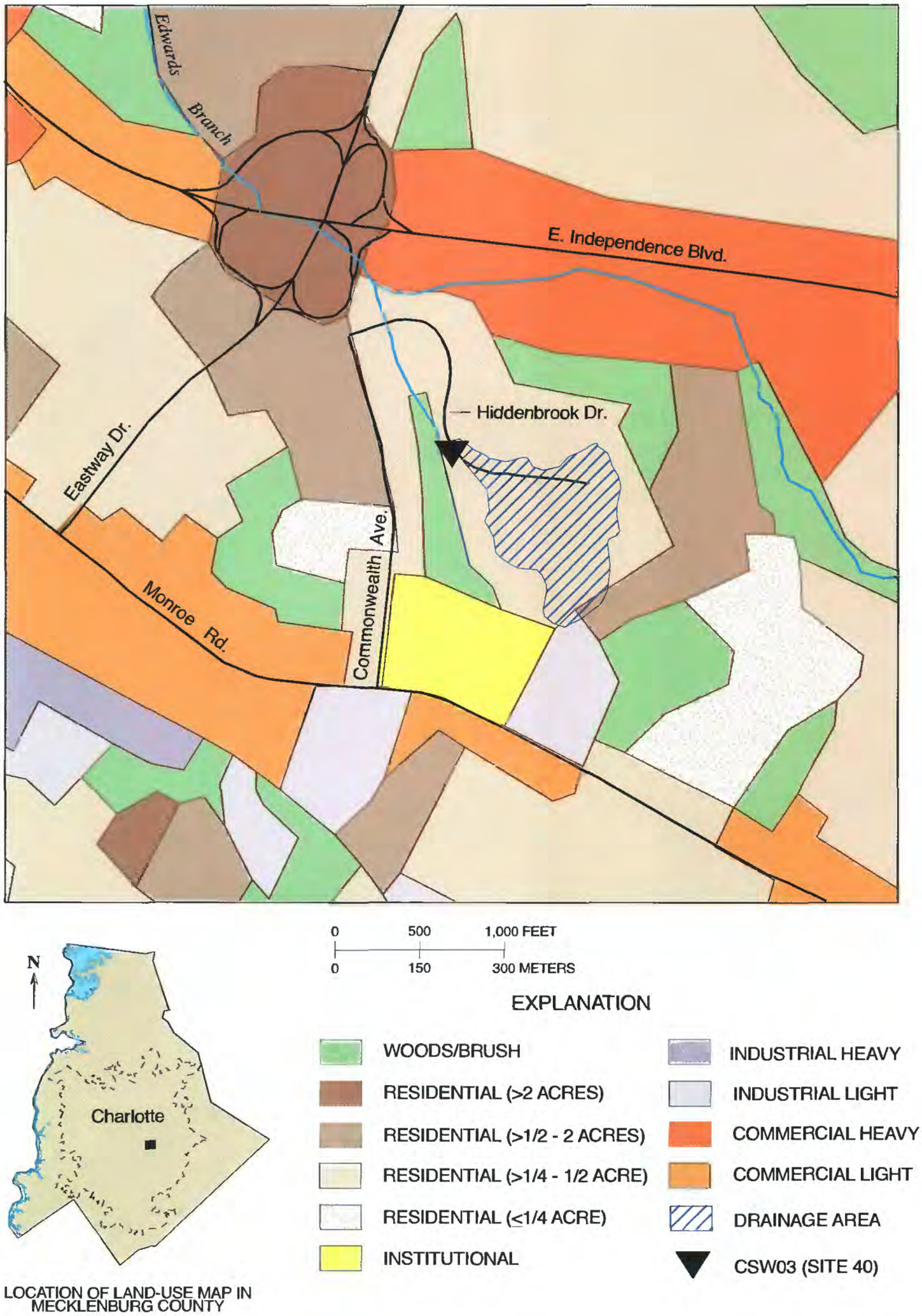

Figure 4. Drainage area and land use of 1 square mile surrounding CSW03 (Site 40).

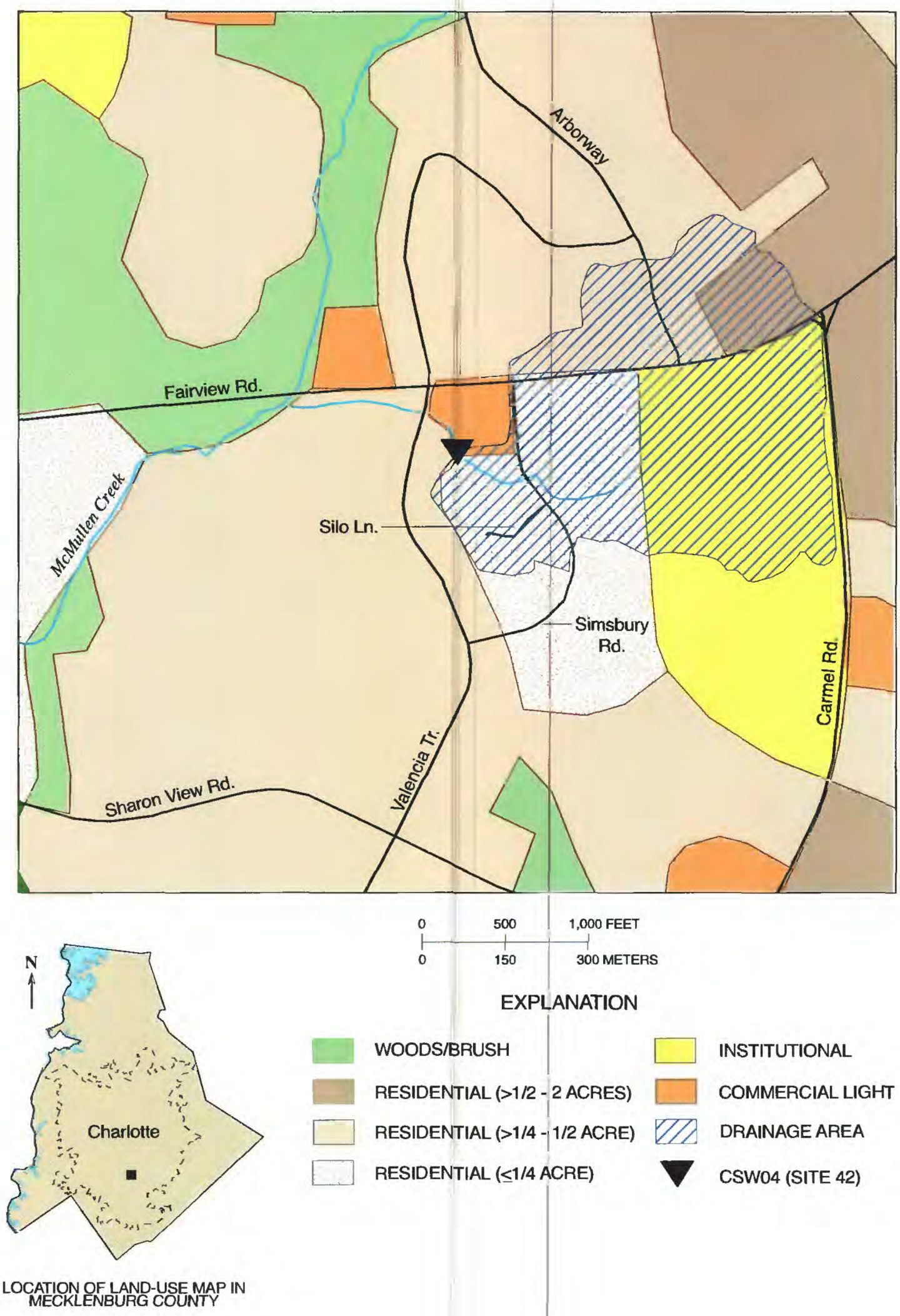

Figure 5. Drainage area and land use of 1 square mile surrounding CSW04 (Site 42).

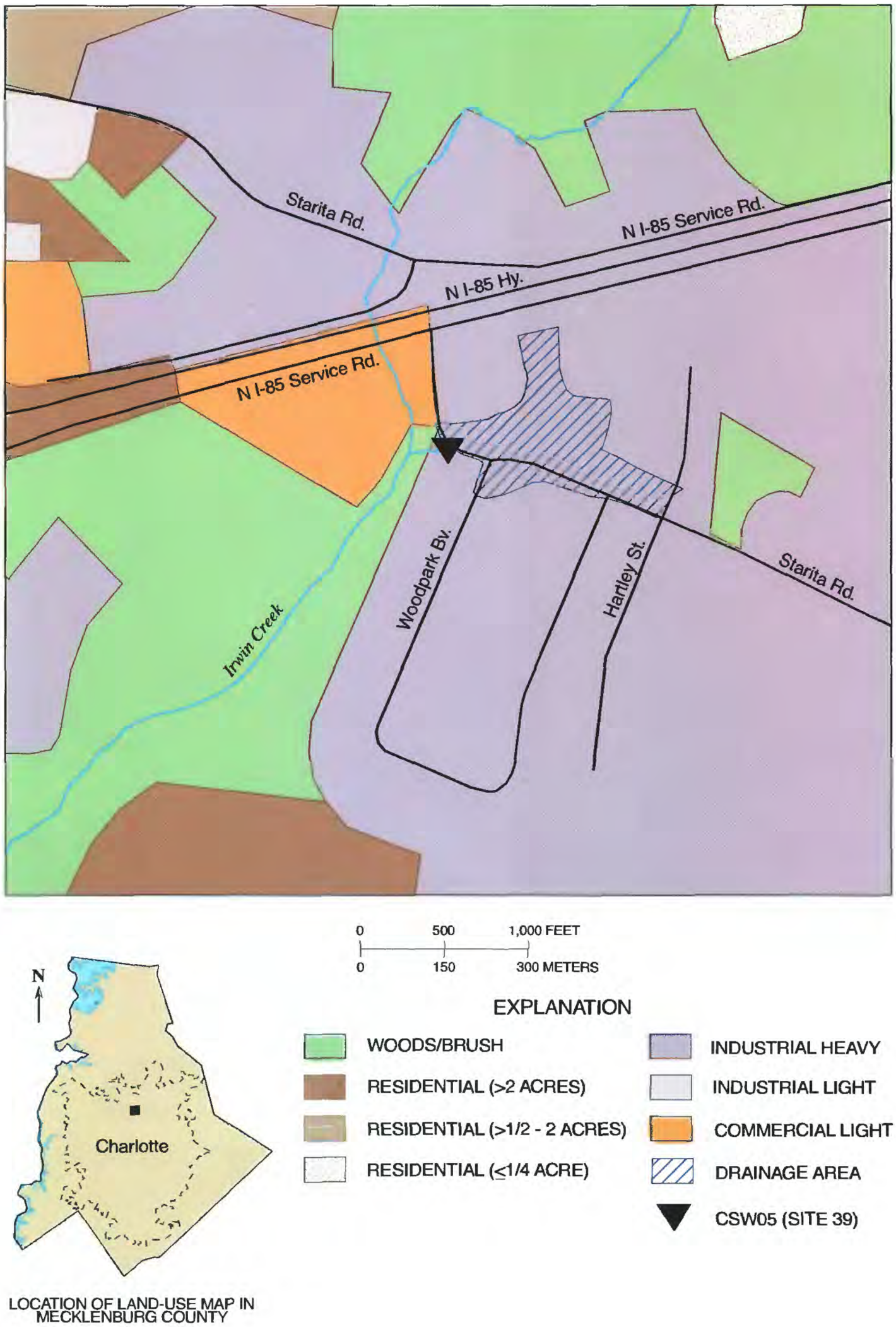

Figure 6. Drainage area and land use of 1 square mile surrounding CSW05 (Site 39).

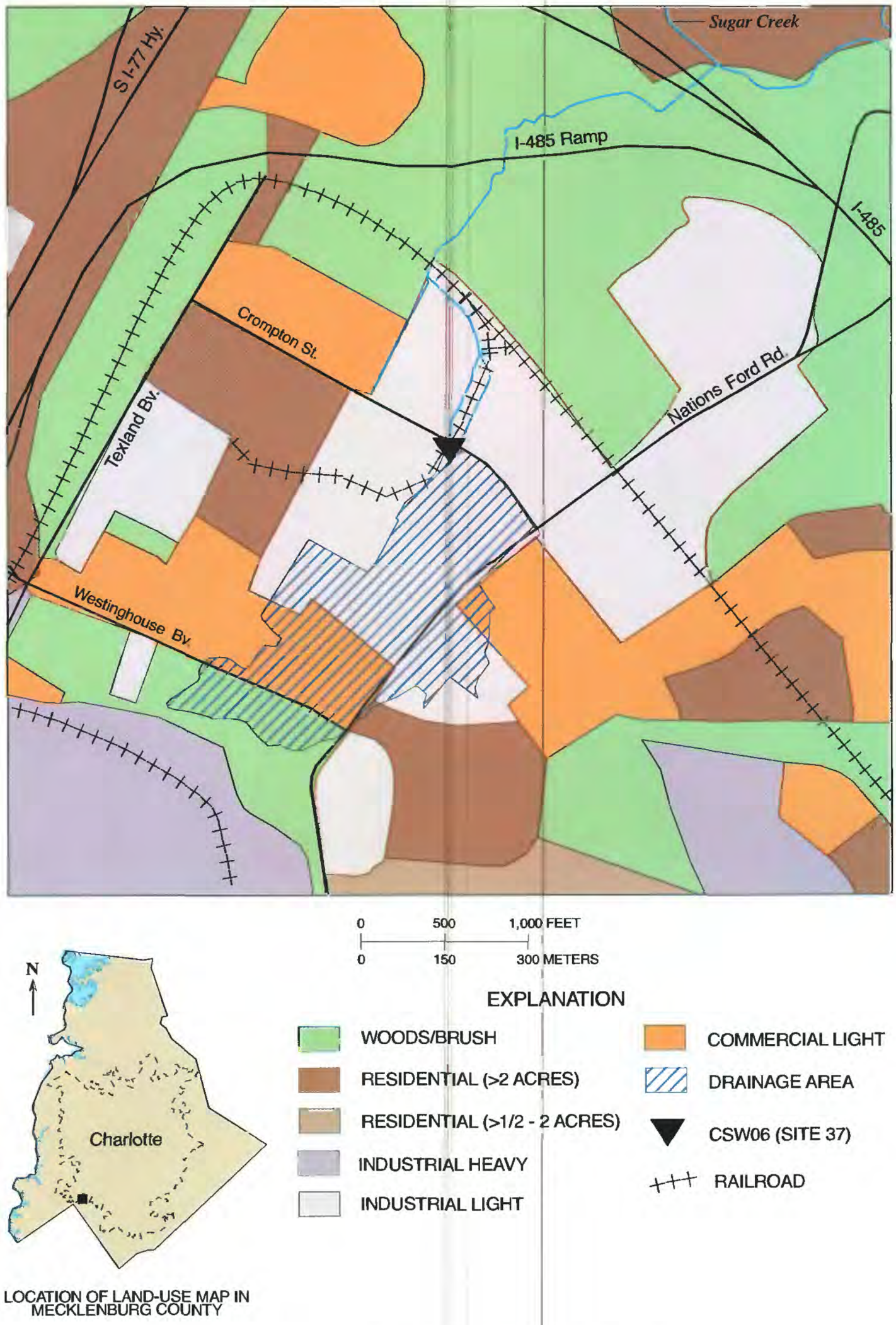

Figure 7. Drainage area and land use of 1 square mile surrounding CSW06 (Site 37).

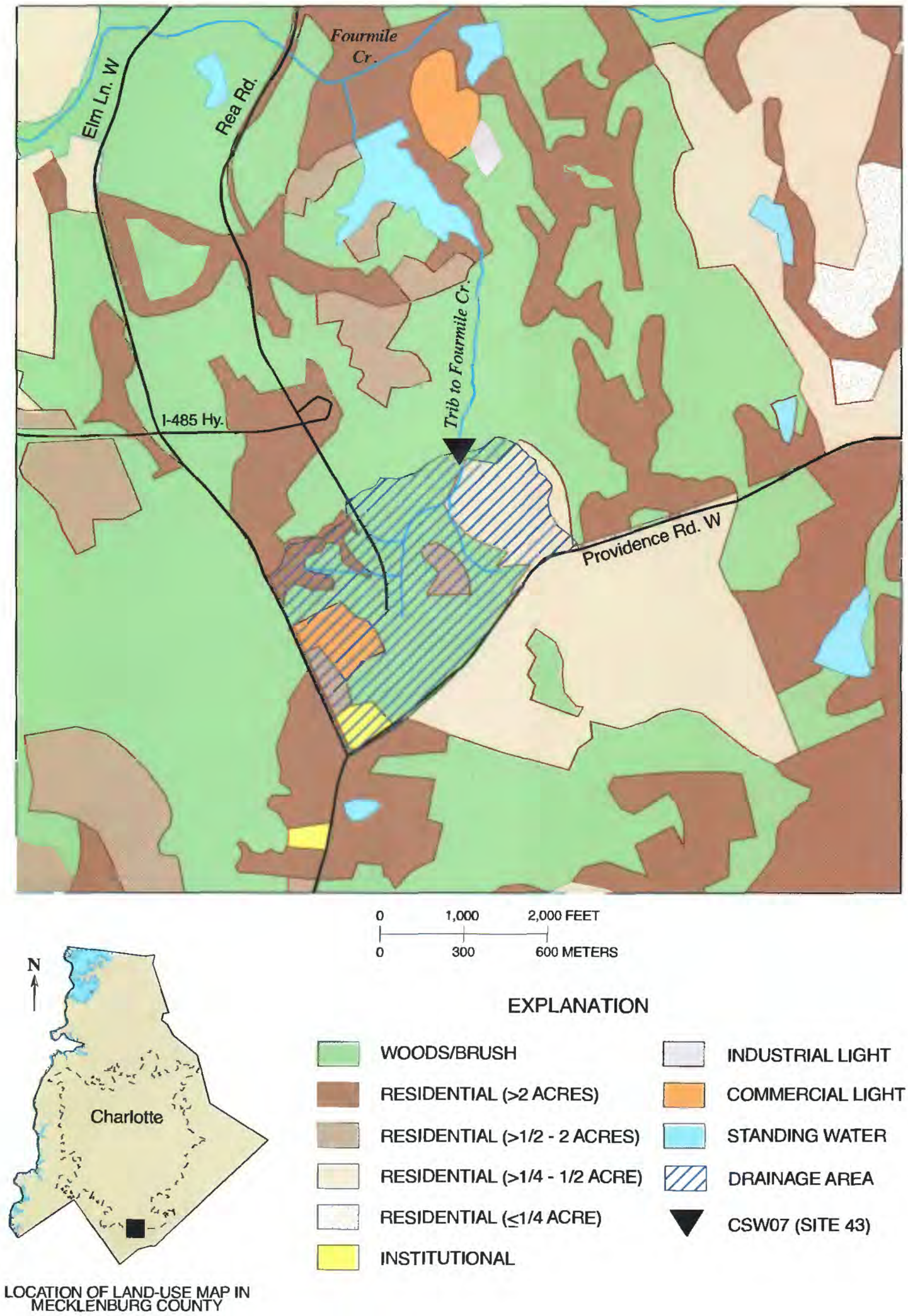

Figure 8. Drainage area and land use of 2 square miles surrounding CSW07 (Site 43).

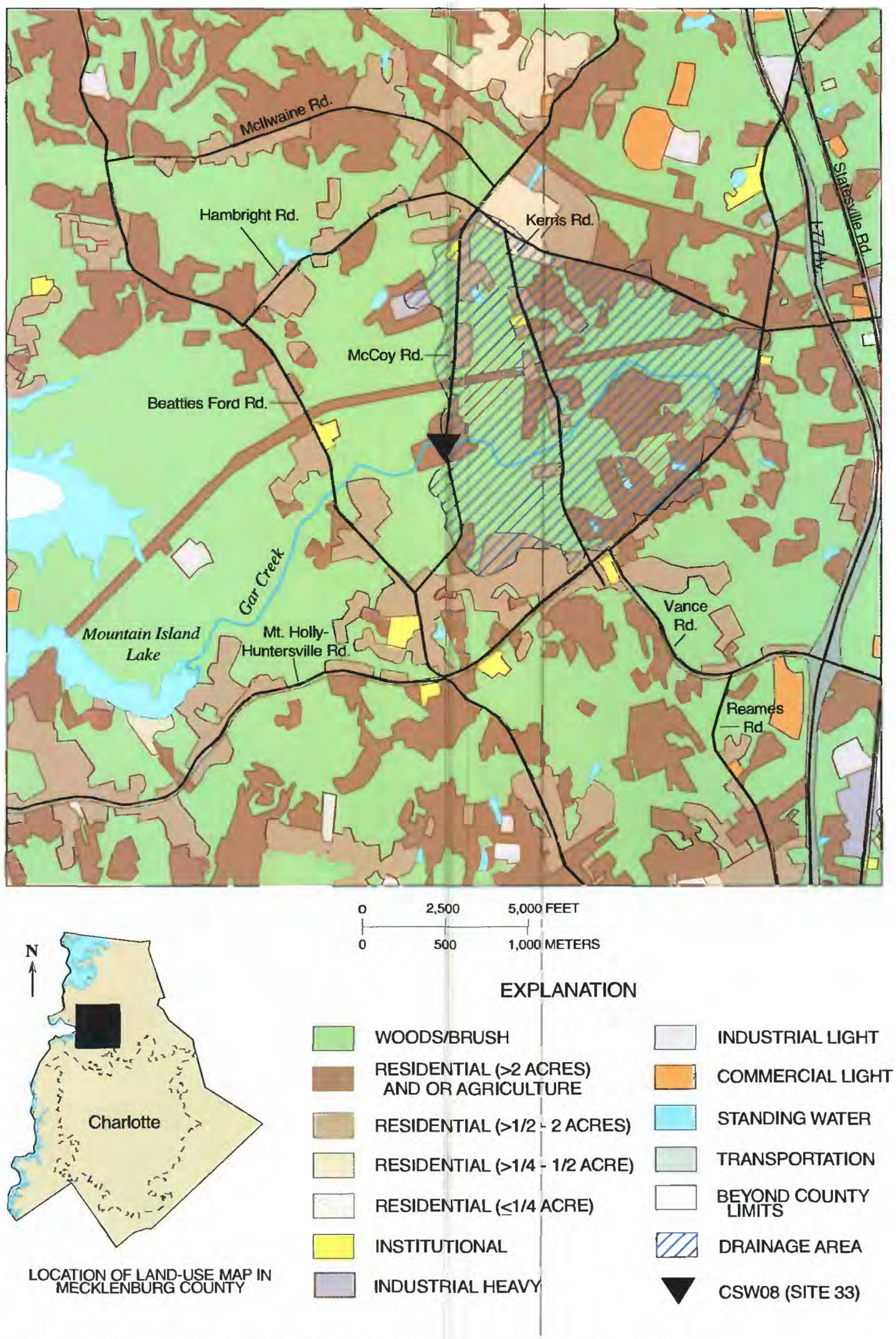

Figure 9. Drainage area and land use of 5 square miles surrounding CSW08 (Site 33).

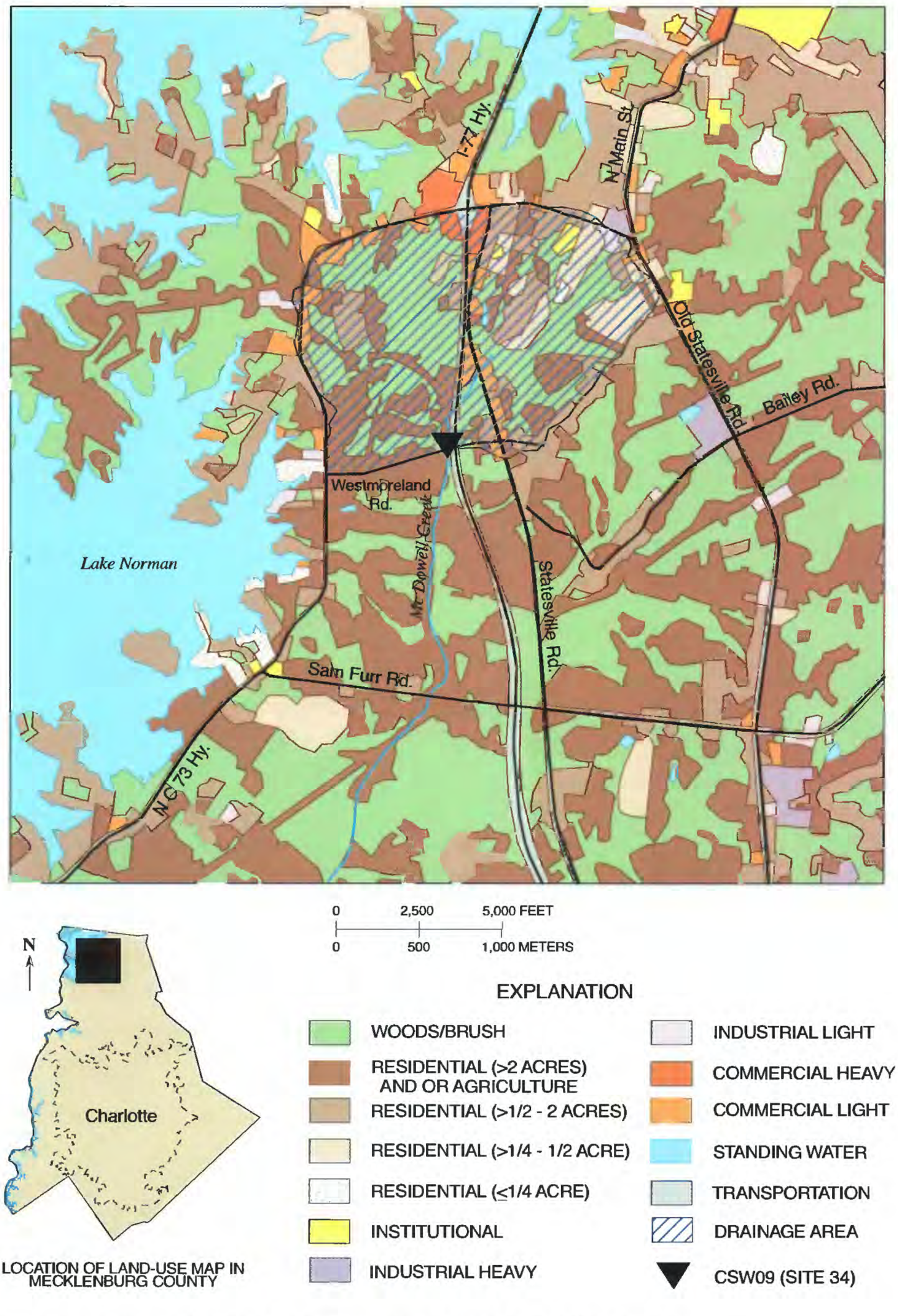

Figure 10. Drainage area and land use of 5 square miles surrounding CSW09 (Site 34).

(Site 43), July 1994 at CSW03 (Site 40), and April 1995 at CSW06 (Site 37). Hydrologic data include measurements of streamflow, coliform bacteria, physical and chemical properties, nutrients, concentrations of metals and minor constituents, oil and grease, suspended sediment, and organic compounds in water (table 2).

Instrumentation at each site includes sensors for the collection of water temperature, specific conductance, pH, and water level. Water-quality samples were collected using an automatic refrigerated sampler. All equipment is housed in a walk-in shelter with alternating current (A.C.) power. CSW06 (Site 37), CSW08 (Site 33), and CSW09 (Site 34) have tipping bucket raingages for the collection of precipitation data.

Continuous record gages were established at each site. Due to the almost instantaneous response to precipitation associated with small urban basins, water levels were recorded every 5 minutes. Water levels were recorded every minute when stream stage rose above a predetermined threshold and during water-quality sampling events. At the beginning of the study, CSW02 (Site 41) and CSW04 (Site 42) had collection intervals of 15 minutes.

Instantaneous water level, or stage, was recorded and streamflow, or discharge, was measured on an as-needed basis following procedures outlined by Rantz and others (1982). Subsequent stage-discharge relations were developed and utilized to quantify streamflow at each recorded 5-minute interval. The absence of a suitable measuring location at CSW03 (Site 40) required the stage-discharge relation to be a mathematical culvert flow determination based on area and average velocity. Similar conditions at CSW05 (Site 39) required the use of a computed weir stage-discharge rating to determine flow over the weir. Periodic current-meter measurements were made when possible.

Water temperature and specific conductance were measured every 5 minutes with an in situ probe. Initially, these data were also collected at 1-minute intervals when flow was above the predetermined threshold and during water-quality sampling events. Review of these data revealed no significant changes in the 1-minute interval data. Thus, the collection interval was increased to 5 minutes June 1995. Water temperature and specific conductance data were not collected during zero flow conditions.

Collection of pH data occurred only during water-quality sampling events. Due to its fragile nature, the pH probe was mounted in a flowthrough cell connected to a water pump rather than being placed in situ. Collection of pH data was initiated simultaneously with water-quality sample collection and continued for a period of 10 minutes. Data were recorded every minute during the 10-minute period.

Water samples were collected at each study site during runoff events on a seasonal basis. The criteria, provided by the cooperators, used to determine if the sampled event met the requirements of the project were that (1) the minimum period between sampled events was at least 21 days, (2) the storm duration was between 3 and 13 hours, (3) the rainfall amount was between 0.2 and 0.8 inch, and (4) there had been less than 0.1 inch of rainfall in the 72 hours prior to the sampled event. The rainfall amount could exceed 0.8 inch and (or) the duration could be longer than 13 hours as long as the total rainfall amount during the first 3 hours was less than 0.8 inch. Every effort was made to adhere to these criteria, but there were times when all criteria were not met.

Discrete samples were collected during increasing, near peak, and receding streamflows associated with the runoff event. Specific conductance and pH of each sample were measured as the sample was processed. Samples were analyzed for a broad range of constituents.

Water samples for inorganic analysis were collected using an automatic refrigerated sampler. Each discrete sample consisted of two whole water samples collected in 1.9-liter glass bottles. The two bottles were composited in a polycarbonate churn splitter, and processed and preserved as described by Horowitz and others (1994) (table 3). Total organic carbon (TOC) samples were taken from the discrete samples prior to placement in the churn splitter. Samples for the analysis of dissolved constituents were filtered through a 0.45-micron pore-size capsule filter using a peristaltic pump.

Samples for organic analysis were collected using an automatic refrigerated sampler with methanol cleaned tubing or by hand as a grab sample. Pesticide samples were collected during the spring and were decanted directly from the glass collection bottles to the appropriate sample containers.

Grab samples included oil and grease and volatile organic carbon (VOC), which were collected during the first 20-30 minutes of the runoff event.

Table 3. Containers, container treatment, and preservation procedures required for samples collected at the water-quality study sites, May 1994 through June 1995

[mL, milliliter; mm, millimeter; °C, degrees Celsius; <, less than; >, greater than; L, liter]

Compounds, elements, or properties analyzed	Container size	Container type	Container treatment and sample preservation
Physical and chemical properties			
Dissolved solids, residue at 180 °C	250 mL	Polyethylene	Filter through a 142-mm membrane filter with 0.45-micron pore size; use filtered sample to rinse containers.
pH, specific conductance, alkalinity	500 mL	Polyethylene	Unfiltered; use unfiltered sample to rinse containers.
Volatile suspended solids	500 mL	Polyethylene	Unfiltered; use unfiltered sample to rinse containers.
Chemical oxygen demand	125 mL	Glass	Bottle baked at 450 °C. Acidify collected sample with H_2SO_4 to pH <2; chill and maintain sample at 4 °C.
Biochemical oxygen demand	500 mL	Polyethylene	Unfiltered, chill and maintain sample at 4 °C.
Coliform	200 mL	Glass	Sterile, chill and maintain sample at 4 °C.
Major nutrients			
Dissolved nutrients	125 mL	Brown polyethylene	Filter through a 142-mm membrane filter with 0.45-micron pore size; use filtered sample to rinse containers. Chill and maintain sample at 4 °C.
Total nutrients	125 mL	Brown polyethylene	Unfiltered; use unfiltered sample to rinse containers. Chill and maintain sample at 4 °C.
Total metals and minor constituents			
Sb, Be, Cr, Cu, Cd, Pb, Ni, Ag, Zn	500 mL	Polyethylene, acid rinsed	Unfiltered; use unfiltered sample to rinse containers. Acidify collected sample with nitric acid to pH <2.
As, Se	250 mL	Polyethylene, acid rinsed	Unfiltered; use unfiltered sample to rinse containers. Acidify collected sample with nitric acid to pH <2.
Hg	250 mL	Glass, acid rinsed	Unfiltered; use unfiltered sample to rinse containers. Acidify collected sample with nitric acid/potassium dichromate to pH <2.
Cn	250 mL	Polyethylene	Unfiltered; use unfiltered sample to rinse containers. Add to sample, 5 N sodium hydroxide to pH >12. Chill and maintain sample at 4 °C.
Organic compounds			
Pesticides and herbicides	1 L	Glass, amber	Bottle baked at 450 °C. Do not rinse container in field. Chill and maintain sample at 4 °C.
Total organic carbon	125 mL	Glass, amber	Bottle baked at 450 °C. Do not rinse container in field. Chill and maintain sample at 4 °C.
Volatile organic compounds	40 mL	Glass septum vial, amber	Do not rinse container in field. Exclude all air bubbles in sample by completely filling vial. Protect sample from sunlight. Chill and maintain sample at 4 °C.
Oil and grease	1 L	Glass, amber	Bottle baked at 450 °C. Do not rinse container in field. Leave small air space. Add to sample, 2.0 mL H_2SO_4 to pH <2. Chill and maintain sample at 4 °C.
Sediment			
Suspended sediment and volatile suspended solids	1 pint	Glass	None.

Bacteria samples were collected by hand during increasing, near the peak, and receding streamflows. TOC was also collected as a grab sample in the spring when the automatic sampler was equipped with methanol cleaned tubing.

Quality-Assurance Procedures

Quality-assurance procedures for precipitation, streamflow, and water-quality data collection and processing are presented in the following sections. All procedures used followed standard USGS guidelines as documented in each section.

Precipitation Data

Tipping buckets were delivered from the factory with documented calibration. Factory calibration consists of pouring a known amount of water into the bucket at a fixed rate and comparing the recorded amount with the known rainfall equivalency. Threads on the adjusting screws and counter balance weight were then painted to reveal any adjustments. Collection well raingages were designed and constructed according to generally accepted standards.

Sites are visited on an average of every 6 to 8 weeks. Initial readings of time and rainfall are recorded. Catchment, funnel, and tubing are inspected for blockage, and conditions are noted. Catchments and funnels are wiped clean and rinsed free of debris. Tubing is reamed, rinsed, and brushed clean. Battery voltage is measured with an external voltmeter, and the reading is compared to that of the datalogger. Freshly charged batteries are installed when needed. The installation and phone lines are inspected for vandalism or tampering.

Tipping bucket pivots and buckets are inspected for freedom of movement and assurance of interaction with the datalogger. After draining a collection well, a small amount of water is returned to allow the float to become buoyant. Inspections include visibly watching the float wheel turn and physically checking the response of the float wheel.

Final readings of time and rainfall are recorded before leaving the site. After completion of the site visit but before leaving the area of the site, contact is made with the datalogger using a cellular phone to assure that all phone connections are working properly.

Data are automatically retrieved daily via modem and phone line. Daily summary printouts available for inspection include: daily rainfall total, accumulated rainfall total since last service, and battery voltage. Rainfall unit-value tables are printed from the USGS database for the 5 previous days. This allows for early identification and correction of problems, and assures that data have been entered into the database.

Unit values are inspected for signs of drifting float wheels. This drift is easily spotted, and any accumulated rainfall amounts resulting from the drift are removed from the database. Rainfall data surrounding site visits are inspected and compared to field notes to assure proper readings. Any accumulated rainfall amounts that are recorded due to the servicing of the instrument are removed. Daily totals are compared with surrounding sites to check for reasonable agreement.

Precipitation data for the period prior to October 1993 are not included in this report. These data are available upon request from the District Office, Raleigh, North Carolina.

Streamflow and Water-Quality Data

Installation and operation of the continuous record gages were in accordance with USGS standards described in the Techniques of Water-Resources Investigations (TWRI) series of manuals published by the USGS. Measurement of streamflow and computation of discharge record from stage were also done according to TWRI specifications.

Discharge measurements were made as needed at each site to develop stage-discharge relation curves. Periodic check measurements of the rating were made when warranted by extreme or unstable conditions. Variable stage-discharge shifts were generally applied with time when the absolute difference between the measured discharge and the expected discharge from the rating curve exceeded 5 percent.

Site visits were routinely conducted every 4-6 weeks. Corrections to gage height record were made when the absolute difference between the reference gage observations and the water-level sensor exceeded 0.015 feet (ft).

Data were automatically retrieved daily using a modem and phone line. Plots of stage for the 4 previous days were generated and reviewed daily. This allowed quick detection and reconciliation of potential problems due to instrumentation malfunctions.

All sensors used for measuring water temperature, specific conductance, and pH were tested prior to being placed in the field. Thereafter, sensors were routinely calibrated every 4-6 weeks. This procedure began with an initial check of the probe in its current state. The probes were then thoroughly cleaned and calibrated using several standards. Adjustments to the sensor readings were applied over time and range, as needed, based on calibration records. Sensors were calibrated as soon as possible following sampling events to minimize any potential problems with drift. All data were retrieved daily using a modem and phone line, and plots for the 4 previous days were generated daily. Review of these plots allows potential problems with sensors to be detected.

The water temperature sensor was calibrated using either an American Bureau of Standards mercury thermometer or an electronic thermistor that had been previously calibrated. The thermometer or thermistor was placed in the stream and allowed to equilibrate prior to disturbing the temperature sensor. All readings were recorded on the calibration sheet. The temperature sensor was then removed, cleaned, returned to the stream, and allowed to equilibrate. All readings were then recorded a second time. Adjustments to the data were applied with time based on observed versus actual readings.

The specific conductance probe was calibrated using five standards ranging from 20 to 500 microsiemens per centimeter at 25 degrees Celsius (µs/cm at 25 °C). The three standards that best bracketed the typically observed specific conductance readings were used to apply any needed adjustments to the data. The probe was rinsed with deionized water, sequentially immersed in each standard, and allowed to equilibrate. Readings were recorded on the calibration sheet with the actual standard value. The probe was then thoroughly cleaned using a special scrub brush and deionized water to remove any accumulation of dirt and algae. The probe was then calibrated once more using the same procedure. This allowed for adjustments to the data with time and range in the event of probe degradation.

The pH probe was checked using standards of 4.0, 7.0, and 10.0 pH units. The probe was removed from the flowthrough cell, rinsed with deionized water, placed in each standard, and allowed to equilibrate. Readings were recorded on the calibration sheet. Following this initial check, the probe was cleaned using methanol and a cotton swab. The electrode gel was checked and filled to capacity if needed. Because the probe utilizes a single point calibration method, it was placed in the 7.0 standard and calibrated to this value. The probe was then placed in the 4.0 and 10.0 standards, and all readings were recorded on the calibration sheet. The probe was then returned to the flowthrough cell, which was filled with 4.0 buffer. This maintained the probe in a storage state and minimized drift until the probe was needed. A test of the flowthrough cell was performed yearly with readings recorded every minute during a 10-minute period. These readings were then compared to an in situ pH reading taken directly from the stream to determine any effects due to pumping with the flowthrough cell. Adjustments to the data were applied with time and range as indicated by the calibration record.

All equipment used to collect water-quality samples was prepared by washing with a non-phosphate detergent and soaking in a 5 percent hydrochloric acid solution as described by Horowitz and others (1994). Equipment was assigned to each site to prevent cross-contamination between sites. Blanks were run on each piece of sampling equipment at each site on a yearly basis and analyzed for nutrients and trace metals using inorganic blank water prepared by the USGS laboratory.

The Teflon lined tubing on all automatic samplers was replaced with new tubing yearly. Between sampling events, this tubing was field-cleaned using the above procedure. In addition, the tubing was rinsed with methanol and the sample-collection bottles were baked for the spring collection of organic constituents. An equipment blank for the analysis of pesticides and herbicides was performed yearly at one randomly chosen site using organic free water purchased from a scientific supply company. Sample-collection volume was checked and calibrated yearly or more frequently or when problems were suspected.

Sample processing equipment was prepared with the above cleaning procedure and assigned to each site. Samples for the analysis of organic constituents were decanted directly from the glass collection bottles into the appropriate glass sample container. Each discrete sample was then placed in a polycarbonate churn splitter to remove homogenous subsamples. Samples for the analysis of dissolved constituents were filtered using silicone tubing

prepared with the previously described cleaning procedure and a disposable 0.45-micron pore-size capsule filter. All samples were preserved using USGS protocols as described by Horowitz and others (1994).

Churn splitters were field-cleaned with deionized water and 5 percent hydrochloric solution between each discrete sample collected at each site during an event. Blanks were processed on these field-cleaned churns for the analysis of nutrients and trace metals with a frequency of one blank per site per event. Lab blanks were run at the same frequency to check for contamination due to atmospheric deposition in the sample processing area.

Approximately 10 percent of all samples analyzed were quality-assurance samples. These included the previously mentioned blanks as well as split, duplicate, and blank samples for all constituents analyzed. The quality-assurance blank analyses for nutrients were done using the low-level automated-segmented flow method (ASF), and the trace elements were analyzed using the Inductively Coupled Plasma-Mass Spectrometry method (ICP-MS).

Concurrent manual sampling using USGS approved methods was conducted to compare cross-sectionally averaged samples with point samples (table 4). Automatically collected point samples were assumed to represent the cross-sectionally averaged sediment concentrations.

LABORATORY ANALYSES

Samples collected during the study period were analyzed by the USGS National Water-Quality Laboratory in Denver, Colorado. The analytical methods used by the USGS laboratory are documented in Wershaw and others (1987), Fishman and Friedman (1989), Britton and Greeson (1989), and Fishman (1993). Analyses for biochemical oxygen demand (BOD) and coliform were performed by the Mecklenburg County Department of Environmental Protection laboratory. Suspended-sediment concentrations were determined in the USGS District sediment laboratory in Raleigh, North Carolina, by methods and procedures documented by Guy (1969). Analytical procedures and method detection limits for chemical constituents in water analyzed by the USGS National Water-Quality Laboratory during the study period are listed in table 5 (p. 32).

Method detection limits (MDL's) are a statistical estimate of a property of the analytical method used to measure the compound concentration. MDL's for the 88 dissolved pesticide organic compounds (table 5) were revised by the USGS laboratory April 15, 1996, based on detailed method performance tests. These changes occurred after this report was finalized. MDL's were generally lowered by half to an order of magnitude from values shown in table 5. (MDL's for three compounds increased, and MDL's for three other compounds did not change.) The USGS water-quality database is planned to be updated in late 1996. Hence, concentrations of dissolved organic compounds reported in tables 51, 53, 57, and 58 as less than the MDL may be revised as a result of the database update.

Table 4. Automatic pumping sampler intake locations and number of manual suspended-sediment samples collected, May 1994 through June 1995

[EWI, equal-width increment]

Site number (see fig. 1)	Streambed type	Sampler intake (feet above bottom)	Width of stream (in feet) (Location of sampler intake in stream cross section)[a]	Number of manual suspended-sediment samples collected using the EWI technique
41 (CSW02)	clay/sand	1.1	9.1 (midstream)	2
40 (CSW03)	concrete	.1	2.0 (midstream)	5
42 (CSW04)	clay/cobble/sand	.4	6.7 (midstream)	7
39 (CSW05)	cobble/sand	.3	2.4 (midstream)	6
37 (CSW06)	concrete/gravel	.5	12.6 (midstream)	5
43 (CSW07)	silt/clay	.4	3.8 (midstream)	4
33 (CSW08)	sand	.8	13.5 (midstream)	4
34 (CSW09)	sand	1.1	8.0 (midstream)	2

[a]Stream width determined when stream was at base flow.

PRECIPITATION AND HYDROLOGIC DATA

Precipitation and hydrologic data for 28 precipitation sites and 8 stream sites from October 1993 through June 1995 are presented in tables 6-42

and 51-58, and are discussed in the following sections. Tables 43-50 summarize the rainfall and streamflow characteristics for the monitored storms and the stream sites.

Precipitation Data

Daily and monthly rainfall totals at the 28 rainfall sites (fig.1) are presented in tables 6-33. Figure 11 shows the distribution of rainfall in Mecklenburg County and the city of Charlotte based on the data from all 28 rainfall sites for June 19, 1995. The measured rainfall ranged from 0.46 in. in the northern section of the county to 2.21 in. in the southern section. Figure 11 illustrates the potential variability of rainfall throughout the study area. This daily distribution coincides with the June 19, 1995, event illustrated in figure 12.

Streamflow Data

Streamflow statistics for the study period are presented in table 34. Daily mean discharge at the eight streamflow sites (fig. 1) are presented in tables 35-42. The instantaneous stage was routinely recorded at 5-minute intervals at most sites. During storm events the stage was recorded at 1-minute intervals due to the almost instantaneous response of discharge to the rainfall. During periods of missing record, a daily mean discharge was estimated based on rainfall and measured streamflow at other gages in the area.

Water-Quality Data

Water-quality data for the eight streamflow sites (fig. 1) are presented in tables 51-58. The tables include a statistical summary of approximately 250 chemical constituents, including measurements of coliform, physical and chemical properties, nutrients, concentrations of metals and minor constituents, oil and grease, suspended sediment, and organic compounds in water. The statistical summaries were prepared using programs developed by the USGS (Maddy and others, 1992). If the total number of observations above and below the method detection limit is greater than 1 but less than or equal to 5, only the maximum and minimum values are reported in the tables. If only one observation is available, the value is reported as the maximum value. Also included in each table are coliform, physical and chemical properties, nutrients, metals and minor constituents, oil and grease, total organic carbon, and suspended sediment data for individual samples collected during each storm event. The organic compounds were not included in this section of the table because of the small number of samples with concentrations greater than the method detection limit (MDL) and the large number of organic parameters.

The instantaneous discharges reported in the statistical tables are associated with the individual water-quality samples and not the discharge for the period of record. The criteria used to determine the total accumulated rainfall for each storm event was that the rainfall did not stop for a period greater than 4 hours. There are several values for BOD that are reported as 'greater than,' because of uncertainties in the results. Continuous specific conductance and water temperature data were collected at 5-minute intervals at all sites. These data are available from the District Office in Raleigh, North Carolina. Since May 1995, continuous measurements of pH were made during sampled storm events. Incremental rainfall and instantaneous discharge values for selected storms at the study sites are shown in figure 12. These graphs illustrate how the streamflow at the study sites responded to rainfall during the storm events and the general magnitude of discharge typical at each site during the season. For November 21, 1994, and April 21, 1995, the graphs at site 39 also show the streams responsiveness to runoff from sprinkler system input not recorded in the raingages of the drainage basin.

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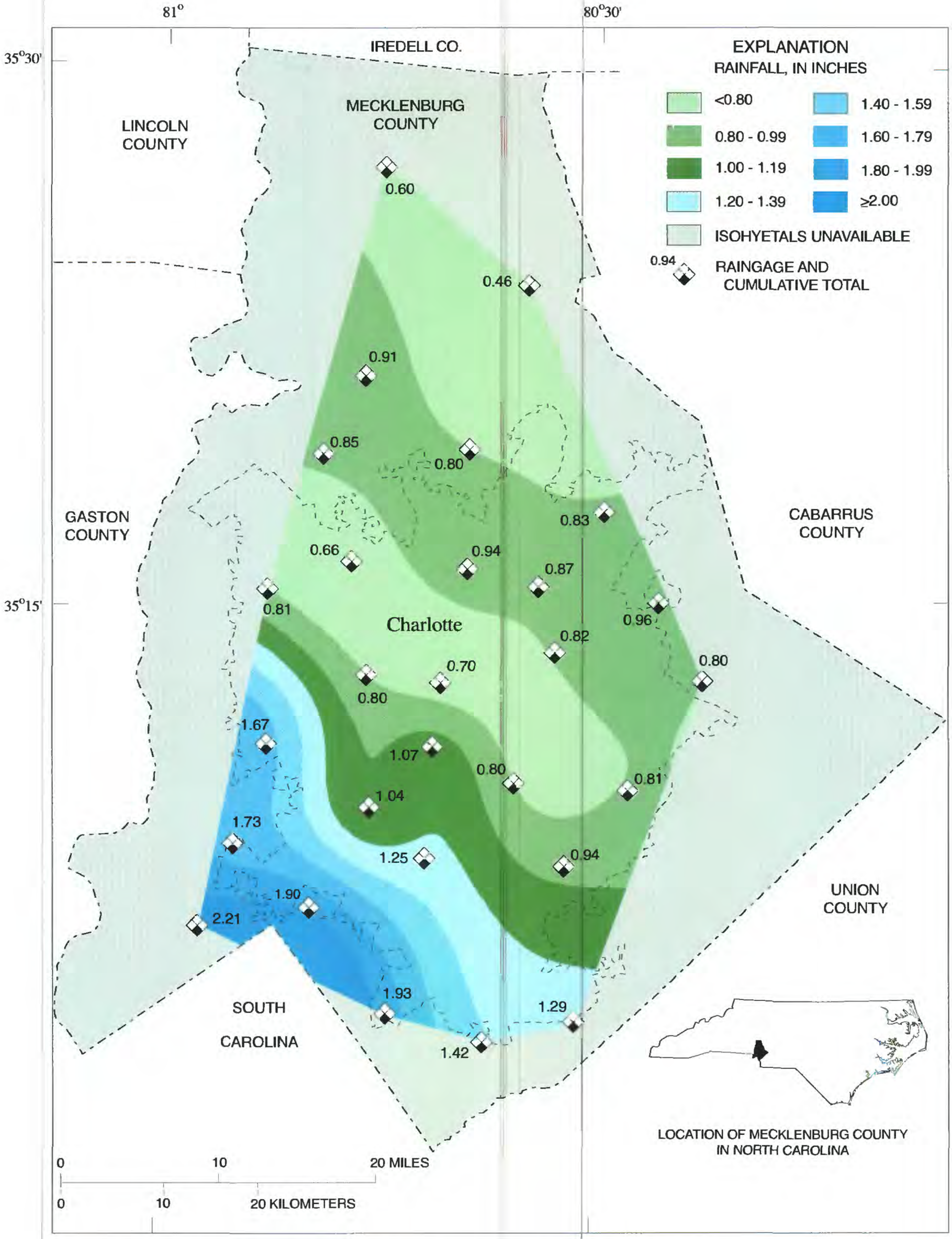

Figure 11. Mecklenburg County and city of Charlotte rainfall distribution for June 19, 1995.

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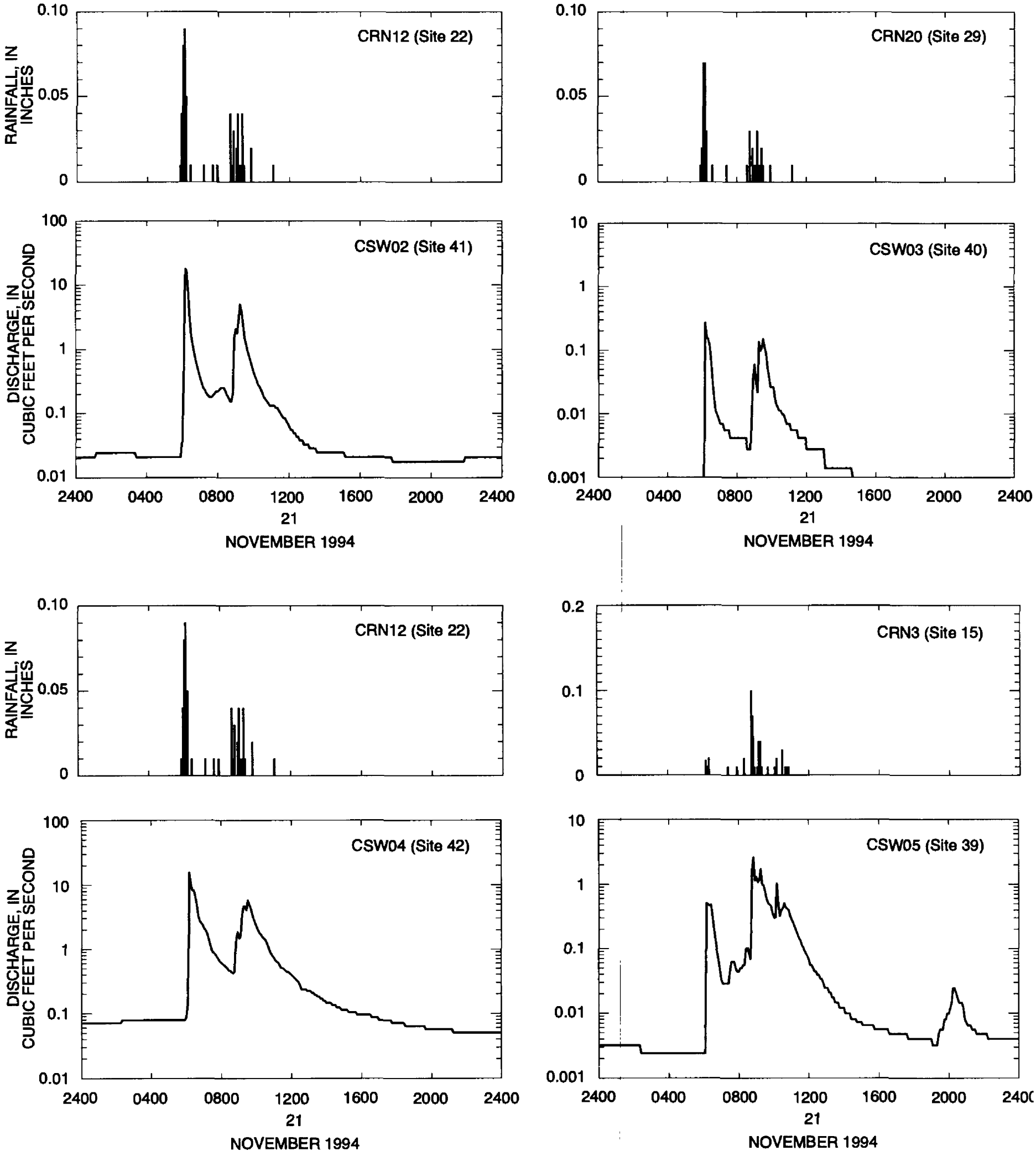
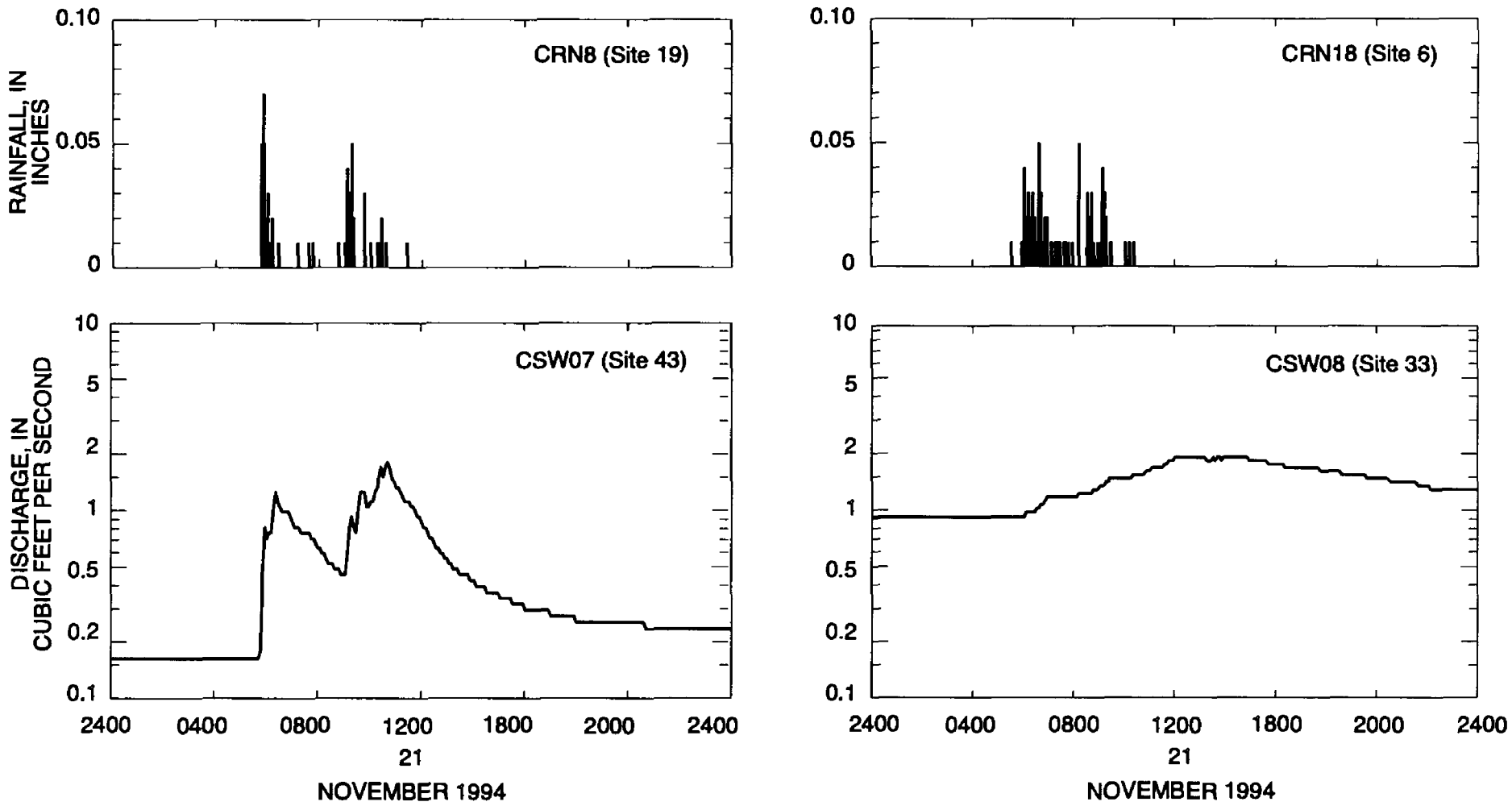


Figure 12. Incremental rainfall and instantaneous discharge values for selected storms at the study sites, November 1994 through June 1995.



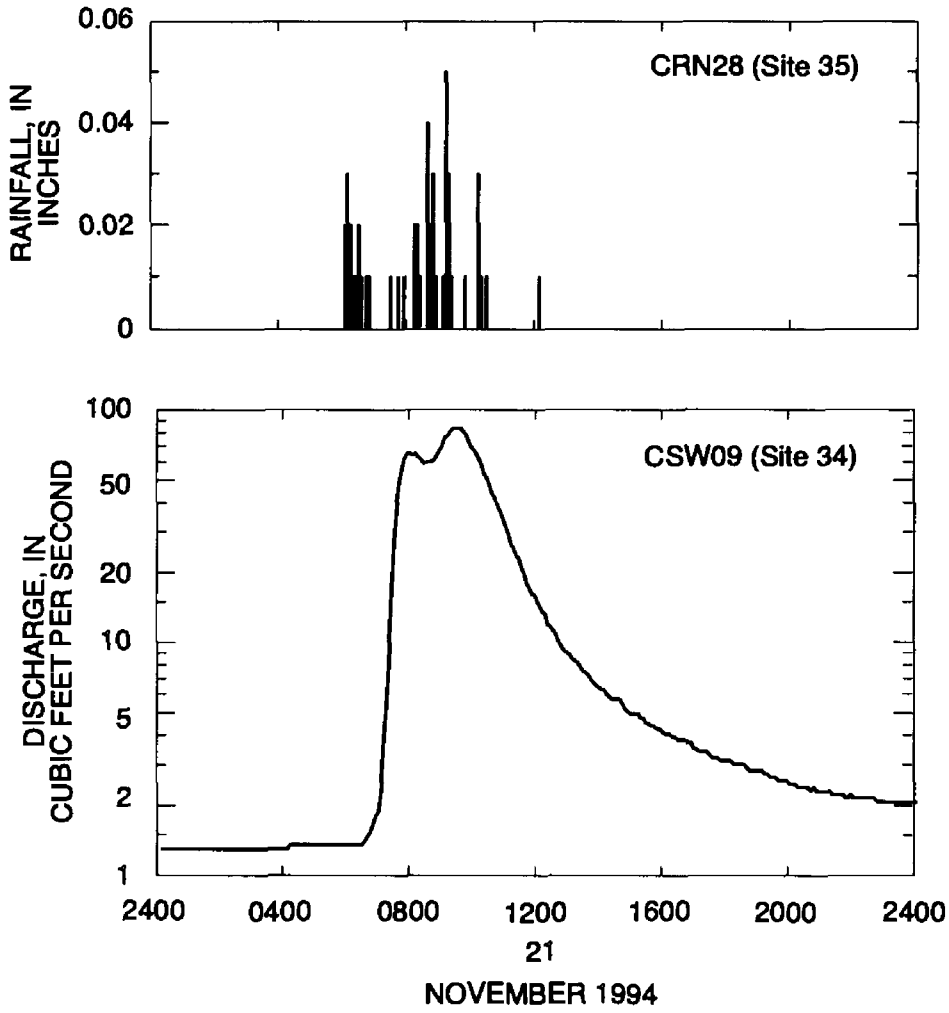


Figure 12. Incremental rainfall and instantaneous discharge values for selected storms at the study sites, November 1994 through June 1995—Continued.

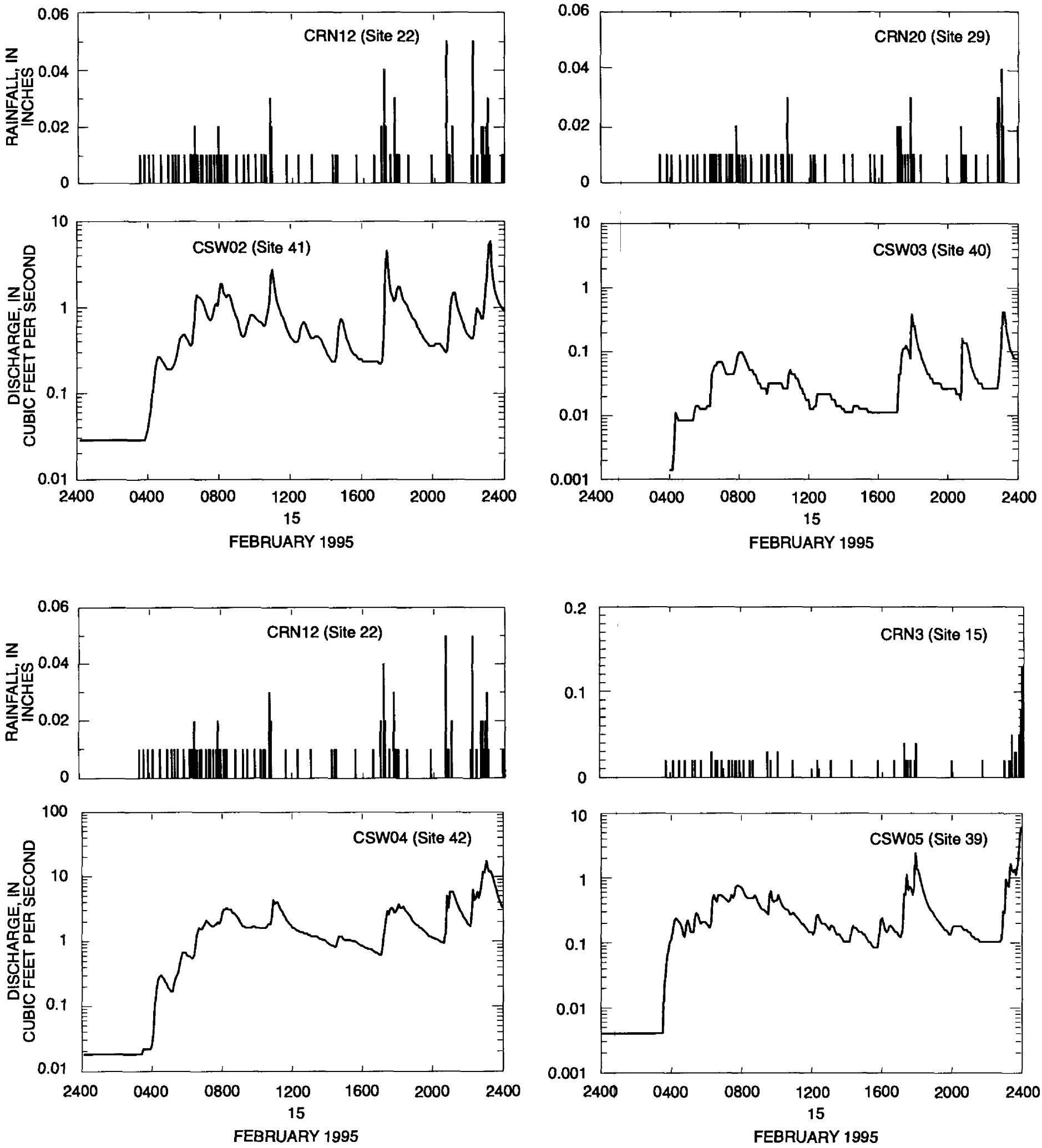


Figure 12. Incremental rainfall and instantaneous discharge values for selected storms at the study sites, November 1994 through June 1995—Continued.

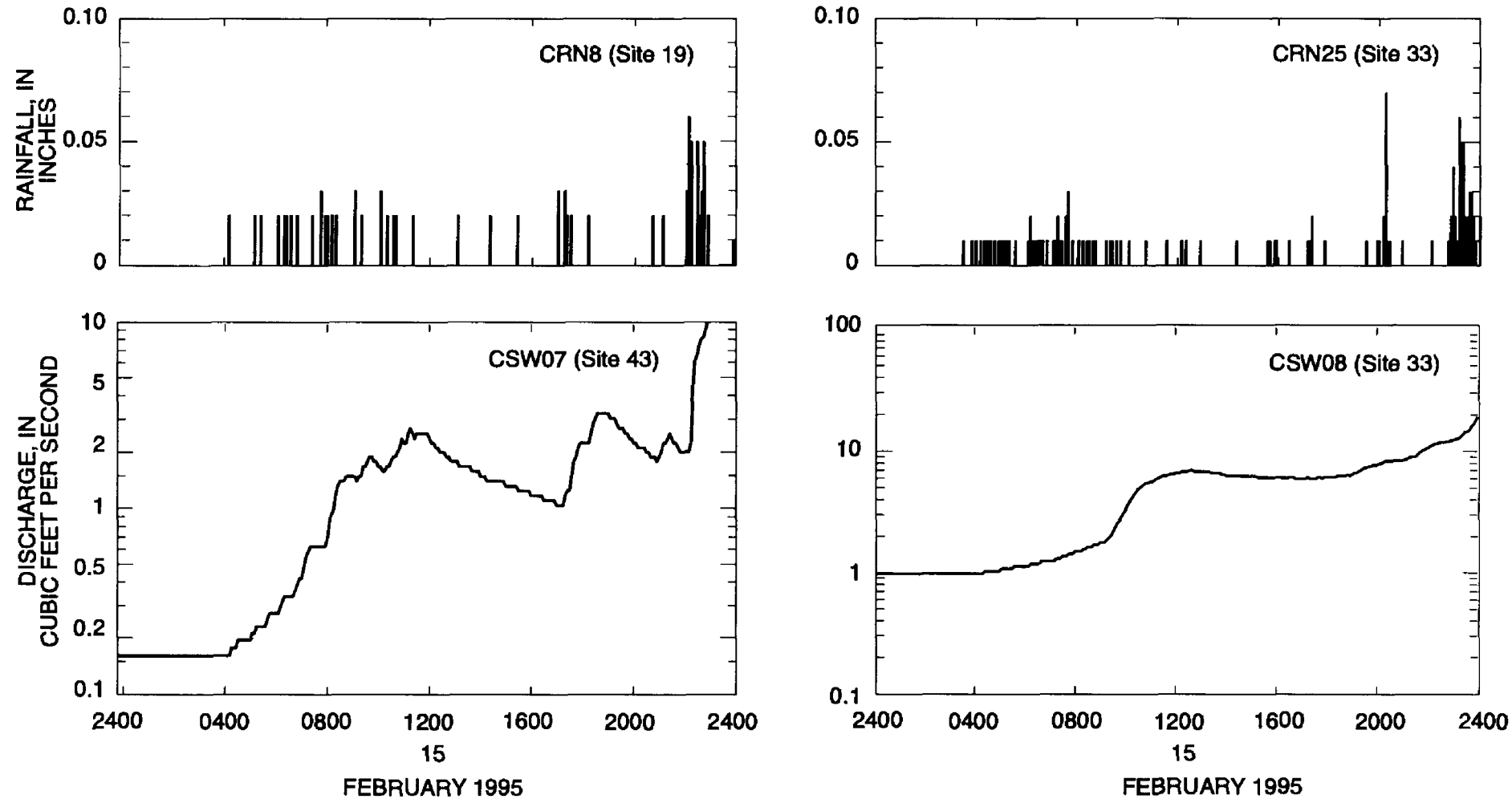


Figure 12. Incremental rainfall and instantaneous discharge values for selected storms at the study sites, November 1994 through June 1995—Continued.

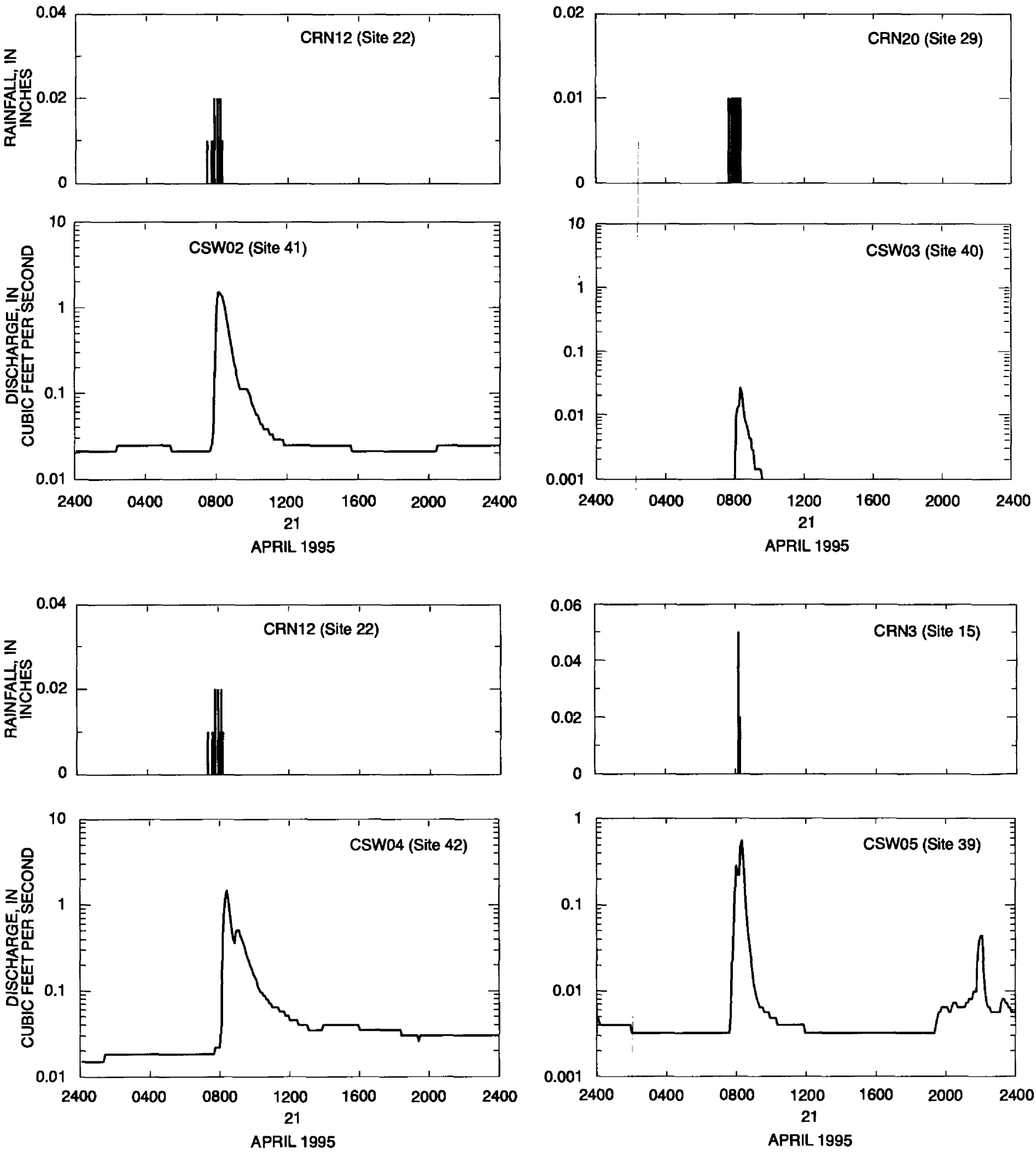
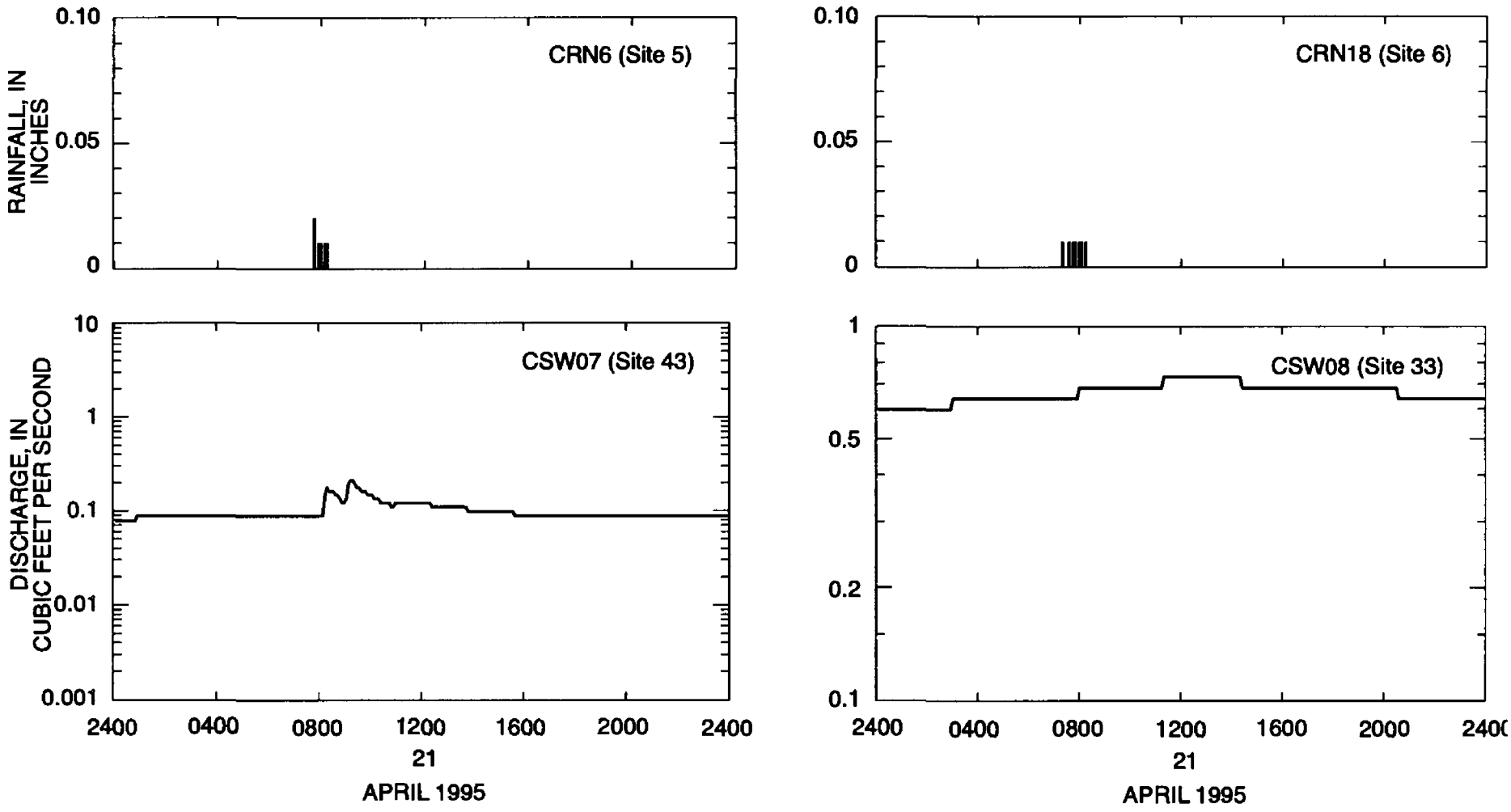


Figure 12. Incremental rainfall and instantaneous discharge values for selected storms at the study sites, November 1994 through June 1995—Continued.



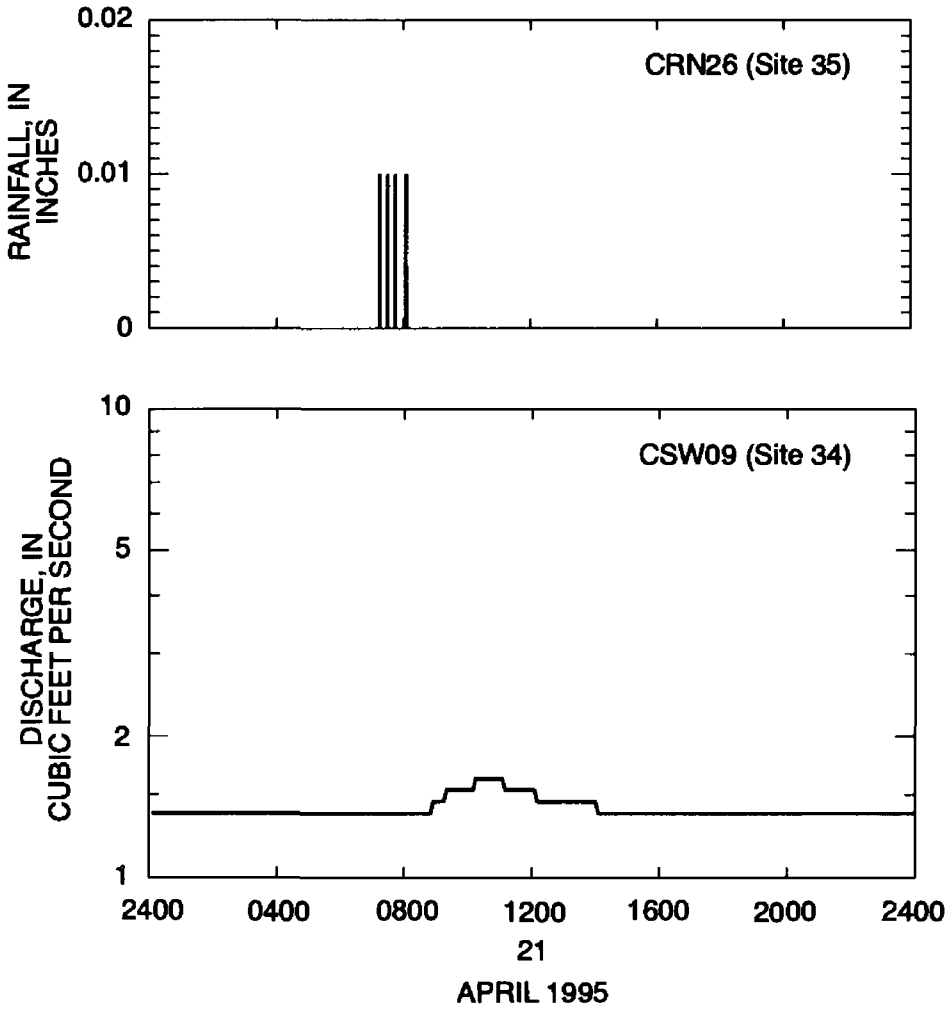


Figure 12. Incremental rainfall and instantaneous discharge values for selected storms at the study sites, November 1994 through June 1995—Continued.

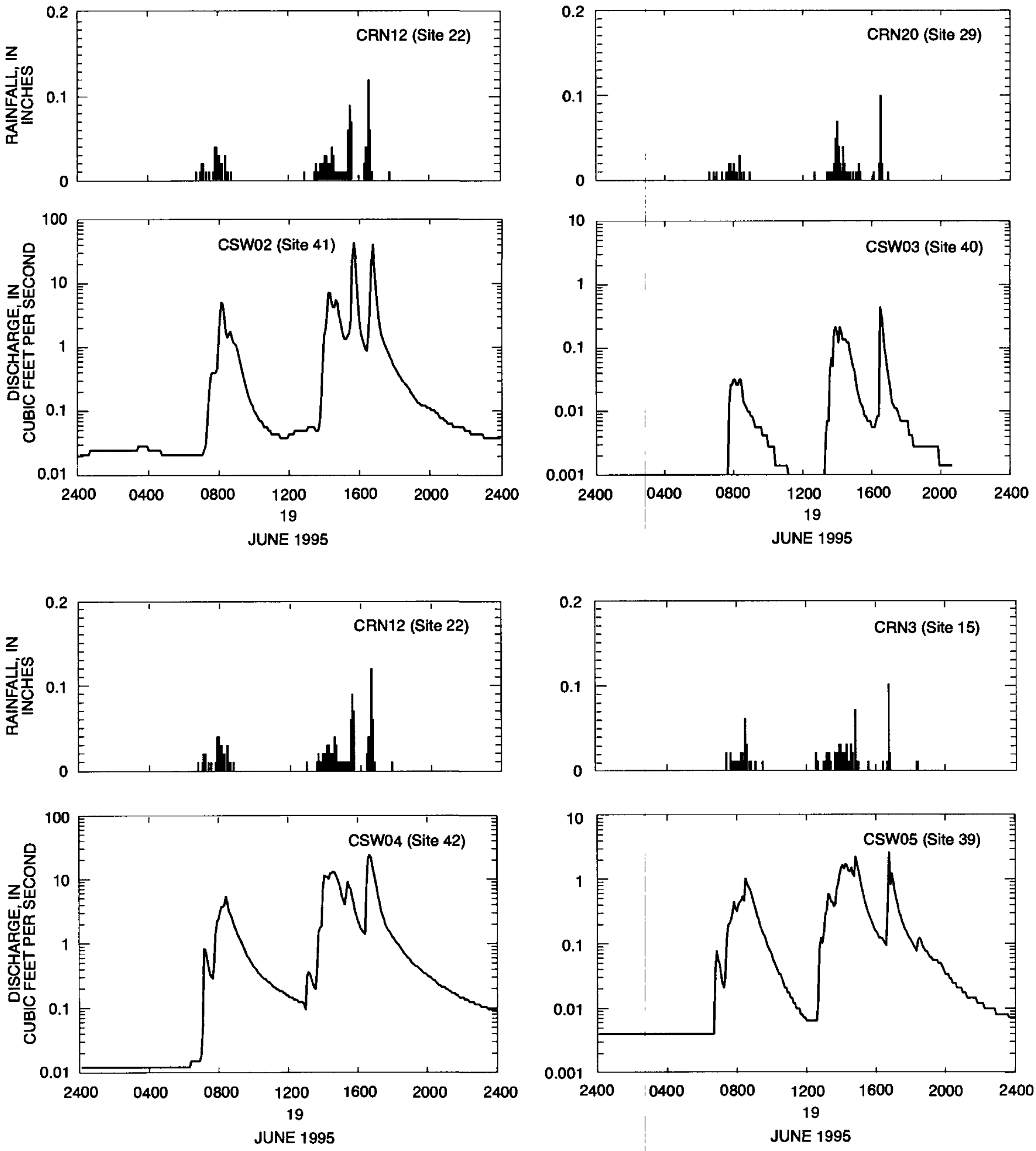


Figure 12. Incremental rainfall and instantaneous discharge values for selected storms at the study sites, November 1994 through June 1995—Continued.

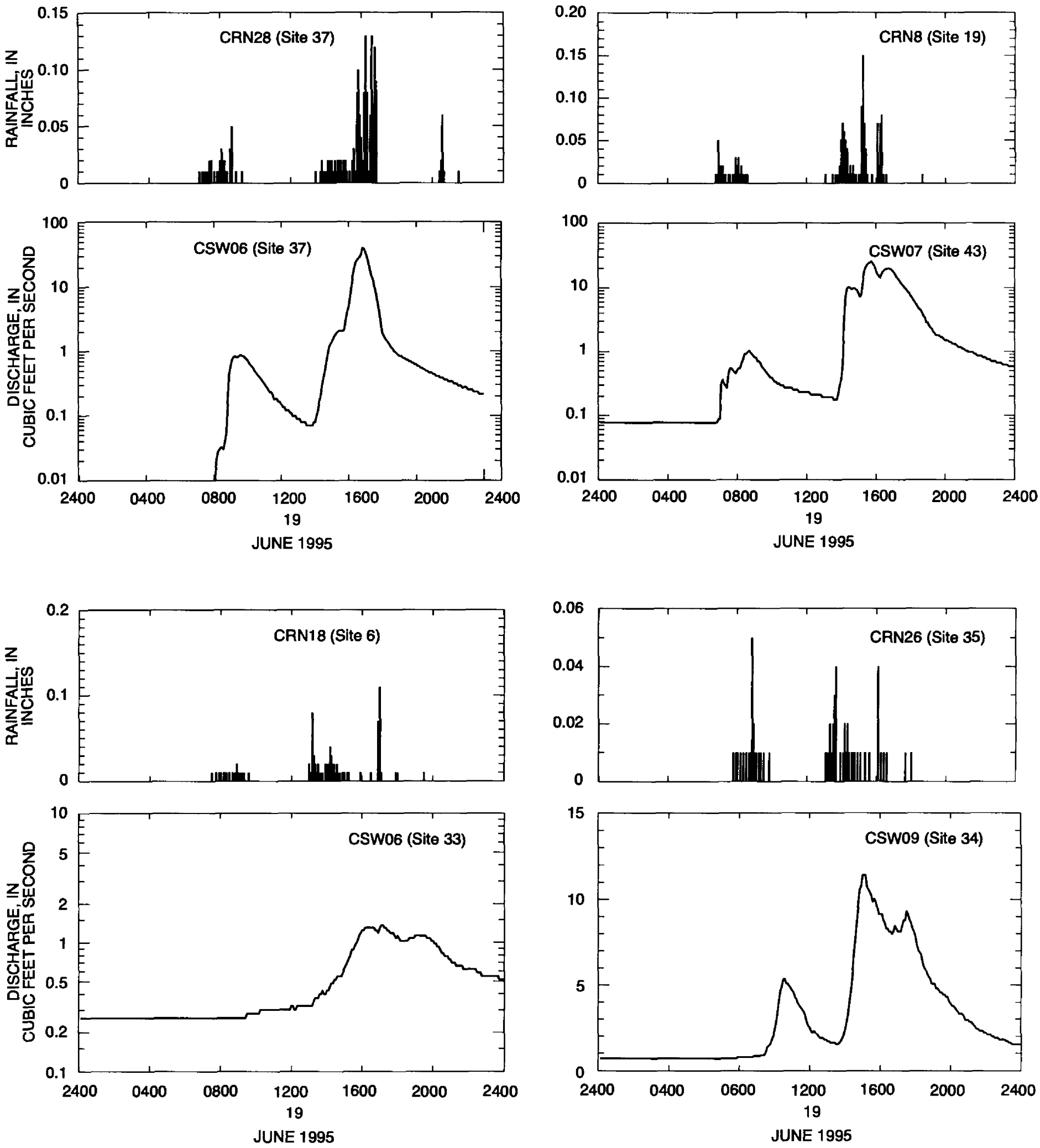


Figure 12. Incremental rainfall and instantaneous discharge values for selected storms at the study sites, November 1994 through June 1995—Continued.

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		PHYSICAL AND CHEMICAL PROPERTIES		
00010	WATER TEMPERATURE	°C	Thermometer/thermistor	0.5
90095	SPECIFIC CONDUCTANCE, LAB	µS/cm at 25 °C	Electrometric	1
00095	SPECIFIC CONDUCTANCE, FIELD	µS/cm at 25 °C	Electrometric	1
00403	pH, LAB	Standard pH units	Electrometric	0.1
00400	pH, FIELD	Standard pH units	Electrometric	0.1
90410	ALKALINITY, LAB	mg/L	Electrometric titration	1
80154	SUSPENDED SEDIMENT	mg/L	Gravimetric	1
00530	RESIDUE ON EVAPORATION AT 105 °C, SUSPENDED	mg/L	Gravimetric	1
00535	RESIDUE VOLATILE, SUSPENDED	mg/L	Gravimetric	1
70300	DISSOLVED SOLIDS RESIDUE AT 180 °C	mg/L	Gravimetric	1
00310[a]	5 DAY BIOCHEMICAL OXYGEN DEMAND	mg/L	Standard methods 5210	0.1
00340	CHEMICAL OXYGEN DEMAND	mg/L	Colorimetric	10
		NUTRIENTS, TOTAL AND DISSOLVED		
00625	NITROGEN AMMONIA + ORGANIC, TOTAL	mg/L	Jirka block digestion, salicylate-hypochlorite, automated-segmented flow, colorimetry	0.2
00631	$NO_2 + NO_3$, DISSOLVED	mg/L	Cadmium reduction, automated, colorimetry	0.05
00608	NITROGEN AMMONIA, DISSOLVED	mg/L	Salicylate-hypochlorite, automated-segmented flow, colorimetry	0.01
00605	NITROGEN ORGANIC, TOTAL	mg/L	Calculated from parameters 00625 and 00608	--
00600	NITROGEN, TOTAL	mg/L	Calculated from parameters 00625 and 00631	--
00665	PHOSPHORUS, TOTAL	mg/L	Jirka modified persulfate block digestion, automated ascorbic acid reduction colorimetry	0.01
00671	PHOSPHORUS ORTHO, DISSOLVED	mg/L	Ascorbic acid reduction, automated-segmented flow, colorimetry	0.01

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		OIL AND GREASE, TOTAL		
00556	OIL AND GREASE, TOTAL	mg/L	Extractable, extraction-gravimetric	1
		ORGANIC CARBON, TOTAL		
00680	CARBON ORGANIC, TOTAL	mg/L	Wet oxidation	0.1
		COLIFORM		
31679[a]	FECAL STREPTOCOCCI COLIFORM	counts/100 mL	Standard methods 9230C	--
31616[a]	FECAL COLIFORM	counts/100 mL	Standard methods 9222D	--
		ORGANIC COMPOUNDS - PESTICIDES, TOTAL		
39330	ALDRIN, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39340	LINDANE, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39350	CHLORDANE, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.10
39370	DDT, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39365	DDE, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39360	DDD, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39380	DIELDRIN, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39388	ENDOSULFAN, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39390	ENDRIN, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39410	HEPTACHLOR, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39420	HEPTACHLOR EPOXIDE, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39516	PCB, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.1
39400	TOXAPHENE, TOTAL	µg/L	Gas chromatograph/electron-capture detector	1
39034	PERTHANE, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.1
39570	DIAZINON, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
39398	ETHION, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
39530	MALATHION, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
39600	METHYL PARATHION, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		ORGANIC COMPOUNDS - PESTICIDES, TOTAL—Continued		
39540	PARATHION, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
39786	TRITHION, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
39250	PCN, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.1
39480	METHOXYCHLOR, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39755	MIREX, TOTAL	µg/L	Gas chromatograph/electron-capture detector	0.01
39011	DISYSTON, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
39023	PHORATE, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
38932	CHLORPYRIFOS, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
39040	DEF, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
82614	FONOFOS, TOTAL	µg/L	Gas chromatograph/flame photometry	0.01
		ORGANICS - VOLATILES, TOTAL		
34210	ACROLEIN, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	20
34215	ACRYLONITRILE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	20
34030	BENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
32104	BROMOFORM, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
32102	CARBON TETRACHLORIDE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34301	CHLOROBENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
32105	CHLORODIBROMOMETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34311	CHLOROETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
32106	CHLOROFORM, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34496	1,1-DICHLOROETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
32103	1,2-DICHLOROETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34501	1,1-DICHLOROETHYLENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34541	1,2-DICHLOROPROPANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		ORGANICS - VOLATILES, TOTAL—Continued		
34371	ETHYLBENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34413	METHYL BROMIDE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34423	METHYLENE CHLORIDE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34516	1,1,2,2-TETRACHLORO-ETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34475	TETRACHLOROETHYLENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34010	TOLUENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34546	1,2-TRANSDICHLOROETHENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34506	1,1,1-TRICHLOROETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34511	1,1,2-TRICHLOROETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
39180	TRICHLOROETHYLENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
39175	VINYL CHLORIDE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
30217	DIBROMOMETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
32101	DICHLOROBROMOMETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34668	DICHLORODIFLUORO-METHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34488	TRICHLOROFLUORO-METHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77651	1,2-DIBROMOETHANE, TOTAL	µg/L	Gas chromatograph/mass spectrometry	0.2
34418	METHYLCHLORIDE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34704	CIS 1,3-DICHLOROPROPENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34699	TRANS 1,3-DICHLORO-PROPENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77128	STYRENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
	ORGANICS - VOLATILES, TOTAL—Continued			
81551	XYLENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
82625	DIBROMOCHLOROPROPANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	1
77168	1,1-DICHLOROPROPENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77170	2,2-DICHLOROPROPANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77173	1,3-DICHLOROPROPANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77275	O-CHLOROTOLUENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77277	P-CHLOROTOLUENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77443	1,2,3-TRICHLOROPROPANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77562	1,1,1,2-TETRACHLORO-ETHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
78032	TERTBUTYL METHYL ETHER, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77297	BROMOCHLORO METHANE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77093	CIS-1,2-DICHLOROETHENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
34576	2-CHLOROETHYL VINYL ETHER, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	1
77223	ISOPROPYL BENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77224	N-PROPY BENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77353	TERTBUTYL BENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77222	PSEUDOCUMENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77350	SEC-BUTYL BENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77356	P-ISOPROPYL TOLUENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77342	N-BUTYL BENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		ORGANICS - VOLATILES, TOTAL—Continued		
77613	1,2,3-TRICHLOROBENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77652	FREON-113, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
77226	MESITYLENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
81555	BROMOBENZENE, TOTAL	µg/L	Purge and trap; gas chromatograph/mass spectrometry	0.2
		METALS AND MINOR CONSTITUENTS, TOTAL		
01097	ANTIMONY, TOTAL	µg/L	Digestion, AA, hydride	1
01002	ARSENIC, TOTAL	µg/L	Digestion, AA, hydride	1
01012	BERYLLIUM, TOTAL	µg/L	Digestion, AA, direct	10
01027	CADMIUM, TOTAL	µg/L	Digestion, AA, graphite furnace	1
01034	CHROMIUM, TOTAL	µg/L	Digestion, atomic emission, direct current plasma	1
01042	COPPER, TOTAL	µg/L	Digestion, AA, graphite furnace	1
01051	LEAD, TOTAL	µg/L	Digestion, AA, graphite furnace	1
71900	MERCURY, TOTAL	µg/L	Digestion, cold vapor	0.1
01067	NICKEL, TOTAL	µg/L	Digestion, AA, graphite furnace	1
01147	SELENIUM, TOTAL	µg/L	Digestion, hydride conversion, AA	1
01077	SILVER, TOTAL	µg/L	Digestion, AA, graphite furnace	1
01092	ZINC, TOTAL	µg/L	Digestion, AA, direct aspiration	10
00720	CYANIDE, TOTAL	mg/L	Colorimetric, barbituric acid, automated-segmented flow	0.01
		ORGANIC COMPOUNDS - PESTICIDES, DISSOLVED		
46342	ALACHLOR, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.009
04040	DEETHYLATRAZINE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.005
39632	ATRAZINE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.02
82686	METHYL AZINPHOS, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.05
82673	BENFLURALIN, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
04028	BUTYLATE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		ORGANIC COMPOUNDS - PESTICIDES, DISSOLVED—Continued		
82680	CARBARYL, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.05
82674	CARBOFURAN, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
38933	CHLORPYRIFOS, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
04041	CYANAZINE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
82682	DCPA, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.004
34653	P,P' DDE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
39572	DIAZINON, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
39381	DIELDRIN, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
82660	2,6-DIETHYL ANILINE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.006
82662	DIMETHOATE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.02
82677	DISULFOTON, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.06
82668	EPTC, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.005
82663	ETHALFLURALIN, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
82672	ETHOPROP, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
04095	FONOFOS, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
34253	ALPHA BHC, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.007
39341	LINDANE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
82666	LINURON, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.04
39532	MALATHION, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
82667	METHYL PARATHION, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.03
39415	METOLACHLOR, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.009
82630	METRIBUZIN, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
82671	MOLINATE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.007
82684	NAPROPAMIDE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		ORGANIC COMPOUNDS - PESTICIDES, DISSOLVED—Continued		
39542	ETHYL PARATHION, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.02
82669	PEBULATE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.009
82683	PENDIMETHALIN, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.02
82687	PERMETHRIN, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.02
82664	PHORATE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
82676	PRONAMIDE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.009
04037	PROMETON, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
04024	PROPACHLOR, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.02
82679	PROPANIL, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.02
82685	PROPARGITE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
04035	SIMAZINE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
82681	THIOBENCARB, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
82670	TEBUTHIURON, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.02
82665	TERBACIL, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.03
82675	TERBUFOS, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
82678	TRIALLATE, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.008
82661	TRIFLURALIN, DISSOLVED	µg/L	Solid phase extraction, gas chromatograph/mass spectrometry	0.01
39742	2,4,5-T, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
39732	2,4-D, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38746	2,4-DB, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49315	ACIFLUORFEN, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49312	ALDICARB, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49313	ALDICARB SULFONE, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49314	ALDICARB SULFOXIDE, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38711	BENTAZON, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
	ORGANIC COMPOUNDS - PESTICIDES, DISSOLVED—Continued			
04029	BROMACIL, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49311	BROMOXYNIL, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49310	CARBARYL, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49309	CARBOFURAN, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49308	3-HYDROXY-CARBOFURAN	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49307	CHLORAMBEN, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49306	CHLOROTHALONIL, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49305	CLOPYRALID, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49304	DACTHAL MONO-ACID, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38442	DICAMBA, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
~~49303~~	~~DICHLOBENIL, DISSOLVED~~	~~µg/L~~	~~Solid phase extraction, high pressure liquid chromatography~~	~~0.05~~
49302	DICHLORPROP, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49301	DINOSEB, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49300	DIURON, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49299	4,6-DINITRO OCRESOL, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49298	ESFENVALERATE, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49297	FENURON, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38811	FLUOMETURON, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38478	LINURON, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38482	MCPA, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38487	MCPB, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38501	METHIOCARB, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49296	METHOMYL, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49295	1-NAPHTHOL, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		ORGANIC COMPOUNDS - PESTICIDES, DISSOLVED—Continued		
49294	NEBURON, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49293	NORFLURAZON, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49292	ORYZALIN, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38866	OXAMYL, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49291	PICLORAM, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49236	PROPHAM, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
38538	PROPOXUR, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
39762	SILVEX, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
49235	TRICLOPYR, DISSOLVED	µg/L	Solid phase extraction, high pressure liquid chromatography	0.05
		ORGANIC COMPOUNDS - ORGANONITROGEN, TOTAL		
39057	PROMETRYNE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
39056	PROMETONE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
39054	SIMETRYNE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
81757	CYANAZINE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
77825	ALACHLOR, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
82611	METRIBUZIN, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
30311	TERBACIL, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
30245	CARBOXIN, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
30264	HEXAZINONE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
30235	BUTACHLOR, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
30236	BUTYLATE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
75981	DEETHYLATRAZINE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
39630	ATRAZINE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
39055	SIMAZINE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
39024	PROPAZINE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
82184	AMETRYNE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1

Table 5. Analytical procedures and method detection limits for chemical constituents in water analyzed by the U.S. Geological Survey National Water-Quality Laboratory, May 1994 through June 1995—Continued

[USGS, U.S. Geological Survey; DEHNR, North Carolina Department of Environment, Health, and Natural Resources; µS/cm at 25 °C, microsiemens per centimeter at 25 degrees Celsius; --, not applicable; mg/L, milligram per liter; AA, atomic absorption spectrometry; µg/L, microgram per liter]

Parameter code	Chemical constituent	Reporting unit	Analytical method	Method detection limit (minimum reporting level)
		ORGANIC COMPOUNDS - ORGANONITROGEN, TOTAL—Continued		
39030	TRIFLURALIN, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
82612	METOLACHLOR, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
30234	BROMACIL, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
30255	DIPHENAMID, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
30324	VERNOLATE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
30254	CYCLOATE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
30295	PROPACHLOR, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.1
75980	DEISOPROPYLATRAZINE, TOTAL	µg/L	Gas chromatograph/nitrogen phosphorus detector	0.2
		ORGANIC COMPOUNDS - HERBICIDES, TOTAL		
39730	2,4-D, TOTAL	µg/L	Gas chromatograph/electron capture detector	0.01
39760	SILVEX, TOTAL	µg/L	Gas chromatograph/electron capture detector	0.01
39720	PICLORAM, TOTAL	µg/L	Gas chromatograph/electron capture detector	0.01
39740	2,4,5-T, TOTAL	µg/L	Gas chromatograph/electron capture detector	0.01
82183	2,4-DP, TOTAL	µg/L	Gas chromatograph/electron capture detector	0.01
82052	DICAMBA, TOTAL	µg/L	Gas chromatograph/electron capture detector	0.01
		ORGANIC COMPOUNDS - CARBAMATE PESTICIDES, TOTAL		
39750	SEVIN, TOTAL	µg/L	High pressure liquid chromatography	0.5
39051	METHOMYL, TOTAL	µg/L	High pressure liquid chromatography	0.5
82619	ALDICARB, TOTAL	µg/L	High pressure liquid chromatography	0.5
30296	PROPOXUR, TOTAL	µg/L	High pressure liquid chromatography	0.5
39052	PROPHAM, TOTAL	µg/L	High pressure liquid chromatography	0.5
82615	CARBOFURAN, TOTAL	µg/L	High pressure liquid chromatography	0.5
77441	1-NAPHTHOL, TOTAL	µg/L	High pressure liquid chromatography	0.5
30282	METHIOCARB, TOTAL	µg/L	High pressure liquid chromatography	0.5

[a]Analyses performed by the Mecklenburg County Department of Environmental Protection Laboratory.

ABBREVIATIONS USED IN DATA TABLES 6-58

ACCUM	accumulation
°C	degrees Celsius
CFSM	cubic foot per second
COLS./100 ML	colonies per 100 milliliters
COLS. PER 100 ML	colonies per 100 milliliters
DEG C, DEG. C	degrees Celsius
ft^3/s	cubic foot per second
IN., IN	inch
INST.	instantaneous
MAX	maximum
µg/L, UG/L	microgram per liter
µS/cm, US/CM	microsiemens per centimeter
mg/L, MG/L	milligram per liter
MIN	minimum
RECOV.	recoverable
UM-MF	micron micropore filter
<	less than
>	greater than
≤	less than or equal to

Table 6. Daily rainfall totals at CRN01 (Site 13), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	---	0.00	0.64	0.00	0.00	0.00	0.01	0.00	0.10
2	.00	.01	.00	---	.00	1.50	.00	.00	.00	.00	.00	.34
3	.00	.00	.00	---	.00	.00	.00	.78	.00	.00	.00	.33
4	.00	.00	.30	---	.00	.00	.00	.10	.00	.21	.00	.01
5	.00	.74	.47	---	.10	.00	.00	.01	.22	.01	.28	.00
6	.00	.00	.00	---	.00	.00	.12	.00	.14	.00	.00	.01
7	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	---	.00	.00	.00	.27	.17	.00	.00	.00
9	.00	.00	.00	---	.00	.08	.00	.00	.00	.00	.00	.00
10	.00	.01	.11	---	.17	.38	.01	.00	.26	1.20	.00	.00
11	.00	.00	.00	---	.36	.00	.07	.00	.00	.85	.00	.00
12	.00	.00	.00	---	.29	.00	.00	.00	.00	.07	.00	.00
13	.00	.00	.00	---	.00	.00	.35	.00	.01	.17	.00	.00
14	.00	.00	.46	---	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.02	---	---	.00	.00	.21	.59	.00	.01	1.18	.00
16	.00	.00	---	---	.00	.00	1.17	.00	.00	.00	.96	.00
17	.00	.10	---	---	.00	.00	.00	.00	.00	.13	.00	.00
18	.00	.00	---	---	.00	.00	.00	.00	.00	.23	.00	.03
19	.00	.03	---	---	.00	.00	.00	.00	.00	.57	.95	.00
20	.00	.01	---	---	.00	.00	.00	.00	.00	.79	.00	.00
21	.01	.00	---	---	.07	.00	.00	.00	.00	.12	.09	.00
22	.07	.00	---	---	.01	.00	.00	.00	.00	.01	.01	.00
23	.00	.00	---	---	1.40	.00	.00	.00	.00	.02	.00	.00
24	.00	.00	---	---	.17	.00	.00	.00	.04	.00	.00	.34
25	.00	.00	---	---	.00	.78	.00	.00	.10	.00	.00	.96
26	.02	.00	---	0.00	.00	.00	.00	.00	.32	.33	.00	.00
27	.00	2.33	---	.09	.00	1.17	.00	.00	.69	.79	.03	.00
28	.00	.01	---	.76	.00	.96	.00	.00	1.15	.19	.00	.00
29	.00	.00	---	.00	---	.46	.00	.00	.05	.50	.00	.00
30	1.55	.00	---	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.28	---	---	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	1.93	3.26	---	---	2.57	5.97	1.93	1.75	3.15	6.21	3.50	2.12

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.00	0.00	0.02	0.00	0.24	0.00	1.14	0.54
2	.00	.00	.00	.00	.01	.00	.00	.20	.22
3	.04	.00	.00	.00	.00	.05	.00	.00	.09
4	.00	.00	.49	.00	.12	.01	.00	.01	.00
5	.00	.00	.01	.00	.00	.02	.00	.00	.03
6	.00	.00	.00	1.03	.00	.19	.00	.00	1.59
7	.00	.00	.00	.05	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.69	.00	.00	.00
9	.20	.00	.00	.01	.00	.00	.00	.00	.00
10	1.83	.00	.08	.00	.22	.00	.00	1.18	.00
11	.00	.32	.09	.01	.09	.00	.00	.00	.00
12	.00	.01	.00	.01	.00	.00	.25	.00	.16
13	.41	.00	.02	.17	.01	.00	.00	.69	.01
14	.31	.00	.15	.92	.00	.00	.00	.00	.00
15	.00	.00	.00	.37	1.34	.00	.00	.01	.00
16	.00	.00	.02	.00	1.60	.00	.00	.00	.00
17	.00	.00	.01	.00	.19	.00	.00	.00	.00
18	.00	.00	.00	.00	.59	.00	.00	.00	.00
19	.00	.00	.00	.21	.00	.00	.00	.69	.83
20	.00	.00	.00	.00	.01	.00	.00	.00	.03
21	.00	.47	.00	.00	.01	.20	.02	.00	.00
22	1.22	.00	.14	.00	.00	.00	.00	.00	.00
23	.16	.00	.18	.03	.00	.00	.12	.00	.01
24	---	.00	.01	.01	.00	.01	.28	.00	.00
25	---	.00	.00	.01	.00	.00	.00	.00	.43
26	---	.00	.00	.00	.00	.00	.00	.00	.02
27	---	.95	.00	.00	.50	.03	.00	.11	.14
28	---	.14	.00	.55	.61	.01	.00	.02	.04
29	.00	.15	.00	.21	---	.00	.00	.00	.03
30	.00	.03	.00	.03	---	.00	.36	.01	.02
31	.00	---	.17	.00	---	.00	---	.00	---
TOTAL	---	2.07	1.37	3.64	5.30	1.45	1.03	4.06	4.19

Table 7. Daily rainfall totals at CRN02 (Site 14), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.03	0.05
2.	00	.00	.00	.00	.00	1.00	.00	.00	.00	.16	.01	.28
3	.00	.00	.00	.42	.00	.00	.00	.82	.00	.00	.00	.46
4	.00	.00	.20	.31	.00	.00	.00	.05	.00	.04	.00	.00
5	.00	.43	.39	.00	.10	.00	.00	.00	.47	.05	.32	.00
6	.00	.01	.00	.00	.00	.00	.15	.00	.31	.00	.00	.02
7	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.27	.00	.00	.00	.12	.53	.04	.00	.00
9	.00	.00	.00	.01	.00	.12	.00	.00	.00	.00	.00	.01
10	.00	.00	.14	.03	.19	.29	.00	.00	.29	.57	.00	.00
11	.00	.00	.00	.00	.45	.00	.08	.00	.00	.25	.00	.00
12	.00	.00	.00	.54	.37	.00	.00	.00	.00	.01	.00	.00
13	.00	.00	.00	.00	.00	.00	.34	.00	.00	.02	.00	.00
14	.00	.00	.44	.00	.00	.00	.00	.00	.00	.02	.00	.00
15	.00	.03	.25	.10	.00	.00	.34	.10	.00	.00	.79	.00
16	.00	.00	.00	.00	.00	.00	1.53	.01	.14	.00	1.49	.00
17	.00	.08	.00	.00	.00	.00	.00	.00	.04	.55	.68	.00
18	.00	.00	.00	.34	.00	.00	.00	.00	.01	.70	.00	.01
19	.00	.00	.01	.00	.00	.00	.00	.00	.01	1.22	.03	.00
20	.00	.00	.52	.01	.00	.00	.00	.00	.00	.57	.00	.00
21	.00	.00	.08	.17	.09	.00	.00	.00	.00	.13	.00	.00
22	.05	.00	.00	.14	.01	.00	.00	.00	.00	.01	.00	.00
23	.01	.00	.18	.00	1.05	.00	.00	.00	.00	.00	.01	.00
24	.00	.00	.00	.00	.11	.00	.00	.00	.15	.00	.00	.53
25	.00	.00	.00	.09	.00	.74	.00	.00	.02	.00	.00	.01
26	.00	.00	.01	.10	.00	.00	.00	.00	.54	.35	.00	.00
27	.00	1.56	.00	.12	.00	1.03	.00	.00	.82	.07	.24	.00
28	.00	.00	.20	.61	.00	1.10	.00	.00	1.19	.60	.00	.00
29	.00	.00	.07	.00	---	.28	.00	.00	.02	.04	.00	.00
30	1.01	.00	.02	.00	---	.00	.00	.00	.00	.00	.03	.00
31	.17	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	1.24	2.11	2.51	3.31	2.37	5.01	2.44	1.10	4.54	5.40	3.63	1.37

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.00	0.00	0.00	0.01	0.30	0.00	1.07	1.73
2	.00	.00	.00	.00	.01	.00	.00	.07	.43
3	.16	.00	.00	.00	.00	.10	.00	.00	.20
4	.00	.00	.50	.00	.05	.02	.00	.01	.00
5	.00	.00	.01	.00	.00	.01	.00	.00	.06
6	.00	.00	.00	1.08	.00	.19	.00	.00	1.66
7	.00	.00	.00	.09	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.78	.00	.00	.00
9	.10	.00	.00	.00	.00	.00	.00	.00	.00
10	1.41	.39	.06	.00	.19	.00	.00	1.20	.00
11	.00	.01	.09	.01	.09	.00	.00	.00	.11
12	.00	.00	.00	.02	.00	.00	.17	.01	.65
13	.27	.00	.00	.20	.00	.00	.00	.81	.00
14	.20	.00	.16	1.57	.00	.00	.00	.00	.00
15	.00	.00	.00	.43	1.45	.00	.00	.01	.00
16	.00	.00	.01	.00	2.06	.00	.00	.00	.00
17	.00	.00	.00	.00	.17	.00	.00	.00	.00
18	.00	.00	.00	.00	.56	.00	.00	.00	.00
19	.00	.00	.00	.37	.00	.00	.00	.64	.80
20	.01	.00	.00	.00	.00	.00	.00	.00	.02
21	.00	.41	.00	.00	.01	.22	.06	.00	.00
22	1.00	.00	.14	.00	.00	.00	.01	.00	.06
23	.49	.00	.14	.10	.00	.00	.17	.00	.00
24	.00	.00	.00	.00	.00	.00	.44	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.79	.00	.00	.92	.07	.00	.00	.18
28	.00	.14	.00	.45	.52	.00	.00	.00	.50
29	.00	.15	.00	.15	---	.00	.00	.04	.05
30	.00	.01	.00	.04	---	.00	.57	.00	.00
31	.01	---	.23	.00	---	.00	---	.00	---
TOTAL	3.65	1.90	1.34	4.51	6.04	1.69	1.42	3.86	6.45

Table 8. Daily rainfall totals at CRN03 (Site 15), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.06	0.00	0.57	0.00	0.00	0.00	0.02	0.00	0.14
2	.00	.00	.00	.00	.00	1.20	.00	.00	.00	.00	.00	.39
3	.00	.00	.00	.59	.00	.00	.00	.85	.00	.00	.00	.38
4	.00	.01	.35	.39	.00	.00	.00	.04	.00	.02	.00	.00
5	.00	.87	.46	.00	.14	.00	.00	.00	.13	.19	.15	.00
6	.00	.01	.00	.00	.00	.00	.19	.00	.30	.00	.00	.04
7	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.35	.00	.00	.00	.33	.30	.00	.00	.00
9	.00	.00	.00	.06	.00	.14	.00	.01	.00	.00	.00	.00
10	.00	.00	.20	.05	.20	.33	.05	.00	.29	---	.00	.00
11	.00	.00	.00	.00	.50	.00	.05	.00	.00	---	.01	.00
12	.00	.00	.00	.75	.32	.00	.01	.00	.00	---	.01	.00
13	.00	.00	.00	.00	.00	.00	.32	.00	.00	---	.00	.00
14	.00	.00	.64	.00	.00	.00	.00	.00	.00	---	.00	.00
15	.00	.04	.27	.00	.00	.00	.86	.69	.00	---	1.44	.00
16	.00	.00	.00	.00	.00	.00	1.42	.01	.02	---	2.05	.00
17	.00	.07	.00	.00	.00	.00	.00	.00	.02	---	.63	.00
18	.00	.00	.03	.28	.00	.00	.00	.01	.11	---	.04	.08
19	.00	.05	.00	.00	.00	.00	.00	.00	.00	---	.58	.00
20	.00	.00	.72	.00	.00	.00	.00	.00	.00	---	.00	.00
21	.07	.00	.09	.00	.11	.00	.00	.00	.00	---	.14	.00
22	.13	.00	.00	.09	.01	.00	.03	.00	.00	---	.00	.00
23	.00	.00	.19	.09	1.51	.00	.04	.00	.00	---	.00	.00
24	.00	.00	.00	.00	.12	.02	.00	.00	.06	---	.00	.64
25	.00	.00	.00	.12	.00	.67	.00	.00	.09	---	.00	.06
26	.00	.00	.00	.08	.00	.00	.00	.03	.54	.04	.00	.00
27	.00	3.02	.00	.08	.00	1.06	.06	.00	.74	.18	.03	.00
28	.00	.00	.20	.76	.00	1.18	.01	.00	.81	.18	.00	.00
29	.01	.00	.06	.00	---	.45	.00	.00	.05	.55	.00	.00
30	1.50	.00	.01	.03	---	.00	.00	.00	.00	.00	.01	.00
31	.22	---	.01	.00	---	.00	---	.00	---	.00	.01	---
TOTAL	1.93	4.07	3.23	3.83	2.91	5.62	3.04	1.97	3.46	---	5.10	1.73

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.03	0.00	0.01	0.00	0.24	0.00	1.24	0.53
2	.00	.00	.00	.00	.01	.00	.00	.17	.66
3	.11	.00	.00	.00	.00	.07	.00	.00	.11
4	.00	.00	.44	.00	.10	.01	.00	.01	.00
5	.00	.00	.02	.00	.00	.04	.00	.00	.07
6	.00	.04	.00	1.14	.00	.23	.00	.00	1.90
7	.00	.00	.00	.01	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.85	.00	.00	.00
9	.25	.00	.00	.00	.00	.00	.00	.00	.00
10	1.55	.29	.09	.00	.29	.01	.00	1.71	.00
11	.00	.00	.12	.06	.12	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	.25	.00	.35
13	.36	.00	.06	.20	.00	.00	.00	---	.01
14	.23	.00	.15	1.15	.00	.00	.00	.00	.00
15	.00	.00	.00	.46	1.33	.00	.00	.00	.00
16	.00	.00	.02	.00	1.79	.00	.00	.00	.00
17	.00	.00	.01	.00	.20	.00	.00	.00	.00
18	.00	.00	.00	.00	.57	.00	.00	.00	.00
19	.00	.00	.00	.53	.00	.00	.00	.84	.94
20	.09	.00	.00	.00	.00	.00	.00	.00	.06
21	.00	.47	.00	.00	.00	.24	.07	.00	.04
22	1.29	.00	.22	.00	.00	.00	.00	.00	.00
23	.19	.00	.27	.14	.00	.00	.15	.00	.00
24	.00	.00	.00	.00	.00	.00	.25	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.18
26	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.98	.00	.00	.63	.15	.00	.22	.10
28	.00	.19	.00	.63	.59	.00	.00	.01	.66
29	.00	.19	.00	.24	---	.00	.00	.00	.09
30	.00	.04	.00	.04	---	.00	.40	.00	.00
31	.02	---	.27	.00	---	.00	---	.00	---
TOTAL	4.09	2.23	1.67	4.62	5.63	1.84	1.12	---	5.70

Table 9. Daily rainfall totals at CRN04 (Site 16), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.77	0.00	0.00	0.00	0.00	0.00	0.20
2	.00	.00	.00	.01	.00	1.46	.00	.00	.00	.00	.00	.10
3	.00	.00	.00	.75	.00	.00	.00	1.09	.00	.00	.00	.18
4	.00	.03	.53	.36	.00	.00	.00	.03	.00	.00	.00	.00
5	.00	1.06	.42	.00	.22	.00	.00	.00	.06	.15	.00	.00
6	.00	.00	.00	.00	.00	.00	.19	.00	.37	.00	.00	.04
7	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.25	.01	.00	.00	.42	.73	.00	.00	.00
9	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00
10	.00	.00	.22	.01	.23	.26	.01	.00	.21	.00	.00	.00
11	.00	.00	.00	.01	.47	.00	.04	.00	.00	.23	.00	.00
12	.00	.00	.00	.98	.24	.00	.00	.00	.00	.04	.00	.00
13	.00	.00	.00	.00	.01	.01	.44	.00	.00	.00	.00	.00
14	.00	.00	.70	.00	.00	.01	.00	.00	.00	.01	.03	.00
15	.00	.05	.21	.00	.00	.00	.48	.19	.00	.21	2.37	.00
16	.00	.00	.00	.00	.00	.00	1.13	.00	.00	.00	1.80	.00
17	.00	.11	.00	.00	.00	.00	.00	.00	.00	.00	.81	.00
18	.00	.00	.00	.07	.00	.00	.00	.00	.84	.02	.00	.11
19	.00	.04	.01	.00	.00	.00	.00	.00	.01	2.18	1.03	.00
20	.00	.00	.85	.01	.00	.00	.00	.00	.00	.29	.01	.00
21	.13	.00	.05	.09	.15	.00	.00	.00	.00	.26	.28	.00
22	.14	.00	.00	.06	.01	.00	.00	.00	.00	.00	.00	.00
23	.00	.00	.22	.00	1.66	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.16	.01	.00	.00	.00	.00	.00	.71
25	.00	.00	.00	.09	.00	.58	.00	.00	.15	.00	.00	.01
26	.00	.00	.05	.09	.00	.00	.00	.14	.12	.01	.00	.00
27	.00	1.76	.00	.15	.00	.48	.18	.00	.30	.11	.46	.00
28	.00	.00	.14	.86	.00	1.60	.01	.00	.34	.23	.01	.00
29	.00	.00	.04	.00	---	.54	.00	.00	.10	.11	.01	.00
30	1.81	.00	.00	.02	---	.00	.00	.00	.00	.00	.00	.00
31	.36	---	.03	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	2.44	3.05	3.47	3.85	3.16	5.82	2.48	1.87	3.23	3.85	6.81	1.35

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.03	0.00	0.01	0.00	0.25	0.00	1.96	0.71
2	.00	.00	.00	.00	.00	.00	.00	.25	.68
3	.02	.00	.00	.00	.00	.07	.00	.00	.17
4	.00	.00	.60	.00	.08	.02	.00	.00	.00
5	.00	.00	.05	.00	.00	.07	.00	.00	.13
6	.00	.02	.00	1.10	.00	.00	.00	.00	1.41
7	.00	.00	.01	.01	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.70	.00	.00	.00
9	.21	.00	.00	.00	.00	.00	.00	.00	.00
10	1.46	.30	.08	.00	.31	.00	.00	.03	.00
11	.00	.00	.10	.01	.13	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	.35	.00	.13
13	.32	.00	.00	.12	.00	.00	.00	.66	.00
14	.05	.00	.04	1.62	.00	.00	.00	.01	.00
15	.00	.00	.00	.85	---	.00	.00	.00	.00
16	.00	.00	.00	.00	2.00	.00	.00	.00	.00
17	.00	.00	.00	.00	.16	.00	.00	.00	.00
18	.00	.00	.00	.00	.59	.00	.00	.00	.00
19	.00	.00	.00	.36	.00	.00	.00	.72	1.67
20	.07	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.59	.00	.00	.00	.23	.08	.00	.00
22	.87	.00	.30	.00	.00	.00	.00	.00	.48
23	.10	.00	.31	.12	.00	.00	.10	.00	.00
24	.00	.00	.00	.00	.00	.00	.23	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.28
26	.00	.00	.00	.00	.00	.00	.00	.00	.03
27	.00	.94	.00	.00	.70	.04	.00	.10	.00
28	.00	.20	.00	.71	.66	.01	.00	.01	.00
29	.00	.19	.00	.25	---	.00	.00	.00	.00
30	.00	.03	.00	.01	---	.00	1.11	.00	.00
31	.00	---	.24	.00	---	.00	---	.00	---
TOTAL	3.10	2.30	1.73	5.18	---	1.39	1.87	3.74	5.69

Table 10. Daily rainfall totals at CRN05 (Site 17), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.04	0.00	0.57	0.00	0.00	0.00	0.25	---	0.17
2	.00	.00	.00	.02	.00	1.19	.00	.00	.00	.00	---	.31
3	.00	.00	.00	.67	.00	.00	.00	.96	.00	.00	---	.29
4	.00	.00	.41	.33	.00	.00	.00	.02	.02	.52	---	.00
5	.00	.68	.32	.00	.13	.00	.01	.00	.12	.33	---	.00
6	.00	.00	.00	.00	.00	.00	.18	.00	.26	.00	---	.07
7	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	---	.00
8	.00	.00	.00	.32	.00	.00	.00	.39	.39	.05	---	.00
9	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	---	.00
10	.00	.00	.19	.00	.17	.34	.02	.00	.42	1.10	---	.00
11	.00	.00	.00	.00	.39	.00	.08	.00	.00	.99	---	.00
12	.00	.00	.00	.76	.20	.00	.00	.00	.00	.12	---	.00
13	.00	.00	.00	.00	.00	.00	.36	.00	.00	.03	---	.00
14	.00	.00	.65	.00	.00	.00	.00	.01	.00	.01	---	.00
15	.00	.04	.20	.00	.00	.00	.09	.29	.00	.23	---	.00
16	.00	.00	.00	.00	.00	.00	1.65	.00	.14	.01	---	.00
17	.00	.18	.00	.00	.00	.00	.00	.00	.05	.17	---	.00
18	.00	.00	.01	.48	.00	.00	.00	.00	.13	.06	---	.04
19	.00	.02	.01	.01	.00	.00	.00	.00	.01	.96	---	.00
20	.00	.01	.75	.01	.00	.00	.00	.00	.00	---	0.01	.00
21	.07	.00	.06	.02	.13	.00	.00	.00	.00	---	.05	.00
22	.07	.00	.00	.00	.00	.00	.00	.00	.00	---	.00	.00
23	.00	.00	.16	.00	1.31	.00	.03	.00	.00	---	.00	.00
24	.00	.00	.00	.00	.15	.04	.00	.00	.17	---	.00	.35
25	.00	.00	.00	.11	.00	.78	.00	.03	.06	---	.00	.01
26	.00	.00	.00	.09	.00	.00	.00	.01	.61	---	.00	.00
27	.00	1.62	.00	.14	.00	1.09	.09	.00	.75	---	.13	.00
28	.00	.00	.26	.77	.00	1.30	.00	.00	.90	---	.00	.00
29	.00	.00	.06	.00	---	.28	.00	.00	.00	---	.00	.00
30	1.71	.00	.01	.00	---	.00	.00	.00	.01	---	.00	.00
31	.14	---	.00	.00	---	.00	---	.00	---	---	.00	---
TOTAL	1.99	2.55	3.09	3.82	2.48	5.75	2.51	1.71	4.04	---	---	1.24

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.04	0.00	0.01	0.00	0.24	0.00	0.83	0.65
2	.00	.00	.00	.00	.00	.00	.00	.10	.62
3	.08	.00	.00	.00	.00	.06	.00	.00	.17
4	.00	.00	.54	.00	.05	.01	.00	.02	.00
5	.00	.00	.01	.00	.00	.03	.00	.00	.09
6	.00	.03	.00	.04	.00	.13	.00	.00	1.30
7	.00	.00	.00	.01	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.28	.00	.00	.00
9	.21	.00	.00	.00	.00	.00	.00	.00	.00
10	1.50	.37	.10	.00	.19	.00	.00	1.14	.00
11	.00	.00	.12	.06	.12	.00	.00	.00	.05
12	.00	.00	.00	.01	.00	.00	.16	.00	.56
13	.20	.00	.00	.09	.00	.00	.00	1.26	.00
14	.09	.00	.11	.78	.00	.00	.00	.01	.00
15	.00	.00	.00	.21	1.29	.00	.00	.00	.00
16	.00	.00	.02	.00	1.57	.00	.00	.00	.02
17	.00	.00	.00	.00	.13	.00	.00	.00	.00
18	.00	.00	.00	.00	.48	.00	.00	.00	.00
19	.03	.00	.00	.23	.00	.00	.00	.83	.66
20	.10	.00	.00	.01	.00	.00	.00	.00	.05
21	.01	.65	.00	.00	.00	.12	.04	.00	.07
22	.92	.00	.21	.00	.00	.00	.00	.00	.19
23	.32	.00	.18	.09	.00	.00	.13	.00	.00
24	.00	.00	.00	.00	.00	.00	.53	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.09
26	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.01	.97	.00	.00	.65	.12	.00	.01	.41
28	.00	.18	.00	.45	.28	.00	.00	.00	.64
29	.00	.14	.00	.13	---	.00	.00	.00	.20
30	.00	.02	.00	.02	---	.00	.36	.00	.01
31	.00	---	.16	.00	---	.00	---	.00	---
TOTAL	3.47	2.40	1.45	2.14	4.76	0.99	1.22	4.20	5.78

Table 11. Daily rainfall totals at CRN06 (Site 5), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	0.00	0.20	---	0.59	0.00	0.02	---	---	---	0.58
2	---	---	.00	.01	---	1.33	.00	.00	---	---	---	.12
3	---	---	.00	.63	---	.01	.00	1.12	---	---	---	.22
4	---	0.06	.53	.23	---	.00	.00	.01	---	---	---	.00
5	---	.69	.17	.00	---	.00	.00	.00	---	---	---	.00
6	---	.07	.00	.00	---	.00	.10	---	---	---	---	.02
7	---	.00	.00	---	---	.00	.00	---	---	---	---	.00
8	---	.00	.00	---	---	.00	.00	---	---	---	---	.00
9	---	.00	.00	---	---	.12	.00	---	---	---	---	.00
10	---	.00	.18	---	---	.47	.00	---	---	---	---	.00
11	---	.00	.00	---	---	.00	.00	---	---	---	---	.00
12	---	.00	.00	---	---	.00	.05	---	---	---	---	.00
13	---	.00	.00	---	0.01	.14	.15	---	---	---	---	.00
14	---	.00	.75	---	.00	.00	.00	---	---	---	---	.00
15	---	.13	.12	---	.00	.00	.24	---	---	---	---	.00
16	---	.00	.00	---	.00	.00	.30	---	---	---	2.04	.00
17	---	.10	.00	---	.00	.00	.00	---	---	---	.40	.00
18	---	.00	.01	---	.00	.00	.00	---	---	---	.06	.56
19	---	.04	.00	---	.00	.00	.00	---	---	---	1.25	.00
20	---	.00	.63	---	.00	.00	.00	---	---	---	.00	.00
21	---	.00	.00	---	.13	.10	.00	---	---	---	.22	.00
22	---	.00	.00	---	.02	.00	.00	---	---	---	.00	.00
23	---	.00	.37	---	1.15	.00	.00	---	---	---	.00	.00
24	---	.00	.00	---	.27	.06	.00	---	---	---	.00	1.31
25	---	.00	.00	---	.00	.54	.00	---	---	---	.00	.15
26	---	.00	.00	---	.00	.00	.00	---	---	---	.00	.00
27	---	2.98	.00	---	.00	.15	.16	---	---	---	.76	.00
28	---	.00	.16	---	.00	.88	.00	---	---	---	.00	.00
29	---	.00	.06	---	---	.27	.00	---	---	---	.00	.00
30	---	.00	.00	---	---	.00	.00	---	---	---	.00	.00
31	---	---	.00	---	---	.00	---	---	---	---	.00	---
TOTAL	---	---	2.98	---	---	4.66	1.00	---	---	---	---	2.96

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.07	0.00	0.02	0.00	0.30	0.00	0.48	0.23
2	.00	.00	.00	.00	.02	.00	.00	.15	.20
3	.27	.00	.00	.00	.00	.04	.00	.00	.05
4	.00	.00	.55	.00	.02	.01	.00	.00	.00
5	.00	.00	.01	.00	.00	.05	.00	.00	.14
6	.00	.04	.00	.88	.00	.20	.00	.00	.70
7	.00	.00	.00	.01	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.39	.00	.00	.00
9	.06	.00	.00	.00	.00	.00	.00	.00	.85
10	2.24	.50	.05	.00	.37	.00	.00	.03	.00
11	.00	.01	.11	.02	.18	.00	.00	.00	.00
12	.00	.00	.00	.02	.00	.00	.82	.00	.00
13	.53	.00	.08	.22	.00	.00	.01	.00	.00
14	.07	.00	.08	1.23	.00	.00	.00	.01	.00
15	.00	.00	.00	.34	1.10	.00	.00	.68	.00
16	.00	.00	.05	.00	1.26	.00	.00	.00	.00
17	.00	.00	.00	.00	.40	.00	.00	.00	.00
18	.00	.00	.00	.00	.66	.00	.00	.00	.00
19	.02	.00	.00	.24	.00	.00	.09	.57	1.93
20	.05	.00	.00	.00	.00	.00	.00	.00	.01
21	.00	.40	.00	.00	.00	.15	.06	.00	.00
22	.17	.00	.37	.00	.00	.00	.00	.00	.35
23	.01	.00	.39	.18	.00	.00	.17	.00	.00
24	.00	.00	.00	.00	.00	.00	.11	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.40
26	.00	.00	.00	.00	.00	.00	.00	.00	.12
27	.00	.97	.00	.00	.50	.01	.00	.22	.00
28	.00	.17	.00	.62	.56	.00	.00	.00	.36
29	.00	.35	.00	.25	---	.00	.00	.00	.29
30	.00	.03	.00	.00	---	.00	.00	.00	.00
31	.02	---	.18	.00	---	.00	---	.00	---
TOTAL	3.44	2.54	1.87	4.03	5.07	1.15	1.26	2.14	5.63

Table 12. Daily rainfall totals at CRN07 (Site 18), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.16	0.00	0.53	0.00	0.06	0.00	0.00	0.00	1.31
2	---	.00	.00	.00	.00	1.21	.00	.00	.00	.00	.00	.05
3	---	.00	.00	.58	.00	.01	.00	1.27	.00	.00	.23	.29
4	---	.06	.42	.28	.00	.00	.00	.10	.00	.00	.00	.00
5	---	.75	.18	.00	.27	.00	.00	.00	1.20	.00	.67	.00
6	---	.12	.00	.00	.00	.00	.08	.00	.89	.00	.00	.06
7	---	.00	.00	.02	.00	.00	.00	.00	.07	.12	.00	.00
8	---	.00	.00	.21	.00	.00	.01	.48	.03	.00	.00	.00
9	---	.00	.00	.00	.07	.13	.00	.00	.00	.00	.00	.00
10	---	.00	.20	.02	.25	.44	.00	.00	.12	.00	.00	.00
11	---	.00	.00	.00	.28	.00	.00	.00	.00	.63	.05	.00
12	---	.00	.00	.12	.24	.00	.02	.00	.00	.02	.00	.00
13	---	.00	.00	.00	.00	.06	.15	.00	.00	.00	.02	.00
14	---	.01	.83	.00	.01	.02	.00	.00	.00	.00	.00	.00
15	---	.23	.18	.00	.00	.00	.29	.00	.00	.08	2.56	.00
16	---	.00	.00	.00	.00	.00	.67	.00	.00	.00	1.12	.00
17	---	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
18	---	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.68
19	---	.00	.00	.00	.00	.00	.00	.00	.00	1.24	---	.00
20	---	.00	.74	.00	.00	.00	.00	.00	.00	.50	.00	.00
21	---	.00	.01	.00	.11	.10	.00	.00	.00	.28	.62	.00
22	---	.00	.00	.30	.00	.00	.00	.00	---	.01	.00	.00
23	---	.00	.39	.00	1.08	.00	.00	.00	---	.01	.00	.00
24	---	.00	.00	.00	.33	.03	.00	.00	---	.00	.00	.16
25	---	.00	.00	.13	.00	.57	.00	.00	---	.00	.00	.62
26	0.00	.00	.00	.15	.00	.00	.00	.02	---	.13	.00	.00
27	.00	1.97	.00	.09	.00	.15	.11	.00	---	.58	2.45	.00
28	.00	.00	.14	.81	.00	.93	.01	.00	---	.70	.00	.00
29	.00	.00	.07	.00	---	.31	.00	.00	.25	.04	.00	.00
30	1.54	.00	.00	.03	---	.00	.00	.00	.00	.00	.00	.00
31	.31	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	---	3.14	3.16	2.90	2.64	4.49	1.34	1.93	---	4.34	---	3.17

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.29	0.00	0.02	0.00	0.28	0.00	0.65	0.77
2	.00	.00	.00	.01	.01	.00	.00	.17	.28
3	.28	.00	.00	.00	.00	.02	.00	.00	.05
4	.00	.00	.42	.00	.02	.01	.00	.00	.00
5	.00	.00	.02	.00	.00	.04	.00	.00	.22
6	.00	.00	.02	.95	.00	.19	.00	.00	.96
7	.00	.00	.00	.01	.00	.00	.00	.00	.08
8	.00	.00	.00	.00	.00	.54	.00	.00	.00
9	.03	.00	.00	.00	.00	.00	.00	.00	.50
10	1.84	.81	.01	.00	.39	.00	.00	.07	.00
11	.00	.00	.16	.00	.22	.00	.00	.00	.00
12	.00	.00	.00	.02	.01	.00	1.39	.00	1.17
13	.66	.00	.00	.26	.00	.00	.00	.11	.00
14	.18	.00	.01	.97	.00	.00	.00	.09	.00
15	.00	.00	.01	.36	1.08	.00	.00	.06	.04
16	.00	.00	.01	.00	1.15	.00	.00	.00	.01
17	.00	.00	.02	.00	.28	.00	.00	.00	.00
18	.00	.00	.00	.00	.72	.00	.00	.00	.02
19	.00	.00	.00	.35	.00	.00	.01	.57	1.29
20	.03	.00	.00	.00	.00	.00	.00	.01	.00
21	.00	.60	.00	.00	.00	.14	.08	.00	.00
22	.03	.00	.44	.00	.00	.00	.00	.00	.17
23	.01	.00	.56	.12	.00	.00	.15	.00	.00
24	.00	.00	.01	.05	.00	.00	.24	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.69
26	.00	.00	.00	.00	.00	.00	.00	.00	.17
27	.00	1.01	.00	.00	.20	.02	.00	1.23	.00
28	.00	.27	.00	.65	.81	.00	.00	.00	.04
29	.00	.38	.00	.21	---	.00	.00	.00	.07
30	.00	.03	.00	.01	---	.00	.00	.00	.00
31	.00	---	.24	.01	---	.00	---	.00	---
TOTAL	3.06	3.39	1.93	4.00	4.89	1.24	1.87	2.96	6.53

Table 13. Daily rainfall total at CRN08 (Site 19), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.21	0.00	0.65	0.00	0.02	0.00	0.00	0.00	1.89
2	.00	.00	.00	.00	.00	1.32	.00	.00	.00	.00	.00	.05
3	.00	.00	.00	.68	.00	.01	.00	1.19	.00	.00	.00	.31
4	.00	.03	.31	.34	.01	.00	.00	.03	.00	.00	.00	.00
5	.00	.79	.59	.00	.24	.00	.03	.01	1.27	.00	.79	.00
6	.00	.05	.00	.00	.00	.00	.09	.00	.31	.00	.00	.01
7	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.20	.00	.00	.00	.54	.24	.00	.00	.00
9	.00	.00	.00	.00	.02	.04	.00	.00	.00	.00	.00	.00
10	.00	.00	.16	.00	.31	.41	.00	.00	.74	.00	.00	.00
11	.00	.00	.00	.02	.42	.00	.00	.00	.00	.84	.08	.00
12	.00	.00	.00	.67	.21	.00	.08	.00	.00	.03	.00	.00
13	.00	.00	.00	.01	.00	.28	.21	.00	.00	.00	.32	.00
14	.00	.00	.77	.00	.00	.02	.00	.00	.00	.00	.00	.00
15	.00	.08	.12	.00	.00	.00	.38	.03	.17	.43	2.51	.00
16	.01	.00	.00	.00	.00	.00	.36	.00	.00	.00	1.92	.00
17	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.34	.00
18	.00	.00	.00	.03	.00	.00	.00	.00	.02	.02	.29	.57
19	.00	.01	.00	.00	.00	.00	.00	.00	.00	.24	1.04	.00
20	.00	.01	.63	.00	.00	.00	.00	.00	.00	.74	.00	.00
21	.15	.00	.05	.00	.10	.07	.00	.00	.00	.05	.59	.00
22	.24	.00	.00	.41	.01	.01	.00	.00	.17	.00	.00	.00
23	.01	.00	.34	.00	1.24	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.25	.01	.00	.00	.04	.00	.00	.63
25	.00	.00	.00	.10	.00	.59	.00	.00	.00	.00	.00	.52
26	.00	.00	.00	.19	.00	.00	.00	.00	.43	.11	.00	.00
27	.00	2.39	.00	.08	.00	.12	.02	.01	1.03	.40	1.49	.00
28	.00	.00	.16	.93	.00	.79	.00	.00	1.63	.40	.01	.00
29	.02	.00	.10	.00	---	.32	.01	.00	.32	.96	.00	.00
30	1.67	.00	.00	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.38	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	2.48	3.39	3.23	3.91	2.81	4.64	1.18	1.83	6.37	4.22	9.38	3.98

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.21	0.00	0.02	0.00	0.28	0.00	0.63	0.78
2	.00	.00	.00	.00	.00	.00	.00	.18	.05
3	.29	.00	.00	.00	.00	.02	.00	.00	.04
4	.00	.00	.43	.00	.01	.02	.00	.00	.00
5	.00	.00	.02	.00	.00	.03	.00	.00	.17
6	.00	.00	.00	.96	.00	.22	.00	.00	.90
7	.00	.00	.00	.01	.00	.01	.00	.00	.00
8	.00	.00	.00	.00	.00	.86	.00	.00	.00
9	.02	.00	.00	.00	.00	.00	.00	.00	1.44
10	2.10	.65	.01	.00	.38	.00	.00	.04	.00
11	.00	.01	.13	.00	.18	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	1.17	.00	.62
13	.63	.00	.02	.27	.00	.00	.00	.00	.01
14	.11	.00	.05	1.12	.00	.00	.00	.01	.00
15	.00	.00	.01	.36	.99	.00	.00	.30	.07
16	.00	.00	.02	.00	1.12	.00	.00	.00	.00
17	.00	.00	.00	.00	.31	.00	.00	.00	.00
18	.00	.00	.01	.00	.68	.00	.00	.00	.00
19	.00	.00	.00	.28	.00	.00	.04	.46	1.42
20	.02	.00	.00	.00	.00	.00	.00	.00	.02
21	.00	.50	.00	.00	.01	.17	.06	.00	.00
22	.00	.00	.49	.00	.00	.00	.00	.00	.34
23	.01	.00	.54	.12	.00	.00	.16	.00	.00
24	.00	.00	.00	.04	.00	.00	.32	.00	.00
25	.00	.00	.01	.00	.00	.00	.01	.00	.46
26	.00	.00	.00	.00	.00	.00	.00	.00	.78
27	.00	1.01	.00	.00	.36	.00	.00	1.35	.00
28	.00	.21	.00	.54	.62	.00	.00	.00	.22
29	.00	.40	.00	.15	---	.00	.00	.00	.41
30	.00	.04	.00	.01	---	.00	.00	.00	.00
31	.01	---	.19	.00	---	.00	---	.00	---
TOTAL	3.19	3.03	1.93	3.99	4.66	1.61	1.76	2.97	7.73

Table 14. Daily rainfall totals at CRN09 (Site 20), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.19	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.20
2	.00	.00	.00	.00	.00	1.21	.00	.00	.00	.00	.00	.19
3	.00	.00	.00	.51	.00	.00	.00	.91	.00	.00	.00	.27
4	.00	.02	.33	.32	.00	.00	.00	.07	.00	.04	.00	.00
5	.00	.68	.43	.00	.18	.00	.00	.00	.54	.00	.08	.00
6	.00	.00	.00	.00	.00	.00	.17	.00	.32	.00	.00	.05
7	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.25	.00	.00	.00	.33	.62	.00	.00	.00
9	.00	.00	.00	.00	.00	.13	.00	.00	.00	.00	.00	.00
10	.00	.00	.24	.00	.18	.39	.01	.00	.26	.00	.00	.00
11	.00	.00	.00	.06	.30	.00	.00	.00	.00	.36	.01	.00
12	.01	.00	.00	.71	.31	.00	.00	.00	.00	.02	.00	.00
13	.00	.00	.00	.00	.01	.03	.21	.00	.00	.03	.24	.00
14	.00	.00	.67	.01	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.11	.20	.00	.00	.00	.37	.14	.00	.32	1.82	.00
16	.01	.00	.00	.00	.00	.00	.77	.00	.00	.00	2.07	.00
17	.01	.06	.00	.00	.00	.00	.00	.00	.02	.00	.50	.00
18	.00	.00	.01	.00	.00	.00	.00	.00	.12	1.87	.30	.13
19	.00	.07	.00	.00	.00	.00	.00	.00	.00	.39	.29	.00
20	.00	.00	.69	.00	.00	.00	.00	.00	.00	.24	.00	.00
21	.07	.00	.05	.00	.10	.03	.00	.00	.00	.16	.44	.00
22	.12	.00	.00	.00	.00	.00	.07	.00	.00	.09	.00	.00
23	.00	.00	.23	.00	.88	.00	.01	.00	.00	.01	.00	.00
24	.00	.00	.00	.00	.11	.03	.00	.00	.12	.00	.00	.52
25	.00	.00	.00	.16	.00	.34	.00	.00	.06	.00	.00	.76
26	.00	.00	.00	.10	.00	.00	.00	.15	.35	.00	.00	.00
27	.00	2.14	.00	.07	.00	.65	.03	.00	.75	.66	.01	.00
28	.00	.00	.17	.76	.00	1.21	.00	.00	.94	.22	.00	.00
29	.03	.00	.04	.00	---	.37	.00	.00	.23	1.30	.00	.00
30	1.38	.00	.00	.03	---	.00	.00	.00	.01	.00	.00	.00
31	.23	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	1.86	3.08	3.06	3.22	2.07	5.00	1.64	1.60	4.34	5.71	5.76	2.12

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.06	0.00	0.02	0.00	0.25	0.00	1.27	0.62
2	.00	.00	.00	.00	.00	.00	.00	.21	.28
3	.07	.00	.00	.00	.00	.05	.00	.00	.04
4	.00	.00	.50	.00	.12	.01	.00	.00	.00
5	.00	.00	.01	.00	.00	.04	.00	.00	.10
6	.00	.03	.00	1.01	.00	.18	.00	.00	1.14
7	.00	.00	.00	.01	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.73	.00	.00	.00
9	.22	.00	.00	.00	.00	.00	.00	.08	.00
10	1.61	.26	.08	.00	.31	.00	.00	.43	.16
11	.00	.01	.10	.04	.12	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	.23	.00	.43
13	.39	.00	.07	.23	.00	.00	.00	1.38	.00
14	.19	.00	.07	1.01	.00	.00	.00	.00	.00
15	.00	.00	.00	.41	.96	.00	.00	.00	.00
16	.00	.00	.02	.00	1.78	.00	.00	.00	.00
17	.00	.00	.00	.00	.20	.00	.00	.00	.00
18	.00	.00	.00	.00	.57	.00	.00	.00	.00
19	.04	.00	.00	.27	.00	.00	.00	.52	.82
20	.17	.00	.00	.00	.00	.00	.00	.00	.02
21	.00	.44	.00	.00	.01	.30	.09	.00	.14
22	.90	.00	.28	.00	.00	.00	.00	.00	.00
23	.06	.00	.26	.14	.00	.00	.12	.02	.00
24	.00	.00	.00	.00	.00	.00	.13	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.62
26	.00	.02	.00	.00	.00	.00	.00	.00	.01
27	.00	.93	.00	.00	.54	.13	.00	.16	.01
28	.00	.11	.00	.62	.77	.00	.00	.01	.93
29	.00	.15	.00	.21	---	.00	.00	.00	.04
30	.00	.01	.00	.02	---	.00	.52	.00	.00
31	.03	---	.18	.00	---	.00	---	.00	---
TOTAL	3.68	2.02	1.57	4.00	5.38	1.69	1.09	4.08	5.36

Table 15. Daily rainfall totals at CRN10 (Site 3), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.01	0.00	0.21	0.00	0.67	0.00	0.02	0.00	---	0.00	0.48
2	.00	.00	.00	.00	.00	1.36	.00	.00	.00	---	.00	.27
3	.00	.00	.00	.68	.00	.01	.00	1.10	.00	---	.05	.15
4	.00	.06	.23	.27	.00	.00	.00	.05	.00	---	.02	.00
5	.00	.57	.45	.00	.21	.00	.00	.00	.55	---	.33	.00
6	.00	.02	.00	.00	.00	.00	.12	.00	.15	.00	.00	.01
7	.00	.00	.00	.09	.00	.00	.00	.00	.00	.09	.00	.00
8	.00	.00	.00	.17	.01	.00	.00	.48	.36	.00	.00	.00
9	.00	.00	.00	.00	.03	.12	.00	.00	.00	.00	.00	.00
10	.00	.00	.19	.00	.31	.45	.01	.00	.38	.00	.00	.00
11	.00	.00	.00	.05	.49	.01	.01	.00	.00	.56	.03	.00
12	.00	.00	.00	.76	.25	.00	.03	.00	.00	.12	.00	.00
13	.00	.00	.00	.00	.00	.09	.16	.00	.00	.00	.62	.00
14	.00	.00	.70	.03	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.02	.16	.00	.00	.00	.24	.11	.00	.15	2.77	.00
16	.05	.00	.00	.00	.00	.00	.29	.00	.00	.00	1.85	.00
17	.01	.10	.00	.43	.00	.00	.00	.00	.00	.00	.33	.00
18	.00	.00	.02	.01	.00	.00	.00	.00	.65	.00	1.94	.24
19	.00	.07	.00	.00	.00	.00	.00	.00	.00	1.88	.81	.00
20	.00	.00	.60	.00	.00	.00	.00	.00	.00	1.09	.01	.00
21	.19	.00	.06	.00	.11	.09	.00	.00	.00	.06	.84	.00
22	.18	.00	.00	.00	.02	.00	.03	.00	.22	.00	.00	.00
23	.01	.00	.30	.00	1.32	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.24	.05	.00	.00	.03	.00	.00	.31
25	.00	.00	.00	.10	.00	.47	.00	.04	.02	.00	.00	.65
26	.00	.00	.00	.21	.00	.00	.00	.09	.20	.01	.00	.01
27	.00	1.92	.00	.11	.00	.20	.05	.00	1.11	.11	.58	.00
28	.00	.00	.16	.75	.00	.85	.00	.00	---	.38	.01	.01
29	.03	.00	.09	.00	---	.34	.00	.00	---	.56	.00	.01
30	1.61	.00	.00	.03	---	.00	.00	.00	---	.00	.00	.01
31	.33	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	2.41	2.77	2.96	3.90	2.99	4.71	0.94	1.89	---	---	10.19	2.15

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.10	0.00	0.01	0.00	0.29	0.00	1.38	0.66
2	.00	.00	---	.01	.01	.00	.00	.43	.23
3	.10	.00	---	.00	.00	.05	.00	.00	.03
4	.01	.00	---	.00	.00	.01	.00	.00	.00
5	.00	.00	---	.00	.00	.06	.00	.00	.43
6	.00	.03	---	.79	.00	.17	.00	.00	1.09
7	.00	.00	---	.01	.00	.00	.00	.00	.01
8	.00	.01	.00	.00	.00	.72	.00	.00	.00
9	.08	.00	.00	.00	.00	.00	.00	.00	1.00
10	1.81	.61	.06	.00	.39	.00	.00	.15	.02
11	.01	.01	.21	.02	.16	.00	.00	.00	.00
12	.00	.00	.00	.02	.00	.00	1.17	.00	.30
13	.62	.00	.11	.23	.00	.00	.00	.93	.00
14	.21	.00	.02	1.03	.00	.00	.00	.01	.00
15	.00	.00	.00	.41	1.08	.00	.00	.00	.11
16	.00	.00	.04	.00	1.46	.00	.00	.00	.01
17	.01	.00	.00	.01	.45	.00	.00	.00	.00
18	.01	.00	.00	.00	.60	.00	.00	.00	.00
19	.04	.00	.00	.26	.00	.00	.00	1.37	.94
20	.22	.00	.00	.00	.00	.00	.00	.00	.01
21	.01	.47	.00	.00	.00	.23	.06	.00	.00
22	.59	.00	.41	.00	.00	.00	.00	.00	.02
23	.01	.01	.49	.19	.00	.00	.17	.00	.00
24	.00	.00	.00	.00	.00	.00	.17	.00	.00
25	.01	.00	.00	.00	.00	.00	.01	.00	.79
26	.01	.01	.00	.00	.00	.00	.00	.13	.05
27	.01	1.21	.00	.00	.35	.05	.00	.11	.00
28	.00	.16	.00	.62	.58	.00	.00	.00	.20
29	.00	.37	.00	.18	---	.00	.00	.00	.40
30	.00	.00	.00	.00	---	.00	.20	.00	.00
31	.01	---	.29	.00	---	.00	---	.00	---
TOTAL	3.77	2.99	---	3.79	5.08	1.58	1.78	4.51	6.30

Table 16. Daily rainfall totals at CRN11 (Site 21), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.07	0.00	0.56	0.00	0.00	0.00	0.03	0.00	0.16
2	.00	.00	.00	.00	.00	1.12	.00	.00	.00	.04	.00	.28
3	.00	.00	.00	.60	.00	.00	.00	.83	.00	.00	.00	.18
4	.00	.04	.37	.32	.00	.00	.00	.07	.00	.11	.01	.00
5	.00	.84	.54	.00	.17	.00	.01	.00	.07	.39	.00	.00
6	.00	.00	.00	.00	.00	.00	.16	.00	.26	.07	.00	.00
7	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.23	.00	.00	.00	.28	.62	.00	.00	.00
9	.00	.00	.00	.00	.00	.18	.00	.00	.00	.00	.00	.00
10	.00	.00	.23	.00	.19	.28	.03	.00	.25	.00	.01	.00
11	.00	.00	.00	.05	.65	.00	.03	.00	.00	.89	.03	.00
12	.00	.00	.00	.72	.11	.00	.01	.00	.00	.07	.00	.00
13	.00	.00	.00	.00	.00	.04	.31	.00	.00	.01	.08	.00
14	.00	.00	.70	.01	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.11	.17	.00	.00	.00	.81	.24	.00	.02	1.34	.00
16	.01	.00	.00	.00	.00	.00	.91	.00	.09	.00	1.76	.00
17	.01	.17	.00	.15	.00	.00	.00	.00	.03	.00	.66	.00
18	.00	.00	.03	.01	.00	.00	.00	.00	.45	.04	.04	.09
19	.00	.06	.00	.00	.00	.00	.00	.00	.00	1.94	.70	.00
20	.00	.00	.71	.00	.00	.00	.00	.00	.00	.30	.01	.00
21	.12	.00	.05	.00	.13	.02	.00	.00	.00	.18	.18	.00
22	.15	.00	.00	.00	.02	.00	.06	.00	.00	.02	.00	.00
23	.00	.00	.23	.00	1.47	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.15	.07	.00	.00	.00	.00	.00	1.04
25	.00	.00	.00	.13	.00	.47	.00	.00	.18	.00	.00	.03
26	.00	.00	.00	.08	.00	.00	.00	.17	.66	.00	.00	.00
27	.00	1.80	.00	.09	.00	.58	.10	.00	.72	.16	.12	.00
28	.00	.00	.19	.67	.00	---	.00	.00	.69	.14	.00	.00
29	.04	.00	.04	.00	---	---	.00	.00	.34	.78	.00	.00
30	1.49	.00	.01	.03	---	.00	.00	.00	.00	.00	.00	.00
31	.24	---	.00	.00	---	.00	---	.00	---	.11	.00	---
TOTAL	2.06	3.02	3.27	3.21	2.89	---	2.43	1.59	4.36	5.30	4.94	1.78

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.04	0.00	0.00	0.00	0.20	0.00	1.64	0.39
2	.00	.00	.00	.00	.00	.00	.00	.13	.81
3	.07	.00	.00	.00	.00	.06	.00	.00	.08
4	.00	.00	.43	.00	.10	.01	.00	.00	.00
5	.00	.00	.01	.00	.00	.04	.00	.00	.09
6	.00	.04	.00	1.01	.00	.19	.00	.00	.99
7	.00	.00	.00	.01	.00	.00	.00	.00	.00
8	.07	.00	.00	.00	.00	.59	.00	.00	.00
9	.27	.00	.00	.00	.00	.00	.00	.04	.00
10	1.66	.28	.08	.00	.27	.00	.00	.35	.00
11	.00	.02	.07	.05	.10	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	.30	.00	.38
13	.29	.00	.05	.16	.00	.00	.00	.86	.00
14	.10	.00	.13	1.25	.00	.00	.00	.00	.00
15	.00	.00	.00	.39	1.00	.00	.00	.00	.08
16	.00	.00	.02	.00	1.70	.00	.00	.00	.00
17	.00	.00	.00	.00	.21	.00	.00	.00	.00
18	.00	.00	.00	.00	.44	.00	.00	.00	.00
19	.03	.00	.00	.35	.00	.00	.00	.58	.80
20	.36	.00	.00	.00	.00	.00	.00	.00	.02
21	.00	.53	.00	.00	.01	.22	.10	.00	.19
22	.74	.00	.29	.00	.00	.00	.00	.00	.37
23	.14	.00	.30	.10	.00	.00	.13	.00	.00
24	.00	.00	.00	.00	.00	.00	.22	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.24
26	.00	.01	.00	.00	.00	.00	.00	.00	.01
27	.00	.94	.00	.00	.60	.11	.00	.03	.00
28	.00	.16	.00	.67	.63	.00	.00	.00	.34
29	.00	.17	.00	.23	---	.00	.00	.00	.29
30	.00	.02	.00	.01	---	.00	.39	.00	.00
31	.01	---	.24	.00	---	.00	---	.00	---
TOTAL	3.74	2.21	1.62	4.24	5.06	1.42	1.14	3.63	5.08

Table 17. Daily rainfall totals at CRN12 (Site 22), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.25	0.00	0.56	0.00	0.03	0.00	0.00	0.00	0.17
2	.00	.00	.00	.00	.00	1.19	.00	.00	.00	.00	.00	.14
3	.00	.00	.00	.72	.00	.00	.00	1.12	.00	.00	.00	.17
4	.00	.07	.36	.31	.00	.00	.00	.03	.00	.05	.02	.00
5	.00	.69	.39	.00	.23	.00	.00	.00	.84	.01	.02	.00
6	.00	.01	.00	.00	.00	.00	.16	.00	.28	.00	.00	.03
7	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.18	.02	.00	.00	.54	.57	.00	.00	.00
9	.00	.00	.00	.00	.00	.14	.00	.00	.00	.00	.00	.00
10	.00	.00	.21	.00	.27	.53	.01	.00	.55	.00	.00	.00
11	.00	.00	.00	.10	.10	.00	.03	.00	.00	.33	.03	.00
12	.00	.00	.00	.92	.52	.00	.05	.00	.00	.08	.00	.00
13	.00	.00	.00	.00	.05	.05	.15	.00	.00	.01	.01	.00
14	.00	.00	.79	.01	.00	.00	.00	.02	.00	.00	.00	.00
15	.00	.03	.16	.00	.00	.00	.46	.15	.00	.07	4.20	.00
16	.03	.00	.00	.00	.00	.00	.58	.00	.00	.00	2.12	.00
17	.01	.09	.00	.13	.00	.00	.00	.00	.00	.00	.38	.00
18	.00	.00	.01	.01	.00	.00	.00	.00	1.11	.00	.22	.29
19	.00	.08	.00	.00	.00	.00	.00	.00	.00	.82	1.11	.00
20	.00	.00	.69	.00	.00	.00	.00	.00	.00	.47	.01	.00
21	.14	.00	.04	.00	.16	.15	.00	.00	.00	.12	1.30	.00
22	.20	.00	.02	.00	.03	.00	.00	.00	.18	.01	.00	.00
23	.00	.00	.28	.00	1.29	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.22	.08	.00	.00	.06	.00	.00	1.04
25	.00	.00	.00	.12	.00	.42	.00	.00	.00	.00	.00	.10
26	.00	.00	.00	.24	.00	.00	.00	.25	.44	.00	.14	.00
27	.00	3.08	.00	.08	.00	.20	.00	.00	.91	.44	.54	.00
28	.00	.00	.15	.98	.00	1.06	.00	.00	1.02	.27	.00	.00
29	.04	.00	.06	.00	---	.38	.00	.00	.71	1.29	.00	.00
30	1.60	.00	.00	.03	---	.00	.00	.00	.00	.00	.00	.00
31	.44	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	2.46	4.05	3.16	4.18	2.89	4.76	1.44	2.14	6.67	3.97	10.10	1.94

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.04	0.00	0.02	0.00	0.26	0.00	1.47	0.45
2	.00	.00	.00	.00	.01	.00	.00	.18	.48
3	.09	.00	.00	.00	.00	.07	.00	.00	.06
4	.00	.00	.59	.00	.08	.02	.00	.00	.00
5	.00	.00	.01	.00	.00	.08	.00	.00	.48
6	.00	.02	.00	1.10	.00	.17	.00	.00	1.00
7	.00	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.49	.00	.00	.00
9	.20	.00	.00	.00	.00	.00	.00	.02	2.39
10	1.95	.32	.09	.00	.37	.00	.00	.27	.07
11	.00	.00	.21	.04	.15	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	.26	.00	.86
13	.42	.00	.05	.23	.00	.00	.00	.44	.00
14	.11	.00	.08	1.46	.00	.00	.00	.01	.00
15	.00	.00	.00	.41	.97	.00	.00	.00	.07
16	.00	.00	.04	.00	1.46	.00	.00	.00	.01
17	.00	.00	.01	.00	.28	.00	.00	.00	.00
18	.00	.00	.00	.00	.58	.00	.00	.00	.00
19	.04	.00	.00	.34	.00	.00	.00	1.62	1.25
20	.08	.00	.00	.00	.00	.00	.00	.00	.01
21	.00	.55	.00	.00	.00	.33	.11	.00	.00
22	.60	.00	.34	.00	.00	.00	.00	.00	.19
23	.02	.00	.38	.17	.00	.00	.18	.00	.00
24	.00	.00	.00	.01	.00	.00	.41	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.35
26	.00	.01	.00	.00	.00	.00	.00	.00	.03
27	.00	.98	.00	.00	.55	.07	.00	.50	.00
28	.00	.14	.00	.65	.73	.00	.00	.01	1.23
29	.00	.28	.00	.19	---	.00	.00	.00	1.04
30	.00	.02	.00	.01	---	.00	.28	.00	.00
31	.02	---	.20	.00	---	.00	---	.00	---
TOTAL	3.53	2.36	2.00	4.64	5.18	1.49	1.24	4.52	9.97

Table 18. Daily rainfall totals at CRN13 (Site 23), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.16	0.00	0.55	0.00	0.01	0.00	0.05	0.00	0.19
2	.00	.00	.00	.00	.00	1.11	.00	.00	.00	.00	.00	.14
3	.00	.00	.00	.66	.00	.00	.00	.96	.00	.00	.00	.15
4	.00	.07	.36	.30	.00	.00	.00	.02	.00	.00	.01	.00
5	.00	.67	.23	.00	.19	.00	.00	.00	.25	.00	.03	.00
6	.00	.00	.00	.00	.00	.00	.16	.00	.28	.00	.00	.05
7	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.14	.00	.00	.00	.54	.33	.00	.00	.00
9	.00	.00	.00	.00	.02	.18	.00	.00	.00	.00	.00	.00
10	.00	.00	.17	.00	.22	.37	.01	.00	.23	.00	.00	.00
11	.00	.00	.00	.09	.57	.00	.03	.00	.00	.22	.08	.00
12	.00	.00	.00	.69	.08	.00	.01	.00	.00	.05	.01	.00
13	.00	.00	.00	.00	.00	.07	.19	.00	.00	.55	.00	.00
14	.00	.00	.64	.01	.00	.00	.00	.01	.00	.00	.00	.00
15	.00	.03	.15	.00	.00	.00	.46	.07	.00	.19	3.77	.00
16	.02	.00	.00	.00	.00	.00	.44	.00	.00	.00	1.83	.00
17	.01	.07	.00	.50	.00	.00	.00	.00	.00	.00	.54	.00
18	.00	.00	.02	.00	.00	.00	.00	.00	1.78	.02	.00	.23
19	.00	.07	.00	.00	.00	.00	.00	.00	.00	2.56	.81	.00
20	.00	.01	.63	.00	.00	.00	.00	.00	.00	.33	.00	.00
21	.03	.00	.02	.00	.14	.04	.00	.00	.00	.08	1.02	.00
22	.14	.00	.00	.00	.02	.00	.00	.00	.00	.01	.00	.00
23	.00	.00	.21	.00	1.16	.00	.00	.00	.00	.05	.00	.00
24	.00	.00	.00	.00	.15	.06	.00	.00	.00	.00	.00	1.54
25	.00	.00	.00	.09	.00	.31	.00	.00	.01	.00	.00	.09
26	.00	.00	.00	.15	.00	.00	.00	.08	.35	.00	.09	.00
27	.00	2.04	.00	.05	.00	.22	.11	.00	.79	.72	.41	.00
28	.00	.00	.12	.71	.00	.85	.00	.00	.57	.23	.00	.00
29	.04	.00	.04	.00	---	.31	.00	.00	.49	.62	.00	.00
30	1.52	.00	.00	.03	---	.00	.00	.00	.00	.00	.00	.00
31	.29	---	.00	.00	---	.00	---	.00	---	.11	.00	---
TOTAL	2.05	2.96	2.59	3.62	2.55	4.07	1.41	1.69	5.08	5.79	8.60	2.39

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.03	0.00	0.00	0.00	0.20	0.00	1.65	0.17
2	.00	.00	.00	.00	.00	.00	.00	.14	.67
3	.08	.00	.00	.00	.00	.09	.00	.00	.07
4	.00	.00	.34	.00	.06	.01	.00	.00	.00
5	.00	.00	.00	.00	.00	.07	.00	.00	.21
6	.00	.03	.00	.97	.00	.15	.00	.00	1.10
7	.00	.00	.00	.00	.01	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.50	.00	.00	.00
9	.11	.00	.00	.00	.00	.00	.00	.05	.33
10	1.41	.23	.00	.00	.34	.00	.00	.04	.01
11	.00	.00	.00	.03	.12	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	.28	.00	.37
13	.36	.00	.02	.19	.00	.00	.00	.58	.00
14	.05	.00	.10	1.06	.00	.00	.00	.01	.00
15	.00	.00	.00	.29	.90	.00	.00	.00	.09
16	.00	.01	.04	.00	1.47	.00	.00	.00	.00
17	.00	.00	.00	.00	.15	.00	.00	.00	.00
18	.00	.00	.00	.00	.52	.00	.00	.00	.00
19	.03	.00	.00	.60	.00	.00	.00	.80	1.04
20	.05	.00	.00	.00	.00	.00	.00	.00	.00
21	.00	.39	.00	.00	.01	.22	.08	.00	.03
22	.75	.00	.32	.00	.00	.00	.00	.00	.22
23	.03	.00	.34	.13	.00	.00	.16	.00	.00
24	.00	.00	.00	.00	.00	.00	.24	.00	.00
25	.00	.00	.00	.01	.00	.00	.00	.00	.00
26	.00	.00	.00	.00	.00	.00	.00	.00	.01
27	.00	.57	.00	.00	.50	.06	.00	.08	.00
28	.00	.13	.00	.66	.74	.00	.00	.01	.03
29	.00	.00	.00	.28	---	.00	.00	.00	.22
30	.00	.00	.00	.00	---	.00	.43	.00	.01
31	.03	---	.20	.00	---	.00	---	.00	---
TOTAL	2.90	1.39	1.36	4.23	4.82	1.30	1.19	3.36	4.58

Table 19. Daily rainfall totals at CRN14 (Site 24), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.05	0.00	0.66	0.00	0.00	0.00	0.26	0.00	0.17
2	.00	.00	.00	.00	.00	1.11	.00	.00	.01	.05	.00	.24
3	.00	.00	.00	.53	.00	.00	.00	.81	.00	.00	.00	.21
4	.00	.04	.55	.23	.00	.00	.00	.02	.05	.00	.00	.00
5	.00	.80	.38	.00	.15	.00	.01	.00	.07	.09	.03	.00
6	.00	.01	.00	.00	.00	.00	.17	.00	.28	.00	.00	.02
7	.00	.00	.00	.08	.00	.00	.00	.00	.00	.21	.00	.00
8	.00	.00	.00	.23	.00	.00	.00	.31	---	.13	.00	.00
9	.00	.00	.00	.00	.00	.16	.00	.00	---	.00	.00	.00
10	.00	.00	.23	.00	.19	.28	.05	.00	---	.43	.00	.00
11	.00	.00	.00	.02	.10	.00	.15	.00	---	.69	.00	.00
12	.01	.00	.00	.76	.35	.00	.00	.00	---	.08	.08	.00
13	.00	.00	.00	.00	.01	.00	.30	.00	---	.02	.05	.00
14	.00	.00	.61	.00	.00	.00	.00	.00	---	.01	.02	.00
15	.00	.08	.17	.00	.00	.00	.06	.18	---	.52	1.12	.00
16	.00	.02	.00	.00	.00	.00	1.29	.00	---	.00	1.73	.00
17	.01	.22	.00	.00	.00	.00	.00	.00	---	.13	.68	.00
18	.00	.00	.05	.03	.00	.00	.00	.00	---	.02	.00	.00
19	.00	.04	.00	.00	.00	.00	.00	.00	---	.28	.88	.00
20	.00	.00	.73	.00	.00	.00	.00	.00	---	.09	.00	.00
21	.16	.00	.06	.00	.12	.01	.00	.00	---	.24	.06	.00
22	.11	.00	.00	.00	.00	.00	.09	.00	---	.02	.00	.00
23	.00	.00	.19	.00	1.30	.00	.01	.00	---	.00	.00	.00
24	.00	.00	.00	.00	.14	.06	.00	.00	.20	.00	.00	.00
25	.00	.00	.00	.15	.00	.88	.00	.08	.02	.00	.00	.00
26	.00	.00	.00	.09	.00	.00	.00	.03	.64	.03	.00	.00
27	.00	1.42	.00	.10	.00	.97	.19	.01	.77	.11	.79	.00
28	.00	.01	.24	.70	.00	1.01	.00	.00	.59	.11	.01	.00
29	.03	.00	.05	.00	---	.25	.00	.00	.02	.15	.00	.00
30	1.48	.00	.00	.01	---	.00	.00	.00	.00	.00	.01	.00
31	.24	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	2.04	2.64	3.26	2.98	2.36	5.39	2.32	1.44	---	3.67	5.46	0.64

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.03	0.00	0.02	0.00	0.23	0.00	1.16	0.55
2	.00	.00	.00	.00	.01	.00	.00	.08	.40
3	.11	.00	.00	.00	.00	.07	.00	.00	.24
4	.00	.00	.65	.00	.06	.02	.00	.02	.00
5	.00	.00	.00	.00	.00	.03	.00	.00	.09
6	.00	.03	.00	.02	.00	.13	.00	.00	1.32
7	.00	.00	.00	.02	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.93	.00	.00	.00
9	.15	.00	.00	.00	.00	.00	.00	.00	.02
10	1.85	.31	.09	.00	.27	.00	.00	1.06	.00
11	.00	.00	.09	.07	.12	.00	.00	.00	.06
12	.00	.00	.00	.00	.00	.00	.37	.00	.82
13	.29	.00	.01	.14	.00	.00	.00	1.14	.00
14	.06	.00	.03	1.05	.00	.00	.00	.00	.00
15	.00	.00	.00	.55	1.17	.00	.00	.00	.14
16	.00	.00	.02	.00	1.53	.00	.00	.00	.00
17	.00	.00	.00	.00	.20	.00	.00	.00	.00
18	.00	.00	.00	.00	.47	.00	.00	.00	.00
19	.02	.00	.00	.18	.00	.00	.00	.77	.81
20	.19	.00	.00	.00	.00	.00	.00	.00	.03
21	.01	.56	.00	.00	.00	.36	.08	.00	.07
22	.71	.00	.22	.00	.00	.00	.00	.00	.97
23	.48	.00	.19	.11	.00	.00	.17	.00	.00
24	.00	.00	.00	.00	.00	.00	.65	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.05
26	.00	.01	.00	.00	.00	.00	.00	.00	.02
27	.00	.82	.00	.00	1.01	.12	.00	.01	.35
28	.00	.13	.00	.52	.39	.00	.00	.04	.13
29	.00	.17	.00	.19	---	.00	.00	.00	.00
30	.00	.00	.00	.01	---	.00	1.04	.00	.00
31	.01	---	.24	.00	---	.00	---	.00	---
TOTAL	3.88	2.06	1.54	2.88	5.23	1.89	2.31	4.28	6.07

Table 20. Daily rainfall totals at CRN15 (Site 25), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.13	0.00	0.50	0.00	0.00	0.00	0.01	0.00	0.33
2	.00	.00	.00	.00	.00	1.19	.00	.00	.00	.00	.00	.19
3	.00	.00	.00	.56	.00	.00	.00	.83	.00	.00	.00	.22
4	.00	.04	.42	.27	.00	.00	.00	.05	.00	.00	.00	.00
5	.00	.77	.57	.00	.17	.00	.00	.00	.05	.12	.00	.00
6	.00	.00	.00	.00	.00	.00	.14	.00	.28	.00	.00	.00
7	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.21	.00	.00	.00	.39	.66	.00	.00	.00
9	.00	.00	.00	.00	.00	.18	.00	.00	.00	.00	.00	.07
10	.00	.00	.24	.00	.15	.39	.02	.00	.25	.00	.00	.00
11	.00	.00	.00	.04	.14	.00	.01	.00	.00	.21	.09	.00
12	.00	.00	.00	.69	.37	.00	.00	.00	.00	.06	.00	.00
13	.00	.00	.00	.00	.00	.03	.36	.00	.00	.18	.00	.00
14	.00	.00	.72	.01	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.09	.15	.00	.00	.00	.33	.15	.00	.00	1.59	.00
16	.01	.00	.00	.00	.00	.00	.69	.00	.03	.00	1.71	.00
17	.00	.05	.00	.04	.00	.00	.00	.00	.00	.00	.43	.00
18	.00	.00	.01	.00	.00	.00	.00	.00	.25	.01	.11	.09
19	.00	.06	.00	.00	.00	.00	.00	.00	.00	1.23	.52	.00
20	.00	.00	.67	.00	.00	.00	.00	.00	.00	.24	.00	.00
21	.12	.00	.04	.00	.14	.02	.00	.00	.00	.20	.49	.00
22	.09	.00	.00	.00	.00	.00	.04	.00	.00	.01	.00	.00
23	.00	.00	.16	.00	1.37	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.12	.04	.00	.00	.04	.00	.00	.95
25	.00	.00	.00	.12	.00	.42	.00	.01	.13	.00	.00	.24
26	.00	.00	.00	.08	.00	.00	.00	.20	.46	.00	.01	.00
27	.00	2.84	.00	.08	.00	.51	.05	.00	.65	.53	.03	.00
28	.00	.00	.18	.74	.00	1.00	.00	.00	.65	.14	.00	.00
29	.04	.00	.03	.00	---	.44	.00	.00	.44	.00	.00	.00
30	1.44	.00	.00	.05	---	.00	.00	.00	.01	.00	.00	.00
31	.18	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	1.88	3.85	3.19	3.09	2.46	4.72	1.64	1.63	3.90	2.94	4.98	2.09

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.04	0.00	0.00	0.00	0.08	0.00	1.44	0.28
2	.00	.00	.00	.00	.00	.00	.00	.17	.92
3	.07	.00	.00	.00	.00	.05	.00	.00	.07
4	.00	.00	.40	.00	.10	.01	.00	.00	.00
5	.00	.00	.00	.00	.00	.04	.00	.00	.09
6	.00	.05	.00	.21	.00	.12	.00	.00	1.14
7	.00	.00	.00	.00	.01	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.72	.00	.00	.00
9	.13	.00	.00	.00	.00	.00	.00	.03	.00
10	1.50	.26	.09	.00	.26	.06	.00	.09	.00
11	.00	.00	.08	.02	.08	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.28	.00	.33
13	.27	.00	.05	.16	.00	.00	.00	1.20	.00
14	.06	.00	.07	.78	.00	.00	.00	.00	.00
15	.00	.00	.00	.46	.74	---	.00	.00	.00
16	.00	.00	.02	.00	1.63	---	.00	.00	.00
17	.00	.00	.00	.00	.14	---	.00	.00	.00
18	.00	.00	.01	.00	.46	---	.00	.00	.00
19	.02	.00	.00	.54	.00	---	.00	.53	.70
20	.29	.00	.00	.00	.00	---	.00	.00	.11
21	.00	.47	.00	.00	.01	---	.09	.00	.02
22	.70	.00	.23	.00	.00	.00	.00	.00	.12
23	.04	.00	.26	.11	.00	.00	.13	.00	.00
24	.00	.00	.00	.00	.00	.00	.19	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.01
26	.00	.01	.00	.00	.00	.00	.00	.00	.00
27	.00	.74	.00	.00	.48	.11	.00	.12	.02
28	.00	.13	.00	.56	.50	.00	.00	.04	.14
29	.00	.14	.00	.17	---	.00	.00	.00	.11
30	.00	.01	.00	.02	---	.00	.35	.00	.00
31	.01	---	.18	.00	---	.00	---	.00	---
TOTAL	3.09	1.85	1.39	3.03	4.41	---	1.04	3.62	4.06

Table 21. Daily rainfall totals at CRN16 (Site 26), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.22	---	---	---	0.00	0.00	0.00	0.00	0.11
2	.00	.00	.00	.00	---	---	---	.00	.00	.00	.02	.27
3	.00	.00	.00	.51	---	---	---	1.14	.00	.00	.00	.31
4	.00	.01	.30	.40	---	---	---	.08	.00	.02	.00	.00
5	.00	.71	.44	.00	---	---	0.04	.00	.83	.00	.12	.00
6	.00	.01	.00	.00	---	---	.17	.00	.34	.00	.00	.01
7	.00	.00	.00	.04	---	---	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.33	---	---	.00	.50	.58	.00	.00	.00
9	.00	.00	.00	.00	---	---	.00	.00	.00	.00	.00	.00
10	.00	.00	.23	.00	---	---	.00	.00	.42	.06	.00	.00
11	.00	.00	.00	.09	---	---	.01	.00	.00	.54	.08	.00
12	.00	.00	.00	.80	---	---	.00	.00	.00	.02	.00	.00
13	.00	.00	.00	.00	---	---	.29	.00	.00	.04	.00	.00
14	.00	.00	.83	.00	---	---	.00	.00	.00	.00	.00	.00
15	.00	.15	.21	.00	---	---	.36	.12	.00	.49	1.57	.00
16	.00	.04	.01	.00	---	---	.86	.01	.07	.00	2.06	.00
17	.00	.09	.00	---	---	---	.00	.00	.02	.00	.00	.00
18	.00	.00	.01	---	---	---	.00	.00	.00	1.37	.00	.12
19	.00	.06	.00	---	---	---	.00	.00	.00	.48	.24	.00
20	.00	.00	.71	---	---	---	.00	.00	.00	.44	.00	.00
21	.07	.00	.08	---	---	---	.00	.00	.00	.12	.34	.00
22	.14	.00	.00	---	---	---	.02	.00	.00	.13	.00	.00
23	.00	.00	.30	---	---	---	.04	.00	.00	.14	.00	.00
24	.00	.00	.00	---	---	---	.00	.00	.15	.00	.01	.25
25	.00	.00	.00	---	---	---	.00	.00	.06	.01	.00	.72
26	.00	.00	.00	---	---	---	.00	.12	.37	.02	.00	.01
27	.00	2.28	.00	---	---	---	.13	.00	.77	.38	.04	.00
28	.00	.01	.21	---	---	---	.00	.00	1.34	.36	.00	.00
29	.01	.00	.06	---	---	---	.00	.00	.41	1.34	.00	.00
30	1.67	.00	.00	---	---	---	.00	.00	.02	.00	.00	.00
31	.31	---	.00	---	---	---	---	.00	---	.00	.01	---
TOTAL	2.20	3.36	3.39	---	---	---	---	1.97	5.38	5.96	4.49	1.80

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	---	---	0.01	0.01	0.28	0.00	1.31	0.79
2	.00	---	---	.01	.00	.00	.00	.26	.22
3	.05	---	---	.00	.00	.00	.00	.00	.06
4	.00	---	---	.00	.10	.02	.00	.00	.00
5	---	---	---	.00	.00	.02	.00	.00	.06
6	---	---	---	1.05	.00	.18	.00	.00	1.53
7	---	---	---	.02	.01	.00	.00	.00	.00
8	---	---	---	.00	.00	.82	.00	.00	.00
9	---	---	---	.01	.00	.00	.00	.05	.00
10	---	---	---	.00	.31	.00	.00	1.12	.48
11	---	---	---	.04	.11	.00	.00	.00	.01
12	---	---	---	.02	.01	.00	.11	.00	.31
13	---	---	---	.17	.00	.00	.00	.66	.00
14	---	---	---	.96	.00	.00	.00	.00	.00
15	---	---	---	.63	.91	.00	.00	.00	.00
16	---	---	---	.00	1.92	.00	.00	.00	.03
17	---	---	---	.00	.27	.00	.00	.00	.01
18	---	---	---	.00	.61	.00	.00	.00	.00
19	---	---	---	.39	.00	.00	.00	.74	.96
20	---	---	---	.01	.00	.00	.00	.00	.01
21	---	---	---	.00	.03	.32	.09	.00	.00
22	---	---	0.23	.00	.00	.00	.00	.00	.00
23	---	---	.23	.03	.00	.00	.11	.00	.00
24	---	---	.00	.10	.00	.00	.14	.00	.00
25	---	---	.00	.01	.00	.00	.00	.00	1.54
26	---	---	.00	.00	.00	.00	.00	.00	.01
27	---	---	.00	.00	.43	.10	.00	.06	.02
28	---	---	.00	.65	.91	.00	.00	.02	.18
29	---	---	.00	.26	---	.00	.00	.00	.01
30	---	---	.00	.03	---	.00	.67	.00	.00
31	---	---	.22	.00	---	.00	---	.00	---
TOTAL	---	---	---	4.40	5.63	1.74	1.12	4.22	6.23

Table 22. Daily rainfall totals CRN17 (Site 27), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.23	0.00	0.54	0.00	0.03	0.00	0.00	0.00	0.33
2	.00	.00	.00	.00	.00	1.18	.00	.00	.00	.00	.00	.15
3	.00	.00	.00	.53	.00	.00	.00	1.03	.00	.00	.00	.16
4	.00	.06	.58	.26	.00	.00	.00	.09	.00	.00	.00	.00
5	.00	.65	.22	.00	.23	.00	.00	.00	.50	.00	.01	.00
6	.00	.02	.00	.00	.00	.00	.12	.00	.20	.00	.00	.02
7	.00	.00	.00	.15	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.17	.00	.00	.00	.51	.30	.00	.00	.00
9	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00
10	.00	.00	.17	.00	.30	.47	.01	.00	.21	.16	.00	.00
11	.00	.00	.00	.05	.35	.00	.01	.00	.00	.24	.00	.00
12	.00	.00	.00	.70	.29	.00	.00	.00	.00	.05	.00	.00
13	.00	.00	.00	.00	.00	.03	.22	.00	.00	.00	.15	.00
14	.00	.00	.74	.00	.00	.00	.00	.00	.00	.00	.00	.00
15	.00	.00	.17	.01	.00	.01	.24	.19	.00	.02	3.29	.00
16	.03	.00	.01	.00	.00	.00	.35	.00	.00	.00	1.72	.00
17	.01	.04	.00	.00	.00	.00	.00	.00	.01	.04	.04	.00
18	.00	.00	.00	.32	.00	.00	.00	.00	.54	.01	.01	.18
19	.00	.04	.00	.00	.00	.00	.00	.00	.00	1.71	.10	.00
20	.00	.00	.68	.00	.00	.00	.00	.00	.00	.79	.01	.00
21	.11	.00	.01	.01	.08	.02	.00	.00	.00	.09	1.05	.00
22	.15	.00	.00	.13	.00	.00	.01	.00	.00	.00	.00	.00
23	.00	.00	.27	.00	1.34	.00	.00	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.22	.02	.00	.00	.02	.00	.00	.21
25	.00	.00	.00	.11	.00	.38	.00	.00	.00	.00	.00	.65
26	.00	.00	.01	.15	.00	.00	.00	.08	.33	.00	.02	.00
27	.00	2.04	.00	.12	.00	.19	.00	.00	.91	.06	1.03	.00
28	.00	.00	.14	.83	.00	.98	.00	.00	1.80	.26	.00	.00
29	.00	.00	.05	.00	---	.34	.00	.00	.48	.87	.00	.00
30	1.55	.00	.02	.00	---	.00	.00	.00	.00	.00	.00	.00
31	.25	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	2.10	2.85	3.07	3.77	2.81	4.26	0.96	1.93	5.30	4.30	7.43	1.70

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.11	0.00	0.02	0.00	0.25	0.00	1.62	0.73
2	.00	.00	.00	.00	.00	.00	.00	.34	.20
3	.04	.00	.00	.00	.00	.04	.00	.00	.04
4	.00	.00	.50	.00	.06	.02	.00	.00	.00
5	.00	.00	.02	.00	.00	.07	.00	.00	.17
6	.00	.01	.01	1.08	.00	.22	.00	.00	.87
7	.00	.00	.00	.02	.00	.00	.00	.00	.01
8	.00	.00	.00	.00	.00	.96	.00	.00	.00
9	.03	.00	.00	.00	.02	.00	.00	.00	.01
10	1.74	.33	.05	.00	.31	.00	.00	.12	.00
11	.02	.01	.22	.01	.16	.00	.00	.00	.00
12	.00	.00	.00	.02	.00	.00	1.14	.00	.69
13	.49	.00	.09	.26	.00	.00	.01	1.02	.00
14	.21	.00	.07	1.34	.00	.00	.00	.00	.00
15	.00	.00	.00	.43	1.04	.00	.00	.00	.00
16	.00	.00	.02	.00	1.63	.00	.00	.00	.00
17	.00	.00	.02	.00	.25	.00	.00	.00	.00
18	.00	.00	.00	.00	.59	.00	.00	.00	.00
19	.00	.00	.00	.40	.00	.00	.00	1.08	.81
20	.29	.00	.00	.00	.00	.00	.00	.00	.04
21	.02	.43	.00	.00	.00	.30	.07	.00	.00
22	1.12	.00	.36	.00	.00	.00	.00	.00	.00
23	.01	.00	.40	.13	.00	.00	.14	.00	.00
24	.00	.00	.00	.00	.00	.00	.37	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	1.17
26	.00	.00	.00	.00	.00	.00	.00	.03	.19
27	.00	1.00	.00	.00	.33	.08	.00	.19	.00
28	.00	.12	.00	.74	.67	.00	.00	.00	.22
29	.00	.27	.00	.20	---	.00	.00	.00	.15
30	.00	.02	.00	.02	---	.00	.56	.00	.00
31	.00	---	.23	.00	---	.00	---	.00	---
TOTAL	3.97	2.30	1.99	4.67	5.06	1.94	2.29	4.40	5.30

Table 23. Daily rainfall totals at CRN18 (Site 6), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.06	0.00	0.81	0.00	0.00	0.00	0.27	0.11	0.09
2	.00	.00	.00	.00	.00	1.12	.00	.00	.00	.71	.13	.25
3	.00	.00	.00	.65	.00	.00	.00	1.07	.00	.01	.00	.34
4	.00	.04	.53	.28	.00	.00	.00	.06	.05	.10	.01	.00
5	.00	.59	.32	.00	.14	.00	.00	.00	.50	.00	.40	.00
6	.00	.08	.00	.00	.00	.00	.23	.00	.28	.00	.00	.08
7	.00	.00	.00	.24	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.01	.00	.16	.00	.00	.00	.16	.32	.00	.00	.00
9	.00	.00	.00	.00	.01	.19	.00	.00	.00	.00	.00	.00
10	.02	.00	.26	.00	.25	.30	.05	.00	.33	.64	.00	.00
11	.02	.00	.00	.00	.10	.00	.30	.00	.00	.41	.00	.00
12	.01	.00	.00	.76	.27	.00	.00	.00	.00	.03	.08	.00
13	.00	.00	.00	.00	.01	.00	.48	.00	.00	.06	.32	.00
14	.00	.00	.69	.00	.00	.00	.00	.01	.00	.11	.03	.00
15	.00	.19	.19	.00	.00	.00	.14	.24	.00	.00	.94	.00
16	.00	.00	.00	.00	.00	.00	.79	.00	.75	.00	1.48	.00
17	.01	.22	.00	.43	.00	.00	.00	.00	.04	.06	.74	.01
18	.00	.00	.08	.04	.00	.00	.00	.00	.02	.71	.00	.07
19	.00	.03	.00	.00	.00	.00	.00	.00	.00	.69	1.17	.00
20	.00	.00	.78	.00	.00	.00	.00	.00	.00	.62	.00	.00
21	.28	.00	.09	.00	.17	.00	.00	.00	.00	.08	.13	.00
22	.12	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00
23	.01	.00	.20	.00	1.34	.00	.01	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.14	.07	.00	.00	.13	.00	.00	.27
25	.00	.00	.01	.15	.00	.64	.00	.06	.14	.00	.00	.01
26	.00	.00	.00	.15	.00	.01	.00	.04	.83	1.24	.00	.00
27	.00	1.54	.00	.14	.00	1.23	.08	.00	1.07	.08	.30	.00
28	.00	.00	.40	.65	.00	1.02	.01	.00	.00	.05	.00	.00
29	.04	.00	.07	.00	---	.30	.00	.00	.00	.83	.00	.00
30	1.44	.00	.00	.04	---	.00	.00	.00	.00	.00	.00	.00
31	.24	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	2.19	2.70	3.62	3.75	2.43	5.69	2.10	1.64	4.46	6.70	5.84	1.12

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.04	0.00	0.00	0.00	0.31	0.00	0.99	0.51
2	.00	.00	.00	.01	.03	.00	.00	.05	.39
3	.20	.00	.00	.00	.00	.12	.00	.00	.26
4	.00	.00	.72	.00	.02	.03	.00	.02	.00
5	.00	.00	.01	.00	.00	.04	.00	.00	.13
6	.00	.07	.00	1.30	.00	.20	.00	.00	1.65
7	.00	.00	.00	.02	.01	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.97	.00	.00	.00
9	.47	.00	.00	.00	.00	.00	.00	.00	.00
10	1.32	.37	.15	.00	.30	.00	.00	1.16	.00
11	.00	.00	.08	.08	.10	.00	.00	.00	.01
12	.00	.01	.00	.01	.00	.00	.26	.00	.49
13	.29	.00	.01	.18	.00	.00	.00	1.71	.00
14	.13	.00	.09	1.33	.00	.00	.00	.00	.00
15	.00	.00	.00	.44	1.28	.00	.00	.00	.00
16	.00	.00	.03	.01	1.93	.00	.00	.00	.00
17	.00	.00	.00	.00	.15	.00	.00	.00	.00
18	.00	.00	.00	.00	.49	.00	.00	.00	.00
19	.03	.00	.00	.24	.00	.00	.00	.77	.85
20	.03	.00	.00	.00	.00	.00	.00	.00	.05
21	.00	.69	.00	.00	.01	.26	.10	.00	.15
22	.53	.00	.19	.00	.00	.00	.00	.00	.24
23	.61	.00	.16	.12	.00	.00	.19	.00	.00
24	.00	.00	.00	.00	.00	.00	.26	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.26
26	.01	.01	.00	.00	.00	.00	.00	.00	.02
27	.00	.94	.00	.00	1.10	.15	.00	.04	.30
28	.00	.12	.00	.53	.65	.00	.00	.02	1.23
29	.00	.13	.00	.14	---	.00	.00	.00	.04
30	.00	.01	.00	.03	---	.00	.42	.00	.01
31	.07	---	.39	.01	---	.00	---	.00	---
TOTAL	3.69	2.39	1.83	4.45	6.07	2.08	1.23	4.76	6.59

Table 24. Daily rainfall totals at CRN19 (Site 28), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	---	0.00	0.57	0.00	0.01	0.00	---	---	0.26
2	.00	.00	.00	---	.00	1.20	.00	.00	.00	---	---	.06
3	.00	.00	.00	---	.00	.00	.00	1.08	.00	---	---	.27
4	.00	.05	.49	---	.00	.00	.00	.04	.00	---	---	.00
5	.00	.74	.24	---	.21	.00	.03	.00	.05	---	---	.00
6	.00	.00	.00	---	.00	.00	.17	.00	.26	---	---	.02
7	.00	.00	.00	---	.00	.00	.00	.00	.00	---	---	.00
8	.00	.00	.00	---	.00	.00	.00	.52	.76	---	---	.00
9	.00	.00	.00	---	.00	.14	.00	.00	.00	---	---	.00
10	.00	.00	.16	---	.25	.38	.02	.00	.20	---	---	.00
11	.00	.00	.00	---	.34	.00	.02	.00	.00	---	---	.00
12	.00	.00	.00	---	.21	.00	.01	.00	.00	---	---	.00
13	.00	.00	.00	---	.00	.01	.20	.00	.01	---	---	.00
14	.00	.00	.77	---	.00	.00	.00	.00	.00	---	---	.00
15	.00	.05	.15	---	.00	.00	.49	.07	.00	---	---	.00
16	.00	.00	.01	---	.00	.00	.74	.00	.00	---	---	.00
17	.00	.27	.00	---	.00	.00	.00	.00	.00	---	---	.00
18	.00	.00	.00	---	.00	.00	.00	.00	1.46	---	---	.13
19	.00	.06	.00	0.00	.00	.00	.00	.00	.00	---	---	.00
20	.00	.00	.72	.00	.00	.00	.00	.00	.00	---	0.00	.00
21	.02	.00	.04	.00	.12	.01	.00	.00	.00	---	.82	.00
22	.12	.00	.00	.00	.01	.00	.01	.00	.00	---	.00	.00
23	.00	.00	.19	.00	1.44	.00	.00	.00	.00	---	.00	.00
24	.00	.00	.00	.00	.17	.04	.00	.00	.02	---	.00	1.39
25	.00	.00	.00	.08	.00	.35	.00	.00	---	---	.00	.18
26	.00	.00	.01	.12	.00	.00	.00	.12	---	---	.48	.00
27	.00	3.33	.00	.09	.00	.33	.09	.01	---	---	.08	.00
28	.00	.01	.08	.86	.00	1.17	.00	.00	---	---	.00	.00
29	.00	.00	.01	.00	---	.45	.00	.00	---	---	.00	.00
30	1.62	.00	.01	.00	---	.00	.00	.00	---	---	.00	.00
31	.25	---	.00	.00	---	.00	---	.00	---	---	.00	---
TOTAL	2.01	4.51	2.88	---	2.75	4.65	1.78	1.85	---	---	---	2.31

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.04	0.00	0.02	0.00	0.22	0.00	1.89	0.28
2	.00	.00	.00	.00	.00	.00	.00	.25	1.05
3	.07	.00	.00	.00	.00	.06	.00	.00	.07
4	.00	.00	.52	.00	.09	.02	.00	.00	.00
5	.00	.00	.01	.00	.00	.05	.00	.00	.10
6	.00	.00	.00	1.28	.00	.19	.00	.00	1.20
7	.00	.01	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.62	.00	.00	.00
9	.10	.00	.00	.00	.00	.00	.00	.08	.00
10	1.78	.28	.08	.00	.35	.00	.00	.02	.28
11	.00	.00	.13	.02	.13	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	.34	.00	.36
13	.38	.00	.05	.19	.00	.00	.00	1.08	.00
14	.12	.00	.04	1.04	.00	.00	.00	.01	.00
15	.00	.00	.00	.47	1.20	.00	.00	.00	.00
16	.00	.00	.03	.00	1.74	.00	.00	.00	.00
17	.00	.00	.00	.00	.16	.00	.00	.00	.00
18	.00	.00	.00	.00	.56	.00	.00	.00	.00
19	.03	.00	.00	.53	.00	.00	.00	.53	1.07
20	.34	.00	.00	.00	.00	.00	.00	.00	.01
21	.01	.45	.00	.00	.01	.31	.09	.00	.02
22	1.24	.00	.27	.00	.00	.00	.00	.00	.14
23	.06	.00	.33	.12	.00	.00	.16	.00	.00
24	.00	.00	.00	.00	.00	.00	.24	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.04
26	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.93	.00	.00	.57	.07	.00	.08	.22
28	.00	.13	.00	.74	.85	.00	.00	.00	.01
29	.00	.19	.00	.23	---	.00	.00	.00	.32
30	.00	.02	.00	.01	---	.00	.82	.00	.01
31	.00	---	.18	.01	---	.00	---	.00	---
TOTAL	4.13	2.05	1.64	4.67	5.66	1.54	1.65	3.94	5.18

Table 25. Daily rainfall totals at CRN20 (Site 29), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.20	0.00	0.51	0.00	0.02	0.00	0.00	0.00	0.15
2	.00	.00	.00	.01	.00	1.20	.00	.00	.00	.00	.00	.06
3	.00	.00	.00	.58	.00	.01	.00	1.03	.00	.00	.00	.12
4	.00	.05	.44	.32	.00	.00	.00	.03	.00	.00	.00	.00
5	.00	.66	.20	.00	.21	.00	.00	.00	.45	.30	.08	.00
6	.00	.01	.00	.00	.00	.00	.14	.00	.41	.00	.00	.01
7	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.15	.00	.00	.00	.64	.36	.00	.00	.00
9	.00	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.00
10	.00	.00	.17	.00	.20	.49	.01	.00	.07	.00	.00	.00
11	.00	.00	.00	.07	.16	.00	.02	.00	.00	.19	.01	.00
12	.00	.00	.00	.86	.46	.00	.02	.00	.00	.02	.01	.00
13	.00	.00	.00	.00	.01	.04	.11	.00	.00	.04	.20	.00
14	.00	.00	.69	.00	.00	.01	.00	.00	.00	.00	.00	.00
15	.00	.01	.15	.00	.00	.00	.44	.38	.00	.03	2.97	.00
16	.02	.00	.00	.00	.00	.00	.68	.00	.14	.00	2.15	.00
17	.00	.04	.00	.07	.00	.00	.00	.00	.01	.00	.28	.01
18	.00	.00	.02	.00	.00	.00	.00	.00	.74	.00	1.92	.15
19	.00	.05	.00	.00	.00	.00	.00	.00	.00	.95	.55	.00
20	.00	.00	.65	.00	.00	.00	.00	.00	.00	.28	.00	.00
21	.09	.00	.02	.00	.10	.03	.00	.00	.00	.08	.87	.00
22	.14	.00	.00	.00	.01	.00	.01	.00	.00	.03	.00	.00
23	.00	.00	.27	.00	1.25	.00	.01	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.19	.03	.00	.00	.12	.00	.00	.41
25	.00	.00	.00	.09	.00	.20	.00	.00	.01	.00	.00	.40
26	.00	.00	.00	.13	.00	.01	.00	.16	.29	.00	.06	.02
27	.00	2.44	.00	.08	.00	.17	.06	.00	.85	.00	.09	.00
28	.00	.01	.12	.98	.00	.82	.00	.00	.77	.00	.00	.00
29	.03	.00	.05	.00	---	.33	.00	.00	.84	1.41	.00	.00
30	1.69	.00	.01	.03	---	.00	.00	.00	.01	.00	.00	.00
31	.22	---	.00	.00	---	.00	---	.00	---	.00	.00	---
TOTAL	2.19	3.27	2.79	3.67	2.59	3.96	1.50	2.26	5.07	3.33	9.19	1.33

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.04	0.00	0.02	0.00	0.24	0.00	1.56	0.38
2	.00	.00	.00	.00	.00	.00	.00	.12	.42
3	.07	.00	.00	.00	.00	.06	.00	.00	.04
4	.00	.00	.45	.00	.07	.01	.00	.00	.00
5	.00	.00	.01	.00	.00	.04	.00	.00	.11
6	.00	.02	.00	.97	.00	.17	.00	.00	.86
7	.00	.00	.00	.00	.00	.00	.00	.00	.01
8	.00	.00	.00	.00	.00	.57	.00	.00	.00
9	.07	.00	.00	.00	.00	.00	.00	.02	.17
10	1.90	.25	.06	.00	.29	.00	.00	.07	.24
11	.00	.00	.17	.03	.13	.00	.00	.00	.00
12	.00	.00	.00	.00	.00	.00	.20	.00	.52
13	.41	.00	.06	.31	.00	.00	.00	.75	.00
14	.16	.00	.02	.97	.00	.00	.00	.00	.00
15	.00	.00	.00	.35	.83	.00	.00	.00	.00
16	.00	.00	.03	.00	1.38	.00	.00	.00	.00
17	.00	.00	.00	.00	.18	.00	.00	.00	.00
18	.00	.00	.00	.00	.55	.00	.00	.00	.00
19	.02	.00	.00	.22	.00	.00	.00	.68	.80
20	.19	.00	.00	.00	.00	.00	.00	.00	.01
21	.00	.40	.00	.00	.01	.27	.08	.00	.11
22	.44	.00	.29	.00	.00	.00	.00	.00	.05
23	.03	.00	.30	.16	.00	.00	.13	.00	.00
24	.00	.00	.00	.00	.00	.00	.36	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.82
26	.00	.01	.00	.00	.00	.00	.00	.00	.02
27	.00	.92	.00	.00	.51	.06	.00	.16	.00
28	.00	.15	.00	.61	.65	.00	.00	.01	1.69
29	.00	.20	.00	.22	---	.00	.00	.00	.78
30	.00	.02	.00	.01	---	.00	.61	.00	.00
31	.01	---	.17	.00	---	.00	---	.00	---
TOTAL	3.30	2.01	1.56	3.87	4.60	1.42	1.38	3.37	7.03

Table 26. Daily rainfall totals at CRN21 (Site 30), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.02	0.00	0.04	0.00	---	---	0.01	0.00	0.06	---	0.21
2	.00	.00	.00	.02	.00	---	---	.00	.00	.01	---	.11
3	.00	.00	.00	.75	.00	---	---	1.15	.00	.00	---	.18
4	.00	.02	.48	.33	.01	---	---	.02	.00	.00	---	.00
5	.00	.66	.21	.00	.13	---	0.01	.00	.32	.02	---	.00
6	.00	.01	.00	.00	.02	---	.13	.00	.37	.00	---	.00
7	.00	.00	.00	.04	.00	---	.00	.00	.00	---	---	.01
8	.00	.00	.00	.15	.00	---	.00	.70	.56	---	---	.00
9	.00	.00	.00	.00	.02	---	.00	.00	.00	---	---	.00
10	.00	.00	.15	.00	.19	---	.00	.00	.26	---	---	.00
11	.00	.00	.02	.03	.22	---	.03	.00	.00	---	---	.00
12	.00	.00	.00	1.06	.13	---	.00	.00	.00	---	---	.00
13	.00	.00	.00	.00	.01	---	.29	.00	.00	---	---	.00
14	.00	.00	.62	.01	---	---	.00	.00	.00	---	---	.00
15	.00	.01	.14	.00	---	---	.48	.07	.00	---	---	.00
16	.00	.00	.01	.00	---	---	.72	.01	.00	---	---	.00
17	.00	.23	.00	.22	---	---	.00	.00	.00	---	0.51	.00
18	.00	.01	.01	.04	---	---	.00	.00	1.37	---	.07	.38
19	.00	.05	.00	.00	---	---	.00	.00	.00	---	1.70	.00
20	.00	.01	.73	.00	---	---	.00	.00	.00	---	.01	.00
21	.00	.00	.07	.00	---	---	.00	.00	.00	---	.58	.00
22	.09	.00	.00	.00	---	---	.00	.00	.00	---	.00	.00
23	.01	.00	.18	.00	---	---	.00	.00	.00	---	.00	.00
24	.00	.00	.00	.00	---	---	.00	.00	.00	---	.00	1.38
25	.00	.00	.00	.07	---	---	.00	.00	.06	---	.00	.00
26	.00	.00	.01	.18	---	---	.00	.06	.59	---	.01	.00
27	.00	1.80	.00	.10	---	---	.17	.01	.77	---	.00	.00
28	.00	.04	.12	.76	---	---	.00	.00	.84	---	.00	.00
29	.00	.00	.06	.00	---	---	.00	.00	.46	---	.00	.00
30	1.70	.00	.00	.02	---	---	.00	.00	.01	---	.00	.00
31	.35	---	.00	.00	---	---	---	.00	---	---	.00	---
TOTAL	2.15	2.86	2.81	3.82	---	---	---	2.03	5.61	---	---	2.27

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.00	0.00	0.01	0.00	0.20	0.00	1.38	0.42
2	.00	.00	.00	.00	.00	.00	.00	.20	.73
3	.06	.00	.00	.00	.00	.07	.00	.00	.12
4	.00	.00	.50	.00	.10	.02	.00	.00	.00
5	.00	.00	.02	.00	.00	.04	.00	.00	.25
6	.00	.00	.02	.99	.00	.16	.00	.00	1.39
7	.00	.00	.00	.01	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.64	.00	.00	.00
9	.09	.00	.00	.00	.00	.00	.00	.01	.05
10	1.75	.23	.02	.00	.26	.00	.00	.04	.00
11	.00	.00	.08	.01	.09	.00	.00	.00	.00
12	.00	.00	.00	.01	.00	.00	.30	.00	.27
13	.30	.00	.00	.06	.00	.00	.01	.00	.00
14	.06	.00	.04	1.26	.00	.00	.00	.01	.00
15	.00	.00	.00	.65	1.05	.00	.00	.01	.06
16	.00	.00	.01	.00	1.54	.00	.00	.00	.00
17	.00	.00	.01	.00	.15	.00	.00	.00	.00
18	.00	.00	.01	.00	.50	.00	.00	.00	.00
19	.00	.00	.00	.34	.01	.00	.00	1.18	1.73
20	.00	.00	.00	.00	.00	.00	.00	.00	.04
21	.00	.65	.00	.00	.00	.31	.08	.00	.00
22	1.03	.00	.19	.00	.00	.00	.01	.00	.73
23	.09	.00	.26	.10	.00	.00	.17	.00	.01
24	.00	.00	.00	.00	.00	.00	.20	.00	.00
25	.00	.00	.00	.00	.00	.00	.01	.00	.01
26	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.78	.00	.00	.58	.03	.00	.08	.00
28	.00	.14	.00	.68	.70	.00	.00	.01	.00
29	.00	.15	.00	.24	---	.00	.00	.00	.12
30	.00	.02	.00	.00	---	.00	.34	.00	.01
31	.00	---	.18	.00	---	.00	---	.00	---
TOTAL	3.38	1.97	1.34	4.36	4.98	1.47	1.12	2.92	5.94

Table 27. Daily rainfall totals at CRN22 (Site 31), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.12	---	---	---	0.01	---	---	0.01	0.30
2	.00	.00	.00	.00	---	---	---	.00	---	---	.00	.35
3	.00	.00	.00	.82	---	---	---	1.19	---	---	.01	.19
4	.00	.03	.50	.30	---	---	---	.03	---	---	.01	.00
5	.00	.60	.14	.00	---	---	0.01	.00	---	0.00	.16	.00
6	.00	.00	.00	.00	---	---	.16	.00	---	.00	.00	.02
7	.00	.00	.00	.10	---	---	.00	.00	---	.00	.00	.00
8	.00	.00	.00	.13	---	---	.00	.44	---	.00	.00	.00
9	.00	.00	.00	.00	---	---	.00	.00	---	.00	.00	.00
10	.00	.00	.20	.00	---	---	.00	.00	---	.00	.00	.00
11	.00	.00	.00	.06	---	---	.07	.00	---	1.14	.00	.00
12	.00	.00	.00	.94	---	---	.01	.00	---	.02	.00	.00
13	.00	.00	.00	.00	---	---	.29	.00	---	.35	.00	.00
14	.00	.00	.58	.00	---	---	.00	.00	---	.01	.01	.00
15	.00	.02	.12	.00	---	---	.67	.11	---	.15	6.26	.00
16	.00	.02	.00	.00	---	---	.57	.01	---	.00	.83	.00
17	.00	.11	.00	.40	---	---	.00	---	---	.04	.46	.00
18	.00	.00	.00	.05	---	---	.00	---	---	.07	1.38	.42
19	.00	.05	.00	.00	---	---	.00	---	---	.34	2.06	.00
20	.00	.00	.69	.00	---	---	.00	---	---	.39	.01	.00
21	.03	.00	.01	.00	---	---	.00	---	---	.12	.96	.00
22	.18	.00	.01	.00	---	---	.00	---	---	.02	.01	.00
23	.01	.00	.30	.00	---	---	.00	---	---	.00	.00	.00
24	.00	.00	.00	.00	---	---	.00	---	---	.00	.00	3.79
25	.00	.00	.00	.11	---	---	.00	---	---	.00	.00	.01
26	.00	.00	.00	.27	---	---	.00	---	---	.00	.00	.00
27	.00	1.74	.00	.11	---	---	.32	---	---	.33	.04	.00
28	.00	.01	.15	.72	---	---	.01	---	---	.35	.01	.00
29	.00	.00	.03	.00	---	---	.00	---	---	.10	.00	.00
30	1.73	.00	.00	.03	---	---	.00	---	---	.00	.00	.00
31	.34	---	.00	---	---	---	---	---	---	.02	.01	---
TOTAL	2.29	2.58	2.73	---	---	---	---	---	---	---	12.23	5.08

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.02	0.00	0.03	0.00	0.24	0.00	0.69	0.29
2	.00	.00	.00	.00	.00	.00	.00	.20	.59
3	.11	.00	.00	.00	.00	.04	.00	.00	.09
4	.01	.00	.54	.00	.06	.02	.00	.00	.00
5	.00	.00	.00	.00	.00	.08	.00	.00	.59
6	.00	.01	.00	1.12	.00	.17	.00	.00	1.30
7	.00	.01	.00	.00	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.72	.00	.00	.00
9	.30	.00	.00	.00	.00	.00	.00	.01	.11
10	1.74	.25	.08	.00	.27	.00	.00	.13	.00
11	.00	.00	.09	.04	.16	.00	.00	.00	.00
12	.00	.00	.00	.02	.00	.00	.30	.00	.42
13	.44	.01	.00	.09	.00	.00	.00	.00	.00
14	.02	.00	.02	2.02	.00	.00	.00	.01	.00
15	.00	.00	.00	.36	.92	.00	.00	.32	.00
16	.00	.00	.02	.00	1.46	.00	.00	.01	.00
17	.00	.00	.02	.00	.16	.00	.00	.00	.00
18	.00	.00	.00	.00	.49	.00	.00	.00	.00
19	.05	.00	.00	.33	.00	.00	.09	.75	2.21
20	.01	.00	.00	.01	.01	.00	.01	.00	.07
21	.01	.58	.00	.00	.01	.27	.11	.00	.13
22	.84	.00	.32	.00	.00	.00	.00	.00	.57
23	.09	.00	.33	.20	.00	.00	.15	.00	.00
24	.00	.00	.00	.00	.00	.00	.38	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.04
26	.00	.00	.00	.00	.00	.00	.00	.00	.00
27	.00	.86	.00	.00	.60	.01	.00	.03	.00
28	.00	.15	.00	.64	.67	.00	.00	.01	.00
29	.00	.23	.00	.19	---	.00	.00	.00	.25
30	.02	.03	.00	.00	---	.00	.03	.00	.01
31	.04	---	.21	.00	---	.00	---	.00	---
TOTAL	3.68	2.15	1.63	5.05	4.81	1.55	1.07	2.16	6.67

Table 28. Daily rainfall totals at CRN23 (Site 32), October 1993 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1993 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	---	---	0.22	---	---	0.00	0.02	0.00	0.00	0.01	0.12
2	.00	---	---	.01	---	---	.00	.00	.00	.00	.00	.12
3	.00	---	---	.56	---	---	.00	1.06	.00	.00	.00	.15
4	.00	---	---	.29	---	---	.00	.11	.00	.01	.00	.00
5	.00	---	---	.00	---	---	.01	.00	.46	.04	.01	.00
6	.00	---	0.00	.00	---	---	.11	.00	.20	.00	.00	.04
7	.00	---	.00	.15	---	---	.00	.00	.00	.00	.00	.00
8	.00	---	.00	.20	---	0.00	.00	.51	.68	.00	.00	.00
9	.00	---	.00	.00	---	.12	.00	.00	.00	.00	.00	.01
10	.00	---	.21	.00	---	.49	.04	.00	.44	.09	.00	.00
11	.00	---	.00	.00	---	.00	.00	.00	.00	.17	.00	.00
12	.00	---	.00	.83	---	.00	.00	.00	.00	.05	.00	.00
13	.00	---	.00	.00	---	.02	.19	.00	.00	.00	.33	.00
14	.00	---	.89	.01	---	.00	.00	.00	.00	.00	.00	.00
15	.00	---	.14	.04	---	.00	.22	.26	.00	.43	---	.00
16	.02	---	.01	.01	---	.00	.51	.00	.01	.00	---	.00
17	.01	---	.00	.00	---	.00	.00	.00	.01	.00	---	.01
18	.00	---	.03	.49	---	.00	.00	.00	.41	.29	---	.15
19	.00	---	.00	.00	---	.00	.00	.00	.00	.74	---	.00
20	.00	---	.71	.00	---	.00	.00	.00	.00	.63	---	.00
21	.17	---	.04	.00	---	.03	.00	.00	.00	.08	---	.00
22	.06	---	.00	---	---	.00	.03	.00	.00	.00	.00	.00
23	.01	---	.26	---	---	.00	.00	.00	.00	.01	.00	.00
24	.00	---	.00	---	---	.03	.00	.00	.00	.00	.00	.16
25	.00	---	.00	---	---	.29	.00	.00	.00	.00	.00	.43
26	---	---	.00	---	---	.00	.00	.09	.38	.00	.00	.01
27	---	---	.00	---	---	.21	.05	.00	.86	.04	.05	.00
28	---	---	.15	---	---	1.33	.00	.00	1.53	.41	.00	.00
29	---	---	.04	---	---	.36	.00	.00	.26	1.44	.00	.00
30	---	---	.00	---	---	.00	.00	.00	.02	.00	.00	.00
31	---	---	.00	---	---	.00	---	.00	---	.11	.00	---
TOTAL	---	---	---	---	---	---	1.16	2.05	5.26	4.54	---	1.20

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.09	0.00	0.01	0.00	0.26	0.00	1.19	0.45
2	.00	.00	.00	.00	.00	.00	.00	.34	.49
3	.07	.00	.00	.00	.00	.03	.00	.00	.06
4	.00	.00	.49	.00	.06	.01	.00	.00	.00
5	.00	.00	.02	.00	.00	.04	.00	.00	.07
6	.00	.01	.00	---	.00	.21	.00	.00	.85
7	.00	.00	.00	---	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.91	.00	.00	.00
9	.06	.00	.00	.00	.00	.00	.00	.02	.00
10	1.77	.27	.08	.00	.35	.00	.00	.19	.01
11	.00	.00	.24	.20	.12	.00	.00	.00	.00
12	.00	.00	.00	.03	.00	.00	1.01	.00	.52
13	.51	.00	.05	.18	.00	.00	.00	.75	.00
14	.19	.00	.01	.96	.00	.00	.00	.01	.00
15	.00	.00	.01	.62	1.03	.00	.00	.00	.00
16	.00	.00	.02	.00	1.63	.00	.00	.00	.00
17	.00	.00	.00	.00	.16	.00	.00	.00	.00
18	.00	.00	.00	.00	.57	.00	.00	.00	.00
19	.01	.00	.00	.32	.00	.00	.00	.56	.80
20	.06	.00	.00	.00	.00	.00	.00	.00	.01
21	.00	.43	.00	.00	.00	.31	.06	.00	.02
22	.78	.00	.21	.00	.00	.00	.00	.00	.00
23	.03	.00	.24	.07	.00	.00	.10	.00	.00
24	.00	.00	.00	.00	.00	.00	.57	.00	.00
25	.00	.01	.00	.00	.00	.00	.00	.00	2.33
26	.00	.00	.00	.00	.00	.00	.00	.00	.05
27	.00	.96	.00	.00	.34	.10	.00	.12	.02
28	.00	.13	.00	.67	.65	.00	.00	.01	.05
29	.00	.25	.00	.21	---	.00	.00	.00	.04
30	.00	.02	.00	.04	---	.00	.77	.00	.01
31	.00	---	.21	.00	---	.00	---	.00	---
TOTAL	3.48	2.17	1.58	---	4.91	1.87	2.51	3.19	5.78

Table 29. Daily rainfall totals at CRN24 (Site 34), May 1994 through June 1995

RAINFALL ACCUMULATED (INCHES), MAY 1994 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.01	---	---
2	---	.00	.00	---	---
3	---	.00	.00	---	---
4	---	.13	.01	---	---
5	---	.00	.00	---	---
6	---	.31	.00	---	---
7	---	.00	.00	---	---
8	---	.55	.07	---	---
9	---	.00	.00	---	---
10	---	.43	.35	---	---
11	---	.00	.02	---	---
12	---	.00	.06	---	---
13	0.00	.00	.00	---	---
14	.00	.00	.00	---	---
15	.13	.00	.06	---	---
16	.00	1.22	.00	---	---
17	.00	.02	.30	---	---
18	.00	.19	.01	---	---
19	.00	.00	1.94	---	---
20	.00	.00	.77	---	---
21	.00	.00	---	---	---
22	.00	.00	---	---	---
23	.00	.00	---	---	---
24	.00	.07	---	---	---
25	.00	.00	---	---	---
26	.07	.71	---	---	---
27	.00	1.55	---	---	---
28	.00	.62	---	---	---
29	.00	.00	---	---	---
30	.00	.01	---	---	---
31	.00	---	---	---	---
TOTAL	---	5.81	---	---	---

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	---	---	---	---	0.00	0.35	0.00	0.82	0.71
2	---	---	---	---	.01	.00	.00	.10	1.18
3	---	---	---	---	.00	.10	.00	.00	.20
4	---	---	---	---	.01	.03	.00	.04	.00
5	---	---	---	0.00	.00	.05	.00	.00	.08
6	---	---	---	.01	.00	.17	.00	.00	1.22
7	---	---	---	.05	.00	.00	.00	.00	.00
8	---	---	---	.00	.00	.70	.00	.00	.00
9	---	---	---	.00	.00	.00	.00	.04	.00
10	---	---	---	.01	.09	.00	.00	1.64	.00
11	---	---	---	.08	.04	.00	.00	.18	.00
12	---	---	---	.01	.00	.00	.05	.00	.49
13	---	---	---	.14	.00	.00	.00	.31	.00
14	---	---	---	1.36	.00	.00	.00	.01	.00
15	---	---	---	.41	.90	.00	.00	.00	.00
16	---	---	---	.00	3.16	.00	.00	.00	.13
17	---	---	---	.00	.13	.00	.00	.00	.00
18	---	---	---	.00	.45	.00	.00	.00	.00
19	---	---	---	.45	.00	.00	.00	.62	.60
20	---	---	---	.00	.00	.00	.00	.00	.02
21	---	---	---	.00	.01	.23	.04	.00	.07
22	---	---	---	.00	.00	.00	.00	.00	.02
23	---	---	---	.06	.00	.00	.21	.00	.00
24	---	---	---	.00	.00	.00	.21	.00	.00
25	---	---	---	.00	.00	.00	.00	.00	.64
26	---	---	---	.00	.00	.00	.00	.00	.00
27	---	---	---	.00	.89	.11	.00	.30	.02
28	---	---	---	.42	.40	.00	.00	.26	.68
29	---	---	---	.09	---	.00	.00	.33	.95
30	---	---	---	.01	---	.00	.71	.00	.00
31	---	---	---	.00	---	.00	---	.00	---
TOTAL	---	---	---	---	6.09	1.74	1.22	4.65	7.01

Table 30. Daily rainfall totals at CRN25 (Site 33), April 1994 through June 1995

RAINFALL ACCUMULATED (INCHES), APRIL 1994 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP
1	---	0.00	0.00	0.03	---	---
2	---	.00	.00	.03	---	---
3	---	1.19	.00	.00	---	---
4	---	.15	.04	.15	---	---
5	---	.00	.28	.00	---	---
6	---	.00	.32	.00	---	---
7	---	.00	.00	.00	---	---
8	---	.23	.29	.00	---	---
9	---	.00	.00	.00	---	---
10	---	.00	.35	.18	---	---
11	---	.00	.00	.09	---	---
12	---	.00	.00	.01	---	---
13	---	.00	.00	.00	---	---
14	---	.00	.00	.03	---	---
15	---	.16	.00	.38	---	---
16	---	.00	.12	.00	---	---
17	---	.00	.03	.05	---	---
18	---	.00	.18	1.16	---	---
19	---	.00	.00	.38	---	---
20	---	.00	.00	.43	---	---
21	---	.00	.00	---	---	---
22	---	.00	.00	---	---	---
23	---	.00	.00	---	---	---
24	---	.00	.21	---	---	---
25	---	.02	.06	---	---	---
26	0.00	.07	.75	---	---	---
27	.02	.00	1.03	---	---	---
28	.00	.00	.80	---	---	---
29	.00	.00	.02	---	---	---
30	.00	.00	.00	---	---	---
31	---	.00	---	---	---	---
TOTAL	---	1.82	4.48	---	---	---

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	---	---	---	---	0.00	0.34	0.00	0.82	0.41
2	---	---	---	---	.02	.00	.00	.05	.54
3	---	---	---	---	.00	.10	.00	.00	.20
4	---	---	---	---	.01	.02	.00	.03	.00
5	---	---	---	---	.00	.02	.00	.00	.11
6	---	---	---	0.06	.00	.20	.00	.00	1.30
7	---	---	---	.07	.00	.00	.00	.00	.00
8	---	---	---	.00	.00	.89	.00	.00	.00
9	---	---	---	.00	.00	.00	.00	.00	.00
10	---	---	---	.00	.17	.00	.00	.92	.00
11	---	---	---	.07	.07	.00	.00	.48	.01
12	---	---	---	.01	.00	.00	.12	.01	.50
13	---	---	---	.16	.00	.00	.00	1.05	.00
14	---	---	---	1.05	.00	.00	.00	.01	.00
15	---	---	---	.41	1.23	.00	.00	.00	.00
16	---	---	---	.01	1.93	.00	.00	.00	.01
17	---	---	---	.00	.11	.00	.00	.00	.00
18	---	---	---	.00	---	.00	.00	.00	.00
19	---	---	---	.28	---	.00	.00	.86	.91
20	---	---	---	.00	---	.00	.00	.00	.00
21	---	---	---	.00	---	.16	.07	.00	.01
22	---	---	---	.00	.00	.00	.00	.00	.16
23	---	---	---	.09	.00	.00	.15	.00	.00
24	---	---	---	.00	.00	.00	.22	.00	.00
25	---	---	---	.00	.00	.00	.00	.00	.46
26	---	---	---	.00	.00	.00	.00	.00	.02
27	---	---	---	.00	1.11	.10	.00	.04	.04
28	---	---	---	.47	.73	.00	.00	.01	.75
29	---	---	---	.18	---	.00	.00	.02	.06
30	---	---	---	.02	---	.00	.40	.00	.01
31	---	---	---	.00	---	.00	---	.00	---
TOTAL	---	---	---	---	---	1.83	0.96	4.30	5.50

Table 31. Daily rainfall totals at CRN26 (Site 35), June 1994 through June 1995

RAINFALL ACCUMULATED (INCHES), JUNE 1994 THROUGH SEPTEMBER 1994
DAILY SUM VALUES

DAY	JUN	JUL	AUG	SEP
1	---	1.18	0.01	0.10
2	---	.01	.16	.28
3	---	.00	.01	.31
4	---	.01	.00	.00
5	---	.07	.91	.00
6	---	.00	.00	.02
7	---	.00	.00	.00
8	---	.00	.00	.00
9	---	.00	.00	.00
10	---	.45	.00	.00
11	---	.03	.00	.00
12	---	.01	.04	.00
13	---	.03	.01	.00
14	---	.00	.28	.00
15	---	.26	.52	.00
16	0.42	.00	1.74	.00
17	.03	.02	.76	.00
18	.07	.47	.00	.08
19	.00	.78	1.06	.00
20	.00	.55	.00	.00
21	.00	.32	.21	.00
22	.00	.02	.00	.00
23	.00	.00	.00	.00
24	.16	.00	.00	.56
25	.00	.01	.00	.08
26	.41	.52	.00	.01
27	1.12	.04	.03	.00
28	.90	.11	.00	.00
29	.01	1.56	.00	.00
30	.00	.00	.02	.00
31	---	.00	.00	---
TOTAL	---	6.45	5.76	1.44

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.00	0.03	0.00	0.01	0.00	0.33	0.00	0.76	1.04
2	.00	.00	.00	.00	.01	.00	.00	.09	.50
3	.08	.00	.00	.00	.00	.11	.00	.00	.15
4	.00	.00	.57	.00	.02	.02	.00	.02	.00
5	.00	.00	.01	.00	.00	.01	.00	.01	.04
6	.00	.03	.00	.00	.00	.16	.00	.00	1.58
7	.00	.00	.00	.03	.00	.00	.00	.00	.00
8	.00	.00	.00	.00	.00	.72	.00	.00	.00
9	.03	.00	.00	.00	.00	.00	.00	.00	.00
10	.00	.71	.12	.00	.12	.00	.00	.78	.00
11	.00	.01	.02	.07	.05	.00	.00	.88	.04
12	.00	.00	.00	.00	.01	.00	.21	.00	.79
13	.04	.00	.02	.22	.00	.00	.00	.48	.00
14	.00	.00	.17	.88	.00	.00	.00	.01	.00
15	.00	.00	.00	.29	1.05	.00	.00	.13	.00
16	.00	.00	.00	.00	2.37	.00	.00	.00	.02
17	.00	.00	.00	.00	.08	.00	.00	.00	.00
18	.00	.00	.00	.00	.49	.00	.00	.00	.00
19	.00	.00	.00	.33	.00	.00	.00	.69	.46
20	.00	.00	.00	.00	.00	.00	.00	.00	.02
21	.00	.49	.00	.00	.01	.18	.05	.00	.07
22	.00	.00	.01	.00	.00	.00	.00	.00	.00
23	.18	.00	.10	.08	.00	.00	.15	.00	.00
24	.00	.00	.00	.00	.00	.00	.16	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.06
26	.01	.01	.00	.00	.00	.00	.00	.00	.01
27	.00	.91	.00	.00	1.02	.12	.00	.06	.02
28	.00	.10	.00	.40	.60	.03	.00	.00	.02
29	.00	.12	.00	.11	---	.00	.00	.33	.04
30	.00	.02	.00	.01	---	.00	.44	.01	.00
31	.01	---	.26	.00	---	.00	---	.00	---
TOTAL	0.35	2.43	1.28	2.43	5.83	1.68	1.01	4.25	4.86

Table 32. Daily rainfall totals at CRN27 (Site 36), October 1994 through June 1995

RAINFALL ACCUMULATED (INCHES), OCTOBER 1994 TO JUNE 1995
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	---	0.04	0.00	0.02	0.00	0.22	0.00	1.21	0.57
2	---	.00	.00	.00	.00	.00	.00	.16	.34
3	---	.00	.00	.00	.00	.04	.00	.00	.07
4	---	.00	.45	.00	.09	.01	.00	.01	.00
5	---	.00	.01	.00	.00	.03	.00	.00	.07
6	---	.04	.00	1.05	.00	.18	.00	.00	1.51
7	---	.00	.00	.01	.00	.00	.00	.00	.00
8	---	.01	.00	.00	.00	.47	.00	.00	.00
9	---	.00	.00	.00	.00	.00	.00	.02	.00
10	---	.25	.07	.00	.27	.00	.00	1.34	.53
11	---	.00	.07	.04	.11	.00	.00	.00	.00
12	---	.00	.00	.00	.00	.00	.31	.00	.44
13	---	.00	.05	.21	.00	.00	.00	1.10	.00
14	---	.00	.18	1.23	.00	.00	.00	.01	.00
15	---	.00	.00	.45	1.14	.00	.00	.00	.00
16	---	.00	.01	.00	1.80	.00	.00	.00	.00
17	---	.00	.00	.00	.19	.00	.00	.00	.00
18	0.00	.05	.00	.00	.57	.00	.00	.00	.00
19	.02	.00	.00	.35	.00	.00	.00	.71	.87
20	.09	.00	.00	.00	.00	.00	.00	.00	.01
21	.00	.47	.00	.00	.00	.19	.06	.00	.01
22	.68	.00	.20	.00	.00	.00	.00	.00	.00
23	.06	.00	.23	.10	.00	.00	.00	.00	.00
24	.00	.00	.00	.00	.00	.00	.24	.00	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.47
26	.00	.01	.00	.00	.00	.00	.00	.00	.00
27	.00	.88	.00	.00	.49	.11	.00	.25	.46
28	.00	.15	.00	.55	.64	.00	.00	.01	.48
29	.00	.15	.00	.29	---	.00	.00	.00	.02
30	.00	.03	.00	.02	---	.00	.26	.00	.00
31	.01	---	.22	.01	---	.00	---	.00	---
TOTAL	---	2.08	1.49	4.33	5.30	1.25	0.87	4.82	5.85

Table 33. Daily rainfall totals at CRN28 (Site 37), April 1995 through June 1995

RAINFALL ACCUMULATED
(INCHES),
APRIL 1995 THROUGH JUNE 1995
DAILY SUM VALUES

DAY	APR	MAY	JUN
1	---	0.54	0.19
2	---	.04	.68
3	---	.00	.05
4	---	.00	.00
5	---	.00	.47
6	---	.00	1.19
7	---	.00	.00
8	---	.00	.00
9	---	.03	.08
10	---	.17	.00
11	---	.00	.00
12	---	.00	1.30
13	---	.02	.00
14	---	.01	.00
15	---	.38	.00
16	---	.00	.00
17	---	.00	.00
18	---	.00	.00
19	---	.64	1.90
20	---	.00	.04
21	---	.00	.00
22	---	.00	.52
23	---	.00	.00
24	---	.00	.00
25	---	.00	.00
26	---	.00	.01
27	0.00	.01	.00
28	.00	.01	.33
29	.00	.00	.04
30	.04	.00	.00
31	---	.00	---
TOTAL	---	1.85	6.80

Table 34. Streamflow statistics at stormwater study sites, December 1993 through June 1995

[ft^3/s, cubic feet per second]

Site number [fig. 1]	Period of record	Daily mean discharge for period of record [ft^3/s]	Maximum instantaneous discharge recorded [ft^3/s]	Minimum instantaneous discharge recorded [ft^3/s]
41 (CSW02)	12/93-6/95	0.16	310 (8/16/94)	0.012 (5/27/95)
40 (CSW03)	7/94-6/95	.008	9.5 (8/16/94)	0.000 (several days during the period of record)
42 (CSW04)	12/93-6/95	.29	288 (8/16/94)	0.001 (10/7,8/94)
39 (CSW05)	3/94-6/95	.034	18 (5/13/95)	0.000 (several days during the period of record)
37 (CSW06)	4-6/95	.092	42 (6/19/95)	0.000 (several days during the period of record)
43 (CSW07)	6/94-6/95	.40	129 (6/28/94)	0.000 (7/15-20, 25, 26/94; 8/10/94)
33 (CSW08)	4/94-6/95	1.68	297 (2/16/95)	0.20 (6/30/95
34 (CSW09)	5/94-6/95	2.92	477 (2/16/95)	0.34 (6/16/94)

Table 35. Daily mean discharge at CSW02 (Site 41), December 1993 through June 1995

DISCHARGE, CUBIC FEET PER SECOND, DECEMBER 1993 TO JUNE 1995
DAILY MEAN VALUES

DAY	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	0.020	0.10	0.028	0.31	0.035	0.047	0.019	0.018	0.016	0.095	0.022	0.062	0.021	0.025	0.036	0.33	0.026	1.8	0.12
2	.017	.023	.025	2.4	.042	.028	.019	.022	.015	.053	.020	.075	.021	.026	.033	.057	.025	.35	.51
3	.017	.65	.025	.089	.058	.77	.017	.017	.016	.088	.040	.11	.021	.029	.030	.059	.025	.030	.030
4	.44	.46	.025	.055	.046	.14	.020	.015	e.017	.025	.026	.079	.32	.029	.064	.045	.030	.039	.018
5	.26	.036	.11	.043	.027	.032	.83	.019	e.019	.020	.027	.069	.029	.032	.034	.069	.19	.078	.15
6	.021	.030	.029	.038	.098	.043	.27	.016	e.018	.020	.021	.052	.022	e1.2	.028	.12	.45	.029	.87
7	.024	.066	.033	.048	.040	.057	.027	.015	e.017	.019	.018	.041	.024	e.038	.041	.038	.44	.039	.023
8	.025	.12	.033	.049	.040	.48	1.2	.019	e.017	.018	.022	.031	.022	.031	.12	.62	.45	.042	.020
9	.025	.035	.030	.11	.041	.034	.020	.027	e.016	.017	.12	.032	.030	.026	.14	.052	.22	.054	5.2
10	.11	.038	.25	.38	.040	.060	.12	.029	e.016	.037	2.2	.15	.039	e.024	.22	.040	.025	.097	.029
11	.069	.075	.82	.036	.037	.022	.023	e.30	e.022	.049	.023	.026	.12	.024	.11	.035	.025	.026	.022
12	.070	.96	.13	.033	.042	.024	.019	e.10	e.018	.055	.022	.026	.021	.041	.032	.035	.12	.025	.37
13	.071	.046	.061	.038	.072	.022	.017	e.030	e.018	.037	.20	.043	.027	.14	.029	.025	.025	.53	.022
14	.79	.033	.042	.051	.026	.028	.018	e.020	e.017	.018	.063	.043	.066	1.8	.029	.029	.026	.026	e.020
15	.31	.035	.035	.058	.25	.059	.033	e.030	e2.0	.019	.026	.018	.017	.48	.67	.033	.025	.021	.050
16	.14	.051	.033	.057	.54	.027	.023	e.020	e4.0	.020	.030	.019	.020	.060	2.8	.031	.027	.021	.021
17	.14	.40	.030	.044	.038	.023	.015	e.018	1.1	.022	.034	.027	.014	.039	.34	.029	.026	.021	.021
18	.15	.043	.030	.031	.039	.026	1.8	e.017	.035	.17	.037	.025	.016	.032	.77	.029	.026	.036	.021
19	.17	.034	.032	.034	.039	.025	.019	e.60	1.3	.030	.061	.018	.026	.46	.092	.028	.036	2.0	1.2
20	.64	.031	.029	.043	.052	.023	.026	e.25	.071	.023	.081	.021	.025	.054	.061	.029	.023	.023	.026
21	.26	.029	.075	.061	.025	.025	.023	.055	3.4	.022	.025	.31	.025	.046	.052	.17	.067	.026	.023
22	.20	.030	.026	.031	.025	.021	.11	.026	.081	.025	1.0	.021	.30	.043	.063	.053	.031	.029	.11
23	.32	.040	1.1	.025	.025	.025	.019	.028	.035	.031	.039	.020	.54	.11	.071	.085	.092	.030	.021
24	.19	.044	.35	.029	.025	.022	.017	.026	.026	1.6	.028	.018	.16	.034	.081	.085	.32	.036	.026
25	.19	.050	.061	.18	.025	.027	.023	.022	.025	.023	.024	.019	.027	.035	.087	.097	.023	.032	.029
26	.19	.16	.044	.025	.025	.12	.52	.023	.18	.020	.020	.022	e.023	.028	.058	.10	.021	.025	.029
27	.079	.047	.037	.11	.055	.020	.50	.48	.82	.024	.019	.53	.022	.026	.28	.085	.021	.13	.029
28	.074	1.4	.031	1.6	.023	.025	.62	.094	.026	.021	.019	.086	.021	.51	.67	.029	.022	.021	.50
29	.037	.054	---	.56	.027	.018	.58	.72	.022	.018	.022	.14	.022	.20	---	.031	.023	.020	1.0
30	.020	.055	---	.055	.028	.019	.019	.022	.022	.020	.018	.035	.022	.051	---	.038	.24	.021	.024
31	.021	.033	---	.040	---	.018	---	.020	.024	---	.025	---	.098	.040	---	.035	---	.023	---
MEAN	.16	.17	.13	.21	.063	.075	.23	.10	.43	.088	.14	.072	.070	.18	.25	.082	.10	.18	.35
MAX	.79	1.4	1.1	2.4	.54	.77	1.8	.72	4.0	1.6	2.2	.53	.54	1.8	2.8	.62	.45	2.0	5.2
MIN	.017	.023	.025	.025	.023	.018	.015	.015	.015	.017	.018	.018	.014	.024	.028	.025	.021	.020	.018
CFSM	1.33	1.37	1.03	1.75	.51	.61	1.89	.81	3.52	.72	1.14	.59	.57	1.50	2.04	.67	.84	1.49	2.85
IN.	1.54	1.58	1.07	2.02	.57	.70	2.11	.94	4.06	.80	1.31	.66	.65	1.73	2.13	.77	.94	1.72	3.19

e Estimated

Table 36. Daily mean discharge at CSW03 (Site 40), July 1994 through June 1995

DISCHARGE, CUBIC FEET PER SECOND, JULY 1994 TO JUNE 1995
DAILY MEAN VALUES

DAY	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	---	0.000	0.001	0.000	0.002	0.000	0.000	0.000	0.022	0.004	0.092	0.007
2	---	.000	.000	.000	.001	.000	.000	.001	.010	.004	.030	.010
3	---	.000	.002	.000	.002	.000	.000	.001	.007	.005	.000	.001
4	---	.000	.000	.000	.002	.013	.000	.002	.007	.005	.000	.000
5	---	.000	.000	.000	.003	.003	.000	.000	.005	.004	.000	.001
6	---	.000	.000	.000	.004	.000	.055	.000	.006	.003	.000	.030
7	---	.000	.000	.000	.001	.001	.015	.000	.001	.003	.000	.000
8	e0.000	.000	.000	.000	.000	.000	.001	.000	.045	.003	.000	.000
9	.000	.000	.003	.000	.001	.000	.000	.000	.006	.004	.000	.000
10	.000	.000	.000	.063	.010	.001	.000	.006	.007	.003	.001	.001
11	.001	.000	.000	.001	.001	.005	.000	.007	.006	.005	.000	.000
12	.000	.000	.000	.000	.000	.000	.000	.003	.002	.004	.000	.016
13	.000	.003	.000	.006	.003	.001	.006	.000	.000	.003	.059	.000
14	.000	.000	.000	.004	.000	.001	.072	.001	.001	.003	.001	.000
15	.000	.20	.000	.000	.000	.000	.032	.038	.000	.003	.000	.000
16	.000	.29	.000	.000	.000	.000	.007	.25	.000	.002	.000	.000
17	.000	.077	.000	.000	.000	.000	.004	.030	.000	.003	.000	.000
18	.000	.090	.001	.000	.000	.000	.001	.067	.001	.003	.000	.000
19	.018	.060	.000	.000	.000	.000	.005	.012	.000	.001	.007	.015
20	.006	.007	.000	.002	.000	.000	.002	.009	.000	.000	.000	.001
21	.002	.029	.000	.000	.008	.000	.000	.006	.006	.000	.000	.000
22	.000	.008	.000	.018	.000	.004	.000	.004	.003	.000	.000	.000
23	.000	.005	.000	.005	.000	.012	.002	.006	.003	.001	.000	.000
24	.000	.002	.005	.005	.000	.001	.000	.006	.002	.015	.000	.000
25	.000	.002	.014	.005	.000	.001	.000	.001	.003	.000	.000	.016
26	.000	.000	.000	.004	.000	.001	.000	.000	.003	.000	.000	.001
27	.005	.000	.000	.003	.025	.000	.000	.015	.004	.000	.002	.000
28	.002	.000	.000	.000	.004	.000	.022	.048	.003	.000	.000	.051
29	.21	.000	.000	.002	.004	.000	.012	---	.003	.000	.000	.010
30	.006	.000	.000	.002	.002	.000	.004	---	.002	.018	.000	.000
31	.003	.000	---	.004	---	.003	.001	---	.003	---	.000	---
MEAN	---	.025	.001	.004	.002	.002	.008	.018	.005	.003	.006	.005
MAX	---	.29	.014	.063	.025	.013	.072	.25	.045	.018	.092	.051
MIN	---	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
CFSM	---	1.08	.04	.17	.11	.07	.34	.80	.23	.14	.27	.23
IN.	---	1.25	.04	.20	.12	.08	.39	.83	.26	.16	.31	.26

e Estimated

Table 37. Daily mean discharge at CSW04 (Site 42), December 1993 through June 1995

DISCHARGE, CUBIC FEET PER SECOND, DECEMBER 1993 TO JUNE 1995
DAILY MEAN VALUES

DAY	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	e0.005	0.24	0.016	0.47	0.017	0.013	0.005	0.010	e0.010	0.078	0.006	0.042	0.040	0.016	0.034	1.0	e0.021	3.5	0.74
2	.005	.030	.015	4.0	.013	.006	.004	.011	e.008	.18	.005	.012	.038	.012	.062	.24	e.019	1.3	.38
3	.006	1.4	.014	.063	.012	.88	.007	.010	e.006	.15	.023	.010	.033	.012	.064	.29	e.023	.028	.060
4	.65	.98	.013	.028	.015	.22	.006	.022	e.007	.011	.006	.019	.87	.011	.095	.29	.024	.017	.011
5	.68	.079	.20	.019	.011	.008	.79	.011	e.010	.008	.006	.025	.11	.010	.061	.34	.016	.024	.26
6	.16	.032	.019	.016	.068	.008	.19	.016	e.009	.015	.004	.022	.029	2.0	.061	.61	.023	.029	1.9
7	.041	.086	.017	.015	.013	.007	.009	.012	e.007	.013	.002	.012	.020	.39	.069	.28	.012	.020	.035
8	.007	.28	.022	.015	.012	.77	.46	e.015	e.006	.009	.016	.010	.020	.019	.066	1.8	.013	.016	.012
9	e.006	.11	.024	.071	.014	.009	.008	e.016	e.005	.007	.046	.012	.018	.013	.063	.15	.017	.017	7.5
10	e.15	.064	.47	.68	.014	.007	1.6	e.016	e.006	.006	5.1	.34	.044	.011	.32	.071	.023	.38	.25
11	.012	.059	2.4	.025	.013	.007	.024	e.60	e.014	.006	.051	.058	.32	.012	.32	.067	.042	.015	.026
12	.008	2.1	.22	.017	.044	.007	.012	e.070	e.010	.006	.044	.023	.025	.029	.037	.044	.53	.014	.59
13	.009	.036	.061	.026	.076	.006	.010	e.016	e.009	.007	.51	.022	.053	.22	.019	.046	.034	.33	.028
14	1.4	.025	.029	.033	.012	.006	.011	e.011	e.007	.007	.22	.023	.059	2.3	.017	.045	.025	.061	.013
15	.22	.019	.023	.019	.28	.10	e.060	e.016	e6.0	.010	.051	.022	.017	.96	1.8	.044	.022	.016	.076
16	.017	.016	.018	.017	.72	.019	e.030	e.011	7.8	.008	.043	.025	.028	.047	4.9	.046	.020	.013	e.025
17	.010	.85	.016	.014	.010	.005	e.006	e.006	.97	.008	.050	.026	.016	.024	.88	.033	.018	.012	.012
18	.009	.079	.015	.016	.009	.005	2.4	.061	4.7	.17	.051	.030	.011	.020	1.5	.008	.018	.010	.010
19	.008	.019	.014	.016	.009	.006	.010	6.3	2.9	.008	.063	.035	.013	.21	.062	.011	.017	2.5	1.5
20	1.1	.017	.014	.014	.008	.006	.008	1.8	.055	.007	.18	.041	.011	.053	.037	.023	.014	.024	.032
21	.18	.017	.10	.040	.007	.006	.007	e.019	3.4	.007	.038	.57	.012	.022	.038	.23	.063	.014	.013
22	.019	.017	.015	.032	.008	.006	.007	e.012	.049	.006	2.0	.035	.26	.021	.067	.022	.031	.009	.22
23	.27	.018	3.4	.011	.012	.005	.006	e.015	.014	.005	.16	.031	.80	.15	.069	.021	.13	.011	.020
24	.023	.019	.83	.028	.021	.005	.022	e.008	.009	.33	.027	.033	.019	.022	.070	.023	.58	.010	.024
25	.016	.055	.039	.46	.038	.004	.006	e.006	.008	.069	.009	.035	.013	.016	.072	.024	.018	.012	2.2
26	.014	.19	.022	.012	.024	.12	.26	e.005	.14	e.010	.011	.039	.011	.015	.058	.025	.024	.010	.18
27	.017	.098	.019	.12	.10	.008	1.2	e4.0	.15	.006	.011	1.8	.011	.015	.56	.045	.018	.63	.020
28	.10	3.3	.015	2.0	.010	.005	2.2	e.15	.013	.005	.014	.22	.011	1.0	1.6	.020	.012	.020	e3.5
29	.075	.041	---	1.1	.006	.004	2.2	e5.0	.009	.005	.010	.43	.010	.33	---	.018	.012	.020	4.5
30	.011	.052	---	.030	.006	.004	.025	e.015	.007	.006	.014	.14	.010	.043	---	.021	.29	.021	.061
31	.009	.024	---	.021	---	.004	---	e.010	.007	---	.021	---	.18	.028	---	e.023	---	.012	---
MEAN	.17	.33	.29	.30	.053	.073	.39	.59	.85	.039	.28	.14	.10	.26	.46	.19	.070	.29	.81
MAX	1.4	3.3	3.4	4.0	.72	.88	2.4	6.3	7.8	.33	5.1	1.8	.87	2.3	4.9	1.8	.58	3.5	7.5
MIN	.005	.016	.013	.011	.006	.004	.004	.005	.005	.005	.002	.010	.010	.010	.017	.008	.012	.009	.010
CFSM	1.34	2.65	2.28	2.41	.42	.58	3.06	4.68	6.74	.31	2.25	1.10	.80	2.06	3.69	1.51	.56	2.33	6.40
IN.	1.55	3.06	2.38	2.78	.47	.67	3.42	5.39	7.78	.34	2.60	1.22	.92	2.37	3.84	1.74	.62	2.69	7.14

e Estimated

Table 38. Daily mean discharge at CSW05 (Site 39), March 1994 through June 1995

DISCHARGE, CUBIC FEET PER SECOND, MARCH 1994 TO JUNE 1995
DAILY MEAN VALUES

DAY	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	---	0.008	0.004	0.006	0.005	0.004	0.024	0.004	0.007	0.003	0.004	0.005	0.095	0.005	0.25	0.073
2	---	.007	.005	.006	.005	.004	.080	.002	.000	.003	.003	.005	.010	.005	.091	.17
3	---	.006	.16	.006	.005	.004	.086	.013	.000	.002	.003	.004	.014	.005	.006	.028
4	---	.006	.039	.006	.004	.004	.005	.003	.001	.10	.003	.023	.008	.005	.006	.005
5	---	.006	.007	.015	.027	.028	.003	.003	.002	.010	.003	.004	.013	.005	.005	.008
6	---	.033	.006	.051	.003	.004	.009	.003	.006	.003	.28	.004	.055	.005	.005	.52
7	---	.007	.005	.007	.003	.003	.004	.003	.002	.002	.032	.007	.007	.005	.004	.006
8	e0.006	.006	.068	.050	.003	.003	.014	.003	.002	.002	.004	.006	.26	.005	.004	.005
9	.037	.006	.005	.007	.004	.004	.007	.045	.003	.002	.003	.005	.025	.005	.007	.004
10	.080	.014	.004	.060	.26	.004	.005	.38	.049	.021	.003	.053	.012	.006	.36	.004
11	.007	.016	.004	.008	.21	.005	.005	.005	.005	.027	.008	.038	.008	.006	.006	.004
12	.006	.010	.004	.006	.021	.005	.008	.004	.003	.002	.005	.005	.007	.046	.005	.064
13	.006	.074	.004	.006	.005	.003	.008	.080	.003	.007	.035	.004	.007	.005	.33	.004
14	.006	.006	.004	.005	.004	.003	.013	.067	.004	.031	.37	.004	.007	.005	.012	.004
15	.005	.13	.13	.005	.061	.29	.013	.008	.004	.004	.17	.31	.006	.005	.006	.005
16	.006	.50	.008	.005	.004	.51	.009	.004	.005	.005	.008	.82	.006	.004	.008	.005
17	.005	.010	.005	.007	.070	.21	.003	.004	.005	.003	.005	.099	.006	.004	.006	.004
18	.005	.007	.005	.013	.076	.003	.010	.004	.005	.003	.004	.25	.006	.004	.007	.005
19	.005	.007	.005	.005	.26	.11	.003	.007	.004	.002	.13	.019	.006	.005	.17	.19
20	.005	.006	.005	.005	.051	.005	.004	.062	.003	.003	.010	.010	.005	.004	.006	.010
21	.007	.006	.005	.003	.065	.023	.005	.030	.099	.003	.005	.009	.045	.014	.006	.008
22	.005	.008	.004	.003	.005	.003	.004	.24	.003	.043	.004	.008	.005	.005	.005	.006
23	.004	.018	.004	.003	.005	.002	.003	.091	.002	.075	.023	.006	.005	.022	.005	.005
24	.007	.008	.004	.008	.004	.004	.13	.005	.001	.007	.004	.007	.006	.047	.005	.005
25	.17	.009	.005	.025	.004	.005	.011	.005	.001	.006	.004	.006	.005	.005	.005	.029
26	.006	.008	.006	.087	.008	.004	.005	.005	.002	.004	.003	.006	.006	.006	.005	.007
27	.28	.010	.005	.17	.046	.008	.004	.003	.25	.003	.003	.21	.022	.005	.036	.008
28	.35	.006	.005	.18	.033	.003	.004	.003	.041	.003	.17	.23	.004	.005	.007	.14
29	.22	.004	.005	.048	.25	.003	.004	.003	.050	.002	.081	---	.004	.005	.005	.016
30	.014	.005	.005	.005	.005	.004	.004	.002	.013	.002	.010	---	.004	.056	.004	.005
31	.010	---	.005	---	.004	.004	---	.002	---	.052	.006	---	.004	---	.005	---
MEAN	---	.032	.017	.027	.049	.041	.016	.035	.019	.014	.045	.077	.022	.010	.045	.045
MAX	---	.50	.16	.18	.26	.51	.13	.38	.25	.10	.37	.82	.26	.056	.36	.52
MIN	---	.004	.004	.003	.003	.002	.003	.002	.000	.002	.003	.004	.004	.004	.004	.004
CFSM	---	1.43	.78	1.23	2.21	1.86	.74	1.60	.87	.64	2.05	3.50	.99	.47	2.03	2.04
IN.	---	1.60	.90	1.37	2.55	2.15	.82	1.85	.97	.74	2.36	3.65	1.14	.52	2.34	2.28

e Estimated

Table 39. Daily mean discharge at CSW06 (Site 37), April through June 1995

DISCHARGE, CUBIC FEET PER SECOND, APRIL TO JUNE
1995
DAILY MEAN VALUES

DAY	APR	MAY	JUN
1	---	0.084	0.000
2	---	.38	.52
3	---	.009	.031
4	---	.008	.010
5	---	.005	.26
6	---	.000	.88
7	---	.000	.028
8	---	.000	.008
9	---	.000	.005
10	---	.013	.007
11	---	.010	.001
12	---	.003	.47
13	---	.000	.021
14	---	.000	.007
15	---	.042	.002
16	---	.014	.000
17	---	.008	.000
18	---	.002	.000
19	---	.64	1.9
20	---	.019	.057
21	---	.007	.013
22	---	.002	.36
23	---	.000	.012
24	---	.000	.007
25	---	.000	.006
26	---	.000	.004
27	0.001	.000	.001
28	.000	.000	.071
29	.000	.000	.020
30	.000	.000	.012
31	---	.000	---
MEAN	---	.040	.16
MAX	---	.64	1.9
MIN	---	.000	.000
CFSM	---	.64	2.49
IN.	---	.74	2.78

Table 40. Daily mean discharge at CSW07 (Site 43), June 1994 through June 1995

DISCHARGE, CUBIC FEET PER SECOND, JUNE 1994 TO JUNE 1995
DAILY MEAN VALUES

DAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	---	0.15	0.038	5.3	0.14	0.22	0.25	0.15	0.20	1.8	0.13	0.26	0.43
2	---	.15	.033	1.1	.15	.15	.19	.13	.18	.35	.12	.33	.12
3	---	.13	.028	.98	.23	.15	.16	.18	.16	.24	.12	.096	.097
4	---	.14	.026	.26	.14	.15	.66	.13	.16	.21	.12	.093	.072
5	---	.13	.77	.11	.15	.15	.37	.12	.15	.19	.12	.086	.10
6	---	.14	.061	.092	.15	.15	.22	1.2	.14	.39	.11	.082	.69
7	---	.14	.040	.074	.15	.15	.18	1.9	.14	.23	.096	.081	.11
8	---	.15	.029	.057	.15	.15	.15	.27	.14	4.1	.092	.075	.082
9	---	.15	.021	.052	.15	.15	.15	.21	.13	.51	.089	.078	3.5
10	---	.15	.016	.050	4.9	.60	.19	.17	.26	.26	.088	.092	.26
11	---	.76	.023	.049	.29	.24	.22	.15	.50	.21	.089	.074	.13
12	---	.029	.064	.044	.20	.17	.15	.15	.25	.18	1.3	.072	.41
13	---	.017	.13	.044	.86	.16	.14	.20	.18	.17	.18	.072	.12
14	0.077	.017	.040	.043	.54	.16	.16	4.3	.16	.16	.12	.075	.090
15	.064	.007	4.7	.040	.24	.16	.25	3.4	2.0	.16	.11	.14	.11
16	.067	.001	e4.8	.033	.20	.16	.14	.44	7.8	.15	.10	.071	.089
17	.060	.000	e.70	.040	.19	.17	.13	.25	2.3	.15	.094	.064	.077
18	.094	.000	e.20	.22	.24	.16	.13	.21	4.7	.16	.092	.056	.079
19	.064	.014	e1.8	.035	.18	.16	.12	.42	.52	.15	.092	.20	2.9
20	.063	.19	e.30	.027	.18	.16	.12	.32	.34	.15	.085	.075	.25
21	.058	.20	e3.8	.027	.18	.44	.11	.21	.22	.21	.099	.063	.13
22	.32	.038	.26	.027	.17	.19	.25	.18	.18	.15	.083	.057	.27
23	.079	.033	.15	.045	.17	.13	1.9	.24	.17	.15	.13	.055	.11
24	.085	.022	.061	.43	.16	.11	.27	.19	.15	.15	.20	.052	.098
25	.087	.015	.051	.63	.20	.11	.20	.17	.15	.15	.092	.049	.30
26	.30	.056	.050	.20	.16	.11	.17	.16	.15	.15	.083	.043	.99
27	2.1	.60	e.90	.064	.15	2.0	.15	.15	.20	.15	.078	1.2	.22
28	4.1	.37	e.10	.054	.15	.57	.14	1.4	1.9	.14	.078	.11	.26
29	2.0	.83	e.050	.050	.15	.80	.13	.56	---	.13	.078	.088	.82
30	.29	.079	e.040	.050	.15	.59	.12	.32	---	.13	.083	.080	.24
31	---	.048	.057	---	.15	---	.21	.23	---	.13	---	.072	---
MEAN	---	.15	.62	.34	.36	.29	.25	.58	.84	.37	.15	.13	.44
MAX	---	.83	4.8	5.3	4.9	2.0	1.9	4.3	7.8	4.1	1.3	1.2	3.5
MIN	---	.000	.016	.027	.14	.11	.11	.12	.13	.13	.078	.043	.072
CFSM	---	.58	2.35	1.28	1.36	1.10	.94	2.20	3.16	1.40	.55	.49	1.65
IN.	---	.67	2.70	1.43	1.57	1.23	1.08	2.53	3.29	1.62	.61	.57	1.84

e Estimated

Table 41. Daily mean discharge at CSW08 (Site 33), April 1994 through June 1995

DISCHARGE, CUBIC FEET PER SECOND, APRIL 1994 TO JUNE 1995
DAILY MEAN VALUES

DAY	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	---	0.32	0.28	0.37	0.51	0.44	0.41	0.78	0.92	1.1	1.5	34	0.96	0.74	0.55
2	---	.32	.29	.37	.48	.52	.42	.77	.86	.95	1.4	6.9	.90	1.8	1.6
3	---	.39	.28	.35	.46	.69	.52	.78	.88	.86	1.3	3.3	.90	.68	1.0
4	---	.84	.28	.38	.43	.51	.49	.78	2.4	.86	1.2	2.9	.91	.60	.53
5	---	.37	.28	.35	.82	.47	.45	.79	1.7	.82	1.1	2.3	.90	.59	.47
6	---	.33	.34	.34	.51	.51	.45	.84	1.3	3.7	1.1	3.4	.91	.53	13
7	---	.31	.31	.33	.41	.48	.45	.82	1.1	14	1.1	2.6	.84	.50	2.2
8	---	.31	.32	.33	.38	.43	.45	.88	.97	2.1	1.0	23	.82	.50	.70
9	---	.31	.32	.33	.36	.43	.57	.92	.93	1.4	.99	10	.81	.50	.45
10	---	.30	.35	.31	.35	.40	1.4	1.2	.94	1.3	1.1	3.5	.77	1.8	.37
11	e0.87	.29	.35	.32	.34	.40	.48	1.2	1.1	1.1	1.2	2.4	.78	1.3	.32
12	.80	.29	.34	.32	.36	.39	.43	.95	.96	1.1	1.1	2.0	.81	1.1	.47
13	1.6	.30	.34	.31	.41	.39	.53	.91	.93	1.0	1.0	1.8	.79	4.3	.34
14	1.1	.29	.33	.30	.42	.38	.67	.91	.95	16	1.0	1.6	.72	5.4	.30
15	.94	.27	.33	.36	.69	.40	.55	.91	.91	22	4.9	1.5	.68	1.1	.28
16	9.6	.27	.35	.34	1.9	.39	.49	.96	.88	5.5	97	1.4	.69	.74	.28
17	1.2	.27	.35	.32	33	.42	.49	.94	.88	2.5	32	1.3	.70	.63	.27
18	.73	.27	.35	e.60	2.1	.63	.52	.94	.87	1.7	e11	1.3	.69	.57	.26
19	.63	.28	.34	e3.0	5.7	.49	.56	.94	.87	1.8	e7.0	1.2	.67	1.9	.53
20	.57	.28	.36	e1.5	4.5	.46	.61	.92	.86	2.8	e4.0	1.2	.64	.97	.35
21	.50	.28	.36	e.90	1.3	.46	.61	1.4	.87	1.7	e3.5	1.3	.66	.69	.28
22	.46	.25	.36	.68	.98	.45	.64	1.1	.91	1.4	2.3	1.1	.64	.54	.34
23	.42	.25	.36	.55	.69	.44	1.7	1.0	.96	1.4	2.0	1.1	.73	.50	.38
24	.39	.25	.37	.47	.60	.53	.67	1.0	.91	1.3	1.7	1.1	.83	.48	.40
25	.35	.25	.39	.44	.54	.53	.62	1.0	.92	1.2	1.4	1.0	.61	.47	.45
26	.33	.25	.45	.45	.51	.48	.63	1.0	.92	1.1	1.3	1.0	.58	.46	.54
27	.33	.25	1.2	.61	.54	.45	.65	2.5	.92	1.1	3.7	1.1	.56	.48	.50
28	.33	.27	.81	.46	.53	.43	.66	1.4	.92	2.8	47	1.0	.55	.48	.97
29	.32	.27	2.0	.75	.47	.41	.68	1.1	.93	3.0	---	.98	.52	.47	.35
30	.32	.27	.37	.45	.46	.39	.66	1.0	.93	2.2	---	1.0	.63	.47	.23
31	---	.27	---	.42	.46	---	.71	---	1.1	1.8	---	1.0	---	.46	---
MEAN	---	.31	.44	.55	1.97	.46	.62	1.02	1.02	3.28	8.39	3.85	.74	1.02	.96
MAX	---	.84	2.0	3.0	33	.69	1.7	2.5	2.4	22	97	34	.96	5.4	13
MIN	---	.25	.28	.30	.34	.38	.41	.77	.86	.82	.99	.98	.52	.46	.23
CFSM	---	.11	.16	.21	.74	.17	.23	.38	.38	1.23	3.14	1.44	.28	.38	.36
IN.	---	.13	.18	.24	.85	.19	.27	.43	.44	1.41	3.27	1.66	.31	.44	.40

e Estimated

Table 42. Daily mean discharge at CSW09 (Site 34), May 1994 through June 1995

DISCHARGE, CUBIC FEET PER SECOND, MAY 1994 TO JUNE 1995
DAILY MEAN VALUES

DAY	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
1	---	0.54	1.2	e1.0	1.9	0.74	1.5	1.2	0.81	3.2	16	1.2	6.6	2.6
2	---	.52	.96	e2.0	4.4	.70	1.4	1.1	.75	3.2	2.0	1.2	6.5	15
3	---	.51	.87	1.3	1.6	1.2	1.5	1.1	.74	3.2	1.4	1.1	1.1	3.7
4	---	.55	.83	1.2	.94	.76	1.5	6.3	.74	3.3	1.5	1.1	1.1	1.0
5	---	.51	1.0	9.5	.80	.73	1.4	1.7	.73	3.3	1.0	1.1	1.0	.95
6	---	.77	.88	1.8	.86	.68	1.5	1.0	16	3.3	2.5	1.1	.97	18
7	---	.52	.80	1.5	.87	.67	1.4	.91	17	3.3	1.1	1.6	.91	3.7
8	---	1.5	.82	1.5	.71	.70	1.4	.84	5.4	3.4	16	1.3	.82	1.3
9	---	.58	.77	e1.3	.66	.82	1.4	.82	4.7	3.4	5.2	1.2	.85	.86
10	---	1.8	e.76	e1.1	.64	12	3.0	1.0	4.3	3.6	2.9	1.2	34	.85
11	---	.60	e.80	e1.0	.59	1.9	2.0	1.1	4.1	3.8	2.3	1.2	1.8	.90
12	e0.74	.50	e1.4	e1.0	.52	1.8	1.5	.82	4.1	3.6	2.0	1.3	1.2	3.5
13	.75	.46	e.90	e1.1	.53	2.1	1.5	.77	3.8	3.6	1.8	1.4	1.6	.88
14	.76	.42	.80	e1.2	.57	2.5	1.5	.81	35	3.6	1.7	1.4	1.5	.79
15	.88	.41	.81	8.4	.55	1.7	1.4	.77	26	e13	1.8	1.3	1.2	.80
16	.75	e1.5	.75	6.3	.54	1.6	1.4	.73	6.9	145	1.6	1.3	1.1	.94
17	.72	e15	2.7	e20	.55	1.7	1.4	.73	4.7	22	1.6	1.4	1.1	.76
18	.73	1.9	1.4	e8.0	.52	1.6	1.3	.71	4.2	22	1.5	1.4	.98	.67
19	.69	1.6	e15	e15	.48	1.6	1.3	.70	7.7	7.2	1.5	1.3	2.7	3.1
20	.69	1.5	e8.0	3.5	.54	1.6	1.3	.70	6.6	4.5	1.4	1.4	1.0	1.0
21	.74	1.5	e4.0	13	.53	1.5	13	.70	4.1	2.5	2.8	1.4	.94	1.4
22	.74	1.4	e2.2	2.9	.46	2.3	1.7	.68	3.7	1.8	1.4	1.3	.73	1.0
23	.72	1.4	2.0	1.7	.48	2.9	1.5	.78	3.8	1.5	1.2	1.8	.68	.87
24	.68	1.4	1.7	1.4	2.6	1.5	1.5	.69	3.5	1.2	1.2	2.2	.67	.87
25	.67	1.3	1.5	1.3	5.4	1.5	1.5	.70	3.3	1.1	1.2	1.5	.62	2.8
26	.61	3.8	2.8	1.1	2.0	1.4	1.5	.68	3.2	.94	1.2	1.4	.61	1.7
27	.59	25	1.7	1.5	1.0	1.4	11	.72	3.1	5.0	1.4	1.3	1.6	1.6
28	.54	e6.0	1.5	1.2	.90	1.4	1.9	.68	6.6	15	1.3	1.3	1.6	12
29	.56	e3.0	e4.0	1.0	.89	1.4	1.8	.68	4.6	---	1.2	1.2	.80	14
30	.53	1.4	e2.0	.94	.81	1.4	1.4	.67	3.5	---	1.2	4.5	.67	3.0
31	.56	---	e1.3	.90	---	1.4	---	1.4	3.3	---	1.3	---	.61	---
MEAN	---	2.60	2.13	3.70	1.13	1.78	2.25	1.04	6.35	10.4	2.65	1.45	2.50	3.35
MAX	---	25	15	20	5.4	12	13	6.3	35	145	16	4.5	34	18
MIN	---	.41	.75	.90	.46	.67	1.3	.67	.73	.94	1.0	1.1	.61	.67
CFSM	---	1.10	.91	1.57	.48	.76	.96	.44	2.70	4.42	1.13	.62	1.06	1.43
IN.	---	1.23	1.05	1.81	.54	.87	1.07	.51	3.12	4.60	1.30	.69	1.23	1.59

e Estimated

Table 43. Rainfall and streamflow characteristics for the monitored storms at CSW02 (Site 41), May 1994 through June 1995

[Peak discharge for event may occur after rainfall duration ends. ft^3/s, cubic foot per second; --, no data; Sample types: A - Chemical, nutrients, and metals, B - Organic Compounds, C - Volatile Compounds, D - Total Organic Carbon, E - Oil and grease, F - Bacteria]

Date and time storm began	Time first/ last samples collected	Total rainfall[a] (inches)	Total rainfall from beginning of storm to end of sampling	Rainfall duration[b] (hours)	Number of dry days preceding storm[c]	Number of days since last rainfall of >0.5 inch	Peak discharge sampled (ft^3/s)	Peak discharge during the rainfall duration (ft^3/s)	Sample types
5/3/94 at 1425	1600/1632	1.15	0.08	13	16	17	0.34	17	A,B,D,E
7/11/94 at 1544	1544/1705	.41	.41	11	11	11	11	--	A,C,D,E
10/3/94 at 0500	0730	.09	.06	9	7	8	.34	.34	C,E
11/21/94 at 0550	0639/1036	.55	.52	5	10	29	1.3	5.0	A,D
12/10/94 at 1950	2040	.30	.05	7	5	6	.24	3.8	C,E
1/13/95 at 2215	1/13/95 at 2238 1/14/95 at 1300	2.10	.95	38	6	6	38	49	A,C,D,E
2/10/95 at 0800	0925/1005	.47	.09	22	11	12	.56	1.1	A,F
2/15/95 at 0325	1150	2.53	.44	54	3	17	.51	80	F
4/12/95 at 1350	1606	.26	.16	4	21	42	.68	3.8	B
4/21/95 at 0725	0806/0813	.11	.10	1	8	51	1.5	1.5	A,C,D,E, F
4/24/95 at 0035	0040/0052	.41	.37	1	0	54	55	62	A,D
5/1/95 at 1905	2158	1.65	.86	7	0	61	1.5	155	F
6/19/95 at 0645	0744/1616	1.25	.93	11	6	6	31	43	A,D,F
6/28/95 at 1535	1609/1847	1.23	1.23	3	2	8	29	49	F

[a]Rainfall from CRN12 (Site 22).

[b]Storm duration is defined as a period when rainfall does not stop for a time period greater than 4 hours.

[c]Number of dry days is defined as days that $\leq$0.10 inch of rainfall occurred.

Table 44. Rainfall and streamflow characteristics for the monitored storms at CSW03 (Site 40), July 1994 through June 1995

[Peak discharge for event may occur after rainfall duration ends. ft^3/s, cubic foot per second; Sample types: A - Chemical, nutrients, and metals, B - Organic Compounds, C - Volatile Compounds, D - Total Organic Carbon, E - Oil and grease, F - Bacteria]

Date and time storm began	Time first/ last samples collected	Total rainfall[a] (inches)	Total rainfall from beginning of storm to end of sampling	Rainfall duration[b] (hours)	Number of dry days preceding storm[c]	Number of days since last rainfall of >0.5 inch	Peak discharge sampled (ft^3/s)	Peak discharge during the rainfall duration (ft^3/s)	Sample types
7/27/94 at 2110	2233/2250	0.79	0.65	2	5	8	0.18	0.44	A,D
11/21/94 at 0555	0633/1025	.40	.37	4	10	41	.16	.16	A,D,F
1/6/95 at 1750	1/6/95 at 1916 1/7/95 at 0617	.97	.97	5	5	39	.73	.77	A,D,E
1/19/95 at 1745	2036	.22	.14	3	3	4	.20	.34	C,E
2/10/95 at 0800	0949	.12	.04	5	11	12	.01	.01	F
2/15/95 at 0325	1052	2.28	.36	53	3	17	.05	3.0	F
4/24/95 at 0035	0040/0052	.36	.34	1	0	46	2.6	2.6	A
4/30/95 at 1935	1936/2000	.61	.17	2	5	52	.52	.89	A,B
5/1/95 at 1910	2134	1.68	.88	7	0	0	5.2	6.0	A
6/19/95 at 0635	1353	.80	.29	10	6	6	.18	.44	A,D
6/28/95 at 1705	1734/1814	1.69	1.67	5	2	2	1.5	2.9	A,D,E,F

[a]Rainfall from CRN20 (Site 29), except event of 7/27/94 when rainfall from CRN9 (Site 20) was used.

[b]Storm duration is defined as a period when rainfall does not stop for a time period greater than 4 hours.

[c]Number of dry days is defined as days that $\leq$0.10 inch of rainfall occurred.

Table 45. Rainfall and streamflow characteristics for the monitored storms at CSW04 (Site 42), May 1994 through June 1995

[Peak discharge for event may occur after rainfall duration ends. ft^3/s, cubic foot per second; --, no data; Sample types: A - Chemical, nutrients, and metals, B - Organic Compounds, C - Volatile Compounds, D - Total Organic Carbon, E - Oil and grease, F - Bacteria]

Date and time storm began	Time first/ last samples collected	Total rainfall[a] [inches]	Total rainfall from beginning of storm to end of sampling	Rainfall duration[b] (hours)	Number of dry days preceding storm[c]	Number of days since last rainfall of >0.5 inch	Peak discharge sampled [ft^3/s]	Peak discharge during the rainfall duration [ft^3/s]	Sample types
5/3/94 at 1425	1600/1919	1.15	0.54	13	16	17	6.6	11	A,B,C,D
7/11/94 at 1545	1602/1716	.41	.29	11	11	11	13	--	A,C,D,E
10/3/94 at 0500	0746	.09	.07	9	8	8	.13	.19	C,E
11/21/94 at 0550	0725/1318	.55	.55	5	10	29	3.4	15	A,C,D,E,F
12/4/94 at 0510	0535/0907	.47	.36	6	4	6	12	15	A,C,D,E
1/6/95 at 1845	1/6/95 at 1932 1/7/95 at 0746	1.10	1.10	5	5	32	14	40	A,D
1/13/95 at 2215	2306	.24	.08	3	6	6	.32	13	C,E
2/10/95 at 0800	1040	.16	.10	2	11	12	.54	1.0	F
2/15/95 at 0325	1113/1120	2.53	.43	54	3	17	3.4	61	F
4/12/95 at 1350	1612	.26	.16	5	21	42	4.3	14	B
4/21/95 at 0725	0822	.11	.11	1	8	51	1.4	.79	A,C,D,E,F
4/24/95 a 0035	0041/0100	.41	.37	1	0	54	44	49	A,D
5/1/95 at 1905	2213	1.65	.92	7	0	61	12	216	F
5/10/95 at 0920	1024	.27	.27	<1	7	8	1.2	34	F
6/19/95 at 0645	0715/1718	1.25	1.24	11	6	6	21	23	A,C
6/25/95 at 2125	2148/2234	.38	.30	6	5	5	73	83	E,F

[a]Rainfall from CRN12 (Site 22).

[b]Storm duration is defined as a period when rainfall does not stop for a time period greater than 4 hours.

[c]Number of dry days is defined as days that ≤0.10 inch of rainfall occurred.

Table 46. Rainfall and streamflow characteristics for the monitored storms at CSW05 (Site 39), June 1994 through June 1995

[Peak discharge for event may occur after rainfall duration ends. ft^3/s, cubic foot per second; Sample types: A - Chemical, nutrients, and metals, B - Organic Compounds, C - Volatile Compounds, D - Total Organic Carbon, E - Oil and grease, F - Bacteria]

Date and time storm began	Time first/ last samples collected	Total rainfall[a] (inches)	Total rainfall from beginning of storm to end of sampling	Rainfall duration[b] (hours)	Number of dry days preceding storm[c]	Number of days since last rainfall of >0.5 inch	Peak discharge sampled (ft^3/s)	Peak discharge during the rainfall duration (ft^3/s)	Sample types
6/24/94 at 1530	1711	0.06	0.06	2	5	39	0.44	0.53	A
6/25/94 at 0130	0135/0550	.09	.09	1	6	40	2.5	2.7	A
8/5/94 at 1310	1320/1354	.15	.15	1	6	6	1.9	2.4	A,C,D,E
11/21/94 at 0610	0618/1027	.47	.37	3	10	29	2.6	3.1	A,D,F
1/6/95 at 1905	1/6/95 at 1910 1/7/95 at 0542	1.15	1.15	6	5	39	3.1	4.6	A,D
1/19/95 at 1855	1935	.53	.05	2	3	4	.14	7.6	C,E
2/10/95at 0840	0904	.09	.02	3	11	12	.11	.14	E,F
2/15/95 at 0345	1000/1006	1.47	.49	21	3	17	.51	6.7	F
4/12/95 at 1550	1635/1640	.25	.18	1	15	34	2.8	3.0	B,C
4/21/95 at 0802	0802/0822	.07	.07	<1	8	43	.46	.61	A,C,D,E,F
4/24/95 at 0035	0037/0055	.25	.22	4	0	46	4.6	4.6	A,D
6/19/95 at 0725	0734/1510	.94	.77	11	6	12	1.6	3.2	A,D

[a]Rainfall from CRN3 (Site 15).

[b]Storm duration is defined as a period when rainfall does not stop for a time period greater than 4 hours.

[c]Number of dry days is defined as days that ≤0.10 inch of rainfall occurred.

Table 47. Rainfall and streamflow characteristics for the monitored storms at CSW06 (Site 37), May through June 1995

[Peak discharge for event may occur after rainfall duration ends. ft^3/s, cubic foot per second; Sample types: A - Chemical, nutrients, and metals, B - Organic Compounds, C - Volatile Compounds, D - Total Organic Carbon, E - Oil and grease, F - Bacteria]

Date and time storm began	Time first/ last samples collected	Total rainfall[a] (inches)	Total rainfall from beginning of storm to end of sampling	Rainfall duration[b] (hours)	Number of dry days preceding storm[c]	Number of days since last rainfall of >0.5 inch	Peak discharge sampled (ft^3/s)	Peak discharge during the rainfall duration (ft^3/s)	Sample types
5/1/95 at 1930	2308/0044	0.51	0.49	7	≥4	≥4	7.9	9.8	A,B,C,D,E,F
6/19/95 at 0650	0904/1744	1.90	1.79	15	6	6	40	42	A,D,F
6/28/95 at 1805	1836/1925	.33	.33	<1	2	2	1.2	.23	E,F

[a]Rainfall from CRN28 (Site 37).

[b]Storm duration is defined as a period when rainfall does not stop for a time period greater than 4 hours.

[c]Number of dry days is defined as days that ≤0.10 inch of rainfall occurred.

Table 48. Rainfall and streamflow characteristics for the monitored storms at CSW07 (Site 43), June 1994 through June 1995

[Peak discharge for event may occur after rainfall duration ends. ft^3/s, cubic foot per second; Sample types: A - Chemical, nutrients, and metals, B - Organic Compounds, C - Volatile Compounds, D - Total Organic Carbon, E - Oil and grease, F - Bacteria]

Date and time storm began	Time first/ last samples collected	Total rainfall[a] (inches)	Total rainfall from beginning of storm to end of sampling	Rainfall duration[b] (hours)	Number of dry days preceding storm[c]	Number of days since last rainfall of >0.5 inch	Peak discharge sampled (ft^3/s)	Peak discharge during the rainfall duration (ft^3/s)	Sample types
6/22/94 at 1623	1623/1825	0.17	0.13	3	6	11	2.0	5.9	A
7/26/94 at 1820	1836	.11	.09	<1	5	5	.52	.56	A,D
7/27/94 at 1535	1549/1707	.22	.21	5	0	6	11.0	12.0	A,C,D,E
11/27/94 at 0425	0543/1413	1.0	.98	9	5	16	6.9	7.1	A,D
1/13/95 at 2220	1/13/95 at 2330 1/14/95 at 0830	.27	.27	1	6	6	2.7	3.6	A,C,D,E
1/14/95 at 1120	1254/1410	1.48	.44	24	0	7	10	17	A,D
2/15/95 at 0420	1115	.99	.43	20	3	17	2.7	15	F
4/12/95 at 1540	1626/1810	1.17	1.16	1	21	34	20	22	A,B
4/23/95 at 0745	1033	.16	.16	3	10	10	.27	.36	D,E,F
6/19/95 at 0645	0841/2015	1.42	1.42	12	6	6	24	26	A,D,F

[a]Rainfall from CRN8 (Site 19).

[b]Storm duration is defined as a period when rainfall does not stop for a time period greater than 4 hours.

[c]Number of dry days is defined as days that ≤0.10 inch of rainfall occurred.

Table 49. Rainfall and streamflow characteristics for the monitored storms at CSW08 (Site 33), June 1994 through June 1995

[Peak discharge for event may occur after rainfall duration ends. ft^3/s, cubic foot per second; Sample types: A - Chemical, nutrients, and metals, B - Organic Compounds, C - Volatile Compounds, D - Total Organic Carbon, E - Oil and grease, F - Bacteria]

Date and time storm began	Time first/ last samples collected	Total rainfall[a] (inches)	Total rainfall from beginning of storm to end of sampling	Rainfall duration[b] (hours)	Number of dry days preceding storm[c]	Number of days since last rainfall of >0.5 inch	Peak discharge sampled (ft^3/s)	Peak discharge during the rainfall duration (ft^3/s)	Sample types
6/26/94 at 1955	6/26/94 at 2240 6/27/94 at 1250	1.78	1.78	14	1	53	1.9	2.4	A,B,C,D, E
8/5/94 at 1305	1430/1505	.40	.40	<1	2	6	2.0	2.0	C,E
8/16/94 at 1720	8/16/94 at 2252 8/17/94 at 0712	2.10	2.10	14	0	0	118	120	A,C,D,E
12/4/94 at 0615	1031/2018	.72	.66	17	4	6	5.0	5.6	A,D
1/14/95 at 1140	1446/2225	1.46	.94	25	0	7[d]	71	73	A,D
1/28/95 at 0320	1050	.47	.46	8	8	13	2.6	2.8	C,E
2/15/95 at 0330	2/15/95 at 1243 2/16/95 at 1348	3.16	2.44	45	4	31	275	297	A,D,F
5/1/95 at 1945	2342	.87	.77	6	0	53	3.2	7.2	B
5/19/95 at 0420	0812/0819	.86	.52	9	5	5	2.2	5.7	A,B,C,D, E,F
6/6/95 at 0115	0948/1324	1.30	1.25	14	0	3	54	76	A,D,F
6/28/95 at 1655	2120	.75	.75	1	2	8	1.7	5.2	F

[a]Rainfall from CRN25 (Site 33), except events of 8/5/94, 8/16/94, and 12/4/94, when rainfall from CRN18 (Site 6) was used.

[b]Storm duration is defined as a period when rainfall does not stop for a time period greater than 4 hours.

[c]Number of dry days is defined as days that ≤0.10 inch of rainfall occurred.

[d]Rainfall from CRN18 (Site 6).

Table 50. Rainfall and streamflow characteristics for the monitored storms at CSW09 (Site 34), June 1994 through June 1995

[Peak discharge for event may occur after rainfall duration ends. ft^3/s, cubic foot per second; Sample types: A - Chemical, nutrients, and metals, B - Organic Compounds, C - Volatile Compounds, D - Total Organic Carbon, E - Oil and grease, F - Bacteria]

Date and time storm began	Time first/ last samples collected	Total rainfall[a] (inches)	Total rainfall from beginning of storm to end of sampling	Rainfall duration[b] (hours)	Number of dry days preceding storm[c]	Number of days since last rainfall of >0.5 inch	Peak discharge sampled (ft^3/s)	Peak discharge during the rainfall duration (ft^3/s)	Sample types
6/26/94 at 2000	2010/2220	0.71	0.71	2	7	9	33	38	A,B
8/5/94 at 1235	1240/1455	.91	.91	1	2	6	130	132	A,C,D,E
12/4/94 at 0545	0905/1016	.57	.47	6	4	6	32	33	A,D
1/14/95 at 1140	1242/1745	1.77	1.10	24	0	40[d]	268	274	A,D
1/28/95 at 0310	0720	.42	.18	8	8	13	7.8	16	C,E
2/15/95 at 0325	2/15/95 at 1128 2/16/95 at 1239	4.13	2.91	42	17	31	463	477	A,D,F
4/30/95 at 1755	1823/1926	.71	.71	<1	5	52	60	63	A,B
5/19/95 at 0520	0725	.52	.48	2	5	8	13	13	C,D,E,F
6/6/95 at 0150	0948/1254	1.22	1.12	13	2	3	106	141	A,D,F

[a]Rainfall from CRN24 (Site 34), except events of 8/5/94 and 12/4/94, when rainfall from CRN26 (Site 35) was used.

[b]Storm duration is defined as a period when rainfall does not stop for a time period greater than 4 hours.

[c]Number of dry days is defined as days that ≤0.10 inch of rainfall occurred.

[d]Rainfall from CRN26 (Site 35).

Table 51. Statistical summary of water-quality data at CSW02 (Site 41), May 1994 through June 1995

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
00061	INSTANTANEOUS DISCHARGE, (ft^3/s)	38	55.000	0.140	5.391	38.850	2.668	0.930	0.340	0.178
00010	WATER TEMPERATURE (°C)	30	26.500	5.000	16.083	26.500	19.500	16.250	14.000	5.000
90095	SPECIFIC CONDUCTANCE, LAB (µS/cm at 25 °C)	21	161.000	18.000	71.095	160.200	143.500	39.000	32.000	18.200
00095	SPECIFIC CONDUCTANCE, FIELD (µS/cm at 25 °C)	23	162.000	16.000	73.783	159.600	139.000	35.000	25.000	16.000
00403	pH, LAB (STANDARD pH UNITS)	21	6.900	5.600	--	6.900	6.700	6.300	6.200	5.610
00400	pH, FIELD (STANDARD pH UNITS)	19	7.000	6.300	--	7.000	6.800	6.600	6.400	6.300
90410	ALKALINITY, LAB (mg/L as $CaCO_3$)	21	61.000	3.000	21.271	60.400	49.000	7.800	5.300	3.100
80154	SUSPENDED SEDIMENT (mg/L)	25	486.000	7.000	82.600	432.900	114.000	43.000	20.000	7.600
00530	RESIDUE ON EVAPORATION AT 105 °C, SUSPENDED (mg/L)	3	17.000	9.000	--	--	--	--	--	--
00535	RESIDUE VOLATILE, SUSPENDED (mg/L)	25	123.000	1.000	18.000	106.800	22.500	9.000	4.000	1.000
70300	DISSOLVED SOLIDS, RESIDUE AT 180 °C (mg/L)	21	160.000	6.000	56.762	156.400	111.000	36.000	18.000	7.000
00310	5 DAY BIOCHEMICAL OXYGEN DEMAND (mg/L)	6	>30.000	2.000	13.617	30.000	27.000	10.200	2.975	2.000
00340	CHEMICAL OXYGEN DEMAND (mg/L)	21	250.000	<10.000	61.857	244.000	73.000	47.000	28.500	10.200
00625	NITROGEN AMMONIA + ORGANIC, TOTAL (mg/L as N)	23	4.100	0.300	1.091	3.900	1.500	0.800	0.400	0.300
00631	NO_2 + NO_3, DISSOLVED (mg/L as N)	23	1.300	0.100	0.490	1.260	0.800	0.370	0.180	0.102
00608	NITROGEN AMMONIA, DISSOLVED (mg/L as N)	23	1.300	0.070	0.297	1.300	0.360	0.190	0.110	0.072
00605	NITROGEN ORGANIC, TOTAL (mg/L as N)	23	2.800	0.160	0.793	2.600	1.300	0.590	0.310	0.168
00600	NITROGEN, TOTAL (mg/L as N)	23	5.400	0.540	1.584	5.120	1.900	1.200	0.920	0.548
00665	PHOSPHORUS, TOTAL (mg/L as P)	23	0.810	0.060	0.260	0.748	0.370	0.220	0.120	0.064
00671	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P)	23	0.700	0.030	0.151	0.620	0.230	0.120	0.050	0.032
00556	OIL AND GREASE, TOTAL (mg/L)	7	2.000	<1.000	--	2.000	1.000	<1.000	<1.000	<1.000
00680	CARBON ORGANIC, TOTAL (mg/L)	13	82.000	2.000	22.138	82.000	31.000	12.000	8.000	2.000
31679	FECAL STREPTOCOCCI COLIFORM, (Colonies per 100 ml)	9	91000.000	1100.000	41611.109	91000.000	67000.000	49000.000	6200.000	1100.000
31616	FECAL COLIFORM, (Colonies per 100 ml)	9	300000.000	540.000	86371.109	300000.000	180000.000	36000.000	3400.000	540.000
39330	ALDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39340	LINDANE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39350	CHLORDANE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39370	DDT, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39365	DDE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39360	DDD, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39380	DIELDRIN, TOTAL (µg/L)	2	0.010	<0.010	--	--	--	--	--	--
39388	ENDOSULFAN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39390	ENDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39410	HEPTACHLOR, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39420	HEPTACHLOR EPOXIDE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39516	PCB, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39400	TOXAPHENE, TOTAL (µg/L)	2	<1.000	<1.000	--	--	--	--	--	--
39034	PERTHANE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39570	DIAZINON, TOTAL (µg/L)	2	0.130	<0.010	--	--	--	--	--	--
39398	ETHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39530	MALATHION, TOTAL (µg/L)	2	0.030	<0.010	--	--	--	--	--	--
39600	METHYL PARATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39540	PARATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39786	TRITHION, TOTAL (µg/L)	2	0.010	<0.010	--	--	--	--	--	--
39250	PCN, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39480	METHOXYCHLOR, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39755	MIREX, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39011	DISYSTON, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39023	PHORATE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
38932	CHLORPYRIFOS, TOTAL (µg/L)	2	0.010	<0.010	--	--	--	--	--	--
39040	DEF, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
82614	FONOFOS, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
34210	ACROLEIN, TOTAL (µg/L)	1	<20.000	--	--	--	--	--	--	--
34215	ACRYLONITRILE, TOTAL (µg/L)	1	<20.000	--	--	--	--	--	--	--
34030	BENZENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
32104	BROMOFORM, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
32102	CARBON TETRACHLORIDE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34301	CHLOROBENZENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
32105	CHLORODIBROMOTHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34311	CHLOROETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
32106	CHLOROFORM, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34496	1,1-DICHLOROETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
32103	1,2-DICHLOROETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34501	1,1-DICHLOROETHYLENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34541	1,2-DICHLOROPROPANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34371	ETHYLBENZENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34413	METHYL BROMIDE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34423	METHYLENE CHLORIDE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34475	TETRACHLOROETHYLENE, TOTAL (µg/L)	6	1.300	<0.400	--	1.300	1.300	0.700	<2.000	<2.000
34010	TOLUENE, TOTAL (µg/L)	6	3.400	<0.400	1.175*	3.400	2.400	0.400	0.200	0.200
34546	1,2-TRANSDICHLOROETHENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34506	1,1,1-TRICHLOROETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34511	1,1,2-TRICHLOROETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
39180	TRICHLOROETHYLENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
39175	VINYL CHLORIDE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
30217	DIBROMOMETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
32101	DICHLOROBROMOMETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34668	DICHLORODIFLUOROMETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 51. Statistical summary of water-quality data at CSW02 (Site 41), May 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
34488	TRICHLOROFLUOROMETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77651	1,2-DIBROMOETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34418	METHYLCHLORIDE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.800	<0.200	<0.200	<0.200
34704	CIS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34699	TRANS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77128	STYRENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
81551	XYLENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
82625	DIBROMOCHLOROPROPANE, TOTAL (µg/L)	6	<10.000	<1.000	--	<10.000	<2.000	<1.000	<1.000	<1.000
77168	1,1-DICHLOROPROPENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77170	2,2-DICHLOROPROPANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77173	1,3-DICHLOROPROPANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77275	0-CHLOROTOLUENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77277	P-CHLOROTOLUENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77443	1,2,3-TRICHLOROPROPANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77562	1,1,1,2-TETRACHLOROETHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
78032	TERTBUTYL METHYL ETHER, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77297	BROMOCHLORO METHANE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77093	CIS-1,2-DICHLOROETHENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (µg/L)	6	<10.000	<1.000	--	<10.000	<2.000	<1.000	<1.000	<1.000
77223	ISOPROPYL BENZENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77224	N-PROPY BENZENE, TOTAL (µg/L)	6	0.600	<0.200	--	0.600	<2.000	<0.200	<0.200	<0.200
77353	TERTBUTYL BENZENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77222	PSEUDOCUMENE, TOTAL (µg/L)	6	6.800	<0.200	--	6.800	<2.000	<0.200	<0.200	<0.200
77350	SEC-BUTYL BENZENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77356	P-ISOPROPYL TOLUENE, TOTAL (µg/L)	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77342	N-BUTYL BENZENE, TOTAL (µg/L	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77613	1,2,3-TRICHLOROBENZENE, TOTAL (µg/L	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77652	FREON-113, TOTAL (µg/L	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
77226	MESITYLENE, TOTAL (µg/L	6	1.800	<0.200	--	1.800	<2.000	<0.200	<0.200	<0.200
81555	BROMOBENZENE, TOTAL (µg/L	6	<2.000	<0.200	--	<2.000	<0.400	<0.200	<0.200	<0.200
01097	ANTIMONY, TOTAL (µg/L as Sb)	14	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01002	ARSENIC, TOTAL (µg/L as As)	14	1.000	<1.000	--	1.000	<1.000	<1.000	<1.000	<1.000
01012	BERYLLIUM, TOTAL (µg/L as Be)	11	<10.000	<10.000	--	<10.000	<10.000	<10.000	<10.000	<10.000
01027	CADMIUM, TOTAL (µg/L as Cd)	11	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01034	CHROMIUM, TOTAL (µg/L as Cr)	14	9.000	<1.000	2.703*	9.000	3.000	2.000	1.000	<1.000
01042	COPPER, TOTAL (µg/L as Cu)	14	22.000	<1.000	7.789*	22.000	11.000	5.000	3.000	2.000
01051	LEAD, TOTAL (µg/L as Pb)	14	89.000	<1.000	17.255*	89.000	19.000	7.000	5.000	1.000
71900	MERCURY, TOTAL (µg/L as Hg)	11	0.100	<0.100	--	0.100	0.100	<0.100	<0.100	<0.100
01067	NICKEL, TOTAL (µg/L as Ni)	14	7.000	<1.000	2.532*	7.000	3.000	2.000	1.000	1.000
01147	SELENIUM, TOTAL (µg/L as Se)	11	1.000	<1.000	--	1.000	<1.000	<1.000	<1.000	<1.000
01077	SILVER, TOTAL (µg/L as Ag)	11	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01092	ZINC, TOTAL (µg/L as Zn)	14	250.000	10.000	85.000	250.000	125.000	65.000	20.000	10.000
00720	CYANIDE, TOTAL (mg/L as Cn)	11	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010
46342	ALACHLOR, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
04040	DEETHYLATRAZINE, DISSOLVED (µg/L)	1	<0.005	--	--	--	--	--	--	--
39632	ATRAZINE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82686	METHYL AZINPHOS, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
82673	BENFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
04028	BUTYLATE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82680	CARBARYL, DISSOLVED (µg/L)	1	0.005	--	--	--	--	--	--	--
82674	CARBOFURAN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
38933	CHLORPYRIFOS, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
04041	CYANAZINE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82682	DCPA, DISSOLVED (µg/L)	1	<0.004	--	--	--	--	--	--	--
34653	P,P' DDE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39572	DIAZINON, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
39381	DIELDRIN, DISSOLVED (µg/L)	1	0.010	--	--	--	--	--	--	--
82660	2,6-DIETHYL ANILINE, DISSOLVED (µg/L)	1	<0.006	--	--	--	--	--	--	--
82662	DIMETHOATE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82677	DISULFOTON, DISSOLVED (µg/L)	1	<0.060	--	--	--	--	--	--	--
82668	EPTC, DISSOLVED (µg/L)	1	<0.005	--	--	--	--	--	--	--
82663	ETHALFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82672	ETHOPROP, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
04095	FONOFOS, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
34253	ALPHA BHC, DISSOLVED (µg/L)	1	<0.007	--	--	--	--	--	--	--
39341	LINDANE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82666	LINURON, DISSOLVED (µg/L)	1	<0.040	--	--	--	--	--	--	--
39532	MALATHION, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82667	METHYL PARATHION, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
39415	METOLACHLOR, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
82630	METRIBUZIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82671	MOLINATE, DISSOLVED (µg/L)	1	<0.007	--	--	--	--	--	--	--
82684	NAPROPAMIDE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39542	ETHYL PARATHION, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82669	PEBULATE, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
82683	PENDIMETHALIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82687	PERMETHRIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82664	PHORATE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82676	PRONAMIDE, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
04037	PROMETON, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
04024	PROPACHLOR, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82679	PROPANIL, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 51. Statistical summary of water-quality data at CSW02 (Site 41), May 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
82685	PROPARGITE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
04035	SIMAZINE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82681	THIOBENCARB, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82670	TEBUTHIURON, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82665	TERBACIL, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
82675	TERBUFOS, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82678	TRIALLATE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82661	TRIFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39742	2,4,5-T, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39732	2,4-D, DISSOLVED (µg/L)	1	0.110	--	--	--	--	--	--	--
38746	2,4-DB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49315	ACIFLUORFEN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49312	ALDICARB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49313	ALDICARB SULFONE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49314	ALDICARB SULFOXIDE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38711	BENTAZON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
04029	BROMACIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49311	BROMOXYNIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49310	CARBARYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49309	CARBOFURAN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49308	3-HYDROXY-CARBOFURAN (µg/L)	1	<0.050	--	--	--	--	--	--	--
49307	CHLORAMBEN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49306	CHLOROTHALONIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49305	CLOPYRALID, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49304	DACTHALMONO-ACID, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38442	DICAMBA, DISSOLVED (µg/L)	1	0.070	--	--	--	--	--	--	--
49303	DICHLOBENIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49302	DICHLORPROP, DISSOLVED (µg/L)	1	0.210	--	--	--	--	--	--	--
49301	DINOSEB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49300	DIURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49299	4,6-DINITRO OCRESOL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49298	ESFENVALERATE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49297	FENURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38811	FLUOMETURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38478	LINURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38482	MCPA, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38487	MCPB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38501	METHIOCARB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49296	METHOMYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49295	1-NAPHTHOL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49294	NEBURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49293	NORFLURAZON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49292	ORYZALIN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38866	OXAMYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49291	PICLORAM, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49236	PROPHAM, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38538	PROPOXUR, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39762	SILVEX, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49235	TRICLOPYR, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39057	PROMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39056	PROMETONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39054	SIMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
81757	CYANAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
77825	ALACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82611	METRIBUZIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30311	TERBACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30245	CARBOXIN, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30264	HEXAZINONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30235	BUTACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30236	BUTYLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75981	DEETHYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39630	ATRAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39055	SIMAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39024	PROPAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82184	AMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39030	TRIFLURALIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82612	METOLACHLOR, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30234	BROMACIL, TOTAL (µg/L)	1	0.300	--	--	--	--	--	--	--
30255	DIPHENAMID, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30324	VERNOLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30254	CYCLOATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30295	PROPACHLOR, TOTAL (µg/L)	1	0.100	--	--	--	--	--	--	--
75980	DEISOPROPYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39730	2,4-D, TOTAL (µg/L)	1	2.400	--	--	--	--	--	--	--
39760	SILVEX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39720	PICLORAM, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39740	2,4,5-T, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82183	2,4-DP, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82052	DICAMBA, TOTAL (µg/L)	1	0.380	--	--	--	--	--	--	--
39750	SEVIN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39051	METHOMYL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 51. Statistical summary of water-quality data at CSW02 (Site 41), May 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
82619	ALDICARD, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30296	PROPOXUR, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39052	PROPHAM, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82615	CARBOFURAN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
77441	1-NAPHTHOL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30282	METHIOCARB, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

DATE	TIME	RAIN FALL[1] ACCUM (IN) (00045)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH WATER WHOLE LAB (STAN-DARD UNITS) (00403)	PH WATER WHOLE FIELD (STAN-DARD UNITS) (00400)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
MAY 1994										
03...	1600	1.15	0.25	--	153	148	6.9	--	52	9
03...	1621	1.15	0.34	--	149	145	6.7	--	49	15
03...	1632	1.15	0.21	--	151	147	6.7	--	49	17
JUL										
11...	1544	0.41	0.18	--	152	150	6.9	7.0	55	7
11...	1552	0.41	0.75	--	--	--	--	--	--	--
11...	1602	0.41	11	--	39	35	5.6	6.3	5.4	156
11...	1620	0.41	0.93	--	32	30	5.7	6.4	4.0	45
11...	1705	0.41	0.14	--	35	34	5.9	6.4	4.9	27
OCT										
03...	0730	0.09	0.34	19.5	--	162	--	--	--	--
NOV										
21...	0639	0.55	0.93	15.0	35	33	5.8	6.4	7.0	43
21...	0933	0.55	1.3	16.0	33	30	6.2	6.6	7.5	20
21...	1036	0.55	0.18	16.0	44	33	6.2	6.7	12	25
DEC										
10...	2040	0.30	0.24	14.0	--	--	--	--	--	--
JAN 1995										
13...	2238	2.10	1.4	14.0	138	138	6.8	6.6	50	65
13...	2338	2.10	4.2	14.5	20	18	6.3	6.8	7.8	111
14...	0832	2.10	0.27	14.5	108	113	6.8	6.8	30	28
14...	1213	2.10	38	17.0	32	25	6.3	6.6	7.1	309
14...	1300	2.10	2.2	16.0	63	60	6.6	6.8	13	52
FEB										
10...	0925	0.47	0.56	5.5	--	--	--	--	--	--
10...	0948	0.47	0.36	5.0	--	139	--	6.5	--	35
10...	1005	0.47	0.32	5.0	--	--	--	--	--	--
15...	1150	2.53	0.51	6.0	--	--	--	--	--	--
APR										
12...	1606	0.26	0.68	18.0	--	--	--	--	--	--
21...	0806	0.11	1.5	16.5	161	--	6.4	--	61	104
21...	0813	0.11	1.5	18.5	--	--	--	--	--	--
24...	0040	0.41	55	10.0	32	--	6.3	--	7.6	486
24...	0052	0.41	2.4	9.5	28	--	6.3	--	3.0	124
MAY										
01...	2158	1.65	1.5	16.0	--	--	--	--	--	--
JUN										
19...	0744	1.25	0.40	18.5	--	139	--	6.8	--	9
19...	0812	1.25	5.0	21.0	29	23	6.4	6.6	5.2	117
19...	1444	1.25	5.0	20.0	--	16	--	6.3	--	31
19...	1519	1.25	1.5	20.0	--	25	--	6.4	--	20
19...	1544	1.25	31	19.0	18	16	6.3	6.3	5.2	166
19...	1557	1.25	3.5	19.0	--	--	--	--	--	--
19...	1616	1.25	1.1	19.5	41	38	6.3	6.7	11	44
28...	1609	1.23	0.44	26.0	--	--	--	--	--	--
28...	1758	1.23	29	26.5	--	--	--	--	--	--
28...	1847	1.23	0.75	26.5	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).

[1]Total for the storm event (table 43).

Table 51. Statistical summary of water-quality data at CSW02 (Site 41), May 1994 through June 1995—Continued

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
MAY 1994										
03...	9	1	120	--	<10	2.0	0.680	0.400	1.6	2.7
03...	14	7	118	--	34	0.80	0.910	0.200	0.60	1.7
03...	17	5	124	--	26	0.80	1.10	0.240	0.56	1.9
JUL										
11...	--	1	112	--	12	0.30	1.10	0.100	0.20	1.4
11...	--	--	--	--	--	--	--	--	--	--
11...	--	2	6	--	83	1.7	0.370	0.410	1.3	2.1
11...	--	9	16	--	47	1.0	0.260	0.250	0.75	1.3
11...	--	<1	24	--	47	0.90	0.300	0.250	0.65	1.2
OCT										
03...	--	--	--	--	--	--	--	--	--	--
NOV										
21...	--	15	30	--	59	0.60	0.350	0.290	0.31	0.95
21...	--	9	20	--	43	0.50	0.180	0.180	0.32	0.68
21...	--	9	38	--	40	0.40	0.230	0.120	0.28	0.63
DEC										
10...	--	--	--	--	--	--	--	--	--	--
JAN 1995										
13...	--	16	110	--	37	0.30	0.800	0.140	0.16	1.1
13...	--	30	22	--	66	0.80	0.100	0.150	0.65	0.90
14...	--	7	86	--	31	0.40	0.530	0.190	0.21	0.93
14...	--	69	36	--	80	1.9	0.110	0.110	1.8	2.0
14...	--	10	66	--	61	0.80	0.390	0.120	0.68	1.2
FEB										
10...	--	--	--	--	--	--	--	--	--	--
10...	--	7	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--
APR										
12...	--	--	--	--	--	--	--	--	--	--
21...	--	34	160	>30	250	4.1	1.30	1.30	2.8	5.4
21...	--	--	--	--	--	--	--	--	--	--
24...	--	123	16	>26	190	3.1	0.940	1.30	1.8	4.0
24...	--	33	16	15	81	1.0	0.410	0.410	0.59	1.4
MAY										
01...	--	--	--	--	--	--	--	--	--	--
JUN										
19...	--	2	--	--	--	--	--	--	--	--
19...	--	18	20	5.4	51	0.80	0.410	0.360	0.44	1.2
19...	--	5	--	--	--	0.40	0.140	0.090	0.31	0.54
19...	--	3	--	--	--	0.40	0.180	0.080	0.32	0.58
19...	--	27	16	3.3	25	1.5	0.150	0.070	1.4	1.7
19...	--	--	--	--	--	--	--	--	--	--
19...	--	7	36	2.0	26	0.60	0.320	0.080	0.52	0.92
28...	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 43).

Table 51. Statistical summary of water-quality data at CSW02 (Site 41), May 1994 through June 1995—Continued

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD) (01027)
MAY 1994										
03...	0.410	0.140	1	--	--	--	<1	<1	<10	<1
03...	0.160	0.050	--	38	--	--	<1	<1	<10	<1
03...	0.160	0.070	--	--	--	--	--	--	--	--
JUL										
11...	0.100	0.040	--	2.0	--	--	<1	<1	<10	<1
11...	--	--	<1	--	--	--	--	--	--	--
11...	0.400	0.190	--	24	--	--	<1	<1	<10	<1
11...	0.250	0.160	--	--	--	--	--	--	--	--
11...	0.210	0.150	--	--	--	--	--	--	--	--
OCT										
03...	--	--	<1	--	--	--	--	--	--	--
NOV										
21...	0.330	0.300	--	14	--	--	<1	<1	<10	<1
21...	0.250	0.240	--	11	--	--	<1	<1	<10	<1
21...	0.260	0.270	--	--	--	--	--	--	--	--
DEC										
10...	--	--	<1	--	--	--	--	--	--	--
JAN 1995										
13...	0.080	0.030	<1	8.4	--	--	<1	<1	<10	<1
13...	0.220	0.050	--	4.8	--	--	<1	<1	<10	<1
14...	0.060	0.040	--	--	--	--	--	--	--	--
14...	0.490	0.120	--	21	--	--	<1	1	<10	<1
14...	0.290	0.230	--	--	--	--	--	--	--	--
FEB										
10...	--	--	--	--	K1100	K540	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	K1400	K900	--	--	--	--
15...	--	--	--	--	K11000	5900	--	--	--	--
APR										
12...	--	--	--	--	--	--	--	--	--	--
21...	0.810	0.700	--	52	--	--	<1	<1	<10	<1
21...	--	--	2	82	K91000	250000	--	--	--	--
24...	0.500	0.250	--	11	--	--	<1	<1	<10	<1
24...	0.120	0.080	--	--	--	--	--	--	--	--
MAY										
01...	--	--	--	--	K68000	K36000	--	--	--	--
JUN										
19...	--	--	--	--	--	--	--	--	--	--
19...	0.140	0.070	--	12	--	--	<1	<1	--	--
19...	0.080	0.050	--	--	--	--	<1	<1	--	--
19...	0.110	0.060	--	--	--	--	--	--	--	--
19...	0.370	0.060	--	7.6	--	--	<1	<1	--	--
19...	--	--	--	--	61000	K110000	--	--	--	--
19...	0.190	0.120	--	--	--	--	--	--	--	--
28...	--	--	<1	--	49000	300000	--	--	--	--
28...	--	--	--	--	66000	47000	--	--	--	--
28...	--	--	--	--	26000	27000	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 43).

Table 51. Statistical summary of water-quality data at CSW02 (Site 41), May 1994 through June 1995—Continued

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
MAY 1994									
03...	1	2	1	0.10	1	<1	<1	10	<0.010
03...	<1	3	2	0.10	1	<1	<1	20	<0.010
03...	--	--	--	--	--	--	--	--	--
JUL									
11...	<1	<1	<1	<0.10	<1	<1	<1	20	<0.010
11...	--	--	--	--	--	--	--	--	--
11...	4	16	26	0.10	5	<1	<1	190	<0.010
11...	--	--	--	--	--	--	--	--	--
11...	--	--	--	--	--	--	--	--	--
OCT									
03...	--	--	--	--	--	--	--	--	--
NOV									
21...	1	5	7	<0.10	2	<1	<1	60	<0.010
21...	1	5	6	<0.10	1	<1	<1	50	<0.010
21...	--	--	--	--	--	--	--	--	--
DEC									
10...	--	--	--	--	--	--	--	--	--
JAN 1995									
13...	2	3	7	<0.10	2	<1	<1	50	<0.010
13...	3	5	19	<0.10	3	<1	<1	90	<0.010
14...	--	--	--	--	--	--	--	--	--
14...	6	8	34	<0.10	3	<1	<1	120	<0.010
14...	--	--	--	--	--	--	--	--	--
FEB									
10...	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
APR									
12...	--	--	--	--	--	--	--	--	--
21...	3	17	16	<0.10	4	<1	<1	140	<0.010
21...	--	--	--	--	--	--	--	--	--
24...	9	22	89	<0.10	7	1	<1	250	<0.010
24...	--	--	--	--	--	--	--	--	--
MAY									
01...	--	--	--	--	--	--	--	--	--
JUN									
19...	--	--	--	--	--	--	--	--	--
19...	3	11	14	--	3	--	--	100	--
19...	1	4	5	--	1	--	--	20	--
19...	--	--	--	--	--	--	--	--	--
19...	3	7	15	--	2	--	--	70	--
19...	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 43).

Table 52. Statistical summary of water-quality data at CSW03 (Site 40), July 1994 through June 1995

PARAMETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
00061	INSTANTANEOUS DISCHARGE, (ft^3/s)	24	5.200	0.007	0.570	4.550	0.487	0.180	0.042	0.008
00010	WATER TEMPERATURE (°C)	24	24.500	2.000	14.396	24.500	21.500	15.750	7.375	2.375
90095	SPECIFIC CONDUCTANCE, LAB (µS/cm at 25 °C)	17	309.000	19.000	86.824	309.000	125.000	70.000	36.000	19.000
00095	SPECIFIC CONDUCTANCE, FIELD (µS/cm at 25 °C)	13	317.000	13.000	81.615	317.000	114.500	64.000	24.500	13.000
00403	pH, LAB (STANDARD pH UNITS)	17	7.400	5.900	--	7.400	6.500	6.100	6.000	5.900
00400	pH, FIELD (STANDARD pH UNITS)	13	7.400	6.200	--	7.400	6.800	6.600	6.400	6.200
90410	ALKALINITY, LAB (mg/L as $CaCO_3$)	17	120.000	2.800	18.100	120.000	17.500	11.000	6.350	2.800
80154	SUSPENDED SEDIMENT (mg/L)	18	1560.000	14.000	344.389	1560.000	444.750	148.000	51.500	14.000
00535	RESIDUE VOLATILE, SUSPENDED (mg/L)	18	586.000	3.000	88.278	586.000	89.250	37.000	15.250	3.000
70300	DISSOLVED SOLIDS, RESIDUE AT 180 °C (mg/L)	17	192.000	14.000	67.765	192.000	101.000	62.000	25.000	14.000
00310	5 DAY BIOCHEMICAL OXYGEN DEMAND (mg/L)	7	43.000	5.900	18.843	43.000	37.000	14.000	6.400	5.900
00340	CHEMICAL OXYGEN DEMAND (mg/L)	17	480.000	44.000	123.706	480.000	165.000	97.000	55.500	44.000
00625	NITROGEN AMMONIA + ORGANIC, TOTAL (mg/L as N)	18	6.600	0.600	2.306	6.600	2.625	2.000	1.275	0.600
00631	$NO_2 + NO_3$, DISSOLVED (mg/L as N)	18	2.700	0.180	1.013	2.700	1.425	0.740	0.433	0.180
00608	NITROGEN AMMONIA, DISSOLVED (mg/L as N)	18	4.500	0.080	0.904	4.500	0.870	0.495	0.300	0.080
00605	NITROGEN ORGANIC, TOTAL (mg/L as N)	18	3.800	0.410	1.397	3.800	1.950	1.250	0.777	0.410
00600	NITROGEN, TOTAL (mg/L as N)	18	8.000	0.800	3.322	8.000	4.150	2.950	2.000	0.800
00665	PHOSPHORUS, TOTAL (mg/L as P)	18	1.300	0.060	0.486	1.300	0.543	0.510	0.265	0.060
00671	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P)	18	0.790	0.050	0.279	0.790	0.440	0.205	0.095	0.050
00556	OIL AND GREASE, TOTAL (mg/L)	2	3.000	<1.000	--	--	--	--	--	--
00680	CARBON ORGANIC, TOTAL (mg/L)	9	76.000	11.000	30.667	76.000	41.500	23.000	14.000	11.000
31679	FECAL STREPTOCOCCI COLIFORM, (Colonies per 100 ml)	7	640000.000	3700.000	136914.281	640000.000	200000.000	33000.000	7700.000	3700.000
31616	FECAL COLIFORM, (Colonies per 100 ml)	7	590000.000	810.000	142544.281	590000.000	320000.000	32000.000	10000.000	810.000
39330	ALDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39340	LINDANE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39350	CHLORDANE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39370	DDT, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39365	DDE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39360	DDD, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39380	DIELDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39388	ENDOSULFAN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39390	ENDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39410	HEPTACHLOR, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39420	HEPTACHLOR EPOXIDE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39516	PCB, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39400	TOXAPHENE, TOTAL (µg/L)	1	<1.000	--	--	--	--	--	--	--
39034	PERTHANE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39570	DIAZINON, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39398	ETHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39530	MALATHION, TOTAL (µg/L)	1	0.010	--	--	--	--	--	--	--
39600	METHYL PARATHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39540	PARATHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39786	TRITHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39250	PCN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39480	METHOXYCHLOR, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39755	MIREX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39011	DISYSTON, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39023	PHORATE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
38932	CHLORPYRIFOS, TOTAL (µg/L)	1	0.060	--	--	--	--	--	--	--
39040	DEF, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82614	FONOFOS, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
34030	BENZENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
32104	BROMOFORM, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
32102	CARBON TETRACHLORIDE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34301	CHLOROBENZENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
32105	CHLORODIBROMOTHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34311	CHLOROETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
32106	CHLOROFORM, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34496	1,1-DICHLOROETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
32103	1,2-DICHLOROETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34501	1,1-DICHLOROETHYLENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34541	1,2-DICHLOROPROPANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34371	ETHYLBENZENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34413	METHYL BROMIDE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34423	METHYLENE CHLORIDE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34475	TETRACHLOROETHYLENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34010	TOLUENE, TOTAL (µg/L)	2	0.900	<0.200	--	--	--	--	--	--
34546	1,2-TRANSDICHLOROETHENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34506	1,1,1-TRICHLOROETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34511	1,1,2-TRICHLOROETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
39180	TRICHLOROETHYLENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
39175	VINYL CHLORIDE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
30217	DIBROMOMETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
32101	DICHLOROBROMOMETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34668	DICHLORODIFLUOROMETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34488	TRICHLOROFLUOROMETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 52. Statistical summary of water-quality data at CSW03 (Site 40), July 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
77651	1,2-DIBROMOETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34418	METHYLCHLORIDE, TOTAL (µg/L)	2	<0.400	<0.200	--	--	--	--	--	--
34704	CIS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34699	TRANS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77128	STYRENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
81551	XYLENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
82625	DIBROMOCHLOROPROPANE, TOTAL (µg/L)	2	<1.000	<1.000	--	--	--	--	--	--
77168	1,1-DICHLOROPROPENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77170	2,2-DICHLOROPROPANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77173	1,3-DICHLOROPROPANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77275	0-CHLOROTOLUENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77277	P-CHLOROTOLUENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77443	1,2,3-TRICHLOROPROPANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77562	1,1,1,2-TETRACHLOROETHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
78032	TERTBUTYL METHYL ETHER, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77297	BROMOCHLORO METHANE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77093	CIS-1,2-DICHLOROETHENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (µg/L)	2	<1.000	<1.000	--	--	--	--	--	--
77223	ISOPROPYL BENZENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77224	N-PROPY BENZENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77353	TERTBUTYL BENZENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77222	PSEUDOCUMENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77350	SEC-BUTYL BENZENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77356	P-ISOPROPYL TOLUENE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77342	N-BUTYL BENZENE, TOTAL (µg/L	2	<0.200	<0.200	--	--	--	--	--	--
77613	1,2,3-TRICHLOROBENZENE, TOTAL (µg/L	2	<0.200	<0.200	--	--	--	--	--	--
77652	FREON-113, TOTAL (µg/L	2	<0.200	<0.200	--	--	--	--	--	--
77226	MESITYLENE, TOTAL (µg/L	2	<0.200	<0.200	--	--	--	--	--	--
81555	BROMOBENZENE, TOTAL (µg/L	2	<0.200	<0.200	--	--	--	--	--	--
01097	ANTIMONY, TOTAL (µg/L as Sb)	11	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01002	ARSENIC, TOTAL (µg/L as As)	11	3.000	<1.000	1.259*	3.000	2.000	<1.000	<1.000	<1.000
01012	BERYLLIUM, TOTAL (µg/L as Be)	9	<10.000	<10.000	--	<10.000	<10.000	<10.000	<10.000	<10.000
01027	CADMIUM, TOTAL (µg/L as Cd)	9	1.000	<1.000	--	1.000	<1.000	<1.000	<1.000	<1.000
01034	CHROMIUM, TOTAL (µg/L as Cr)	11	20.000	2.000	8.727	20.000	18.000	6.000	4.000	2.000
01042	COPPER, TOTAL (µg/L as Cu)	11	50.000	3.000	15.000	50.000	17.000	8.000	5.000	3.000
01051	LEAD, TOTAL (µg/L as Pb)	11	160.000	6.000	29.909	160.000	30.000	13.000	8.000	6.000
71900	MERCURY, TOTAL (µg/L as Hg)	9	0.100	<0.100	--	0.100	<0.100	<0.100	<0.100	<0.100
01067	NICKEL, TOTAL (µg/L as Ni)	11	23.000	3.000	8.727	23.000	9.000	8.000	4.000	3.000
01147	SELENIUM, TOTAL (µg/L as Se)	9	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01077	SILVER, TOTAL (µg/L as Ag)	9	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01092	ZINC, TOTAL (µg/L as Zn)	11	490.000	40.000	114.545	490.000	120.000	60.000	50.000	40.000
00720	CYANIDE, TOTAL (mg/L as Cn)	9	0.010	<0.010	--	0.010	<0.010	<0.010	<0.010	<0.010
39057	PROMETRYNE, TOTAL (µg/L)	1	0.100	--	--	--	--	--	--	--
39056	PROMETONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39054	SIMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
81757	CYANAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
77825	ALACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82611	METRIBUZIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30311	TERBACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30245	CARBOXIN, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30264	HEXAZINONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30235	BUTACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30236	BUTYLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75981	DEETHYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39630	ATRAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39055	SIMAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39024	PROPAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82184	AMETRYNE, TOTAL (µg/L)	1	0.100	--	--	--	--	--	--	--
39030	TRIFLURALIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82612	METOLACHLOR, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30234	BROMACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30255	DIPHENAMID, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30324	VERNOLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30254	CYCLOATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30295	PROPACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75980	DEISOPROPYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39730	2,4-D, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39760	SILVEX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39720	PICLORAM, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39740	2,4,5-T, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82183	2,4-DP, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82052	DICAMBA, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39750	SEVIN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39051	METHOMYL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82619	ALDICARD, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30296	PROPOXUR, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39052	PROPHAM, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82615	CARBOFURAN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
77441	1-NAPHTHOL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30282	METHIOCARB, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 52. Statistical summary of water-quality data at CSW03 (Site 40), July 1994 through June 1995—Continued

DATE	TIME	RAIN FALL[1] ACCUM (IN) (00045)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH WATER WHOLE LAB (STAN-DARD UNITS) (00403)	PH WATER WHOLE FIELD (STAN-DARD UNITS) (00400)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUL 1994										
27...	2233	0.79	0.06	24.5	41	--	6.0	--	3.9	72
27...	2250	0.79	0.18	24.5	26	--	5.9	--	3.3	55
NOV										
21...	0633	0.40	0.04	15.0	97	109	6.0	6.4	24	108
21...	0928	0.40	0.16	16.0	64	64	6.0	6.4	16	67
21...	1000	0.40	0.03	16.0	117	120	6.0	6.7	18	41
21...	1025	0.40	0.01	16.0	137	141	6.0	6.8	21	28
JAN 1995										
06...	1916	0.97	0.02	5.5	71	68	6.5	6.6	11	188
06...	2040	0.97	0.36	3.5	28	24	6.3	6.5	17	1560
06...	2226	0.97	0.73	2.0	31	25	6.1	6.3	6.1	321
07...	0617	0.97	0.01	7.0	309	317	7.4	7.4	120	14
19...	2036	0.22	0.20	11.0	--	15	--	--	--	--
FEB										
10...	0949	0.12	0.01	3.5	--	--	--	6.9	--	18
15...	1052	2.28	0.05	5.5	--	--	--	--	--	--
APR										
24...	0040	0.36	2.6	8.5	--	--	--	--	--	1210
24...	0049	0.36	0.39	9.5	133	--	6.1	--	11	362
24...	0052	0.36	0.21	9.5	153	--	6.3	--	11	253
30...	1936	0.61	0.18	21.5	--	--	--	--	--	--
30...	1940	0.61	0.06	21.5	--	--	--	--	--	--
30...	2000	0.61	0.52	20.0	64	--	6.0	--	2.8	--
MAY										
01...	2134	1.68	5.2	15.5	--	--	--	--	--	618
JUN										
19...	1353	0.80	0.18	20.0	19	13	6.5	6.7	6.6	--
28...	1734	1.69	1.5	23.5	44	38	6.4	6.2	7.0	387
28...	1752	1.69	0.69	23.0	70	63	7.3	6.6	14	792
28...	1814	1.69	0.29	23.0	72	64	6.6	6.8	15	105

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL, (HIGH LEVEL) (MG/L) (00340)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
JUL 1994										
27...	--	29	36	--	88	2.0	0.720	0.480	1.5	2.7
27...	--	19	24	--	54	1.2	0.480	0.320	0.88	1.7
NOV										
21...	--	32	94	--	160	2.0	2.60	1.20	0.80	4.6
21...	--	29	62	--	120	0.60	0.200	0.190	0.41	0.80
21...	--	16	96	--	110	1.4	1.50	0.900	0.50	2.9
21...	--	12	114	--	97	1.8	1.90	0.860	0.94	3.7
JAN 1995										
06...	--	77	50	--	180	2.6	1.30	0.510	2.1	3.9
06...	--	586	14	--	480	0.80	0.410	0.310	0.49	1.2
06...	--	88	26	--	71	2.1	0.370	0.200	1.9	2.5
07...	--	3	192	--	50	1.3	2.70	0.590	0.71	4.0
19...	--	--	--	--	--	--	--	--	--	--
FEB										
10...	--	5	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--
APR										
24...	--	264	--	--	--	2.7	0.440	0.480	2.2	3.1
24...	--	86	106	43	170	5.4	1.30	3.70	1.7	6.7
24...	--	57	124	37	170	6.6	1.40	4.50	2.1	8.0
30...	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--
30...	--	--	62	16	96	--	--	--	--	--
MAY										
01...	--	138	--	--	--	4.5	0.520	0.710	3.8	5.0
JUN										
19...	--	--	14	5.9	57	1.0	0.180	0.080	0.92	1.2
28...	--	42	24	6.4	44	2.1	0.580	0.560	1.5	2.7
28...	--	93	62	14	110	2.1	0.880	0.420	1.7	3.0
28...	--	13	52	9.6	46	1.3	0.760	0.270	1.0	2.1

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 44).

Table 52. Statistical summary of water-quality data at CSW03 (Site 40), July 1994 through June 1995—Continued

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD) (01027)
JUL 1994										
27...	0.430	0.200	--	23	--	--	<1	2	<10	<1
27...	0.220	0.100	--	13	--	--	<1	<1	<10	<1
NOV										
21...	0.980	0.790	--	47	--	--	<1	<1	<10	<1
21...	0.280	0.240	--	36	30000	K10000	<1	<1	<10	<1
21...	0.520	0.530	--	--	33000	32000	--	--	--	--
21...	0.530	0.530	--	--	44000	33000	--	--	--	--
JAN 1995										
06...	0.340	0.150	--	35	--	--	<1	3	<10	<1
06...	0.060	0.060	--	76	--	--	<1	2	<10	1
06...	0.540	0.170	--	20	--	--	<1	<1	<10	<1
07...	0.140	0.080	--	--	--	--	--	--	--	--
19...	--	--	3	--	--	--	--	--	--	--
FEB										
10...	--	--	--	--	3700	K810	--	--	--	--
15...	--	--	--	--	K7700	K12000	--	--	--	--
APR										
24...	0.500	0.070	--	--	--	--	<1	2	<10	<1
24...	0.540	0.430	--	--	--	--	--	--	--	--
24...	0.690	0.470	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--
MAY										
01...	1.30	0.150	--	--	--	--	<1	1	<10	<1
JUN										
19...	0.200	0.050	--	11	--	--	<1	<1	--	--
28...	0.550	0.210	--	15	--	--	<1	<1	--	--
28...	0.520	0.410	<1	--	640000	590000	--	--	--	--
28...	0.400	0.380	--	--	K200000	320000	--	--	--	--

DATE	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
JUL 1994									
27...	6	5	9	0.10	14	<1	<1	60	<0.010
27...	4	3	6	0.10	7	<1	<1	40	<0.010
NOV									
21...	3	8	8	<0.10	4	<1	<1	50	<0.010
21...	2	5	6	<0.10	3	<1	<1	40	<0.010
21...	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--
JAN 1995									
06...	5	8	27	<0.10	8	<1	<1	120	0.010
06...	18	50	160	<0.10	23	<1	<1	490	<0.010
06...	20	12	30	<0.10	9	<1	<1	60	<0.010
07...	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--
FEB									
10...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
APR									
24...	18	35	13	<0.10	4	<1	<1	200	<0.010
24...	--	--	--	--	--	--	--	--	--
24...	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--
MAY									
01...	8	16	39	<0.10	9	<1	<1	90	<0.010
JUN									
19...	6	17	13	--	7	--	--	60	--
28...	6	6	18	--	8	--	--	50	--
28...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 44).

Table 53. Statistical summary of water-quality data at CSW04 (Site 42), May 1994 through June 1995

PARAMETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
00061	INSTANTANEOUS DISCHARGE, (ft^3/s)	37	73.000	0.130	7.366	46.900	10.950	2.000	0.515	0.175
00010	WATER TEMPERATURE (°C)	30	20.500	2.500	13.933	20.225	19.500	15.500	9.875	2.500
90095	SPECIFIC CONDUCTANCE, LAB (µS/cm at 25 °C)	23	232.000	30.000	91.000	226.800	140.000	69.000	43.000	30.800
00095	SPECIFIC CONDUCTANCE, FIELD (µS/cm at 25 °C)	19	214.000	27.000	91.263	214.000	140.000	70.000	40.000	27.000
00403	pH, LAB (STANDARD pH UNITS)	23	7.000	5.700	--	6.980	6.700	6.400	6.200	5.760
00400	pH, FIELD (STANDARD pH UNITS)	18	7.300	6.500	--	7.300	7.000	6.800	6.775	6.500
90410	ALKALINITY, LAB (mg/L as $CaCO_3$)	23	73.000	6.500	23.370	71.200	35.000	15.000	9.000	6.600
80154	SUSPENDED SEDIMENT (mg/L)	25	1500.000	23.000	213.040	1272.601	180.000	74.000	54.000	25.100
00530	RESIDUE ON EVAPORATION AT 105 °C, SUSPENDED (mg/L)	3	158.000	57.000	--	--	--	--	--	--
00535	RESIDUE VOLATILE, SUSPENDED (mg/L)	25	172.000	5.000	30.640	156.700	28.500	15.000	10.500	5.300
70300	DISSOLVED SOLIDS, RESIDUE AT 180 °C (mg/L)	23	146.000	1.000	65.696	145.600	92.000	60.000	32.000	3.600
00310	5 DAY BIOCHEMICAL OXYGEN DEMAND (mg/L)	8	>42.000	3.800	16.750	42.000	29.750	11.600	3.900	3.800
00340	CHEMICAL OXYGEN DEMAND (mg/L)	23	220.000	32.000	79.696	212.000	90.000	63.000	41.000	32.400
00625	NITROGEN AMMONIA + ORGANIC, TOTAL (mg/L as N)	23	8.400	0.400	1.843	7.820	1.700	1.100	1.000	0.480
00631	NO_2 + NO_3, DISSOLVED (mg/L as N)	23	1.700	0.180	0.553	1.544	0.780	0.490	0.300	0.180
00608	NITROGEN AMMONIA, DISSOLVED (mg/L as N)	23	2.900	0.100	0.395	2.458	0.430	0.240	0.130	0.100
00605	NITROGEN ORGANIC, TOTAL (mg/L as N)	23	5.500	0.250	1.443	5.400	1.400	0.900	0.740	0.302
00600	NITROGEN, TOTAL (mg/L as N)	23	10.000	1.000	2.396	9.180	2.500	1.800	1.300	1.040
00665	PHOSPHORUS, TOTAL (mg/L as P)	23	1.200	0.080	0.439	1.130	0.580	0.320	0.240	0.096
00671	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P)	23	0.770	0.020	0.262	0.760	0.390	0.170	0.110	0.028
00556	OIL AND GREASE, TOTAL (mg/L)	7	3.000	<1.000	--	3.000	2.000	<1.000	<1.000	<1.000
00680	CARBON ORGANIC, TOTAL (mg/L)	13	49.000	9.100	20.623	49.000	27.500	15.000	12.000	9.100
31679	FECAL STREPTOCOCCI COLIFORM, (Colonies per 100 ml)	12	300000.000	2700.000	89066.672	300000.000	174750.000	37000.000	13250.000	2700.000
31616	FECAL COLIFORM, (Colonies per 100 ml)	12	>700000.000	900.000	121508.328	700000.000	91750.000	54500.000	14575.000	900.000
39330	ALDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39340	LINDANE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39350	CHLORDANE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39370	DDT, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39365	DDE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39360	DDD, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39380	DIELDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39388	ENDOSULFAN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39390	ENDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39410	HEPTACHLOR, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39420	HEPTACHLOR EPOXIDE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39516	PCB, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39400	TOXAPHENE, TOTAL (µg/L)	2	<1.000	<1.000	--	--	--	--	--	--
39034	PERTHANE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39570	DIAZINON, TOTAL (µg/L)	2	0.060	0.020	--	--	--	--	--	--
39398	ETHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39530	MALATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39600	METHYL PARATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39540	PARATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39786	TRITHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39250	PCN, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39480	METHOXYCHLOR, TOTAL (µg/L)	2	0.010	<0.010	--	--	--	--	--	--
39755	MIREX, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39011	DISYSTON, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39023	PHORATE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
38932	CHLORPYRIFOS, TOTAL (µg/L)	2	0.010	<0.010	--	--	--	--	--	--
39040	DEF, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
82614	FONOFOS, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
34210	ACROLEIN, TOTAL (µg/L)	2	<20.000	<20.000	--	--	--	--	--	--
34215	ACRYLONITRILE, TOTAL (µg/L)	2	<20.000	<20.000	--	--	--	--	--	--
34030	BENZENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
32104	BROMOFORM, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
32102	CARBON TETRACHLORIDE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34301	CHLOROBENZENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
32105	CHLORODIBROMOTHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34311	CHLOROETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
32106	CHLOROFORM, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34496	1,1-DICHLOROETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
32103	1,2-DICHLOROETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34501	1,1-DICHLOROETHYLENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34541	1,2-DICHLOROPROPANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34371	ETHYLBENZENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34413	METHYL BROMIDE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34423	METHYLENE CHLORIDE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34475	TETRACHLOROETHYLENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34010	TOLUENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34546	1,2-TRANSDICHLOROETHENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34506	1,1,1-TRICHLOROETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34511	1,1,2-TRICHLOROETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
39180	TRICHLOROETHYLENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
39175	VINYL CHLORIDE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 53. Statistical summary of water-quality data at CSW04 (Site 42), May 1994 through June 1995—Continued

PARAMETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
30217	DIBROMOMETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
32101	DICHLOROBROMOMETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34668	DICHLORODIFLUOROMETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34488	TRICHLOROFLUOROMETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77651	1,2-DIBROMOETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34418	METHYLCHLORIDE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.400	<0.200	<0.200	<0.200
34704	CIS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34699	TRANS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77128	STYRENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
81551	XYLENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
82625	DIBROMOCHLOROPROPANE, TOTAL (µg/L)	8	<40.000	<1.000	--	<40.000	<1.000	<1.000	<1.000	<1.000
77168	1,1-DICHLOROPROPENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77170	2,2-DICHLOROPROPANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77173	1,3-DICHLOROPROPANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77275	0-CHLOROTOLUENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77277	P-CHLOROTOLUENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77443	1,2,3-TRICHLOROPROPANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77562	1,1,1,2-TETRACHLOROETHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
78032	TERTBUTYL METHYL ETHER, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77297	BROMOCHLORO METHANE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77093	CIS-1,2-DICHLOROETHENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (µg/L)	8	<40.000	<1.000	--	<40.000	<1.000	<1.000	<1.000	<1.000
77223	ISOPROPYL BENZENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77224	N-PROPY BENZENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77353	TERTBUTYL BENZENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77222	PSEUDOCUMENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77350	SEC-BUTYL BENZENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77356	P-ISOPROPYL TOLUENE, TOTAL (µg/L)	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77342	N-BUTYL BENZENE, TOTAL (µg/L	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77613	1,2,3-TRICHLOROBENZENE, TOTAL (µg/L	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77652	FREON-113, TOTAL (µg/L	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
77226	MESITYLENE, TOTAL (µg/L	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
81555	BROMOBENZENE, TOTAL (µg/L	8	<8.000	<0.200	--	<8.000	<0.200	<0.200	<0.200	<0.200
01097	ANTIMONY, TOTAL (µg/L as Sb)	14	2.000	<1.000	--	2.000	1.000	<1.000	<1.000	<1.000
01002	ARSENIC, TOTAL (µg/L as As)	14	1.000	<1.000	1.000*	1.000	1.000	1.000	<1.000	<1.000
01012	BERYLLIUM, TOTAL (µg/L as Be)	11	<10.000	<10.000	--	<10.000	<10.000	<10.000	<10.000	<10.000
01027	CADMIUM, TOTAL (µg/L as Cd)	11	1.000	<1.000	--	1.000	<1.000	<1.000	<1.000	<1.000
01034	CHROMIUM, TOTAL (µg/L as Cr)	14	17.000	2.000	6.000	17.000	7.750	4.000	2.750	2.000
01042	COPPER, TOTAL (µg/L as Cu)	14	68.000	9.000	25.500	68.000	36.000	17.500	13.750	9.000
01051	LEAD, TOTAL (µg/L as Pb)	14	73.000	5.000	17.429	73.000	16.500	10.500	7.000	5.000
71900	MERCURY, TOTAL (µg/L as Hg)	11	0.100	<0.100	--	0.100	<0.100	<0.100	<0.100	<0.100
01067	NICKEL, TOTAL (µg/L as Ni)	14	14.000	2.000	5.643	14.000	6.500	4.500	3.000	2.000
01147	SELENIUM, TOTAL (µg/L as Se)	11	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01077	SILVER, TOTAL (µg/L as Ag)	11	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01092	ZINC, TOTAL (µg/L as Zn)	14	320.000	40.000	109.286	320.000	152.500	60.000	60.000	40.000
00720	CYANIDE, TOTAL (mg/L as Cn)	11	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010
46342	ALACHLOR, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
04040	DEETHYLATRAZINE, DISSOLVED (µg/L)	1	<0.005	--	--	--	--	--	--	--
39632	ATRAZINE, DISSOLVED (µg/L)	1	0.020	--	--	--	--	--	--	--
82686	METHYL AZINPHOS, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
82673	BENFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
04028	BUTYLATE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82680	CARBARYL, DISSOLVED (µg/L)	1	0.020	--	--	--	--	--	--	--
82674	CARBOFURAN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
38933	CHLORPYRIFOS, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
04041	CYANAZINE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82682	DCPA, DISSOLVED (µg/L)	1	<0.004	--	--	--	--	--	--	--
34653	P,P' DDE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39572	DIAZINON, DISSOLVED (µg/L)	1	0.020	--	--	--	--	--	--	--
39381	DIELDRIN, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82660	2,6-DIETHYL ANILINE, DISSOLVED (µg/L)	1	<0.006	--	--	--	--	--	--	--
82662	DIMETHOATE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82677	DISULFOTON, DISSOLVED (µg/L)	1	<0.060	--	--	--	--	--	--	--
82668	EPTC, DISSOLVED (µg/L)	1	<0.005	--	--	--	--	--	--	--
82663	ETHALFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82672	ETHOPROP, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
04095	FONOFOS, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
34253	ALPHA BHC, DISSOLVED (µg/L)	1	<0.007	--	--	--	--	--	--	--
39341	LINDANE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82666	LINURON, DISSOLVED (µg/L)	1	<0.040	--	--	--	--	--	--	--
39532	MALATHION, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82667	METHYL PARATHION, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
39415	METOLACHLOR, DISSOLVED (µg/L)	1	0.010	--	--	--	--	--	--	--
82630	METRIBUZIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82671	MOLINATE, DISSOLVED (µg/L)	1	<0.007	--	--	--	--	--	--	--
82684	NAPROPAMIDE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39542	ETHYL PARATHION, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82669	PEBULATE, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
82683	PENDIMETHALIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82687	PERMETHRIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 53. Statistical summary of water-quality data at CSW04 (Site 42), May 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
82664	PHORATE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82676	PRONAMIDE, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
04037	PROMETON, DISSOLVED (µg/L)	1	0.030	--	--	--	--	--	--	--
04024	PROPACHLOR, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82679	PROPANIL, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82685	PROPARGITE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
04035	SIMAZINE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82681	THIOBENCARB, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82670	TEBUTHIURON, DISSOLVED (µg/L)	1	0.050	--	--	--	--	--	--	--
82665	TERBACIL, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
82675	TERBUFOS, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82678	TRIALLATE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82661	TRIFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39742	2,4,5-T, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39732	2,4-D, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38746	2,4-DB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49315	ACIFLUORFEN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49312	ALDICARB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49313	ALDICARB SULFONE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49314	ALDICARB SULFOXIDE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38711	BENTAZON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
04029	BROMACIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49311	BROMOXYNIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49310	CARBARYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49309	CARBOFURAN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49308	3-HYDROXY-CARBOFURAN (µg/L)	1	<0.050	--	--	--	--	--	--	--
49307	CHLORAMBEN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49306	CHLOROTHALONIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49305	CLOPYRALID, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49304	DACTHALMONO-ACID, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38442	DICAMBA, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49303	DICHLOBENIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49302	DICHLORPROP, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49301	DINOSEB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49300	DIURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49299	4,6-DINITRO OCRESOL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49298	ESFENVALERATE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49297	FENURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38811	FLUOMETURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38478	LINURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38482	MCPA, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38487	MCPB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38501	METHIOCARB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49296	METHOMYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49295	1-NAPHTHOL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49294	NEBURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49293	NORFLURAZON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49292	ORYZALIN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38866	OXAMYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49291	PICLORAM, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49236	PROPHAM, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38538	PROPOXUR, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39762	SILVEX, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49235	TRICLOPYR, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39057	PROMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39056	PROMETONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39054	SIMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
81757	CYANAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
77825	ALACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82611	METRIBUZIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30311	TERBACIL, TOTAL (µg/L)	1	0.300	--	--	--	--	--	--	--
30245	CARBOXIN, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30264	HEXAZINONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30235	BUTACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30236	BUTYLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75981	DEETHYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39630	ATRAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39055	SIMAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39024	PROPAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82184	AMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39030	TRIFLURALIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82612	METOLACHLOR, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30234	BROMACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30255	DIPHENAMID, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30324	VERNOLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30254	CYCLOATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30295	PROPACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75980	DEISOPROPYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39730	2,4-D, TOTAL (µg/L)	1	3.700	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 53. Statistical summary of water-quality data at CSW04 (Site 42), May 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
39760	SILVEX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39720	PICLORAM, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39740	2,4,5-T, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82183	2,4-DP, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82052	DICAMBA, TOTAL (µg/L)	1	0.650	--	--	--	--	--	--	--
39750	SEVIN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39051	METHOMYL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82619	ALDICARD, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30296	PROPOXUR, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39052	PROPHAM, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82615	CARBOFURAN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
77441	1-NAPHTHOL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30282	METHIOCARB, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."
* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

DATE	TIME	RAIN FALL[1] ACCUM (IN) (00045)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH WATER WHOLE LAB (STAN-DARD UNITS) (00403)	PH WATER WHOLE FIELD (STAN-DARD UNITS) (00400)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
MAY 1994										
03...	1600	1.15	0.49	--	232	--	6.8	--	73	169
03...	1635	1.15	0.30	--	--	--	--	--	--	--
03...	1830	1.15	6.6	--	37	--	6.3	--	6.5	95
03...	1919	1.15	1.8	--	44	--	6.4	--	8.6	69
JUL										
11...	1602	0.41	13	--	84	--	6.0	--	14	558
11...	1632	0.41	2.0	--	103	--	6.2	--	15	180
11...	1716	0.41	0.46	--	95	--	6.2	--	15	54
OCT										
03...	0746	0.09	0.13	19.0	--	--	--	--	--	--
NOV										
21...	0725	0.55	.97	15.0	--	70	--	--	--	--
21...	0923	0.55	3.4	16.0	69	67	6.2	6.8	11	69
21...	1135	0.55	0.46	16.0	111	108	6.3	6.8	24	39
21...	1318	0.55	0.18	16.5	145	140	6.4	6.8	36	33
DEC										
04...	0535	0.47	1.6	11.0	174	174	6.8	7.0	59	92
04...	0545	0.47	3.3	13.0	--	97	--	7.0	--	--
04...	0620	0.47	12	13.5	40	37	6.4	6.8	8.5	180
04...	0907	0.47	0.79	13.5	90	87	6.4	6.8	21	35
JAN 1995										
06...	1932	1.10	0.36	2.5	206	214	6.9	7.0	64	54
06...	2316	1.10	14	2.5	53	50	6.4	6.7	8.6	96
07...	0746	1.10	0.20	6.0	140	131	6.9	7.0	35	23
13...	2306	0.24	0.32	12.5	--	161	--	--	--	--
FEB										
10...	1040	0.16	0.54	3.5	--	--	--	7.0	--	30
15...	1113	2.53	3.4	3.5	--	--	--	--	--	--
15...	1120	2.53	2.9	3.5	--	--	--	--	--	74
APR										
12...	1612	0.26	4.3	19.0	--	--	--	--	--	--
21...	0822	0.11	1.4	19.0	43	--	5.7	--	16	235
24...	0041	0.41	44	10.0	34	27	6.1	6.5	9.3	1500
24...	0100	0.41	13	9.5	44	40	6.1	6.6	7.0	667
MAY										
01...	2213	1.65	12	15.0	--	--	--	--	--	--
10...	1024	0.27	1.2	20.0	--	--	--	--	--	--
JUN										
19...	0715	1.25	0.76	20.5	185	177	6.7	7.3	59	63
19...	1407	1.25	9.9	20.0	30	29	6.5	6.7	9.0	134
19...	1512	1.25	4.0	20.0	44	40	6.5	6.8	12	62
19...	1646	1.25	21	19.5	38	34	7.0	6.8	11	742
19...	1718	0.38	3.3	19.5	52	51	6.6	6.9	15	73
25...	2148	0.38	1.5	19.5	--	--	--	--	--	--
25...	2215	0.38	73	19.5	--	--	--	--	--	--
25...	2234	0.38	14	19.5	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 45).

Table 53. Statistical summary of water-quality data at CSW04 (Site 42), May 1994 through June 1995—Continued

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
MAY 1994										
03...	158	26	146	--	81	0.40	0.920	0.150	0.25	1.3
03...	--	--	--	--	--	--	--	--	--	--
03...	86	20	22	--	36	1.0	0.300	0.260	0.74	1.3
03...	57	13	34	--	32	0.90	0.360	0.240	0.66	1.3
JUL										
11...	--	121	60	--	170	3.9	0.500	0.690	3.2	4.4
11...	--	28	76	--	89	2.5	0.720	0.600	1.9	3.2
11...	--	11	78	--	89	1.8	0.720	0.420	1.4	2.5
OCT										
03...	--	--	--	--	--	--	--	--	--	--
NOV										
21...	--	--	--	--	--	--	--	--	--	--
21...	--	15	64	--	53	0.90	0.570	0.390	0.51	1.5
21...	--	13	90	--	90	1.6	0.790	0.270	1.3	2.4
21...	--	12	74	--	120	1.7	0.790	0.160	1.5	2.5
DEC										
04...	--	19	110	--	57	1.1	0.300	0.220	0.88	1.4
04...	--	--	--	--	--	--	--	--	--	--
04...	--	31	14	--	47	0.80	0.200	0.220	0.58	1.0
04...	--	9	92	--	71	1.4	0.410	0.110	1.3	1.8
JAN 1995										
06...	--	16	142	--	63	1.1	0.780	0.460	0.64	1.9
06...	--	15	<1	--	43	1.3	0.480	0.210	1.1	1.8
07...	--	5	106	--	37	1.0	0.730	0.130	0.87	1.7
13...	--	--	--	--	--	--	--	--	--	--
FEB										
10...	--	8	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--
15...	--	11	--	--	--	--	--	--	--	--
APR										
12...	--	--	--	--	--	--	--	--	--	--
21...	--	65	48	>42	180	8.4	1.70	2.90	5.5	10
24...	--	172	22	>26	220	5.5	0.390	0.460	5.0	5.9
24...	--	92	32	31	120	1.7	0.490	0.350	1.3	2.2
MAY										
01...	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--
JUN										
19...	--	10	144	18	68	1.4	0.780	0.430	0.97	2.2
19...	--	13	26	4.2	38	1.0	0.180	0.100	0.90	1.2
19...	--	6	44	3.8	34	1.0	0.220	0.110	0.89	1.2
19...	--	29	38	5.2	54	1.0	0.180	0.100	0.90	1.2
19...	--	6	48	3.8	41	1.0	0.220	0.110	0.89	1.2
25...	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 45).

Table 53. Statistical summary of water-quality data at CSW04 (Site 42), May 1994 through June 1995—Continued

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD) (01027)
MAY 1994										
03...	0.080	0.020	--	--	--	--	1	1	<10	<1
03...	--	--	1	--	--	--	--	--	--	--
03...	0.260	0.130	--	11	--	--	<1	<1	<10	<1
03...	0.230	0.150	--	--	--	--	--	--	--	--
JUL										
11...	0.840	0.160	3	49	--	--	2	1	<10	1
11...	0.530	0.220	--	32	--	--	<1	1	<10	<1
11...	0.450	0.300	--	--	--	--	--	--	--	--
OCT										
03...	--	--	<1	--	--	--	--	--	--	--
NOV										
21...	--	--	<1	--	K13000	K7100	--	--	--	--
21...	0.370	0.350	--	15	K14000	55000	<1	1	<10	<1
21...	0.770	0.720	--	--	39000	>700000	--	--	--	--
21...	0.750	0.770	--	--	35000	310000	--	--	--	--
DEC										
04...	0.250	0.080	--	11	--	--	<1	<1	<10	<1
04...	--	--	<1	--	--	--	--	--	--	--
04...	0.210	0.170	--	14	--	--	<1	<1	<10	<1
04...	0.580	0.500	--	--	--	--	--	--	--	--
JAN 1995										
06...	0.160	0.060	--	24	--	--	<1	<1	<10	<1
06...	0.540	0.450	--	14	--	--	<1	1	<10	<1
07...	0.420	0.390	--	--	--	--	--	--	--	--
13...	--	--	2	--	--	--	--	--	--	--
FEB										
10...	--	--	--	--	2700	K1100	--	--	--	--
15...	--	--	--	--	K9100	K900	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--
APR										
12...	--	--	--	--	--	--	--	--	--	--
21...	0.850	0.660	--	29	210000	K75000	<1	<1	<10	<1
24...	1.20	0.090	--	26	--	--	2	<1	<10	1
24...	0.320	0.110	--	--	--	--	--	--	--	--
MAY										
01...	--	--	--	--	K53000	K54000	--	--	--	--
10...	--	--	--	--	300000	43000	--	--	--	--
JUN										
19...	0.240	0.110	--	21	--	--	1	1	--	--
19...	0.210	0.060	--	9.1	--	--	<1	1	--	--
19...	0.240	0.170	--	--	--	--	--	--	--	--
19...	0.270	0.130	--	13	--	--	<1	1	--	--
19...	0.320	0.220	--	--	--	--	--	--	--	--
25...	--	--	<1	--	24000	37000	--	--	--	--
25...	--	--	--	--	K69000	K79000	--	--	--	--
25...	--	--	--	--	K300000	K96000	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 45).

Table 53. Statistical summary of water-quality data at CSW04 (Site 42), May 1994 through June 1995—Continued

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
MAY 1994									
03...	6	25	11	<0.10	6	<1	<1	80	<0.010
03...	--	--	--	--	--	--	--	--	--
03...	3	15	7	<0.10	4	<1	<1	60	<0.010
03...	--	--	--	--	--	--	--	--	--
JUL									
11...	14	42	51	0.10	14	<1	<1	320	<0.010
11...	6	68	14	0.10	5	<1	<1	150	<0.010
11...	--	--	--	--	--	--	--	--	--
OCT									
03...	--	--	--	--	--	--	--	--	--
NOV									
21...	--	--	--	--	--	--	--	--	--
21...	3	19	8	<0.10	2	<1	<1	60	<0.010
21...	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--
DEC									
04...	3	10	7	<0.10	4	<1	<1	60	<0.010
04...	--	--	--	--	--	--	--	--	--
04...	4	17	10	<0.10	3	<1	<1	60	<0.010
04...	--	--	--	--	--	--	--	--	--
JAN 1995									
06...	2	9	6	<0.10	4	<1	<1	60	<0.010
06...	2	10	5	<0.10	2	<1	<1	40	<0.010
07...	--	--	--	--	--	--	--	--	--
13...	--	--	--	--	--	--	--	--	--
FEB									
10...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
APR									
12...	--	--	--	--	--	--	--	--	--
21...	5	18	16	<0.10	8	<1	<1	160	<0.010
24...	17	59	73	<0.10	13	<1	<1	280	<0.010
24...	--	--	--	--	--	--	--	--	--
MAY									
01...	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--
JUN									
19...	2	16	7	--	5	--	--	60	--
19...	4	15	11	--	3	--	--	50	--
19...	--	--	--	--	--	--	--	--	--
19...	13	34	18	--	6	--	--	90	--
19...	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--
25...	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 45).

Table 54. Statistical summary of water-quality data at CSW05 (Site 39), June 1994 through June 1995

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
00061	INSTANTANEOUS DISCHARGE, (ft^3/s)	29	4.600	0.010	0.992	3.850	1.640	0.460	0.245	0.017
00010	WATER TEMPERATURE (°C)	29	31.000	1.500	16.362	29.500	21.000	18.500	11.500	2.750
90095	SPECIFIC CONDUCTANCE, LAB (µS/cm at 25 °C)	19	180.000	26.000	78.579	180.000	110.000	61.000	38.000	26.000
00095	SPECIFIC CONDUCTANCE, FIELD (µS/cm at 25 °C)	20	182.000	23.000	69.450	180.850	106.250	53.500	30.000	23.000
00403	pH, LAB (STANDARD pH UNITS)	20	7.700	5.300	--	7.670	6.650	6.250	6.000	5.305
00400	pH, FIELD (STANDARD pH UNITS)	18	7.200	5.200	--	7.200	6.825	6.700	6.500	5.200
90410	ALKALINITY, LAB (mg/L as $CaCO_3$)	20	53.000	2.500	16.465	52.750	25.000	9.000	6.225	2.600
80154	SUSPENDED SEDIMENT (mg/L)	21	650.000	15.000	144.667	622.500	212.500	73.000	47.500	15.400
00535	RESIDUE VOLATILE, SUSPENDED (mg/L)	19	157.000	4.000	35.000	157.000	51.000	16.000	9.000	4.000
70300	DISSOLVED SOLIDS, RESIDUE AT 180 °C (mg/L)	20	228.000	<1.000	68.753*	178.000	86.000	40.000	20.000	<1.000
00310	5 DAY BIOCHEMICAL OXYGEN DEMAND (mg/L)	7	>28.000	2.100	16.357	28.000	28.000	15.000	6.700	2.100
00340	CHEMICAL OXYGEN DEMAND (mg/L)	20	580.000	16.000	147.100	568.000	247.500	95.000	45.250	16.250
00625	NITROGEN AMMONIA + ORGANIC, TOTAL (mg/L as N)	20	9.300	0.400	2.620	9.295	4.350	1.550	0.500	0.400
00631	$NO_2 + NO_3$, DISSOLVED (mg/L as N)	20	2.800	0.190	0.763	2.760	0.920	0.555	0.322	0.191
00608	NITROGEN AMMONIA, DISSOLVED (mg/L as N)	20	2.300	0.050	0.568	2.275	0.790	0.290	0.110	0.051
00605	NITROGEN ORGANIC, TOTAL (mg/L as N)	20	7.500	0.250	2.056	7.470	3.300	1.005	0.397	0.253
00600	NITROGEN, TOTAL (mg/L as N)	20	11.000	0.660	3.391	11.000	5.050	2.250	0.960	0.661
00665	PHOSPHORUS, TOTAL (mg/L as P)	20	1.500	0.100	0.499	1.485	0.745	0.370	0.160	0.102
00671	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P)	20	1.000	0.060	0.251	0.987	0.310	0.170	0.093	0.061
00556	OIL AND GREASE, TOTAL (mg/L)	4	10.000	<1.000	--	--	--	--	--	--
00680	CARBON ORGANIC, TOTAL (mg/L)	12	120.000	6.800	45.908	120.000	76.750	31.000	15.500	6.800
31679	FECAL STREPTOCOCCI COLIFORM, (Colonies per 100 ml)	5	26000.000	450.000	--	--	--	--	--	--
31616	FECAL COLIFORM, (Colonies per 100 ml)	5	94000.000	<100.000	--	--	--	--	--	--
39330	ALDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39340	LINDANE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39350	CHLORDANE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39370	DDT, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39365	DDE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39360	DDD, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39380	DIELDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39388	ENDOSULFAN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39390	ENDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39410	HEPTACHLOR, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39420	HEPTACHLOR EPOXIDE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39516	PCB, TOTAL (µg/L)	1	0.100	--	--	--	--	--	--	--
39400	TOXAPHENE, TOTAL (µg/L)	1	<1.000	--	--	--	--	--	--	--
39034	PERTHANE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39570	DIAZINON, TOTAL (µg/L)	1	0.020	--	--	--	--	--	--	--
39398	ETHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39530	MALATHION, TOTAL (µg/L)	1	0.010	--	--	--	--	--	--	--
39600	METHYL PARATHION, TOTAL (µg/L)	1	0.010	--	--	--	--	--	--	--
39540	PARATHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39786	TRITHION, TOTAL (µg/L)	1	0.020	--	--	--	--	--	--	--
39250	PCN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39480	METHOXYCHLOR, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39755	MIREX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39011	DISYSTON, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39023	PHORATE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
38932	CHLORPYRIFOS, TOTAL (µg/L)	1	0.010	--	--	--	--	--	--	--
39040	DEF, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82614	FONOFOS, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
34210	ACROLEIN, TOTAL (µg/L)	1	<20.000	--	--	--	--	--	--	--
34215	ACRYLONITRILE, TOTAL (µg/L)	1	<20.000	--	--	--	--	--	--	--
34030	BENZENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
32104	BROMOFORM, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
32102	CARBON TETRACHLORIDE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34301	CHLOROBENZENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
32105	CHLORODIBROMOTHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34311	CHLOROETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
32106	CHLOROFORM, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34496	1,1-DICHLOROETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
32103	1,2-DICHLOROETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34501	1,1-DICHLOROETHYLENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34541	1,2-DICHLOROPROPANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34371	ETHYLBENZENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34413	METHYL BROMIDE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34423	METHYLENE CHLORIDE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34475	TETRACHLOROETHYLENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34010	TOLUENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34546	1,2-TRANSDICHLOROETHENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34506	1,1,1-TRICHLOROETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34511	1,1,2-TRICHLOROETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
39180	TRICHLOROETHYLENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
39175	VINYL CHLORIDE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
30217	DIBROMOMETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
32101	DICHLOROBROMOMETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 54. Statistical summary of water-quality data at CSW05 (Site 39), June 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
34668	DICHLORODIFLUOROMETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34488	TRICHLOROFLUOROMETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77651	1,2-DIBROMOETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34418	METHYLCHLORIDE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34704	CIS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34699	TRANS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77128	STYRENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
81551	XYLENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
82625	DIBROMOCHLOROPROPANE, TOTAL (µg/L)	3	<10.000	<1.000	--	--	--	--	--	--
77168	1,1-DICHLOROPROPENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77170	2,2-DICHLOROPROPANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77173	1,3-DICHLOROPROPANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77275	0-CHLOROTOLUENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77277	P-CHLOROTOLUENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77443	1,2,3-TRICHLOROPROPANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77562	1,1,1,2-TETRACHLOROETHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
78032	TERTBUTYL METHYL ETHER, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77297	BROMOCHLORO METHANE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77093	CIS-1,2-DICHLOROETHENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (µg/L)	3	<10.000	<1.000	--	--	--	--	--	--
77223	ISOPROPYL BENZENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77224	N-PROPY BENZENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77353	TERTBUTYL BENZENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77222	PSEUDOCUMENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77350	SEC-BUTYL BENZENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77356	P-ISOPROPYL TOLUENE, TOTAL (µg/L)	3	<2.000	<0.200	--	--	--	--	--	--
77342	N-BUTYL BENZENE, TOTAL (µg/L	3	<2.000	<0.200	--	--	--	--	--	--
77613	1,2,3-TRICHLOROBENZENE, TOTAL (µg/L	3	<2.000	<0.200	--	--	--	--	--	--
77652	FREON-113, TOTAL (µg/L	3	<2.000	<0.200	--	--	--	--	--	--
77226	MESITYLENE, TOTAL (µg/L	3	<2.000	<0.200	--	--	--	--	--	--
81555	BROMOBENZENE, TOTAL (µg/L	3	<2.000	<0.200	--	--	--	--	--	--
01097	ANTIMONY, TOTAL (µg/L as Sb)	13	8.000	<1.000	1.435*	8.000	2.000	<1.000	<1.000	<1.000
01002	ARSENIC, TOTAL (µg/L as As)	13	140.000	<1.000	13.319*	140.000	1.000	<1.000	<1.000	<1.000
01012	BERYLLIUM, TOTAL (µg/L as Be)	11	<10.000	<10.000	--	<10.000	<10.000	<10.000	<10.000	<10.000
01027	CADMIUM, TOTAL (µg/L as Cd)	11	3.000	<1.000	--	3.000	1.000	<1.000	<1.000	<1.000
01034	CHROMIUM, TOTAL (µg/L as Cr)	13	19.000	4.000	11.000	19.000	15.000	12.000	6.000	4.000
01042	COPPER, TOTAL (µg/L as Cu)	13	48.000	6.000	24.154	48.000	37.000	20.000	11.500	6.000
01051	LEAD, TOTAL (µg/L as Pb)	13	66.000	8.000	33.308	66.000	51.000	32.000	15.500	8.000
71900	MERCURY, TOTAL (µg/L as Hg)	11	0.200	<0.100	--	0.200	<0.100	<0.100	<0.100	<0.100
01067	NICKEL, TOTAL (µg/L as Ni)	13	19.000	3.000	10.077	19.000	12.000	10.000	6.500	3.000
01147	SELENIUM, TOTAL (µg/L as Se)	11	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01077	SILVER, TOTAL (µg/L as Ag)	11	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01092	ZINC, TOTAL (µg/L as Zn)	13	700.000	40.000	304.615	700.000	450.000	280.000	165.000	40.000
00720	CYANIDE, TOTAL (mg/L as Cn)	11	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010
39057	PROMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39056	PROMETONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39054	SIMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
81757	CYANAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
77825	ALACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82611	METRIBUZIN, TOTAL (µg/L)	1	0.300	--	--	--	--	--	--	--
30311	TERBACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30245	CARBOXIN, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30264	HEXAZINONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30235	BUTACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30236	BUTYLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75981	DEETHYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39630	ATRAZINE, TOTAL (µg/L)	1	0.200	--	--	--	--	--	--	--
39055	SIMAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39024	PROPAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82184	AMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39030	TRIFLURALIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82612	METOLACHLOR, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30234	BROMACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30255	DIPHENAMID, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30324	VERNOLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30254	CYCLOATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30295	PROPACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75980	DEISOPROPYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39730	2,4-D, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39760	SILVEX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39720	PICLORAM, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39740	2,4,5-T, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82183	2,4-DP, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82052	DICAMBA, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39750	SEVIN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39051	METHOMYL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82619	ALDICARD, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30296	PROPOXUR, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39052	PROPHAM, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82615	CARBOFURAN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
77441	1-NAPHTHOL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30282	METHIOCARB, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 54. Statistical summary of water-quality data at CSW05 (Site 39), June 1994 through June 1995—Continued

DATE	TIME	RAIN FALL[1] ACCUM (IN) (00045)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH WATER WHOLE LAB (STAN-DARD UNITS) (00403)	PH WATER WHOLE FIELD (STAN-DARD UNITS) (00400)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUN 1994										
24...	1711	0.06	0.44	31.0	108	--	5.4	--	25	316
25...	0135	0.09	2.5	24.5	42	--	5.9	--	9.0	375
25...	0550	0.09	0.01	21.5	178	--	7.1	--	32	--
AUG										
05...	1320	0.15	0.08	28.0	180	182	6.1	6.9	34	163
05...	1335	0.15	1.9	28.0	29	28	6.5	5.2	2.5	72
05...	1354	0.15	0.29	27.5	61	58	6.9	6.8	7.9	19
NOV										
21...	0618	0.47	0.46	15.0	73	71	6.0	6.8	6.3	116
21...	0850	0.47	2.6	15.5	29	23	6.1	6.6	8.4	223
21...	0915	0.47	1.7	15.5	--	29	--	--	--	--
21...	0932	0.47	0.70	15.5	56	49	6.2	6.6	9.0	43
21...	1027	0.47	0.40	15.0	64	60	6.5	6.9	14	25
JAN 1995										
06...	1910	1.15	0.40	4.0	102	104	6.4	6.7	10	202
06...	2220	1.15	3.1	1.5	27	25	6.3	6.2	4.8	73
07...	0542	1.15	0.02	6.0	110	107	7.0	7.0	25	15
19...	1935	0.53	0.14	11.5	--	114	--	--	--	--
FEB										
10...	0904	0.09	0.11	4.0	--	91	--	7.2	--	71
15...	1000	1.47	0.44	4.0	--	--	--	--	--	--
15...	1006	1.47	0.51	4.0	--	--	--	--	--	52
APR										
12...	1635	0.25	0.59	19.0	--	--	--	--	--	--
12...	1640	0.25	2.8	19.5	--	--	--	--	--	--
21...	0802	0.07	0.27	18.5	165	159	5.3	6.5	48	240
21...	0811	0.07	0.22	19.5	--	--	--	--	--	--
21...	0813	0.07	0.30	19.5	--	--	--	--	--	--
21...	0822	0.07	0.46	20.0	--	45	6.2	6.6	53	109
24...	0037	0.25	4.6	12.5	42	34	5.9	6.1	17	650
24...	0055	0.25	1.2	11.5	44	42	6.0	6.5	4.7	56
JUN										
19...	0734	0.94	0.21	22.0	119	112	6.3	6.8	4.5	142
19...	1406	0.94	1.6	20.5	26	23	6.7	6.7	6.2	54
19...	1510	0.94	0.76	20.0	38	33	7.7	6.8	8.0	22

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 46).

Table 54. Statistical summary of water-quality data at CSW05 (Site 39), June 1994 through June 1995—Continued

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
JUN 1994										
24...	--	--	86	--	300	4.5	1.30	1.20	3.3	5.8
25...	--	--	<1	--	210	2.2	0.360	0.350	1.8	2.6
25...	--	--	162	--	59	1.7	0.500	0.050	1.7	2.2
AUG										
05...	--	51	178	--	280	5.1	2.80	1.30	3.8	7.9
05...	--	24	2	--	80	2.5	0.270	0.150	2.4	2.8
05...	--	6	26	--	48	1.0	0.570	0.230	0.77	1.6
NOV										
21...	--	35	54	--	110	1.9	0.860	0.830	1.1	2.8
21...	--	54	16	--	120	1.2	0.210	0.290	0.91	1.4
21...	--	--	--	--	--	--	--	--	--	--
21...	--	11	42	--	45	0.50	0.380	0.110	0.39	0.88
21...	--	10	34	--	62	0.40	0.390	0.090	0.31	0.79
JAN 1995										
06...	--	54	62	--	150	1.4	0.940	0.620	0.78	2.3
06...	--	9	20	--	21	0.50	0.190	0.110	0.39	0.69
07...	--	5	82	--	28	0.50	0.740	0.080	0.42	1.2
19...	--	--	--	--	--	--	--	--	--	--
FEB										
10...	--	16	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--
15...	--	9	--	--	--	--	--	--	--	--
APR										
12...	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--
21...	--	126	228	>28	580	9.3	2.00	1.80	7.5	11
21...	--	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--	--
21...	--	47	170	>28	340	4.6	0.560	0.670	3.9	5.2
24...	--	157	28	>26	260	3.9	0.670	0.640	3.3	4.6
24...	--	10	40	8.7	46	1.1	0.550	0.290	0.81	1.6
JUN										
19...	--	28	104	15	160	9.2	1.40	2.30	6.9	11
19...	--	9	16	6.7	27	0.40	0.260	0.150	0.25	0.66
19...	--	4	22	2.1	16	0.50	0.310	0.110	0.39	0.81

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 46).

Table 54. Statistical summary of water-quality data at CSW05 (Site 39), June 1994 through June 1995—Continued

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD) (01027)
JUN 1994										
24...	0.920	0.360	--	--	--	--	2	1	<10	3
25...	0.550	0.130	--	--	--	--	<1	<1	<10	1
25...	0.520	0.390	--	--	--	--	--	--	--	--
AUG										
05...	0.760	0.280	--	77	--	--	8	140	<10	1
05...	0.860	0.090	--	15	--	--	2	29	<10	<1
05...	0.270	0.200	<1	--	--	--	--	--	--	--
NOV										
21...	0.360	0.320	--	27	--	--	<1	<1	<10	<1
21...	0.380	0.140	--	17	--	--	<1	<1	<10	<1
21...	--	--	--	--	3400	3400	--	--	--	--
21...	0.220	0.220	--	--	--	--	--	--	--	--
21...	0.220	0.220	--	--	4900	5500	--	--	--	--
JAN 1995										
06...	0.160	0.060	--	33	--	--	<1	<1	<10	<1
06...	0.160	0.110	--	8.1	--	--	<1	<1	<10	<1
07...	0.100	0.080	--	--	--	--	--	--	--	--
19...	--	--	8	--	--	--	--	--	--	--
FEB										
10...	--	--	10	--	K450	K180	--	--	--	--
15...	--	--	--	--	K1600	<100	--	--	--	--
15...	--	--	--	--	--	--	--	--	--	--
APR										
12...	--	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--	--
21...	1.50	0.740	--	120	--	--	1	1	<10	<1
21...	--	--	--	--	26000	K94000	--	--	--	--
21...	--	--	9	76	--	--	--	--	--	--
21...	0.660	0.270	--	93	--	--	3	2	<10	<1
24...	0.700	0.090	--	29	--	--	<1	<1	<10	2
24...	0.160	0.090	--	--	--	--	--	--	--	--
JUN										
19...	1.20	1.00	--	49	--	--	1	<1	--	--
19...	0.140	0.100	--	6.8	--	--	<1	<1	--	--
19...	0.150	0.130	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 46).

Table 54. Statistical summary of water-quality data at CSW05 (Site 39), June 1994 through June 1995—Continued

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
JUN 1994									
24...	14	36	66	<0.10	19	<1	<1	700	<0.010
25...	18	28	54	<0.10	12	<1	<1	420	<0.010
25...	--	--	--	--	--	--	--	--	--
AUG									
05...	12	32	38	<0.10	12	<1	<1	460	<0.010
05...	4	10	12	<0.10	4	<1	<1	140	<0.010
05...	--	--	--	--	--	--	--	--	--
NOV									
21...	11	13	19	<0.10	10	<1	<1	190	<0.010
21...	16	16	41	<0.10	10	<1	<1	220	<0.010
21...	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--
JAN 1995									
06...	12	14	48	<0.10	10	<1	<1	310	<0.010
06...	4	7	8	0.20	3	<1	<1	70	<0.010
07...	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--
FEB									
10...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
15...	--	--	--	--	--	--	--	--	--
APR									
12...	--	--	--	--	--	--	--	--	--
12...	--	--	--	--	--	--	--	--	--
21...	9	48	32	<0.10	15	<1	<1	470	<0.010
21...	--	--	--	--	--	--	--	--	--
21...	--	--	--	--	--	--	--	--	--
21...	8	46	23	<0.10	12	<1	<1	280	<0.010
24...	19	38	60	<0.10	12	<1	<1	440	<0.010
24...	--	--	--	--	--	--	--	--	--
JUN									
19...	12	20	24	--	9	--	--	220	--
19...	4	6	8	--	3	--	--	40	--
19...	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 46).

Table 55. Statistical summary of water-quality data at CSW06 (Site 37), May through June 1995

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
00061	INSTANTANEOUS DISCHARGE, (ft^3/s)	17	40.000	0.530	8.119	40.000	7.750	3.300	0.690	0.530
00010	WATER TEMPERATURE (°C)	17	26.500	16.500	19.147	26.500	20.000	18.000	17.000	16.500
90095	SPECIFIC CONDUCTANCE, LAB (µS/cm at 25 °C)	8	64.000	22.000	42.000	64.000	52.000	43.000	28.000	22.000
00095	SPECIFIC CONDUCTANCE, FIELD (µS/cm at 25 °C)	10	67.000	20.000	44.700	67.000	67.000	42.500	30.750	20.000
00403	pH, LAB (STANDARD pH UNITS)	8	6.900	6.300	--	6.900	6.600	6.600	6.350	6.300
00400	pH, FIELD (STANDARD pH UNITS)	10	6.600	6.400	--	6.600	6.500	6.500	6.475	6.400
90410	ALKALINITY, LAB (mg/L as $CaCO_3$)	8	9.900	5.600	7.250	9.900	8.600	6.750	5.950	5.600
80154	SUSPENDED SEDIMENT (mg/L)	8	232.000	10.000	77.625	232.000	120.750	63.000	13.500	10.000
00535	RESIDUE VOLATILE, SUSPENDED (mg/L)	8	54.000	3.000	13.000	54.000	11.750	7.500	4.750	3.000
70300	DISSOLVED SOLIDS, RESIDUE AT 180 °C (mg/L)	8	54.000	22.000	37.250	54.000	41.500	38.000	31.000	22.000
00310	5 DAY BIOCHEMICAL OXYGEN DEMAND (mg/L)	8	7.600	<2.000	5.627*	7.600	6.800	5.000	<2.000	<2.000
00340	CHEMICAL OXYGEN DEMAND (mg/L)	8	46.000	15.000	30.875	46.000	36.750	31.000	25.750	15.000
00625	NITROGEN AMMONIA + ORGANIC, TOTAL (mg/L as N)	8	1.100	0.400	0.775	1.100	1.075	0.800	0.500	0.400
00631	NO_2 + NO_3, DISSOLVED (mg/L as N)	8	0.610	0.090	0.324	0.610	0.485	0.345	0.120	0.090
00608	NITROGEN AMMONIA, DISSOLVED (mg/L as N)	8	0.340	0.030	0.181	0.340	0.322	0.185	0.040	0.030
00605	NITROGEN ORGANIC, TOTAL (mg/L as N)	8	0.800	0.370	0.594	0.800	0.742	0.615	0.460	0.370
00600	NITROGEN, TOTAL (mg/L as N)	8	1.700	0.490	1.104	1.700	1.575	1.150	0.620	0.490
00665	PHOSPHORUS, TOTAL (mg/L as P)	8	0.350	0.120	0.234	0.350	0.313	0.215	0.185	0.120
00671	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P)	8	0.130	0.070	0.093	0.130	0.113	0.085	0.080	0.070
00556	OIL AND GREASE, TOTAL (mg/L)	2	<1.000	<1.000	--	--	--	--	--	--
00680	CARBON ORGANIC, TOTAL (mg/L)	5	17.000	5.700	--	--	--	--	--	--
31679	FECAL STREPTOCOCCI COLIFORM, (Colonies per 100 ml)	9	83000.000	16000.000	38555.555	83000.000	53500.000	29000.000	23000.000	16000.000
31616	FECAL COLIFORM, (Colonies per 100 ml)	9	76000.000	11000.000	36333.336	76000.000	53000.000	28000.000	21500.000	11000.000
39330	ALDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39340	LINDANE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39350	CHLORDANE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39370	DDT, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39365	DDE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39360	DDD, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39380	DIELDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39388	ENDOSULFAN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39390	ENDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39410	HEPTACHLOR, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39420	HEPTACHLOR EPOXIDE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39516	PCB, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39400	TOXAPHENE, TOTAL (µg/L)	1	<1.000	--	--	--	--	--	--	--
39034	PERTHANE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39570	DIAZINON, TOTAL (µg/L)	1	0.010	--	--	--	--	--	--	--
39398	ETHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39530	MALATHION, TOTAL (µg/L)	1	0.010	--	--	--	--	--	--	--
39600	METHYL PARATHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39540	PARATHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39786	TRITHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39250	PCN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39480	METHOXYCHLOR, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39755	MIREX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39011	DISYSTON, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39023	PHORATE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
38932	CHLORPYRIFOS, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39040	DEF, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82614	FONOFOS, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
34030	BENZENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
32104	BROMOFORM, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
32102	CARBON TETRACHLORIDE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34301	CHLOROBENZENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
32105	CHLORODIBROMOTHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34311	CHLOROETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
32106	CHLOROFORM, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34496	1,1-DICHLOROETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
32103	1,2-DICHLOROETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34501	1,1-DICHLOROETHYLENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34541	1,2-DICHLOROPROPANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34371	ETHYLBENZENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34413	METHYL BROMIDE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34423	METHYLENE CHLORIDE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34475	TETRACHLOROETHYLENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34010	TOLUENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34546	1,2-TRANSDICHLOROETHENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34506	1,1,1-TRICHLOROETHANE, TOTAL (µg/L)	2	1.300	<0.800	--	--	--	--	--	--
34511	1,1,2-TRICHLOROETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
39180	TRICHLOROETHYLENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
39175	VINYL CHLORIDE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
30217	DIBROMOMETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
32101	DICHLOROBROMOMETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34668	DICHLORODIFLUOROMETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34488	TRICHLOROFLUOROMETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77651	1,2-DIBROMOETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 55. Statistical summary of water-quality data at CSW06 (Site 37), May through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
34418	METHYLCHLORIDE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34704	CIS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34699	TRANS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77128	STYRENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
81551	XYLENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
82625	DIBROMOCHLOROPROPANE, TOTAL (µg/L)	2	<4.000	<2.000	--	--	--	--	--	--
77168	1,1-DICHLOROPROPENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77170	2,2-DICHLOROPROPANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77173	1,3-DICHLOROPROPANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77275	0-CHLOROTOLUENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77277	P-CHLOROTOLUENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77443	1,2,3-TRICHLOROPROPANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77562	1,1,1,2-TETRACHLOROETHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
78032	TERTBUTYL METHYL ETHER, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77297	BROMOCHLORO METHANE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77093	CIS-1,2-DICHLOROETHENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (µg/L)	2	<4.000	<2.000	--	--	--	--	--	--
77223	ISOPROPYL BENZENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77224	N-PROPY BENZENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77353	TERTBUTYL BENZENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77222	PSEUDOCUMENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77350	SEC-BUTYL BENZENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77356	P-ISOPROPYL TOLUENE, TOTAL (µg/L)	2	<0.800	<0.800	--	--	--	--	--	--
77342	N-BUTYL BENZENE, TOTAL (µg/L	2	<0.800	<0.800	--	--	--	--	--	--
77613	1,2,3-TRICHLOROBENZENE, TOTAL (µg/L	2	<0.800	<0.800	--	--	--	--	--	--
77652	FREON-113, TOTAL (µg/L	2	<0.800	<0.800	--	--	--	--	--	--
77226	MESITYLENE, TOTAL (µg/L	2	<0.800	<0.800	--	--	--	--	--	--
81555	BROMOBENZENE, TOTAL (µg/L	2	<0.800	<0.800	--	--	--	--	--	--
01097	ANTIMONY, TOTAL (µg/L as Sb)	6	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01002	ARSENIC, TOTAL (µg/L as As)	6	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01012	BERYLLIUM, TOTAL (µg/L as Be)	6	<10.000	<10.000	--	<10.000	<10.000	<10.000	<10.000	<10.000
01027	CADMIUM, TOTAL (µg/L as Cd)	6	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01034	CHROMIUM, TOTAL (µg/L as Cr)	6	5.000	<1.000	--	5.000	3.000	2.000	<1.000	<1.000
01042	COPPER, TOTAL (µg/L as Cu)	6	28.000	8.000	14.833	28.000	19.000	12.500	11.000	8.000
01051	LEAD, TOTAL (µg/L as Pb)	6	4.000	2.000	2.667	4.000	3.250	2.500	2.000	2.000
71900	MERCURY, TOTAL (µg/L as Hg)	6	<0.100	<0.100	--	<0.100	<0.100	<0.100	<0.100	<0.100
01067	NICKEL, TOTAL (µg/L as Ni)	6	10.000	4.000	7.333	10.000	8.500	8.000	5.500	4.000
01147	SELENIUM, TOTAL (µg/L as Se)	6	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01077	SILVER, TOTAL (µg/L as Ag)	6	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01092	ZINC, TOTAL (µg/L as Zn)	6	90.000	50.000	70.000	90.000	90.000	70.000	50.000	50.000
00720	CYANIDE, TOTAL (mg/L as Cn)	6	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010
39057	PROMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39056	PROMETONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39054	SIMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
81757	CYANAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
77825	ALACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82611	METRIBUZIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30311	TERBACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30245	CARBOXIN, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30264	HEXAZINONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30235	BUTACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30236	BUTYLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75981	DEETHYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39630	ATRAZINE, TOTAL (µg/L)	1	0.100	--	--	--	--	--	--	--
39055	SIMAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39024	PROPAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82184	AMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39030	TRIFLURALIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82612	METOLACHLOR, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30234	BROMACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30255	DIPHENAMID, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30324	VERNOLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30254	CYCLOATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30295	PROPACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75980	DEISOPROPYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39730	2,4-D, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39760	SILVEX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39720	PICLORAM, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39740	2,4,5-T, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82183	2,4-DP, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82052	DICAMBA, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39750	SEVIN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39051	METHOMYL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82619	ALDICARD, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30296	PROPOXUR, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39052	PROPHAM, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82615	CARBOFURAN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
77441	1-NAPHTHOL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30282	METHIOCARB, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 55. Statistical summary of water-quality data at CSW06 (Site 37), May through June 1995—Continued

DATE	TIME	RAIN FALL[1] ACCUM (IN) (00045)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH WATER WHOLE LAB (STAN-DARD UNITS) (00403)	PH WATER WHOLE FIELD (STAN-DARD UNITS) (00400)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
MAY 1995										
01...	2308	0.51	0.53	17.0	--	67	--	6.5	--	--
01...	2318	0.51	0.69	17.0	--	67	--	6.5	--	--
01...	2320	0.51	0.69	17.0	64	67	6.3	6.5	8.3	21
01...	2356	0.51	4.6	17.0	49	44	6.6	6.5	5.9	39
02...	0022	0.51	7.9	17.0	45	41	6.3	6.4	5.6	87
02...	0038	0.51	4.4	16.5	41	38	6.6	6.5	6.1	90
02...	0044	0.51	3.3	16.5	--	--	--	--	--	--
JUN										
19...	0904	1.90	0.69	20.5	53	48	6.5	6.6	9.9	10
19...	1530	1.90	2.0	19.5	37	34	6.6	6.5	8.7	11
19...	1632	1.90	24	18.5	--	--	--	--	--	--
19...	1650	1.90	40	18.0	--	--	--	--	--	--
19...	1700	1.90	34	18.0	22	20	6.6	6.4	6.5	232
19...	1737	1.90	7.6	17.5	--	--	--	--	--	--
19...	1744	1.90	5.3	18.0	25	21	6.9	6.5	7.0	131
28...	1836	0.33	0.56	26.5	--	--	--	--	--	--
28...	1855	0.33	1.2	25.5	--	--	--	--	--	--
28...	1925	0.33	0.56	25.5	--	--	--	--	--	--

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
MAY 1995										
01...	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--
01...	--	7	54	7.1	46	1.1	0.610	0.330	0.77	1.7
01...	--	7	42	6.4	33	1.0	0.490	0.340	0.66	1.5
02...	--	13	34	6.8	33	1.1	0.470	0.300	0.80	1.6
02...	--	54	36	5.0	29	0.90	0.390	0.260	0.64	1.3
02...	--	--	--	--	--	--	--	--	--	--
JUN										
19...	--	4	40	7.6	38	0.70	0.300	0.110	0.59	1.0
19...	--	3	40	4.6	25	0.50	0.120	0.040	0.46	0.62
19...	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--
19...	--	8	30	<2.0	28	0.50	0.120	0.040	0.46	0.62
19...	--	--	--	--	--	--	--	--	--	--
19...	--	8	22	<2.0	15	0.40	0.090	0.030	0.37	0.49
28...	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 47).

Table 55. Statistical summary of water-quality data at CSW06 (Site 37), May through June 1995—Continued

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD) (01027)
MAY 1995										
01...	--	--	<1	17	K37000	K36000	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--
01...	0.180	0.120	--	--	--	--	<1	<1	<10	<1
01...	0.200	0.090	--	11	K25000	K22000	<1	<1	<10	<1
02...	0.350	0.080	--	--	--	--	<1	<1	<10	<1
02...	0.260	0.080	--	--	--	--	--	--	--	--
02...	--	--	--	--	K16000	K11000	--	--	--	--
JUN										
19...	0.200	0.130	--	13	--	--	<1	<1	<10	<1
19...	0.120	0.070	--	9.6	--	--	<1	<1	<10	<1
19...	--	--	--	--	21000	41000	--	--	--	--
19...	--	--	--	--	29000	21000	--	--	--	--
19...	0.330	0.090	--	5.7	--	--	<1	<1	<10	<1
19...	--	--	--	--	29000	27000	--	--	--	--
19...	0.230	0.080	--	--	--	--	--	--	--	--
28...	--	--	<1	--	47000	K28000	--	--	--	--
28...	--	--	--	--	60000	K65000	--	--	--	--
28...	--	--	--	--	K83000	K76000	--	--	--	--

DATE	CHRO-MIUM, TOTAL RECOV-ERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOV-ERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOV-ERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI) (01067)	SELE-NIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOV-ERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
MAY 1995									
01...	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--
01...	2	16	2	<0.10	8	<1	<1	90	<0.010
01...	2	12	3	<0.10	6	<1	<1	80	<0.010
02...	3	12	4	<0.10	8	<1	<1	90	<0.010
02...	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--
JUN									
19...	<1	13	2	<0.10	10	<1	<1	60	<0.010
19...	<1	8	2	<0.10	4	<1	<1	50	<0.010
19...	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--
19...	5	28	3	<0.10	8	<1	<1	50	<0.010
19...	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 47).

Table 56. Statistical summary of water-quality data at CSW07 (Site 43), June 1994 through June 1995

PARAMETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
00061	INSTANTANEOUS DISCHARGE, (ft^3/s)	28	24.000	0.200	5.337	22.200	9.750	2.450	1.003	0.231
00010	WATER TEMPERATURE (°C)	27	29.000	5.000	17.963	28.200	24.500	18.500	12.500	6.400
90095	SPECIFIC CONDUCTANCE, LAB (µS/cm at 25 °C)	23	316.000	37.000	94.522	295.400	118.000	79.000	54.000	37.000
00095	SPECIFIC CONDUCTANCE, FIELD (µS/cm at 25 °C)	24	304.000	33.000	95.750	280.250	115.250	80.000	58.250	33.000
00403	pH, LAB (STANDARD pH UNITS)	23	7.500	6.200	--	7.420	7.000	6.700	6.500	6.220
00400	pH, FIELD (STANDARD pH UNITS)	21	7.500	6.600	--	7.470	7.150	7.000	6.800	6.600
90410	ALKALINITY, LAB (mg/L as $CaCO_3$)	23	145.000	10.000	29.652	133.800	30.000	17.000	15.000	10.600
80154	SUSPENDED SEDIMENT (mg/L)	24	13700.000	44.000	1356.875	11780.000	1124.000	433.500	218.250	56.000
00530	RESIDUE ON EVAPORATION AT 105 °C, SUSPENDED (mg/L)	1	44.000	--	--	--	--	--	--	--
00535	RESIDUE VOLATILE, SUSPENDED (mg/L)	21	1210.000	7.000	140.381	1144.701	112.500	46.000	21.500	7.600
70300	DISSOLVED SOLIDS, RESIDUE AT 180 °C (mg/L)	22	192.000	22.000	63.091	177.000	80.500	61.000	43.000	22.600
00310	5 DAY BIOCHEMICAL OXYGEN DEMAND (mg/L)	7	19.000	2.800	7.629	19.000	8.300	5.700	5.000	2.800
00340	CHEMICAL OXYGEN DEMAND (mg/L)	23	250.000	25.000	71.609	236.000	84.000	54.000	42.000	25.800
00625	NITROGEN AMMONIA + ORGANIC, TOTAL (mg/L as N)	23	4.800	0.400	1.313	4.240	1.500	1.100	0.900	0.460
00631	NO_2 + NO_3, DISSOLVED (mg/L as N)	23	0.890	0.050	0.236	0.856	0.270	0.200	0.090	0.052
00608	NITROGEN AMMONIA, DISSOLVED (mg/L as N)	23	0.570	0.030	0.158	0.556	0.230	0.080	0.050	0.030
00605	NITROGEN ORGANIC, TOTAL (mg/L as N)	23	4.700	0.370	1.150	4.080	1.200	0.920	0.760	0.424
00600	NITROGEN, TOTAL (mg/L as N)	23	5.100	0.450	1.546	4.660	1.800	1.300	1.000	0.516
00665	PHOSPHORUS, TOTAL (mg/L as P)	23	9.000	0.190	1.072	7.560	1.000	0.600	0.450	0.204
00671	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P)	23	0.670	0.010	0.156	0.660	0.140	0.070	0.050	0.012
00556	OIL AND GREASE, TOTAL (mg/L)	3	<1.000	<1.000	--	--	--	--	--	--
00680	CARBON ORGANIC, TOTAL (mg/L)	12	56.000	4.400	17.417	56.000	20.000	14.500	9.900	4.400
31679	FECAL STREPTOCOCCI COLIFORM, (Colonies per 100 ml)	4	47000.000	6900.000	--	--	--	--	--	--
31616	FECAL COLIFORM, (Colonies per 100 ml)	4	25000.000	3100.000	--	--	--	--	--	--
39330	ALDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39340	LINDANE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39350	CHLORDANE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39370	DDT, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39365	DDE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39360	DDD, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39380	DIELDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39388	ENDOSULFAN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39390	ENDRIN, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39410	HEPTACHLOR, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39420	HEPTACHLOR EPOXIDE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39516	PCB, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39400	TOXAPHENE, TOTAL (µg/L)	1	<1.000	--	--	--	--	--	--	--
39034	PERTHANE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39570	DIAZINON, TOTAL (µg/L)	1	0.070	--	--	--	--	--	--	--
39398	ETHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39530	MALATHION, TOTAL (µg/L)	1	0.020	--	--	--	--	--	--	--
39600	METHYL PARATHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39540	PARATHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39786	TRITHION, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39250	PCN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39480	METHOXYCHLOR, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39755	MIREX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39011	DISYSTON, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39023	PHORATE, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
38932	CHLORPYRIFOS, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39040	DEF, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82614	FONOFOS, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
34210	ACROLEIN, TOTAL (µg/L)	1	<20.000	--	--	--	--	--	--	--
34215	ACRYLONITRILE, TOTAL (µg/L)	1	<20.000	--	--	--	--	--	--	--
34030	BENZENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
32104	BROMOFORM, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
32102	CARBON TETRACHLORIDE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34301	CHLOROBENZENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
32105	CHLORODIBROMOTHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34311	CHLOROETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
32106	CHLOROFORM, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34496	1,1-DICHLOROETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
32103	1,2-DICHLOROETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34501	1,1-DICHLOROETHYLENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34541	1,2-DICHLOROPROPANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34371	ETHYLBENZENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34413	METHYL BROMIDE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34423	METHYLENE CHLORIDE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34475	TETRACHLOROETHYLENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34010	TOLUENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34546	1,2-TRANSDICHLOROETHENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34506	1,1,1-TRICHLOROETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34511	1,1,2-TRICHLOROETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
39180	TRICHLOROETHYLENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
39175	VINYL CHLORIDE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
30217	DIBROMOMETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
32101	DICHLOROBROMOMETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 56. Statistical summary of water-quality data at CSW07 (Site 43), June 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
34668	DICHLORODIFLUOROMETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34488	TRICHLOROFLUOROMETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77651	1,2-DIBROMOETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34418	METHYLCHLORIDE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34704	CIS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34699	TRANS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77128	STYRENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
81551	XYLENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
82625	DIBROMOCHLOROPROPANE, TOTAL (µg/L)	3	<1.000	<1.000	--	--	--	--	--	--
77168	1,1-DICHLOROPROPENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77170	2,2-DICHLOROPROPANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77173	1,3-DICHLOROPROPANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77275	0-CHLOROTOLUENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77277	P-CHLOROTOLUENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77443	1,2,3-TRICHLOROPROPANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77562	1,1,1,2-TETRACHLOROETHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
78032	TERTBUTYL METHYL ETHER, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77297	BROMOCHLORO METHANE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77093	CIS-1,2-DICHLOROETHENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (µg/L)	3	<1.000	<1.000	--	--	--	--	--	--
77223	ISOPROPYL BENZENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77224	N-PROPY BENZENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77353	TERTBUTYL BENZENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77222	PSEUDOCUMENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77350	SEC-BUTYL BENZENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77356	P-ISOPROPYL TOLUENE, TOTAL (µg/L)	3	<0.200	<0.200	--	--	--	--	--	--
77342	N-BUTYL BENZENE, TOTAL (µg/L	3	<0.200	<0.200	--	--	--	--	--	--
77613	1,2,3-TRICHLOROBENZENE, TOTAL (µg/L	3	<0.200	<0.200	--	--	--	--	--	--
77652	FREON-113, TOTAL (µg/L	3	<0.200	<0.200	--	--	--	--	--	--
77226	MESITYLENE, TOTAL (µg/L	3	<0.200	<0.200	--	--	--	--	--	--
81555	BROMOBENZENE, TOTAL (µg/L	3	<0.200	<0.200	--	--	--	--	--	--
01097	ANTIMONY, TOTAL (µg/L as Sb)	15	1.000	<1.000	--	1.000	<1.000	<1.000	<1.000	<1.000
01002	ARSENIC, TOTAL (µg/L as As)	15	2.000	<1.000	--	2.000	<1.000	<1.000	<1.000	<1.000
01012	BERYLLIUM, TOTAL (µg/L as Be)	12	10.000	<10.000	--	10.000	<10.000	<10.000	<10.000	<10.000
01027	CADMIUM, TOTAL (µg/L as Cd)	12	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01034	CHROMIUM, TOTAL (µg/L as Cr)	15	680.000	6.000	79.400	680.000	46.000	28.000	16.000	6.000
01042	COPPER, TOTAL (µg/L as Cu)	15	270.000	3.000	46.067	270.000	36.000	14.000	8.000	3.000
01051	LEAD, TOTAL (µg/L as Pb)	15	67.000	2.000	13.000	67.000	12.000	6.000	4.000	2.000
71900	MERCURY, TOTAL (µg/L as Hg)	14	0.700	<0.100	--	0.700	0.100	<0.100	<0.100	<0.100
01067	NICKEL, TOTAL (µg/L as Ni)	15	1200.000	7.000	118.600	1200.000	50.000	19.000	11.000	7.000
01147	SELENIUM, TOTAL (µg/L as Se)	12	2.000	<1.000	--	2.000	<5.000	<1.000	<1.000	<1.000
01077	SILVER, TOTAL (µg/L as Ag)	12	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01092	ZINC, TOTAL (µg/L as Zn)	15	410.000	20.000	96.000	410.000	90.000	60.000	30.000	20.000
00720	CYANIDE, TOTAL (mg/L as Cn)	12	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010
39057	PROMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39056	PROMETONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39054	SIMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
81757	CYANAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
77825	ALACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82611	METRIBUZIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30311	TERBACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30245	CARBOXIN, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30264	HEXAZINONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30235	BUTACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30236	BUTYLATE, TOTAL (µg/L)	1	0.200	--	--	--	--	--	--	--
75981	DEETHYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39630	ATRAZINE, TOTAL (µg/L)	1	0.200	--	--	--	--	--	--	--
39055	SIMAZINE, TOTAL (µg/L)	1	0.200	--	--	--	--	--	--	--
39024	PROPAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82184	AMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39030	TRIFLURALIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82612	METOLACHLOR, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30234	BROMACIL, TOTAL (µg/L)	1	0.300	--	--	--	--	--	--	--
30255	DIPHENAMID, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30324	VERNOLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30254	CYCLOATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30295	PROPACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75980	DEISOPROPYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39730	2,4-D, TOTAL (µg/L)	1	0.740	--	--	--	--	--	--	--
39760	SILVEX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39720	PICLORAM, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39740	2,4,5-T, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82183	2,4-DP, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82052	DICAMBA, TOTAL (µg/L)	1	0.170	--	--	--	--	--	--	--
39750	SEVIN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39051	METHOMYL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82619	ALDICARD, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30296	PROPOXUR, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39052	PROPHAM, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82615	CARBOFURAN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
77441	1-NAPHTHOL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30282	METHIOCARB, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 56. Statistical summary of water-quality data at CSW07 (Site 43), June 1994 through June 1995—Continued

DATE	TIME	RAIN FALL[1] ACCUM (IN) (00045)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUC-TANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH WATER WHOLE LAB (STAN-DARD UNITS) (00403)	PH WATER WHOLE FIELD (STAN-DARD UNITS) (00400)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUN 1994										
22...	1623	0.17	0.75	24.5	316	304	7.5	--	145	207
22...	1648	0.17	2.0	29.0	100	95	6.8	--	30	514
22...	1825	0.17	0.97	27.0	118	113	6.5	--	17	435
JUL										
26...	1836	0.11	0.52	24.5	213	209	7.1	7.5	89	866
27...	1549	0.22	11	26.5	43	39	6.3	6.9	17	13700
27...	1603	0.22	11	27.0	45	42	6.2	6.7	15	6020
27...	1650	0.22	4.1	25.5	--	--	--	--	--	--
27...	1707	0.22	2.1	25.5	54	56	6.3	6.6	13	678
NOV										
27...	0543	1.00	0.86	9.5	101	97	6.9	7.2	30	109
27...	0735	1.00	6.9	8.5	72	70	6.5	7.1	14	252
27...	0834	1.00	4.6	8.5	79	76	6.5	7.0	16	398
27...	1413	1.00	2.2	9.5	87	83	6.6	6.9	21	92
JAN 1995										
13...	2330	0.27	2.2	12.5	79	75	7.0	7.0	28	362
13...	2352	0.27	2.7	12.5	121	116	7.1	7.2	40	357
14...	0830	0.27	0.20	13.0	128	125	7.1	7.1	41	44
14...	1254	1.48	10	15.5	75	73	6.6	6.8	14	1470
14...	1410	1.48	5.3	14.0	81	77	6.7	6.8	17	432
FEB										
15...	1115	0.99	2.7	5.0	--	--	--	--	--	192
APR										
12...	1626	1.17	1.2	18.5	--	135	--	7.2	--	--
12...	1628	1.17	1.1	18.5	127	167	6.9	7.2	41	337
12...	1740	1.17	20	19.0	71	85	6.7	7.0	19	1210
12...	1810	1.17	9.8	19.0	71	85	6.8	6.9	17	2210
23...	1033	0.16	0.27	16.5	--	--	--	--	--	--
JUN										
19...	0841	1.42	0.97	19.5	71	65	6.5	7.1	20	189
19...	1433	1.42	9.6	19.0	37	33	6.7	6.8	10	682
19...	1550	1.42	24	18.5	37	33	6.5	6.6	13	1210
19...	1730	1.42	11	18.5	48	45	7.0	6.7	15	599
19...	2015	1.42	1.4	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 48).

Table 56. Statistical summary of water-quality data at CSW07 (Site 43), June 1994 through June 1995—Continued

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
JUN 1994										
22...	--	--	192	--	30	0.80	0.240	0.080	0.72	1.0
22...	--	--	62	--	46	1.2	0.720	0.280	0.92	1.9
22...	--	--	80	--	48	2.0	0.890	0.570	1.4	2.9
JUL										
26...	--	86	--	--	72	1.0	0.130	0.060	0.94	1.1
27...	--	1210	38	--	250	4.8	0.250	0.070	4.7	5.1
27...	--	557	28	--	180	1.2	0.270	0.090	1.1	1.5
27...	--	--	--	--	--	--	--	--	--	--
27...	--	71	44	--	72	1.0	0.300	0.080	0.92	1.3
NOV										
27...	--	14	64	--	29	1.2	0.320	0.500	0.70	1.5
27...	--	22	48	--	42	1.4	0.190	0.230	1.2	1.6
27...	--	49	62	--	50	1.3	0.200	0.190	1.1	1.5
27...	--	13	82	--	36	0.90	0.120	0.070	0.83	1.0
JAN 1995										
13...	--	41	60	--	48	0.90	0.090	0.040	0.86	0.99
13...	--	43	92	--	48	0.80	0.070	0.040	0.76	0.87
14...	44	7	92	--	25	0.40	0.050	0.030	0.37	0.45
14...	--	139	62	--	84	1.6	0.060	0.050	1.5	1.7
14...	--	46	66	--	59	0.90	0.070	0.030	0.87	0.97
FEB										
15...	--	21	--	--	--	--	--	--	--	--
APR										
12...	--	--	--	--	--	--	--	--	--	--
12...	--	51	84	19	96	1.9	0.410	0.310	1.6	2.3
12...	--	139	46	8.3	110	0.80	0.240	0.160	0.64	1.0
12...	--	284	48	7.3	100	1.1	0.250	0.180	0.92	1.3
23...	--	--	--	--	--	--	--	--	--	--
JUN										
19...	--	21	50	5.7	54	1.5	0.260	0.300	1.2	1.8
19...	--	36	22	5.3	67	1.8	0.100	0.170	1.6	1.9
19...	--	66	26	5.0	60	1.0	0.110	0.060	0.94	1.1
19...	--	32	40	2.8	41	0.70	0.080	0.040	0.66	0.78
19...	--	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 48).

Table 56. Statistical summary of water-quality data at CSW07 (Site 43), June 1994 through June 1995—Continued

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD) (01027)
JUN 1994										
22...	0.430	0.060	--	--	--	--	<1	<1	<10	<1
22...	0.480	0.140	--	--	--	--	<1	<1	<10	<1
22...	0.870	0.270	--	--	--	--	--	--	--	--
JUL										
26...	0.720	0.020	--	23	--	--	<1	1	<10	<1
27...	9.00	<0.010	--	4.4	--	--	<1	2	10	<1
27...	1.80	0.020	--	56	--	--	<1	1	<10	<1
27...	--	--	<1	--	--	--	--	--	--	--
27...	0.550	0.090	--	--	--	--	--	--	--	--
NOV										
27...	0.780	0.450	--	9.2	--	--	<1	<1	<10	<1
27...	1.10	0.670	--	17	--	--	<1	<1	<10	<1
27...	1.00	0.620	--	--	--	--	--	--	--	--
27...	0.690	0.390	--	--	--	--	--	--	--	--
JAN 1995										
13...	0.590	0.040	--	13	--	--	<1	<1	<10	<1
13...	0.500	0.050	<1	15	--	--	<1	<1	<10	<1
14...	0.190	0.050	--	--	--	--	--	--	--	--
14...	1.70	0.060	--	12	--	--	<1	<1	<10	<1
14...	0.450	0.090	--	--	--	--	--	--	--	--
FEB										
15...	--	--	--	--	6900	3100	--	--	--	--
APR										
12...	--	--	--	--	--	--	--	--	--	--
12...	0.600	0.070	--	--	--	--	<1	<1	<10	<1
12...	0.260	0.100	--	--	--	--	<1	<1	<10	<1
12...	0.600	0.070	--	--	--	--	--	--	--	--
23...	--	--	<1	7.4	9400	5100	--	--	--	--
JUN										
19...	0.450	0.070	--	14	29000	21000	<1	<1	--	--
19...	1.00	0.090	--	17	--	--	<1	<1	--	--
19...	0.600	0.070	--	21	--	--	1	<1	--	--
19...	0.290	0.080	--	--	--	--	--	--	--	--
19...	--	--	--	--	47000	25000	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 48).

Table 56. Statistical summary of water-quality data at CSW07 (Site 43), June 1994 through June 1995—Continued

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
JUN 1994									
22...	11	7	2	<0.10	9	<1	<1	40	<0.010
22...	43	14	6	<0.10	50	<1	<1	60	<0.010
22...	--	--	--	--	--	--	--	--	--
JUL									
26...	65	20	7	0.10	85	<1	<1	70	<0.010
27...	680	270	67	0.70	1200	<10	<1	410	<0.010
27...	160	190	41	0.20	230	<5	<1	330	<0.010
27...	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	--	--	--	--
NOV									
27...	6	3	2	<0.10	7	<1	<1	20	<0.010
27...	16	13	4	<0.10	11	<1	<1	30	<0.010
27...	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	--	--	--	--
JAN 1995									
13...	16	9	5	<0.10	19	<1	<1	50	<0.010
13...	17	8	4	<0.10	17	<1	<1	30	<0.010
14...	--	--	--	--	--	--	--	--	--
14...	46	36	16	0.10	25	2	<1	90	<0.010
14...	--	--	--	--	--	--	--	--	--
FEB									
15...	--	--	--	--	--	--	--	--	--
APR									
12...	--	--	--	--	--	--	--	--	--
12...	16	10	5	<0.10	18	<1	<1	40	<0.010
12...	35	44	12	<0.10	44	1	<1	100	<0.010
12...	--	--	--	--	--	--	--	--	--
23...	--	--	--	--	--	--	--	--	--
JUN									
19...	10	8	6	<0.10	7	--	--	30	--
19...	28	23	9	<0.10	19	--	--	70	--
19...	42	36	9	--	38	--	--	70	--
19...	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 48).

Table 57. Statistical summary of water-quality data at CSW08 (Site 33), June 1994 through June 1995

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
00061	INSTANTANEOUS DISCHARGE, (ft^3/s)	31	275.000	0.830	35.640	217.400	54.000	5.000	2.000	1.232
00010	WATER TEMPERATURE (°C)	27	22.500	5.500	16.481	22.500	22.000	19.000	12.500	5.900
90095	SPECIFIC CONDUCTANCE, LAB (µS/cm at 25 °C)	21	151.000	56.000	96.476	150.900	126.000	87.000	63.500	56.200
00095	SPECIFIC CONDUCTANCE, FIELD (µS/cm at 25 °C)	17	160.000	51.000	96.000	160.000	129.000	87.000	59.500	51.000
00403	pH, LAB (STANDARD pH UNITS)	21	7.400	6.100	--	7.400	7.200	6.900	6.500	6.110
00400	pH, FIELD (STANDARD pH UNITS)	17	7.500	6.500	--	7.500	7.350	6.900	6.700	6.500
90410	ALKALINITY, LAB (mg/L as $CaCO_3$)	21	66.000	7.000	32.300	65.700	49.500	22.000	15.500	7.130
80154	SUSPENDED SEDIMENT (mg/L)	24	15200.000	27.000	934.917	11732.500	453.000	176.000	49.500	27.500
00530	RESIDUE ON EVAPORATION AT 105 °C, SUSPENDED (mg/L)	3	324.000	38.000	--	--	--	--	--	--
00535	RESIDUE VOLATILE, SUSPENDED (mg/L)	20	142.000	4.000	40.000	141.850	49.750	22.500	9.000	4.050
70300	DISSOLVED SOLIDS, RESIDUE AT 180 °C (mg/L)	21	126.000	68.000	97.714	125.400	107.000	100.000	84.000	68.600
00310	5 DAY BIOCHEMICAL OXYGEN DEMAND (mg/L)	6	7.800	2.000	4.533	7.800	5.700	4.300	3.350	2.000
00340	CHEMICAL OXYGEN DEMAND (mg/L)	21	170.000	16.000	80.238	170.000	99.000	82.000	42.500	16.400
00625	NITROGEN AMMONIA + ORGANIC, TOTAL (mg/L as N)	21	3.300	0.300	1.090	3.180	1.250	1.000	0.500	0.300
00631	NO_2 + NO_3, DISSOLVED (mg/L as N)	21	0.430	0.070	0.200	0.430	0.230	0.170	0.130	0.073
00608	NITROGEN AMMONIA, DISSOLVED (mg/L as N)	21	1.200	<0.015	0.162*	0.900	0.100	0.070	0.030	<0.015
00605	NITROGEN ORGANIC, TOTAL (mg/L as N)	21	3.200	0.280	0.930	3.050	1.100	0.900	0.485	0.282
00600	NITROGEN, TOTAL (mg/L as N)	21	3.500	0.370	1.288	3.380	1.550	1.200	0.770	0.373
00665	PHOSPHORUS, TOTAL (mg/L as P)	21	1.100	0.040	0.226	1.037	0.245	0.150	0.100	0.042
00671	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P)	21	0.380	0.020	0.091	0.365	0.110	0.050	0.040	0.021
00556	OIL AND GREASE, TOTAL (mg/L)	5	1.000	<1.000	--	--	--	--	--	--
00680	CARBON ORGANIC, TOTAL (mg/L)	11	51.000	6.300	20.682	51.000	26.000	18.000	8.100	6.300
31679	FECAL STREPTOCOCCI COLIFORM, (Colonies per 100 ml)	5	90000.000	10000.000	--	--	--	--	--	--
31616	FECAL COLIFORM, (Colonies per 100 ml)	5	63000.000	3600.000	--	--	--	--	--	--
39330	ALDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39340	LINDANE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39350	CHLORDANE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39370	DDT, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39365	DDE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39360	DDD, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39380	DIELDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39388	ENDOSULFAN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39390	ENDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39410	HEPTACHLOR, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39420	HEPTACHLOR EPOXIDE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39516	PCB, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39400	TOXAPHENE, TOTAL (µg/L)	2	<1.000	<1.000	--	--	--	--	--	--
39034	PERTHANE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39570	DIAZINON, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39398	ETHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39530	MALATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39600	METHYL PARATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39540	PARATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39786	TRITHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39250	PCN, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39480	METHOXYCHLOR, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39755	MIREX, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39011	DISYSTON, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39023	PHORATE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
38932	CHLORPYRIFOS, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39040	DEF, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
82614	FONOFOS, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
34210	ACROLEIN, TOTAL (µg/L)	3	<20.000	<20.000	--	--	--	--	--	--
34215	ACRYLONITRILE, TOTAL (µg/L)	3	<20.000	<20.000	--	--	--	--	--	--
34030	BENZENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
32104	BROMOFORM, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
32102	CARBON TETRACHLORIDE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34301	CHLOROBENZENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
32105	CHLORODIBROMOTHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34311	CHLOROETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
32106	CHLOROFORM, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34496	1,1-DICHLOROETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
32103	1,2-DICHLOROETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34501	1,1-DICHLOROETHYLENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34541	1,2-DICHLOROPROPANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34371	ETHYLBENZENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34413	METHYL BROMIDE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34423	METHYLENE CHLORIDE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34475	TETRACHLOROETHYLENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34010	TOLUENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34546	1,2-TRANSDICHLOROETHENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34506	1,1,1-TRICHLOROETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34511	1,1,2-TRICHLOROETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
39180	TRICHLOROETHYLENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
39175	VINYL CHLORIDE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
30217	DIBROMOMETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 57. Statistical summary of water-quality data at CSW08 (Site 33), June 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
32101	DICHLOROBROMOMETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34668	DICHLORODIFLUOROMETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34488	TRICHLOROFLUOROMETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77651	1,2-DIBROMOETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34418	METHYLCHLORIDE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34704	CIS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34699	TRANS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77128	STYRENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
81551	XYLENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
82625	DIBROMOCHLOROPROPANE, TOTAL (µg/L)	5	<1.000	<1.000	--	--	--	--	--	--
77168	1,1-DICHLOROPROPENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77170	2,2-DICHLOROPROPANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77173	1,3-DICHLOROPROPANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77275	0-CHLOROTOLUENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77277	P-CHLOROTOLUENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77443	1,2,3-TRICHLOROPROPANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77562	1,1,1,2-TETRACHLOROETHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
78032	TERTBUTYL METHYL ETHER, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77297	BROMOCHLORO METHANE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77093	CIS-1,2-DICHLOROETHENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (µg/L)	5	<1.000	<1.000	--	--	--	--	--	--
77223	ISOPROPYL BENZENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77224	N-PROPY BENZENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77353	TERTBUTYL BENZENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77222	PSEUDOCUMENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77350	SEC-BUTYL BENZENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77356	P-ISOPROPYL TOLUENE, TOTAL (µg/L)	5	<0.200	<0.200	--	--	--	--	--	--
77342	N-BUTYL BENZENE, TOTAL (µg/L	5	<0.200	<0.200	--	--	--	--	--	--
77613	1,2,3-TRICHLOROBENZENE, TOTAL (µg/L	5	<0.200	<0.200	--	--	--	--	--	--
77652	FREON-113, TOTAL (µg/L	5	<0.200	<0.200	--	--	--	--	--	--
77226	MESITYLENE, TOTAL (µg/L	5	<0.200	<0.200	--	--	--	--	--	--
81555	BROMOBENZENE, TOTAL (µg/L	5	<0.200	<0.200	--	--	--	--	--	--
01097	ANTIMONY, TOTAL (µg/L as Sb)	12	2.000	<1.000	--	2.000	<1.000	<1.000	<1.000	<1.000
01002	ARSENIC, TOTAL (µg/L as As)	12	1.000	<1.000	--	1.000	<1.000	<1.000	<1.000	<1.000
01012	BERYLLIUM, TOTAL (µg/L as Be)	12	<10.000	<10.000	--	<10.000	<10.000	<10.000	<10.000	<10.000
01027	CADMIUM, TOTAL (µg/L as Cd)	12	2.000	<1.000	--	2.000	<1.000	<1.000	<1.000	<1.000
01034	CHROMIUM, TOTAL (µg/L as Cr)	12	40.000	1.000	9.333	40.000	16.000	3.000	1.250	1.000
01042	COPPER, TOTAL (µg/L as Cu)	12	130.000	2.000	20.583	130.000	27.250	6.000	3.000	2.000
01051	LEAD, TOTAL (µg/L as Pb)	12	23.000	<1.000	9.188*	23.000	18.000	4.000	1.000	1.000
71900	MERCURY, TOTAL (µg/L as Hg)	12	0.100	<0.100	--	0.100	<0.100	<0.100	<0.100	<0.100
01067	NICKEL, TOTAL (µg/L as Ni)	12	10.000	<1.000	4.253*	10.000	7.000	3.000	1.000	<1.000
01147	SELENIUM, TOTAL (µg/L as Se)	12	1.000	<1.000	--	1.000	<1.000	<1.000	<1.000	<1.000
01077	SILVER, TOTAL (µg/L as Ag)	12	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01092	ZINC, TOTAL (µg/L as Zn)	12	70.000	<10.000	22.291*	70.000	30.000	10.000	<10.000	<10.000
00720	CYANIDE, TOTAL (mg/L as Cn)	12	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010
46342	ALACHLOR, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
04040	DEETHYLATRAZINE, DISSOLVED (µg/L)	1	<0.007	--	--	--	--	--	--	--
39632	ATRAZINE, DISSOLVED (µg/L)	1	0.005	--	--	--	--	--	--	--
82686	METHYL AZINPHOS, DISSOLVED (µg/L)	1	<0.040	--	--	--	--	--	--	--
82673	BENFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
04028	BUTYLATE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82680	CARBARYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
82674	CARBOFURAN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
38933	CHLORPYRIFOS, DISSOLVED (µg/L)	1	<0.005	--	--	--	--	--	--	--
04041	CYANAZINE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82682	DCPA, DISSOLVED (µg/L)	1	<0.004	--	--	--	--	--	--	--
34653	P,P' DDE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39572	DIAZINON, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
39381	DIELDRIN, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82660	2,6-DIETHYL ANILINE, DISSOLVED (µg/L)	1	<0.006	--	--	--	--	--	--	--
82662	DIMETH0ATE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82677	DISULFOTON, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82668	EPTC, DISSOLVED (µg/L)	1	<0.005	--	--	--	--	--	--	--
82663	ETHALFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82672	ETHOPROP, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
04095	FONOFOS, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
34253	ALPHA BHC, DISSOLVED (µg/L)	1	<0.007	--	--	--	--	--	--	--
39341	LINDANE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82666	LINURON, DISSOLVED (µg/L)	1	<0.040	--	--	--	--	--	--	--
39532	MALATHION, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82667	METHYL PARATHION, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
39415	METOLACHLOR, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
82630	METRIBUZIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82671	MOLINATE, DISSOLVED (µg/L)	1	<0.007	--	--	--	--	--	--	--
82684	NAPROPAMIDE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39542	ETHYL PARATHION, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82669	PEBULATE, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
82683	PENDIMETHALIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82687	PERMETHRIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 57. Statistical summary of water-quality data at CSW08 (Site 33), June 1994 through June 1995—Continued

PARAMETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
82664	PHORATE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82676	PRONAMIDE, DISSOLVED (µg/L)	1	<0.009	--	--	--	--	--	--	--
04037	PROMETON, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
04024	PROPACHLOR, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82679	PROPANIL, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82685	PROPARGITE, DISSOLVED (µg/L)	1	<0.006	--	--	--	--	--	--	--
04035	SIMAZINE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82681	THIOBENCARB, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82670	TEBUTHIURON, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82665	TERBACIL, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
82675	TERBUFOS, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82678	TRIALLATE, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
82661	TRIFLURALIN, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39742	2,4,5-T, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39732	2,4-D, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38746	2,4-DB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49315	ACIFLUORFEN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49312	ALDICARB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49313	ALDICARB SULFONE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49314	ALDICARB SULFOXIDE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38711	BENTAZON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
04029	BROMACIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49311	BROMOXYNIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49310	CARBARYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49309	CARBOFURAN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49308	3-HYDROXY-CARBOFURAN (µg/L)	1	<0.050	--	--	--	--	--	--	--
49307	CHLORAMBEN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49306	CHLOROTHALONIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49305	CLOPYRALID, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49304	DACTHALMONO-ACID, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38442	DICAMBA, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49303	DICHLOBENIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49302	DICHLORPROP, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49301	DINOSEB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49300	DIURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49299	4,6-DINITRO OCRESOL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49298	ESFENVALERATE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49297	FENURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38811	FLUOMETURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38478	LINURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38482	MCPA, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38487	MCPB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38501	METHIOCARB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49296	METHOMYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49295	1-NAPHTHOL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49294	NEBURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49293	NORFLURAZON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49292	ORYZALIN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38866	OXAMYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49291	PICLORAM, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49236	PROPHAM, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38538	PROPOXUR, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39762	SILVEX, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49235	TRICLOPYR, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39057	PROMETRYNE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39056	PROMETONE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
39054	SIMETRYNE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
81757	CYANAZINE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
77825	ALACHLOR, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
82611	METRIBUZIN, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
30311	TERBACIL, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
30245	CARBOXIN, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
30264	HEXAZINONE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
30235	BUTACHLOR, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
30236	BUTYLATE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
75981	DEETHYLATRAZINE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
39630	ATRAZINE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39055	SIMAZINE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39024	PROPAZINE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
82184	AMETRYNE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39030	TRIFLURALIN, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
82612	METOLACHLOR, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
30234	BROMACIL, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
30255	DIPHENAMID, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
30324	VERNOLATE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
30254	CYCLOATE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
30295	PROPACHLOR, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
75980	DEISOPROPYLATRAZINE, TOTAL (µg/L)	2	<0.200	<0.200	--	--	--	--	--	--
39730	2,4-D, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39760	SILVEX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 57. Statistical summary of water-quality data at CSW08 (Site 33), June 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
39720	PICLORAM, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39740	2,4,5-T, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82183	2,4-DP, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82052	DICAMBA, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39750	SEVIN, TOTAL (µg/L)	2	<0.500	<0.500	--	--	--	--	--	--
39051	METHOMYL, TOTAL (µg/L)	2	<0.500	<0.500	--	--	--	--	--	--
82619	ALDICARD, TOTAL (µg/L)	2	<0.500	<0.500	--	--	--	--	--	--
30296	PROPOXUR, TOTAL (µg/L)	2	<0.500	<0.500	--	--	--	--	--	--
39052	PROPHAM, TOTAL (µg/L)	2	<0.500	<0.500	--	--	--	--	--	--
82615	CARBOFURAN, TOTAL (µg/L)	2	<0.500	<0.500	--	--	--	--	--	--
77441	1-NAPHTHOL, TOTAL (µg/L)	2	<0.500	<0.500	--	--	--	--	--	--
30282	METHIOCARB, TOTAL (µg/L)	2	<0.500	<0.500	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."
* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

DATE	TIME	RAIN FALL[1] ACCUM (IN) (00045)	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPER-ATURE WATER (DEG C) (00010)	SPE-CIFIC CON-DUCT-ANCE LAB (US/CM) (90095)	SPE-CIFIC CON-DUC-TANCE (US/CM) (00095)	PH WATER WHOLE LAB (STAN-DARD UNITS) (00403)	PH WATER WHOLE FIELD (STAN-DARD UNITS) (00400)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SEDI-MENT, SUS-PENDED (MG/L) (80154)
JUN 1994										
26...	2240	1.78	0.83	--	151	--	7.3	--	66	46
27...	0800	1.78	1.9	--	120	--	7.0	--	47	108
27...	0815	1.78	1.9	--	--	--	--	--	--	218
27...	1250	1.78	1.9	--	121	--	6.9	--	46	96
AUG										
05...	1430	0.40	1.5	22.5	--	--	--	--	--	--
05...	1505	0.40	2.0	22.5	--	--	--	--	--	36
16...	2252	2.10	1.8	22.0	120	120	7.4	7.4	47	312
16...	2322	2.10	6.4	22.0	--	--	--	--	--	--
17...	0016	2.10	118	22.0	63	55	6.3	6.9	15	1070
17...	0158	2.10	82	22.0	56	51	6.1	6.7	14	500
17...	0511	2.10	71	22.0	62	58	6.2	6.8	17	246
17...	0712	2.10	43	22.0	64	60	6.3	6.8	16	154
DEC										
04...	1031	0.72	2.4	11.0	143	136	7.1	7.4	57	27
04...	1110	0.72	5.0	11.0	130	128	7.2	7.4	52	64
04...	2018	0.72	2.6	13.0	109	130	6.9	7.2	36	29
JAN 1995										
14...	1446	1.46	4.9	14.5	122	118	7.2	7.3	43	60
14...	1706	1.46	71	14.0	87	87	6.6	6.8	22	1270
14...	1854	1.46	54	13.0	71	69	6.5	6.6	15	304
14...	2225	1.46	31	12.5	76	73	6.6	6.5	16	117
28...	1050	0.47	2.6	7.0	--	--	--	--	--	29
FEB										
15...	1243	3.16	7.0	5.5	--	--	--	--	--	--
16...	1252	3.16	275	6.5	60	--	6.7	--	7.0	15200
16...	1348	3.16	179	6.5	58	--	6.9	--	8.3	774
MAY										
01...	2342	0.87	3.2	14.5	--	--	--	--	--	--
19...	0812	0.86	2.2	19.0	--	160	--	7.20	--	--
19...	0819	0.86	2.0	19.0	150	143	7.3	7.50	63	39
JUN										
06...	0948	1.30	5.0	19.5	133	124	7.4	7.00	55	198
06...	1228	1.30	54	20.0	64	59	6.8	6.70	19	1330
06...	1324	1.30	44	19.5	--	--	--	--	--	--
06...	1508	1.30	26	19.5	66	61	6.5	6.60	17	211
28...	2120	0.75	1.7	22.5	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 49).

Table 57. Statistical summary of water-quality data at CSW08 (Site 33), June 1994 through June 1995—Continued

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
JUN 1994										
26...	38	--	116	--	49	0.50	0.170	0.030	0.47	0.67
27...	--	--	112	--	80	0.80	0.200	0.020	0.78	1.0
27...	--	--	--	--	--	--	--	--	--	--
27...	--	--	126	--	100	1.1	0.260	0.040	1.1	1.4
AUG										
05...	--	--	--	--	--	--	--	--	--	--
05...	--	5	--	--	--	--	--	--	--	--
16...	--	43	100	--	170	0.80	0.100	0.150	0.65	0.90
16...	--	--	--	--	--	--	--	--	--	--
17...	--	142	80	--	54	1.3	0.160	0.140	1.2	1.5
17...	324	52	68	--	120	1.0	0.170	0.100	0.90	1.2
17...	--	28	84	--	86	1.1	0.170	0.070	1.0	1.3
17...	126	21	96	--	85	1.0	0.140	0.080	0.92	1.1
DEC										
04...	--	5	110	--	16	0.30	0.070	<0.015	0.30	0.37
04...	--	15	100	--	24	0.30	0.100	0.020	0.28	0.40
04...	--	6	98	--	43	0.50	0.120	<0.015	0.50	0.62
JAN 1995										
14...	--	12	104	--	42	0.60	0.110	0.020	0.58	0.71
14...	--	139	100	--	170	3.3	0.210	0.100	3.2	3.5
14...	--	36	100	--	98	1.2	0.140	0.070	1.1	1.3
14...	--	16	100	--	82	1.1	0.240	0.070	1.0	1.3
28...	--	4	--	--	--	--	--	--	--	--
FEB										
15...	--	--	--	--	--	--	--	--	--	--
16...	--	83	84	4.2	74	2.0	0.210	1.20	0.80	2.2
16...	--	24	80	3.8	97	2.1	0.220	0.900	1.2	2.3
MAY										
01...	--	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--	--
19...	--	9	120	5.0	20	0.40	0.430	0.090	0.31	0.83
JUN										
06...	--	9	104	2.0	42	0.50	0.340	0.060	0.44	0.84
06...	--	119	74	7.8	150	1.8	0.210	0.140	1.7	2.0
06...	--	--	--	--	--	--	--	--	--	--
06...	--	32	96	4.4	83	1.2	0.430	0.080	1.1	1.6
28...	--	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 49).

Table 57. Statistical summary of water-quality data at CSW08 (Site 33), June 1994 through June 1995—Continued

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD) (01027)
JUN 1994										
26...	0.140	0.040	--	--	--	--	<1	<1	<10	<1
27...	0.190	0.040	--	--	--	--	1	<1	<10	<1
27...	--	--	1	18	--	--	--	--	--	--
27...	0.210	0.040	--	--	--	--	--	--	--	--
AUG										
05...	--	--	<1	--	--	--	--	--	--	--
05...	--	--	--	--	--	--	--	--	--	--
16...	0.140	0.120	--	21	--	--	<1	<1	<10	<1
16...	--	--	<1	--	--	--	--	--	--	--
17...	0.240	0.160	--	51	--	--	<1	<1	<10	<1
17...	0.140	0.080	--	--	--	--	--	--	--	--
17...	0.150	0.090	--	--	--	--	--	--	--	--
17...	0.100	0.050	--	--	--	--	--	--	--	--
DEC										
04...	0.060	0.020	--	6.3	--	--	<1	1	<10	<1
04...	0.070	0.030	--	8.1	--	--	<1	<1	<10	<1
04...	0.080	0.040	--	--	--	--	--	--	--	--
JAN 1995										
14...	0.110	0.030	--	11	--	--	<1	<1	<10	<1
14...	1.10	0.230	--	26	--	--	<1	<1	<10	<1
14...	0.250	0.100	--	--	--	--	--	--	--	--
14...	0.150	0.080	--	--	--	--	--	--	--	--
28...	--	--	<1	--	--	--	--	--	--	--
FEB										
15...	--	--	--	--	K11000	K9000	--	--	--	--
16...	0.470	0.380	--	18	K10000	5800	2	1	<10	<1
16...	0.390	0.190	--	--	--	--	--	--	--	--
MAY										
01...	--	--	--	--	--	--	--	--	--	--
19...	--	--	<1	7.1	K13000	3600	--	--	--	--
19...	0.040	0.040	--	--	--	--	<1	<1	<10	2
JUN										
06...	0.100	0.040	--	14	--	--	<1	<1	<10	<1
06...	0.450	0.070	--	47	--	--	<1	<1	<10	<1
06...	--	--	--	--	K90000	32000	--	--	--	--
06...	0.170	0.040	--	--	--	--	--	--	--	--
28...	--	--	--	--	56000	K63000	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 49).

Table 57. Statistical summary of water-quality data at CSW08 (Site 33), June 1994 through June 1995—Continued

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
JUN 1994									
26...	2	3	<1	<0.10	1	<1	<1	10	<0.010
27...	2	5	4	<0.10	2	<1	<1	<10	<0.010
27...	--	--	--	--	--	--	--	--	--
27...	--	--	--	--	--	--	--	--	--
AUG									
05...	--	--	--	--	--	--	--	--	--
05...	--	--	--	--	--	--	--	--	--
16...	7	7	8	0.10	4	<1	<1	20	<0.010
16...	--	--	--	--	--	--	--	--	--
17...	20	22	20	<0.10	10	<1	<1	50	<0.010
17...	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--
DEC									
04...	1	2	2	<0.10	5	<1	<1	10	<0.010
04...	1	3	1	<0.10	1	<1	<1	<10	<0.010
04...	--	--	--	--	--	--	--	--	--
JAN 1995									
14...	2	3	1	<0.10	<1	<1	<1	<10	<0.010
14...	16	130	18	<0.10	7	1	<1	70	<0.010
14...	--	--	--	--	--	--	--	--	--
14...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--
FEB									
15...	--	--	--	--	--	--	--	--	--
16...	40	33	23	<0.10	8	<1	<1	60	<0.010
16...	--	--	--	--	--	--	--	--	--
MAY									
01...	--	--	--	--	--	--	--	--	--
19...	--	--	--	--	--	--	--	--	--
19...	1	3	1	<0.10	<1	<1	<1	<10	<0.010
JUN									
06...	4	7	19	<0.10	3	<1	<1	<10	<0.010
06...	16	29	13	<0.10	9	<1	<1	30	<0.010
06...	--	--	--	--	--	--	--	--	--
06...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 49).

Table 58. Statistical summary of water-quality data at CSW09 (Site 34), June 1994 through June 1995

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
00061	INSTANTANEOUS DISCHARGE, (ft^3/s)	26	463.000	2.800	77.881	449.350	76.000	30.000	13.750	4.130
00010	WATER TEMPERATURE (°C)	23	23.000	6.000	14.891	23.000	20.500	14.000	11.000	6.000
90095	SPECIFIC CONDUCTANCE, LAB (µS/cm at 25 °C)	19	103.000	37.000	68.789	103.000	83.000	62.000	55.000	37.000
00095	SPECIFIC CONDUCTANCE, FIELD (µS/cm at 25 °C)	17	109.000	48.000	66.235	109.000	75.500	62.000	54.000	48.000
00403	pH, LAB (STANDARD pH UNITS)	19	7.200	6.100	--	7.200	6.900	6.600	6.400	6.100
00400	pH, FIELD (STANDARD pH UNITS)	17	7.200	6.200	--	7.200	7.100	6.900	6.600	6.200
90410	ALKALINITY, LAB (mg/L as $CaCO_3$)	19	33.000	6.200	17.411	33.000	23.000	16.000	11.000	6.200
80154	SUSPENDED SEDIMENT (mg/L)	20	5370.000	320.000	1928.050	5353.500	2797.500	1350.000	787.750	338.550
00535	RESIDUE VOLATILE, SUSPENDED (mg/L)	17	328.000	18.000	114.235	328.000	136.500	89.000	60.500	18.000
70300	DISSOLVED SOLIDS, RESIDUE AT 180 °C (mg/L)	19	90.000	34.000	61.053	90.000	70.000	60.000	52.000	34.000
00310	5 DAY BIOCHEMICAL OXYGEN DEMAND (mg/L)	7	24.000	2.700	10.943	24.000	21.000	4.800	3.900	2.700
00340	CHEMICAL OXYGEN DEMAND (mg/L)	19	220.000	40.000	97.211	220.000	150.000	73.000	57.000	40.000
00625	NITROGEN AMMONIA + ORGANIC, TOTAL (mg/L as N)	19	6.100	0.600	1.863	6.100	2.600	1.200	0.800	0.600
00631	NO_2 + NO_3, DISSOLVED (mg/L as N)	19	0.770	0.140	0.377	0.770	0.590	0.300	0.200	0.140
00608	NITROGEN AMMONIA, DISSOLVED (mg/L as N)	19	0.500	0.050	0.165	0.500	0.210	0.100	0.070	0.050
00605	NITROGEN ORGANIC, TOTAL (mg/L as N)	19	5.700	0.480	1.704	5.700	2.500	0.950	0.710	0.480
00600	NITROGEN, TOTAL (mg/L as N)	19	6.800	0.840	2.244	6.800	3.000	1.500	1.100	0.840
00665	PHOSPHORUS, TOTAL (mg/L as P)	19	1.700	0.140	0.539	1.700	0.760	0.290	0.160	0.140
00671	PHOSPHORUS ORTHO, DISSOLVED (mg/L as P)	19	0.120	0.030	0.074	0.120	0.100	0.070	0.050	0.030
00556	OIL AND GREASE, TOTAL (mg/L)	3	4.000	<1.000	--	--	--	--	--	--
00680	CARBON ORGANIC, TOTAL (mg/L)	11	38.000	11.000	22.545	38.000	29.000	22.000	18.000	11.000
31679	FECAL STREPTOCOCCI COLIFORM, (Colonies per 100 ml)	4	130000.000	5500.000	--	--	--	--	--	--
31616	FECAL COLIFORM, (Colonies per 100 ml)	4	33000.000	3000.000	--	--	--	--	--	--
39330	ALDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39340	LINDANE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39350	CHLORDANE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39370	DDT, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39365	DDE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39360	DDD, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39380	DIELDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39388	ENDOSULFAN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39390	ENDRIN, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39410	HEPTACHLOR, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39420	HEPTACHLOR EPOXIDE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39516	PCB, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39400	TOXAPHENE, TOTAL (µg/L)	2	<1.000	<1.000	--	--	--	--	--	--
39034	PERTHANE, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39570	DIAZINON, TOTAL (µg/L)	2	0.020	0.010	--	--	--	--	--	--
39398	ETHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39530	MALATHION, TOTAL (µg/L)	2	0.010	<0.010	--	--	--	--	--	--
39600	METHYL PARATHION, TOTAL (µg/L)	2	0.010	<0.010	--	--	--	--	--	--
39540	PARATHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39786	TRITHION, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39250	PCN, TOTAL (µg/L)	2	<0.100	<0.100	--	--	--	--	--	--
39480	METHOXYCHLOR, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39755	MIREX, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39011	DISYSTON, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
39023	PHORATE, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
38932	CHLORPYRIFOS, TOTAL (µg/L)	2	0.010	<0.010	--	--	--	--	--	--
39040	DEF, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
82614	FONOFOS, TOTAL (µg/L)	2	<0.010	<0.010	--	--	--	--	--	--
34210	ACROLEIN, TOTAL (µg/L)	1	<20.000	--	--	--	--	--	--	--
34215	ACRYLONITRILE, TOTAL (µg/L)	1	<20.000	--	--	--	--	--	--	--
34030	BENZENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
32104	BROMOFORM, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
32102	CARBON TETRACHLORIDE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34301	CHLOROBENZENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
32105	CHLORODIBROMOTHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34311	CHLOROETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
32106	CHLOROFORM, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34496	1,1-DICHLOROETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
32103	1,2-DICHLOROETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34501	1,1-DICHLOROETHYLENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34541	1,2-DICHLOROPROPANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34371	ETHYLBENZENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34413	METHYL BROMIDE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34423	METHYLENE CHLORIDE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34475	TETRACHLOROETHYLENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34010	TOLUENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34546	1,2-TRANSDICHLOROETHENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34506	1,1,1-TRICHLOROETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34511	1,1,2-TRICHLOROETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
39180	TRICHLOROETHYLENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
39175	VINYL CHLORIDE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
30217	DIBROMOMETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
32101	DICHLOROBROMOMETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34668	DICHLORODIFLUOROMETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 58. Statistical summary of water-quality data at CSW09 (Site 34), June 1994 through June 1995—Continued

PARAM-ETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
34488	TRICHLOROFLUOROMETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77651	1,2-DIBROMOETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34418	METHYLCHLORIDE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34704	CIS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34699	TRANS 1,3-DICHLOROPROPENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77128	STYRENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
81551	XYLENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
82625	DIBROMOCHLOROPROPANE, TOTAL (µg/L)	3	<4.000	<1.000	--	--	--	--	--	--
77168	1,1-DICHLOROPROPENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77170	2,2-DICHLOROPROPANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77173	1,3-DICHLOROPROPANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77275	0-CHLOROTOLUENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77277	P-CHLOROTOLUENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77443	1,2,3-TRICHLOROPROPANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77562	1,1,1,2-TETRACHLOROETHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
78032	TERTBUTYL METHYL ETHER, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77297	BROMOCHLORO METHANE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77093	CIS-1,2-DICHLOROETHENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (µg/L)	3	<4.000	<1.000	--	--	--	--	--	--
77223	ISOPROPYL BENZENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77224	N-PROPY BENZENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77353	TERTBUTYL BENZENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77222	PSEUDOCUMENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77350	SEC-BUTYL BENZENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77356	P-ISOPROPYL TOLUENE, TOTAL (µg/L)	3	<0.800	<0.200	--	--	--	--	--	--
77342	N-BUTYL BENZENE, TOTAL (µg/L	3	<0.800	<0.200	--	--	--	--	--	--
77613	1,2,3-TRICHLOROBENZENE, TOTAL (µg/L	3	<0.800	<0.200	--	--	--	--	--	--
77652	FREON-113, TOTAL (µg/L	3	<0.800	<0.200	--	--	--	--	--	--
77226	MESITYLENE, TOTAL (µg/L	3	<0.800	<0.200	--	--	--	--	--	--
81555	BROMOBENZENE, TOTAL (µg/L	3	<0.800	<0.200	--	--	--	--	--	--
01097	ANTIMONY, TOTAL (µg/L as Sb)	14	1.000	<1.000	--	1.000	<1.000	<1.000	<1.000	<1.000
01002	ARSENIC, TOTAL (µg/L as As)	14	1.000	<1.000	--	1.000	1.000	<1.000	<1.000	<1.000
01012	BERYLLIUM, TOTAL (µg/L as Be)	12	<10.000	<10.000	--	<10.000	<10.000	<10.000	<10.000	<10.000
01027	CADMIUM, TOTAL (µg/L as Cd)	12	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01034	CHROMIUM, TOTAL (µg/L as Cr)	12	24.000	7.000	13.250	24.000	15.000	11.500	10.250	7.000
01042	COPPER, TOTAL (µg/L as Cu)	12	50.000	14.000	25.417	50.000	32.500	23.000	16.750	14.000
01051	LEAD, TOTAL (µg/L as Pb)	12	35.000	13.000	20.083	35.000	26.000	19.000	13.750	13.000
71900	MERCURY, TOTAL (µg/L as Hg)	14	0.100	<0.100	--	0.100	0.100	<0.100	<0.100	<0.100
01067	NICKEL, TOTAL (µg/L as Ni)	12	14.000	6.000	9.750	14.000	12.000	9.000	7.250	6.000
01147	SELENIUM, TOTAL (µg/L as Se)	14	2.000	<1.000	--	2.000	<2.000	<1.000	<1.000	<1.000
01077	SILVER, TOTAL (µg/L as Ag)	12	<1.000	<1.000	--	<1.000	<1.000	<1.000	<1.000	<1.000
01092	ZINC, TOTAL (µg/L as Zn)	12	170.000	50.000	99.167	170.000	127.500	95.000	65.000	50.000
00720	CYANIDE, TOTAL (mg/L as Cn)	14	<0.010	<0.010	--	<0.010	<0.010	<0.010	<0.010	<0.010
46342	ALACHLOR, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
04040	DEETHYLATRAZINE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39632	ATRAZINE, DISSOLVED (µg/L)	1	0.008	--	--	--	--	--	--	--
82686	METHYL AZINPHOS, DISSOLVED (µg/L)	1	<0.070	--	--	--	--	--	--	--
82673	BENFLURALIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
04028	BUTYLATE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82680	CARBARYL, DISSOLVED (µg/L)	1	0.040	--	--	--	--	--	--	--
82674	CARBOFURAN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
38933	CHLORPYRIFOS, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
04041	CYANAZINE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82682	DCPA, DISSOLVED (µg/L)	1	<0.008	--	--	--	--	--	--	--
34653	P,P' DDE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
39572	DIAZINON, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
39381	DIELDRIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82660	2,6-DIETHYL ANILINE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82662	DIMETHOATE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
82677	DISULFOTON, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82668	EPTC, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82663	ETHALFLURALIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82672	ETHOPROP, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
04095	FONOFOS, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
34253	ALPHA BHC, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
39341	LINDANE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82666	LINURON, DISSOLVED (µg/L)	1	<0.070	--	--	--	--	--	--	--
39532	MALATHION, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82667	METHYL PARATHION, DISSOLVED (µg/L)	1	<0.070	--	--	--	--	--	--	--
39415	METOLACHLOR, DISSOLVED (µg/L)	1	0.003	--	--	--	--	--	--	--
82630	METRIBUZIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82671	MOLINATE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
82684	NAPROPAMIDE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
39542	ETHYL PARATHION, DISSOLVED (µg/L)	1	<0.040	--	--	--	--	--	--	--
82669	PEBULATE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82683	PENDIMETHALIN, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
82687	PERMETHRIN, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
82664	PHORATE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82676	PRONAMIDE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
04037	PROMETON, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
04024	PROPACHLOR, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
82679	PROPANIL, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 58. Statistical summary of water-quality data at CSW09 (Site 34), June 1994 through June 1995—Continued

PARAMETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
82685	PROPARGITE, DISSOLVED (µg/L)	1	<0.010	--	--	--	--	--	--	--
04035	SIMAZINE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82681	THIOBENCARB, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82670	TEBUTHIURON, DISSOLVED (µg/L)	1	<0.030	--	--	--	--	--	--	--
82665	TERBACIL, DISSOLVED (µg/L)	1	<0.060	--	--	--	--	--	--	--
82675	TERBUFOS, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82678	TRIALLATE, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
82661	TRIFLURALIN, DISSOLVED (µg/L)	1	<0.020	--	--	--	--	--	--	--
39742	2,4,5-T, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39732	2,4-D, DISSOLVED (µg/L)	1	1.800	--	--	--	--	--	--	--
38746	2,4-DB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49315	ACIFLUORFEN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49312	ALDICARB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49313	ALDICARB SULFONE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49314	ALDICARB SULFOXIDE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38711	BENTAZON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
04029	BROMACIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49311	BROMOXYNIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49310	CARBARYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49309	CARBOFURAN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49308	3-HYDROXY-CARBOFURAN (µg/L)	1	<0.050	--	--	--	--	--	--	--
49307	CHLORAMBEN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49306	CHLOROTHALONIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49305	CLOPYRALID, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49304	DACTHALMONO-ACID, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38442	DICAMBA, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49303	DICHLOBENIL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49302	DICHLORPROP, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49301	DINOSEB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49300	DIURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49299	4,6-DINITRO OCRESOL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49298	ESFENVALERATE, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49297	FENURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38811	FLUOMETURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38478	LINURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38482	MCPA, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38487	MCPB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38501	METHIOCARB, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49296	METHOMYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49295	1-NAPHTHOL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49294	NEBURON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49293	NORFLURAZON, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49292	ORYZALIN, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38866	OXAMYL, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49291	PICLORAM, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49236	PROPHAM, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
38538	PROPOXUR, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
39762	SILVEX, DISSOLVED (µg/L)	1	<0.050	--	--	--	--	--	--	--
49235	TRICLOPYR, DISSOLVED (µg/L)	1	0.490	--	--	--	--	--	--	--
39057	PROMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39056	PROMETONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39054	SIMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
81757	CYANAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
77825	ALACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82611	METRIBUZIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30311	TERBACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30245	CARBOXIN, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30264	HEXAZINONE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30235	BUTACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30236	BUTYLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75981	DEETHYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39630	ATRAZINE, TOTAL (µg/L)	1	0.100	--	--	--	--	--	--	--
39055	SIMAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39024	PROPAZINE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82184	AMETRYNE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
39030	TRIFLURALIN, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
82612	METOLACHLOR, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30234	BROMACIL, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
30255	DIPHENAMID, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30324	VERNOLATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30254	CYCLOATE, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
30295	PROPACHLOR, TOTAL (µg/L)	1	<0.100	--	--	--	--	--	--	--
75980	DEISOPROPYLATRAZINE, TOTAL (µg/L)	1	<0.200	--	--	--	--	--	--	--
39730	2,4-D, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39760	SILVEX, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39720	PICLORAM, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39740	2,4,5-T, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82183	2,4-DP, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
82052	DICAMBA, TOTAL (µg/L)	1	<0.010	--	--	--	--	--	--	--
39750	SEVIN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39051	METHOMYL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82619	ALDICARD, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."

* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

Table 58. Statistical summary of water-quality data at CSW09 (Site 34), June 1994 through June 1995—Continued

PARAMETER CODE	PROPERTY OR CONSTITUENT	DESCRIPTIVE STATISTICS				PERCENT OF SAMPLES IN WHICH VALUES WERE LESS THAN OR EQUAL TO THOSE SHOWN				
		SAMPLE SIZE	MAXIMUM	MINIMUM	MEAN	95%	75%	50% (median)	25%	5%
30296	PROPOXUR, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
39052	PROPHAM, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
82615	CARBOFURAN, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
77441	1-NAPHTHOL, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--
30282	METHIOCARB, TOTAL (µg/L)	1	<0.500	--	--	--	--	--	--	--

NOTE: Multiple detection limits during the period of record may result in different values flagged with a "<."
* Value is estimated by using a log-probability regression to predict the values of data below the detection limit.

DATE	TIME	RAIN FALL[1] ACCUM (IN) (00045)	DISCHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPERATURE WATER (DEG C) (00010)	SPECIFIC CONDUCTANCE LAB (US/CM) (90095)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE LAB (STANDARD UNITS) (00403)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	ALKALINITY LAB (MG/L AS CACO3) (90410)	SEDIMENT, SUSPENDED (MG/L) (80154)
JUN 1994										
26...	2010	0.71	2.8	--	89	--	6.8	--	33	1380
26...	2130	0.71	33	--	62	--	6.8	--	16	2040
26...	2220	0.71	15	--	103	--	7.2	--	29	901
AUG										
05...	1240	0.91	6.6	22.0	64	62	6.3	7.2	19	1140
05...	1335	0.91	130	23.0	54	49	6.4	6.9	11	3050
05...	1410	0.91	66	23.0	--	--	--	--	--	--
05...	1455	0.91	21	23.0	62	59	7.1	7.0	16	3330
DEC										
04...	0905	0.57	8.7	11.0	89	109	6.9	7.2	27	5370
04...	1016	0.57	32	11.5	62	59	6.6	6.9	14	1110
JAN 1995										
14...	1242	1.77	13	14.0	92	87	6.9	7.1	23	691
14...	1329	1.77	25	14.0	82	77	6.7	6.8	16	1320
14...	1646	1.77	268	14.0	53	49	6.7	6.6	11	5040
14...	1745	1.77	106	13.5	55	52	6.4	6.5	10	2010
28...	0720	0.42	7.8	7.0	--	--	--	--	--	320
FEB										
15...	1128	4.13	17	6.5	--	--	--	--	--	--
16...	1222	4.13	463	6.0	37	--	6.4	--	6.2	1930
16...	1239	4.13	424	6.0	--	--	--	--	--	--
APR										
30...	1823	0.71	21	11.0	83	74	6.4	7.1	24	3510
30...	1830	0.71	28	11.0	--	74	--	7.1	--	--
30...	1900	0.71	60	12.0	62	59	6.1	6.6	9.6	749
30...	1926	0.71	32	13.0	74	68	6.3	6.8	13	1870
MAY										
19...	0725	0.52	13	19.5	--	79	--	6.2	--	--
JUN										
06...	0948	1.22	14	20.0	71	65	6.6	7.2	22	730
06...	1108	1.22	106	20.5	52	48	6.4	6.7	15	1320
06...	1246	1.22	58	20.5	61	56	6.9	6.6	16	750
06...	1254	1.22	54	20.5	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 50).

Table 58. Statistical summary of water-quality data at CSW09 (Site 34), June 1994 through June 1995—Continued

DATE	RESIDUE TOTAL AT 105 DEG. C, SUS-PENDED (MG/L) (00530)	RESIDUE VOLA-TILE, SUS-PENDED (MG/L) (00535)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L) (00310)	OXYGEN DEMAND, CHEM-ICAL (HIGH LEVEL) (MG/L) (00340)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN, TOTAL (MG/L AS N) (00600)
JUN 1994										
26...	--	--	86	--	220	3.2	0.770	0.140	3.1	4.0
26...	--	--	70	--	75	1.8	0.590	0.210	1.6	2.4
26...	--	--	90	--	53	0.60	0.740	0.120	0.48	1.3
AUG										
05...	--	113	38	--	120	2.6	0.380	0.100	2.5	3.0
05...	--	140	44	--	73	1.2	0.470	0.350	0.85	1.7
05...	--	--	--	--	--	--	--	--	--	--
05...	--	64	34	--	61	1.3	0.240	0.060	1.2	1.5
DEC										
04...	--	89	66	--	57	0.90	0.380	0.050	0.85	1.3
04...	--	78	50	--	63	1.3	0.210	0.130	1.2	1.5
JAN 1995										
14...	--	66	76	--	70	1.0	0.300	0.050	0.95	1.3
14...	--	91	68	--	77	1.8	0.170	0.130	1.7	2.0
14...	--	133	52	--	88	0.90	0.140	0.070	0.83	1.0
14...	--	88	68	--	160	0.70	0.170	0.050	0.65	0.87
28...	--	26	--	--	--	--	--	--	--	--
FEB										
15...	--	--	--	--	--	--	--	--	--	--
16...	--	111	56	2.7	69	1.0	0.200	0.080	0.92	1.2
16...	--	--	--	--	--	--	--	--	--	--
APR										
30...	--	328	64	24	190	6.1	0.650	0.400	5.7	6.8
30...	--	--	--	--	--	--	--	--	--	--
30...	--	313	52	21	180	4.4	0.470	0.500	3.9	4.9
30...	--	171	54	16	150	4.4	0.640	0.440	4.0	5.0
MAY										
19...	--	--	--	--	--	--	--	--	--	--
JUN										
06...	--	57	60	3.9	52	0.70	0.230	0.080	0.62	0.93
06...	--	56	58	4.8	40	0.70	0.140	0.090	0.61	0.84
06...	--	18	74	4.2	49	0.80	0.270	0.090	0.71	1.1
06...	--	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 50).

Table 58. Statistical summary of water-quality data at CSW09 (Site 34), June 1994 through June 1995—Continued

DATE	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	OIL AND GREASE, TOTAL RECOV. GRAVI-METRIC (MG/L) (00556)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)	STREP-TOCOCCI FECAL, (COLS. PER 100 ML) (31679)	COLI-FORM, FECAL, 0.45 UM-MF (COLS./ 100 ML) (31616)	ANTI-MONY, TOTAL (UG/L AS SB) (01097)	ARSENIC TOTAL (UG/L AS AS) (01002)	BERYL-LIUM, TOTAL RECOV-ERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOV-ERABLE (UG/L AS CD) (01027)
JUN 1994										
26...	1.30	0.120	--	--	--	--	<1	<1	<10	<1
26...	0.760	0.070	--	--	--	--	<1	<1	<10	<1
26...	0.150	0.030	--	--	--	--	--	--	--	--
AUG										
05...	0.680	0.090	--	29	--	--	<1	1	<10	<1
05...	0.190	0.090	--	25	--	--	<1	1	<10	<1
05...	--	--	4	--	--	--	--	--	--	--
05...	0.340	0.030	--	--	--	--	--	--	--	--
DEC										
04...	0.260	0.030	--	13	--	--	<1	<1	<10	<1
04...	0.380	0.110	--	18	--	--	<1	<1	<10	<1
JAN 1995										
14...	0.280	0.050	--	20	--	--	<1	<1	<10	<1
14...	0.480	0.060	--	30	--	--	<1	<1	<10	<1
14...	0.230	0.080	--	38	--	--	<1	<1	<10	<1
14...	0.150	0.090	--	--	--	--	--	--	--	--
28...	--	--	<1	--	--	--	--	--	--	--
FEB										
15...	--	--	--	--	5500	3000	--	--	--	--
16...	0.290	0.100	--	11	--	--	<1	<1	<10	<1
16...	--	--	--	--	K9300	6000	--	--	--	--
APR										
30...	1.70	0.060	--	--	--	--	1	1	--	--
30...	--	--	--	--	--	--	--	--	--	--
30...	1.30	0.060	--	--	--	--	<1	1	--	--
30...	1.30	0.110	--	--	--	--	--	--	--	--
MAY										
19...	--	--	<1	22	K130000	33000	--	--	--	--
JUN										
06...	0.150	0.050	--	19	--	--	<1	<1	<10	<1
06...	0.140	0.070	--	23	--	--	<1	<1	<10	<1
06...	0.160	0.100	--	--	--	--	--	--	--	--
06...	--	--	--	--	K68000	30000	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 50).

Table 58. Statistical summary of water-quality data at CSW09 (Site 34), June 1994 through June 1995—Continued

DATE	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	SILVER, TOTAL RECOVERABLE (UG/L AS AG) (01077)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)	CYANIDE TOTAL (MG/L AS CN) (00720)
JUN 1994									
26...	8	28	19	<0.10	11	<2	<1	100	<0.010
26...	20	26	35	<0.10	14	<2	<1	170	<0.010
26...	--	--	--	--	--	--	--	--	--
AUG									
05...	12	34	16	0.10	9	<2	<1	90	<0.010
05...	24	50	28	0.10	12	<2	<1	140	<0.010
05...	--	--	--	--	--	--	--	--	--
05...	--	--	--	--	--	--	--	--	--
DEC									
04...	15	21	19	<0.10	12	<1	<1	120	<0.010
04...	7	14	13	<0.10	7	<1	<1	60	<0.010
JAN 1995									
14...	15	19	18	<0.10	13	<1	<1	130	<0.010
14...	11	16	20	<0.10	9	<1	<1	80	<0.010
14...	15	37	28	<0.10	9	1	<1	110	<0.010
14...	--	--	--	--	--	--	--	--	--
28...	--	--	--	--	--	--	--	--	--
FEB									
15...	--	--	--	--	--	--	--	--	--
16...	11	25	19	<0.10	6	<1	<1	80	<0.010
16...	--	--	--	--	--	--	--	--	--
APR									
30...	--	--	--	0.10	--	2	--	--	<0.010
30...	--	--	--	--	--	--	--	--	--
30...	--	--	--	0.10	--	1	--	--	<0.010
30...	--	--	--	--	--	--	--	--	--
MAY									
19...	--	--	--	--	--	--	--	--	--
JUN									
06...	10	15	13	<0.10	8	<1	<1	60	<0.010
06...	11	20	13	<0.10	7	<1	<1	50	<0.010
06...	--	--	--	--	--	--	--	--	--
06...	--	--	--	--	--	--	--	--	--

K - Results based on colony count outside the acceptable range (nonideal colony count).
[1]Total for the storm event (table 50).