WATER QUALITY OF THE CHARLOTTE HARBOR ESTUARINE SYSTEM, FLORIDA, NOVEMBER 1982 THROUGH OCTOBER 1984

By Yvonne E. Stoker

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UNITED STATES DEPARTMENT OF THE INTERIOR

DONALD PAUL HODEL, Secretary

GEOLOGICAL SURVEY

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CONVERSION FACTORS

For use of readers who prefer to use metric units, conversion factors for terms used in this report are listed below:

Multiply	By	To obtain
inch (in.)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
square mile (mi^2)	2.590	square kilometer (km^2)
cubic foot per second (ft^3/s)	0.02832	cubic meter per second (m^3/s)

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

$$°C = (°F-32)/1.8.$$

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ABSTRACT

The U.S. Geological Survey is conducting a multidisciplinary, 7-year study of the Charlotte Harbor estuarine system, southwest Florida. A large part of the study is devoted to the collection, analysis, and interpretation of water-quality data, including physical, chemical, and biological characteristics. This report presents the water-quality data collected during the first 2 years of water-quality data collection, November 1982 through October 1984. Methods of data collection and analysis are outlined and information on sample locations and frequency of sampling is provided.

INTRODUCTION

The Charlotte Harbor estuarine system in southwest Florida (fig. 1) is facing large population growth in its basin. Because of concerns about the environmental impact of growth, the Governor of Florida established a committee of local, regional, and State agencies to recommend a course of action that Florida should take in planning for this growth. The committee, through its Technical Advisory Committee (TAC), asked the U.S. Geological Survey to prepare a proposal and a plan of study for a comprehensive environmental assessment of the Charlotte Harbor estuarine system. The Geological Survey, in cooperation with the TAC, prepared a proposal in 1980 and a plan of study in 1981. Based on these documents and subsequent TAC meetings, the Geological Survey, in cooperation with the Florida Department of Environmental Regulation, began a multidisciplinary, 7-year study of the Charlotte Harbor estuarine system in July 1982. Water-quality sampling began in November 1982. The objective of the study is to describe the current environmental conditions in the estuarine system and, based on this knowledge, project the impact that future growth and development would have on the estuarine environment.

Purpose and Scope

The purpose of this report is to present the water-quality data collected during the first 2 years of sample collection and to provide information on sample locations, frequency of sampling, and field collection procedures. The water-quality data collected from November 1982 through October 1984 are presented in tables and illustrations.

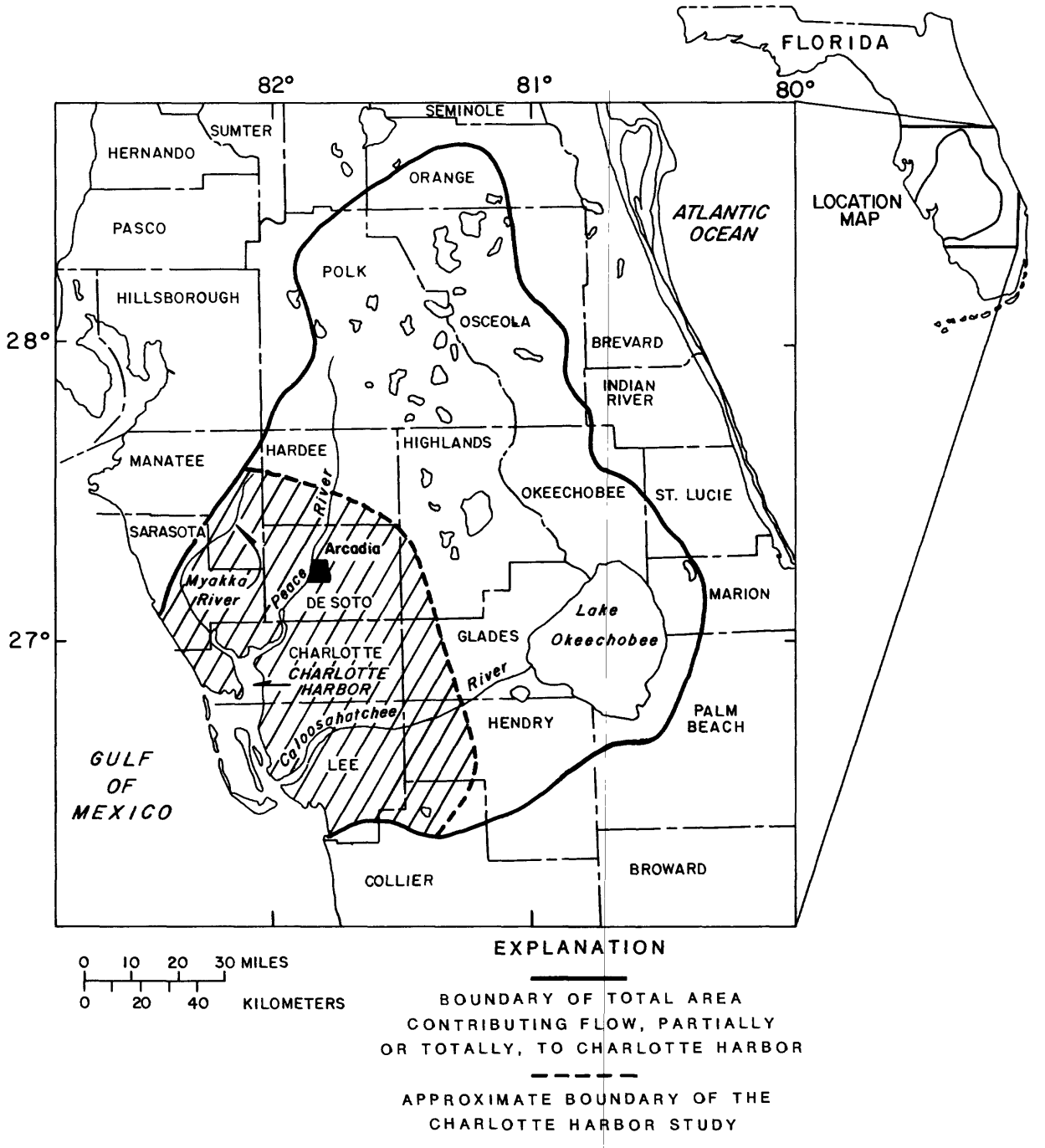


Figure 1.--Location of study area, hydrologic boundaries, and drainage basins.

A summary of sample collection dates for sediment and water in the rivers and harbor is listed in table 1. A list of all water and bottom-sediment stations and information on station names, numbers, and codes used in the figures is provided in table 2. All 15-digit station numbers include the station's approximate latitude and longitude. For example, station 263745081533600 is at or near latitude 26°37'45" and longitude 81°53'36". The last two digits are sequence numbers.

Description of Study Area

The Charlotte Harbor estuarine system includes Charlotte Harbor proper, Pine Island Sound, Matlacha Pass, San Carlos Bay, the tidal Caloosahatchee, Myakka, and Peace Rivers, and adjacent waters (fig. 2). The estuary has a surface area of about 270 mi^2. The estuary is shallow, averaging about 7 feet in depth, and most of it is less than 15 feet deep. A maximum depth of 51 feet occurs near Boca Grande Pass. The estuary is separated from the Gulf of Mexico by barrier islands and is connected to the Gulf by two major passes at Boca Grande and San Carlos Bay and several smaller passes that may shift in location and change in depth (Harvey, 1979).

The climate of the Charlotte Harbor area is subtropical and humid. The average annual temperature at Punta Gorda is about 73°F and monthly temperatures range from an average of about 63°F in January to 82°F in July and August (National Oceanic and Atmospheric Administration, 1984). Annual rainfall averages about 50 inches (1951-80). About 75 percent of the rainfall occurs from May through October and the remainder from November through April. Monthly rainfall at Punta Gorda during the period covered in this report is shown in figure 3.

Three major rivers flow into the Charlotte Harbor estuarine system--the Peace, the Myakka, and the Caloosahatchee (fig. 2). Flow in the Caloosahatchee River is controlled by three locks and dams. Water is released to the Caloosahatchee River estuary at structure S-79, the most downstream lock and dam on the river (fig. 4). Two dams are on the Myakka River. One is at the south end of Lake Myakka, and one is below Lower Myakka Lake (fig. 5). These dams control river stages only during low discharges. Flow in the Peace River is largely uncontrolled. However, a dam on Shell Creek, a tributary to the Peace River, may affect discharge in the lower Peace River (fig. 6). Discharges in the three major rivers from October 1982 through October 1984 are shown in figure 7.

The shoreline of the Charlotte Harbor estuarine system is relatively undisturbed, except along the Caloosahatchee River where urban and residential development is prevalent. Mangrove forests dominate most of the estuarine shoreline, but salt marsh is dominant in places, such as along parts of the tidal Myakka and Peace Rivers and in some intertidal regions landward of the mangrove forests. Seagrass meadows grow over large areas seaward of the mangroves, particularly in Pine Island Sound, San Carlos Bay, and Matlacha Pass. In northern Charlotte Harbor, seagrasses occur as relatively thin bands near the shore.

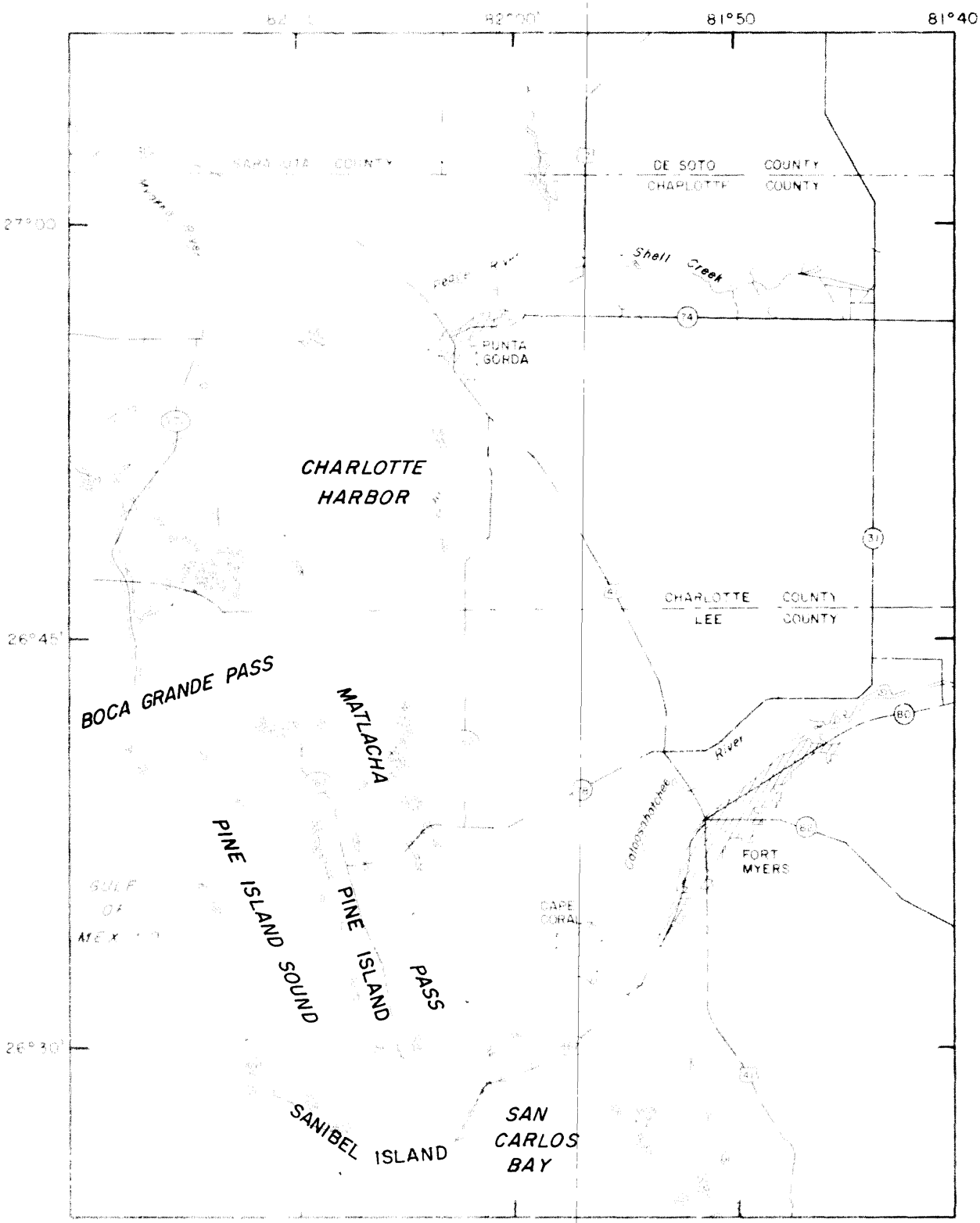


Figure 2.--Charlotte Harbor estuarine system.

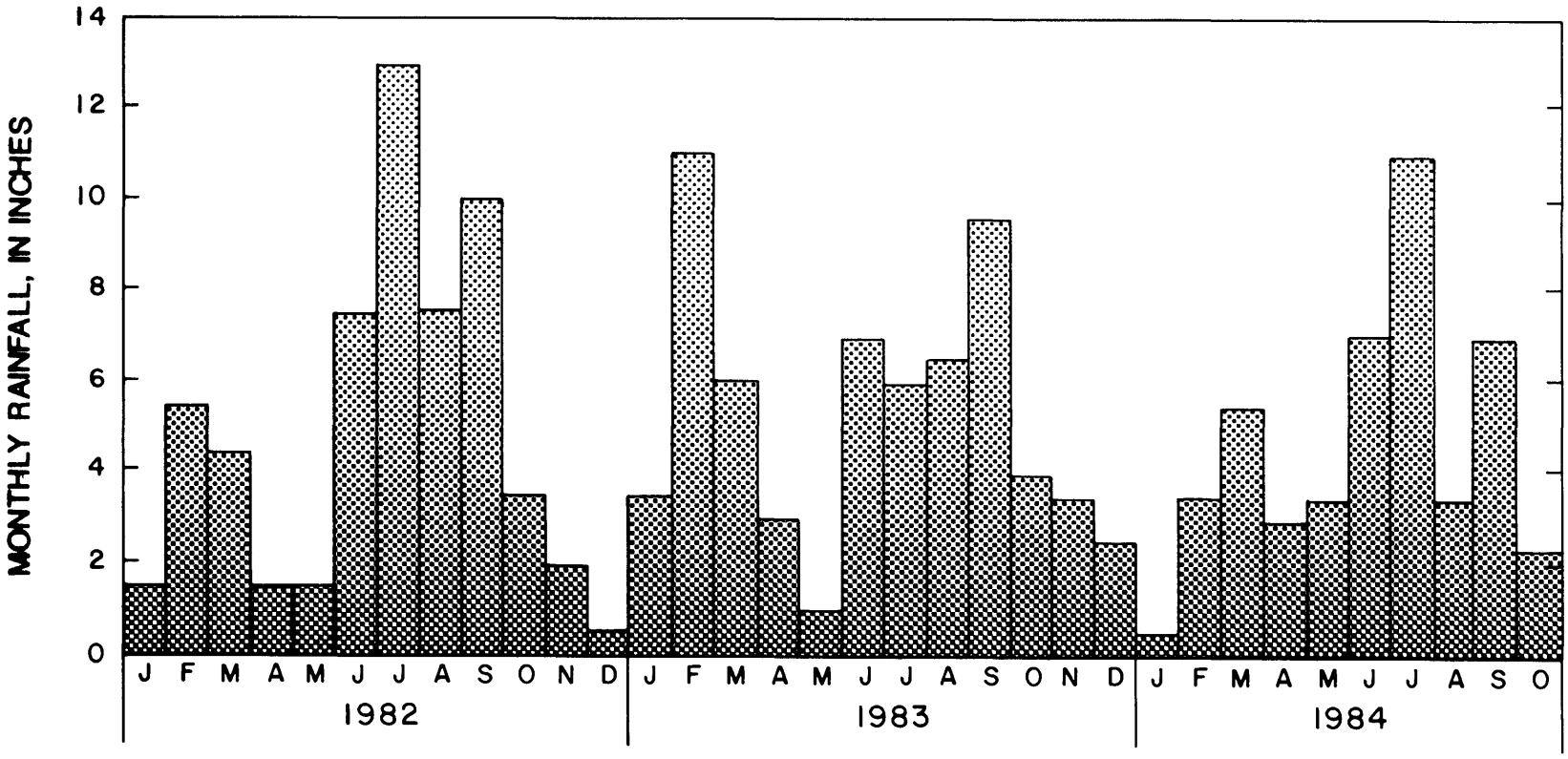


Figure 3.--Monthly rainfall at Punta Gorda, January 1982 through October 1984.

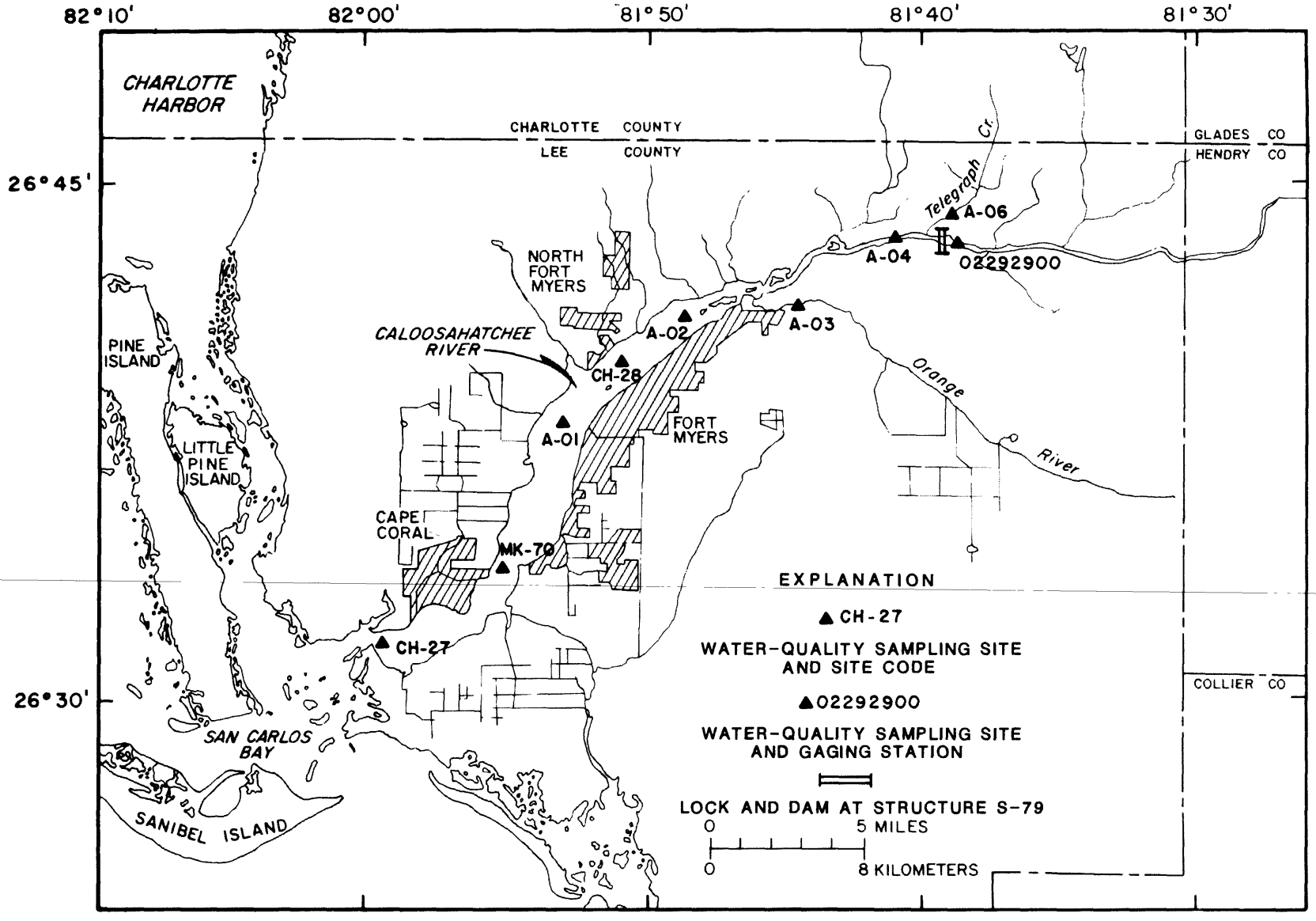
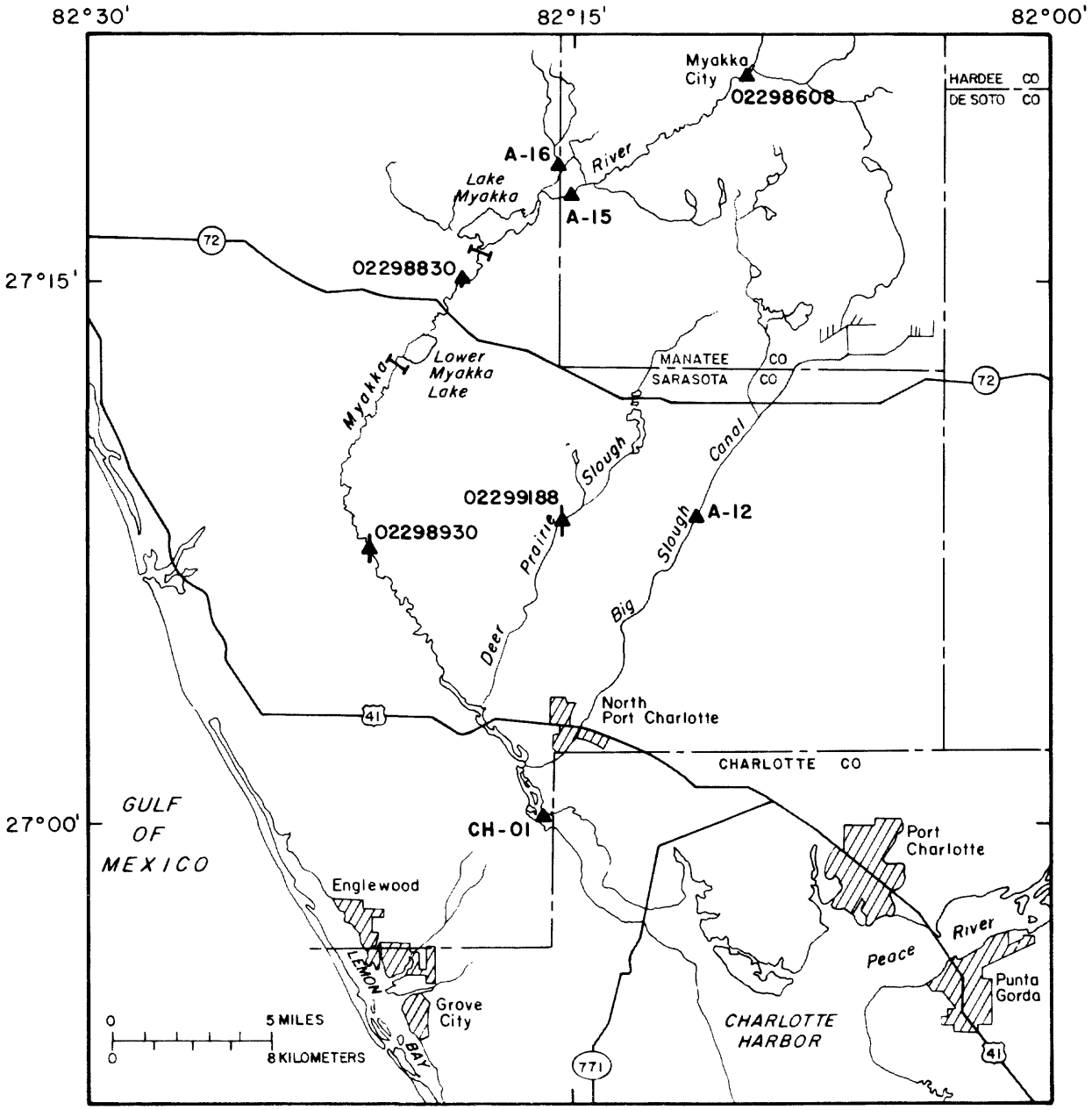


Figure 4.--Reconnaissance sampling sites on the Caloosahatchee River.



EXPLANATION

▲A-15

WATER-QUALITY SAMPLING SITE AND SITE CODE

▲02298930

WATER-QUALITY SAMPLING SITE AND DISCONTINUED GAGING STATION

▲02298830

WATER-QUALITY SAMPLING SITE AND GAGING STATION

DAM

Figure 5.--Reconnaissance sampling sites on the Myakka River.

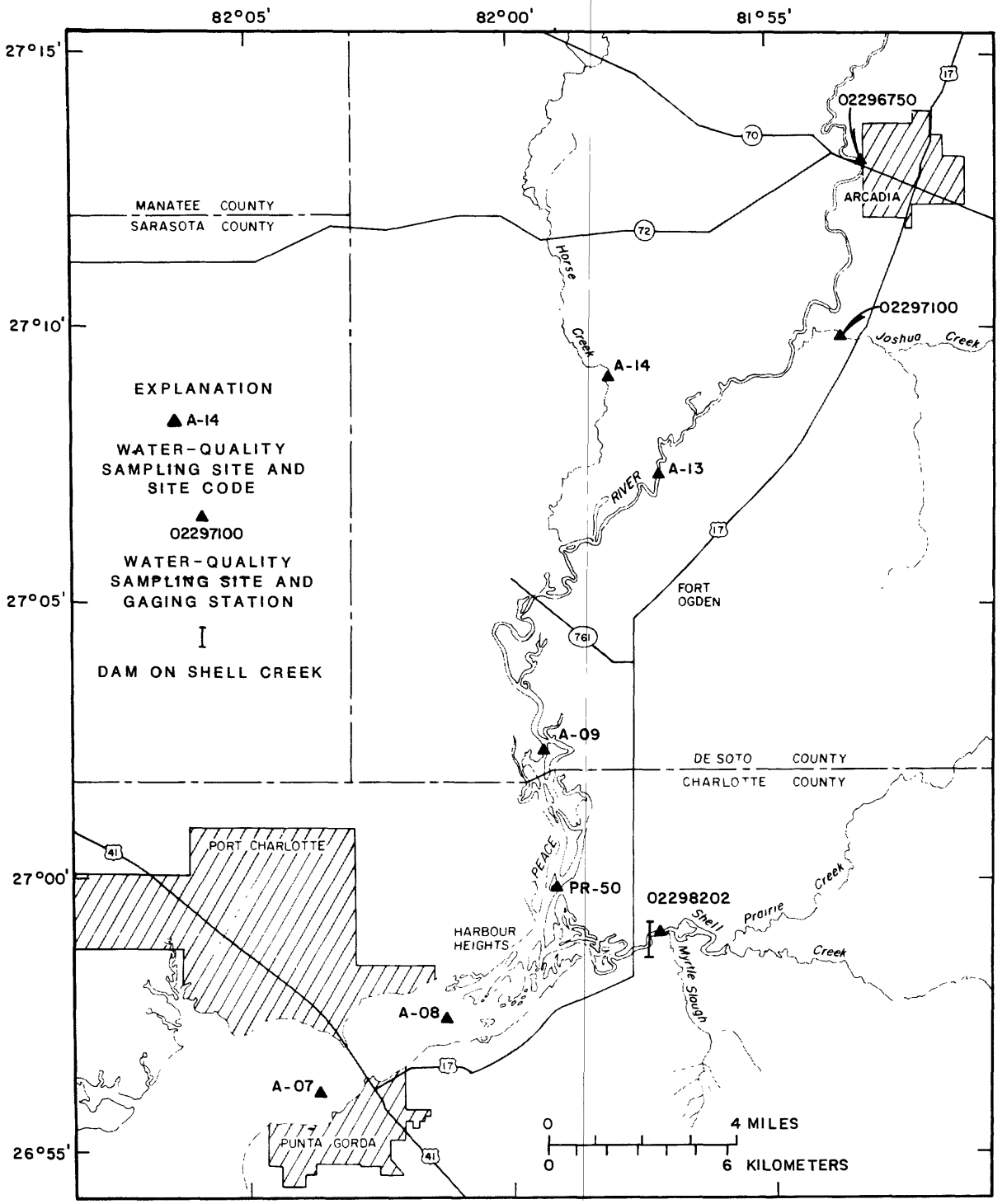
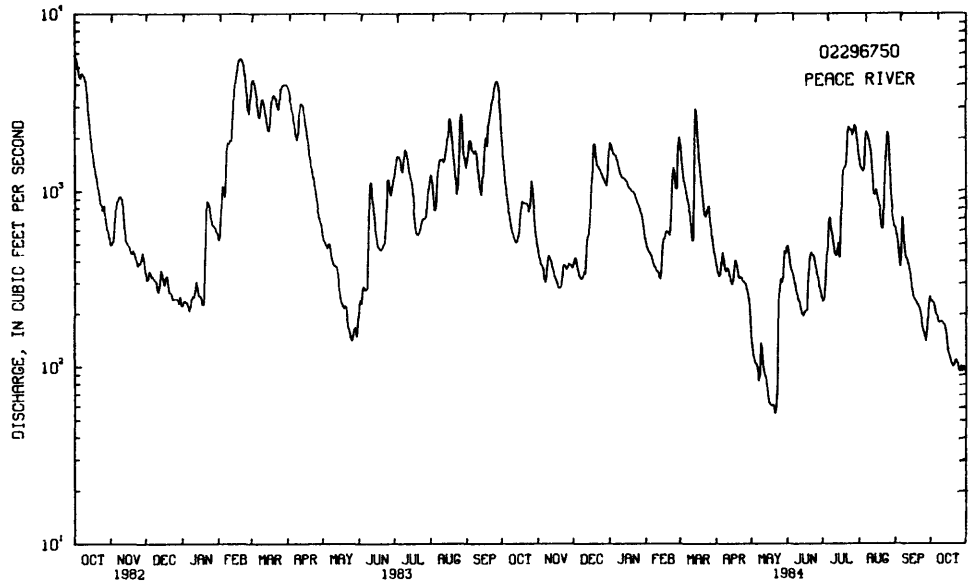
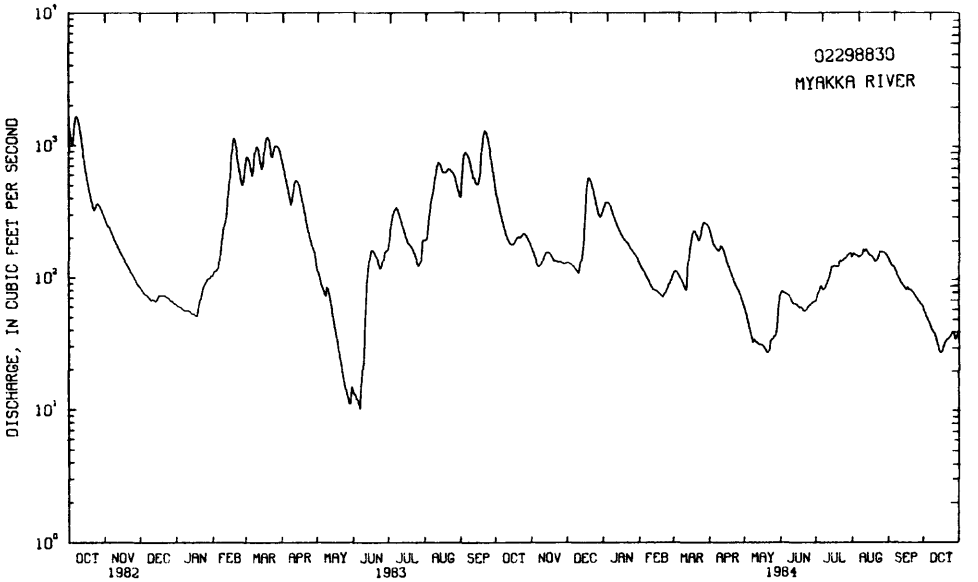


Figure 6.--Reconnaissance sampling sites on the Peace River.





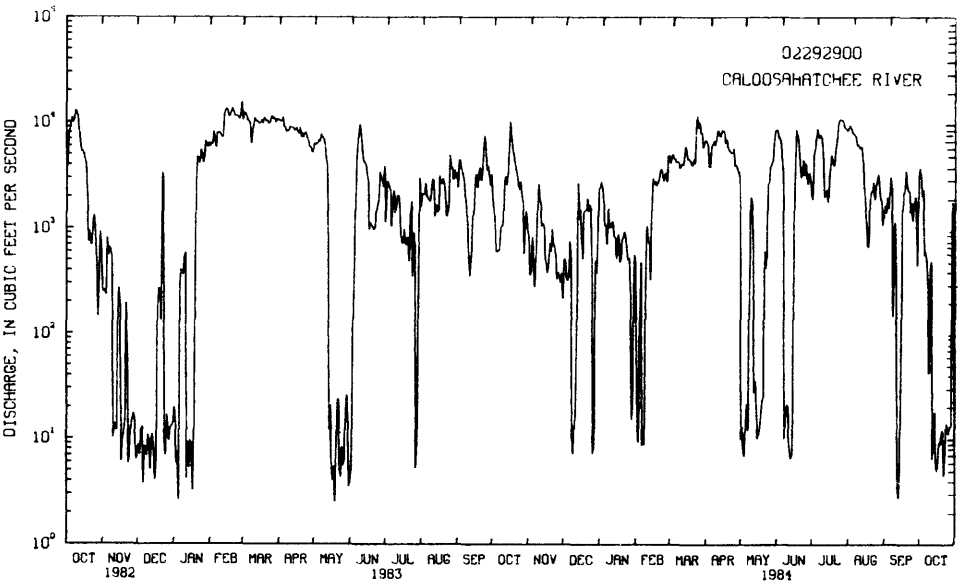


Figure 7.--Daily mean discharge, October 1982 through October 1984, of the Peace, Myakka, and Caloosahatchee Rivers.

Four aquatic preserves within the Charlotte Harbor estuarine system have been designated by the State of Florida. These preserves (Cape Haze, Gasparilla Sound-Charlotte Harbor, Matlacha Pass, and Pine Island Sound) encompass about 90 percent of the estuary (fig. 8). The purpose of the aquatic preserve designation is to preserve these areas "in an essentially natural or existing condition so that their aesthetic, biological, and scientific values may endure for the enjoyment of future generations" (Florida Department of Natural Resources, 1983). As State aquatic preserves, these areas are also designated as outstanding Florida waters.

Acknowledgments

I thank William Sheftall (Florida Department of Natural Resources, Charlotte Harbor State Reserve) and Roger Clark (formerly of the Florida Department of Natural Resources, Charlotte Harbor State Reserve) for their professionalism and generous assistance in collecting water-quality samples for the 1983 and 1984 intensive summer samplings. They also provided assistance and equipment during many of our field efforts.

I also thank the members of the Coast Guard Auxiliary who donated time and equipment to assist Mr. Sheftall and Mr. Clark in the 1984 intensive summer sampling efforts. These individuals are too many to name personally, but each one is appreciated for their involvement in the study.

SAMPLING STRATEGY

Early in the study (November and December 1982), reconnaissance surveys were made in the river basins and in Charlotte Harbor to obtain background information on water quality. The reconnaissance survey of the river basins was made in conjunction with sampling for another U.S. Geological Survey study designed to evaluate water quality in the upper Peace River basin upstream from Arcadia (fig. 1) (E. R. German and D. M. Schiffer, U.S. Geological Survey, written commun., 1984). In the reconnaissance survey, water-quality characteristics similar to the upper Peace River study were collected in the Peace River and tributaries downstream from Arcadia (fig. 6), in the Myakka River and major tributaries (fig. 5), and in the Caloosahatchee River and tributaries downstream from structure S-79 (fig. 4). A list of water-quality characteristics measured is shown in table 3. Data for selected chemical and physical variables are in table 4, nutrient concentration data are in table 5, and ion concentration data are in table 6.

The reconnaissance survey in Charlotte Harbor was designed to identify potential water-quality problems and to provide background information on water quality. Water and bottom sediment samples were collected and analyzed for a wide variety of chemical characteristics including many trace metals and organic compounds (table 3). For broad coverage and to make analyses more representative areally, samples were collected along a transect and composited to obtain one representative sample of water and one representative sample of bottom sediment for each transect (fig. 9). Table 7 lists field data collected along the

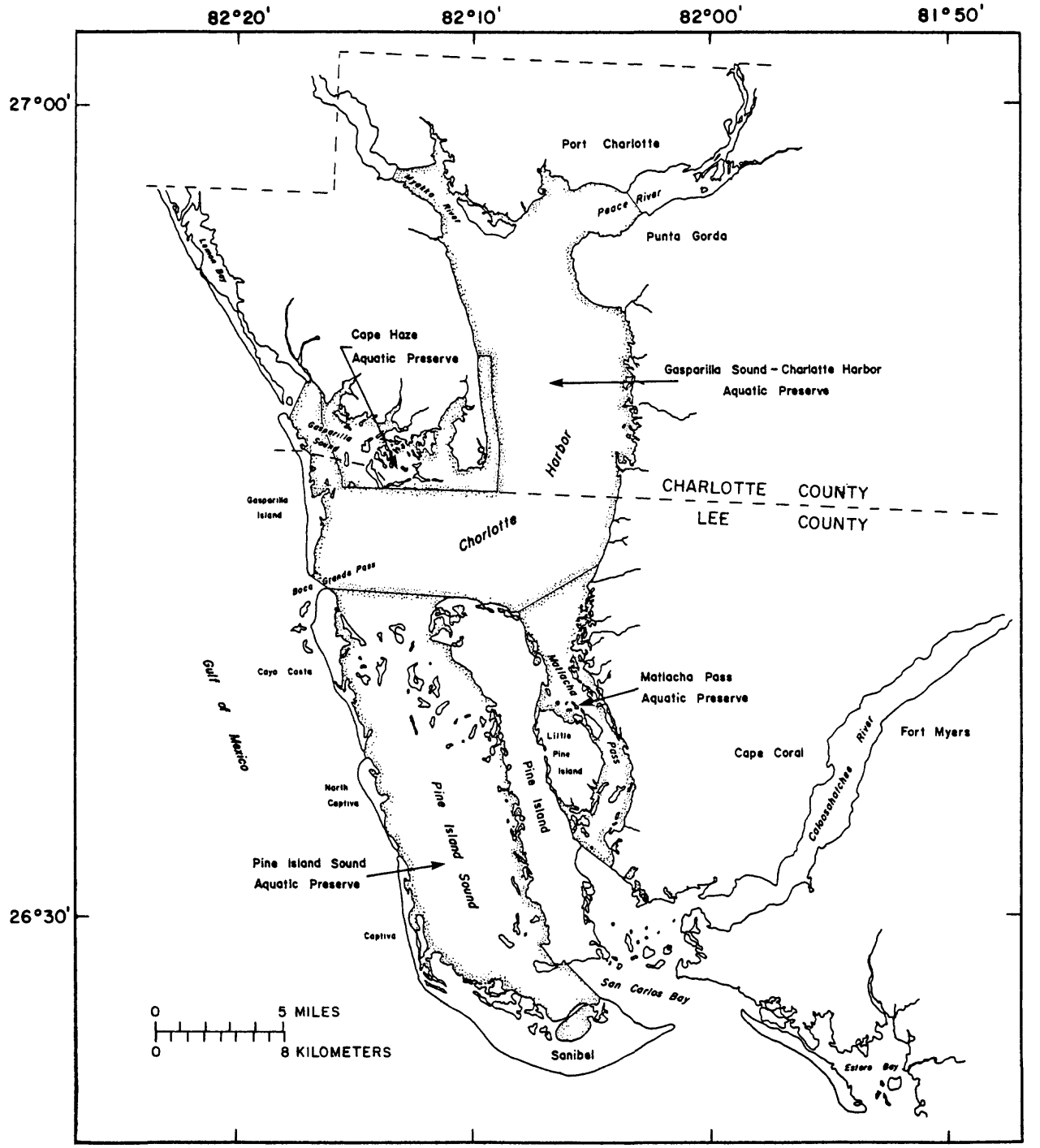


Figure 8.--Four aquatic preserves in the Charlotte Harbor estuarine system. (Modified from Florida Department of Nautral Resources, 1983, p. 2.)

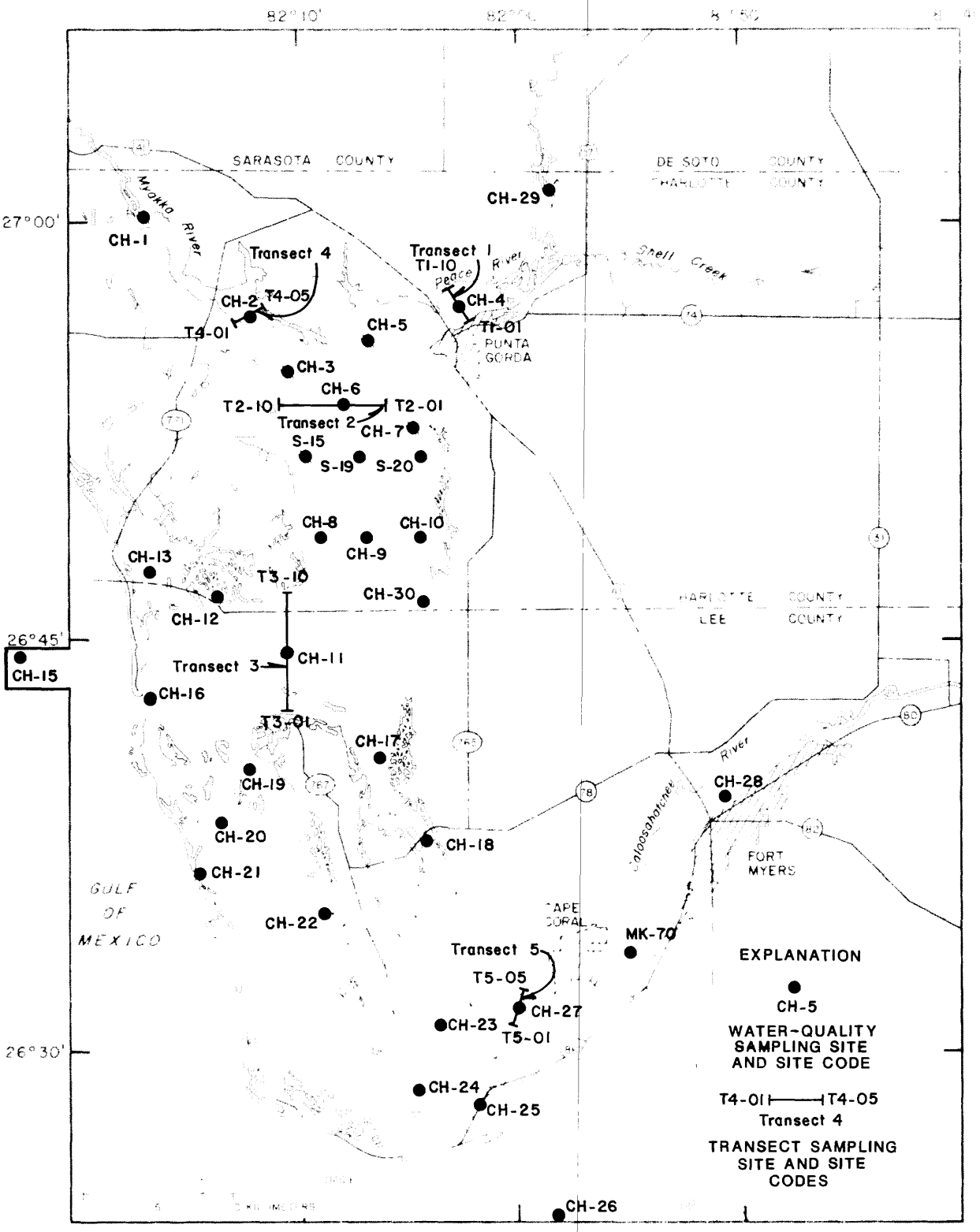


Figure 9.--Location of the Charlotte Harbor water-quality sites and transects 1 through 5.

transects. Sediment data are listed in tables 8 through 10, metal concentrations in water are in table 11, and pesticide and organic compounds in water and sediment are in tables 10 and 12. Selected chemical and physical characteristics are listed in table 13, nutrient concentrations are in table 14, ion concentrations in table 15, and selected metals are shown in table 16.

In early 1983, water-quality stations were established to provide areal coverage of the estuarine system (Charlotte Harbor and the tidal reaches of the river basins) (fig. 9). Samples were collected about every 2 months to obtain seasonal data. Water-quality characteristics that were important to chemical and biological processes in the estuarine environment were selected. These characteristics included temperature, specific conductance, dissolved oxygen, nutrients, major ions, metals, phytoplankton, physical properties, light attenuation, and chlorophyll. The data are shown in tables 13 through 16, and statistical summaries of these data are given in table 17. Figures 10 through 29 show areal patterns of the data collected near the surface.

Because summer is typically a time of accelerated biological activity (Gunter, 1957), water-quality sampling at selected sites was more frequent (fig. 30). Water-quality samples were collected at three or four sites every 2 weeks during the summers of 1983 and 1984. In addition, water-quality samples were collected three times a week at four sites from September 24 to October 17, 1984 (table 1). These data are incorporated into the tables for the harbor water-quality stations (tables 13 through 16). Figures 31 through 35 show temporal changes of selected constituents.

Loading of nutrients and other constituents is important to consider when evaluating water quality in an estuary. The major sources of these constituents are the freshwater tributaries. Other possible sources are wet and dry precipitation and ground-water inflow. Loading is computed as a product of discharge times concentration. Discharge data are currently available for the major tributaries to Charlotte Harbor (U.S. Geological Survey, 1981; 1983). Loading of nutrients has recently been evaluated in the Caloosahatchee River (LaRose and McPherson, 1983) and in the Peace River (E. R. German and D. M. Schiffer, U.S. Geological Survey, written commun., 1984). Discharge data are also available in some of the smaller tributaries to the harbor, but water-quality data are sparse. To supplement the available data, bimonthly water-quality sampling was initiated on two of the smaller tributaries--Shell Creek and Joshua Creek (fig. 6). The bimonthly data are listed in table 18.

Time-of-travel (dye) studies were made in the tidal Peace River in March 1983 and July 1984. Repetitive water-quality sampling was carried out over several days at numerous sites along a 20-mile reach of the river to evaluate selected estuarine processes (fig. 36). These data provide information on diel, tidal, and spatial changes in water quality and are listed in tables 19 through 21. Field and laboratory measurements of physical properties are listed in table 19, nutrient concentrations are in table 20, and ion concentrations are in table 21. Figures 37 through 44 show average concentrations of selected constituents at various river locations, and selected concentrations compared with salinity are shown in figure 45.

Some data included in this report were also collected as additional water-quality samplings to evaluate the distribution and sources of radiochemicals. These site locations are shown in figure 30. Data collected as part of radiochemical surveys are in table 22.

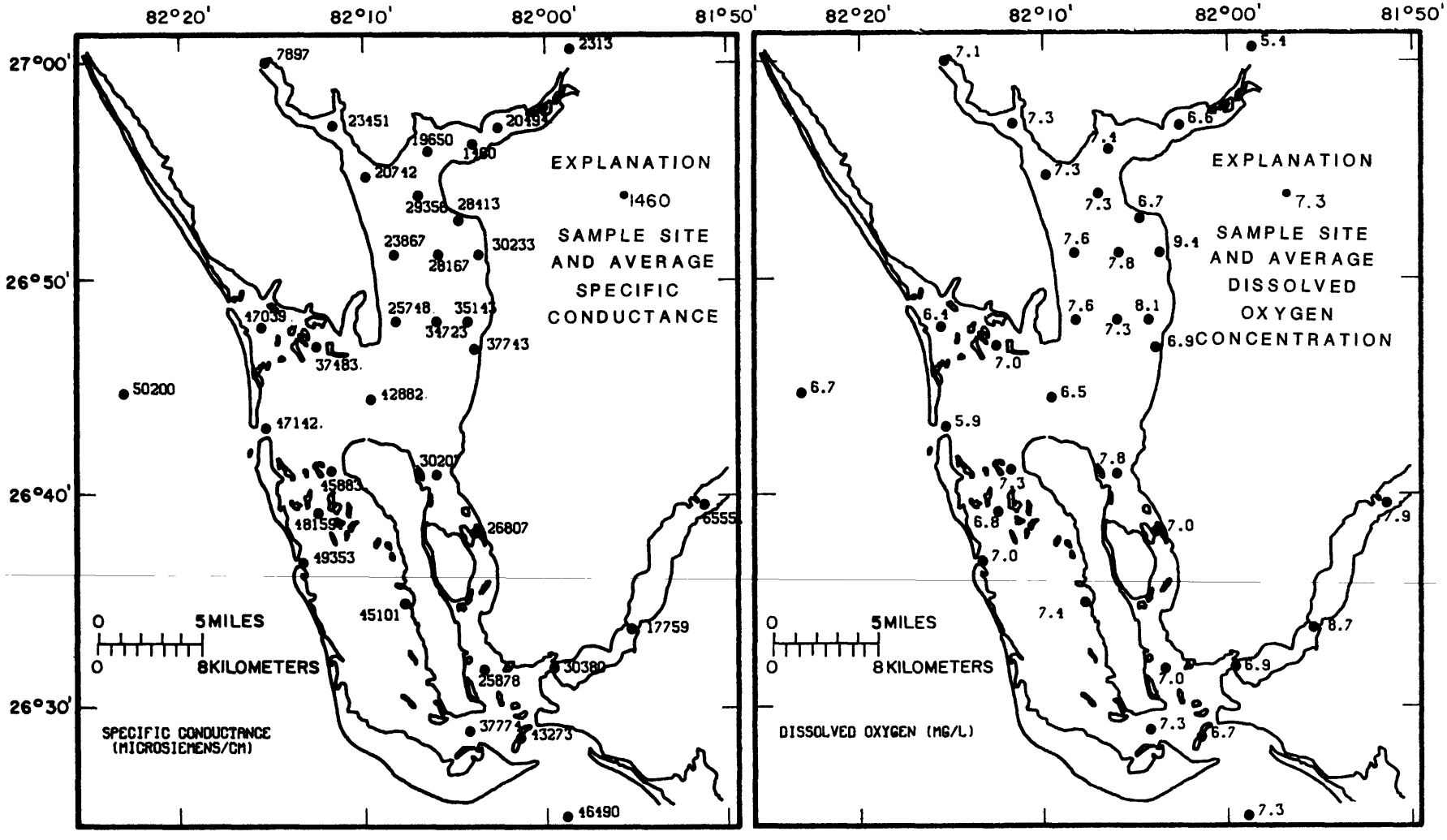


Figure 10.--Average concentrations or values at the harbor water-quality sites, 1982-84, of dissolved oxygen and specific conductance.

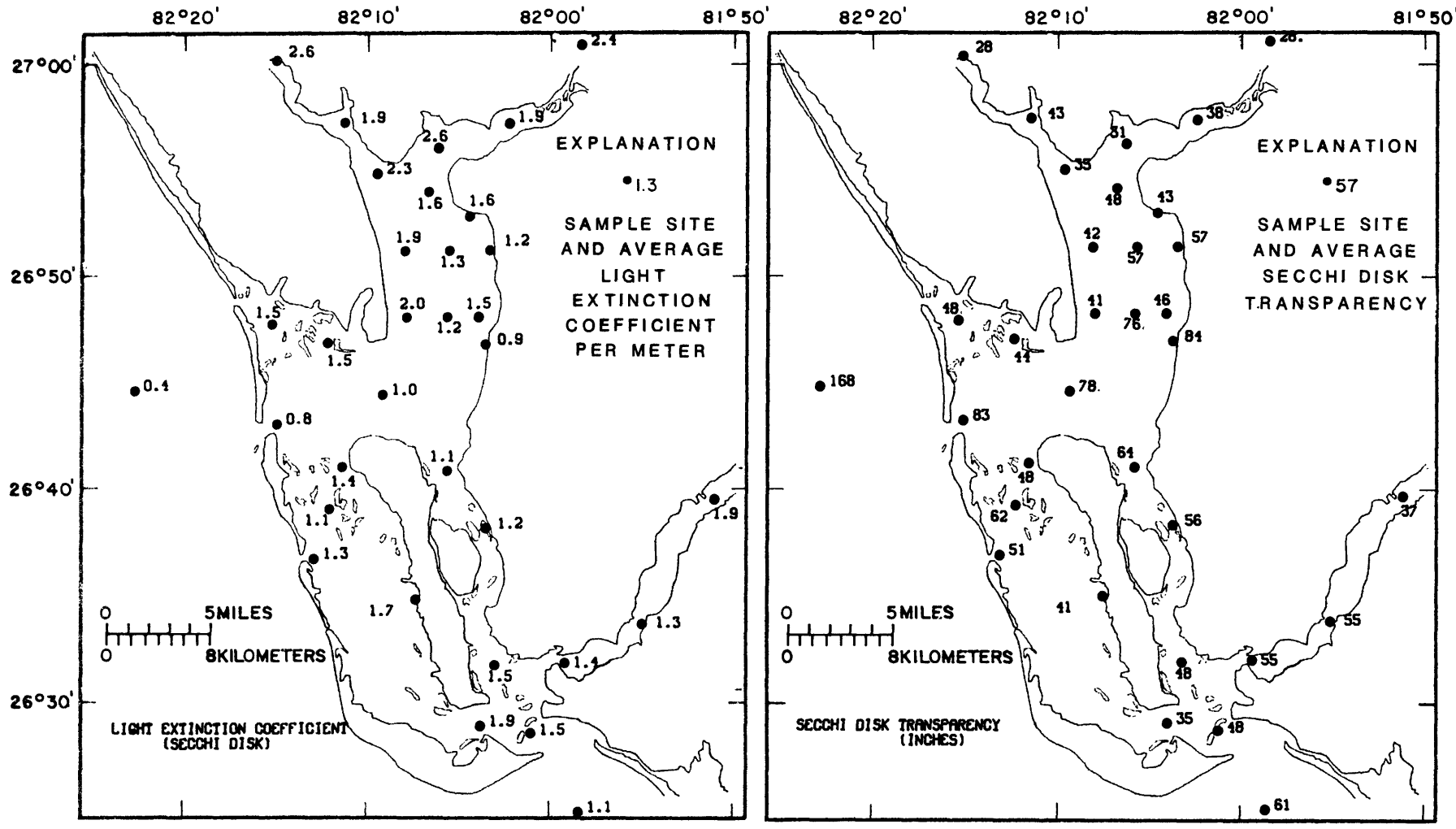


Figure 11.--Average values at the harbor water-quality sites, 1982-84, of light extinction coefficients and Secchi disk transparencies. (Coefficients are computed from the Secchi disk transparencies.)

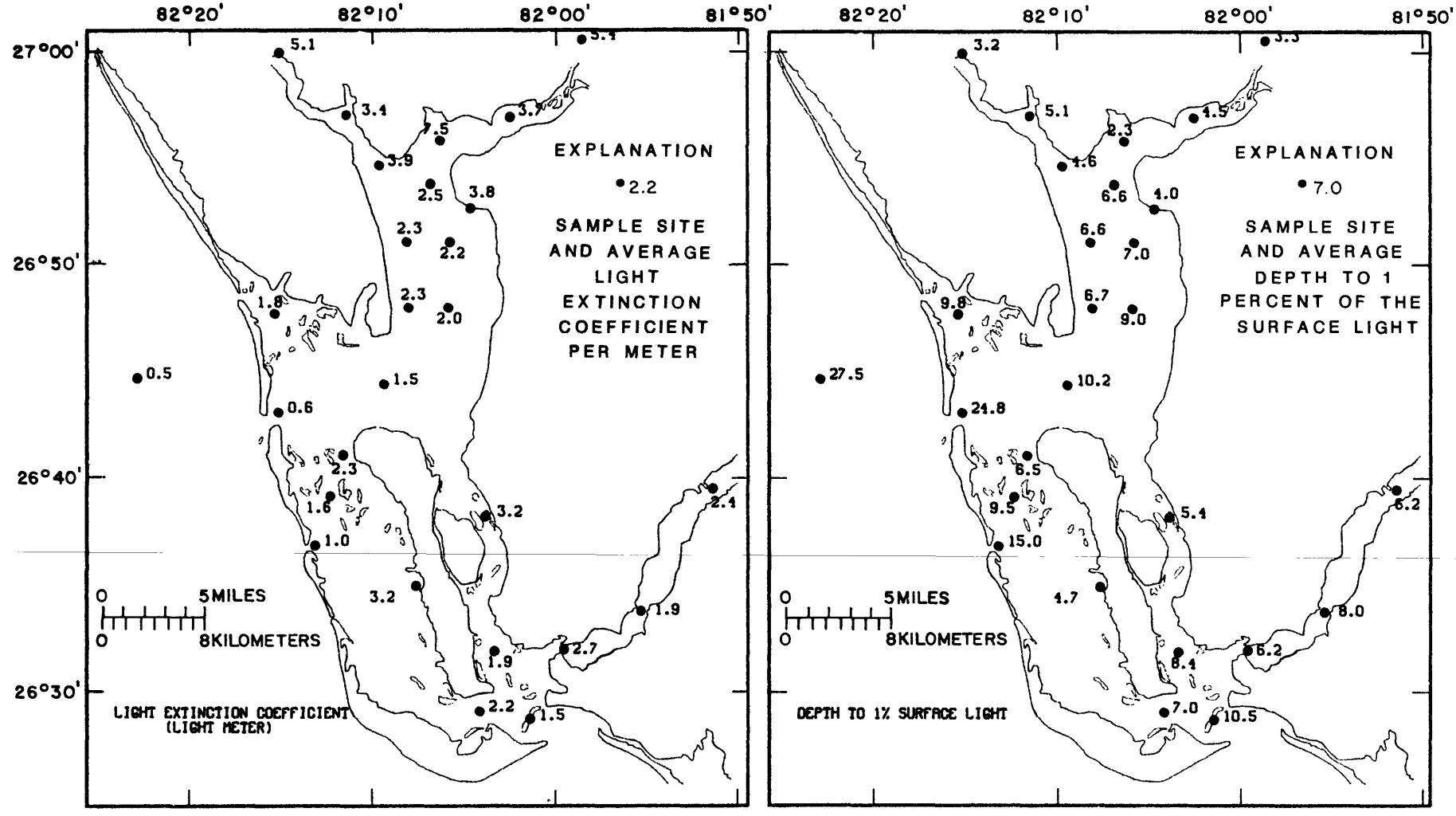


Figure 12.--Average values at the harbor water-quality sites, 1982-84, of light extinction coefficients and depths in feet to 1 percent of the surface (incident) light. (Coefficients are computed from the 1-percent depths.)

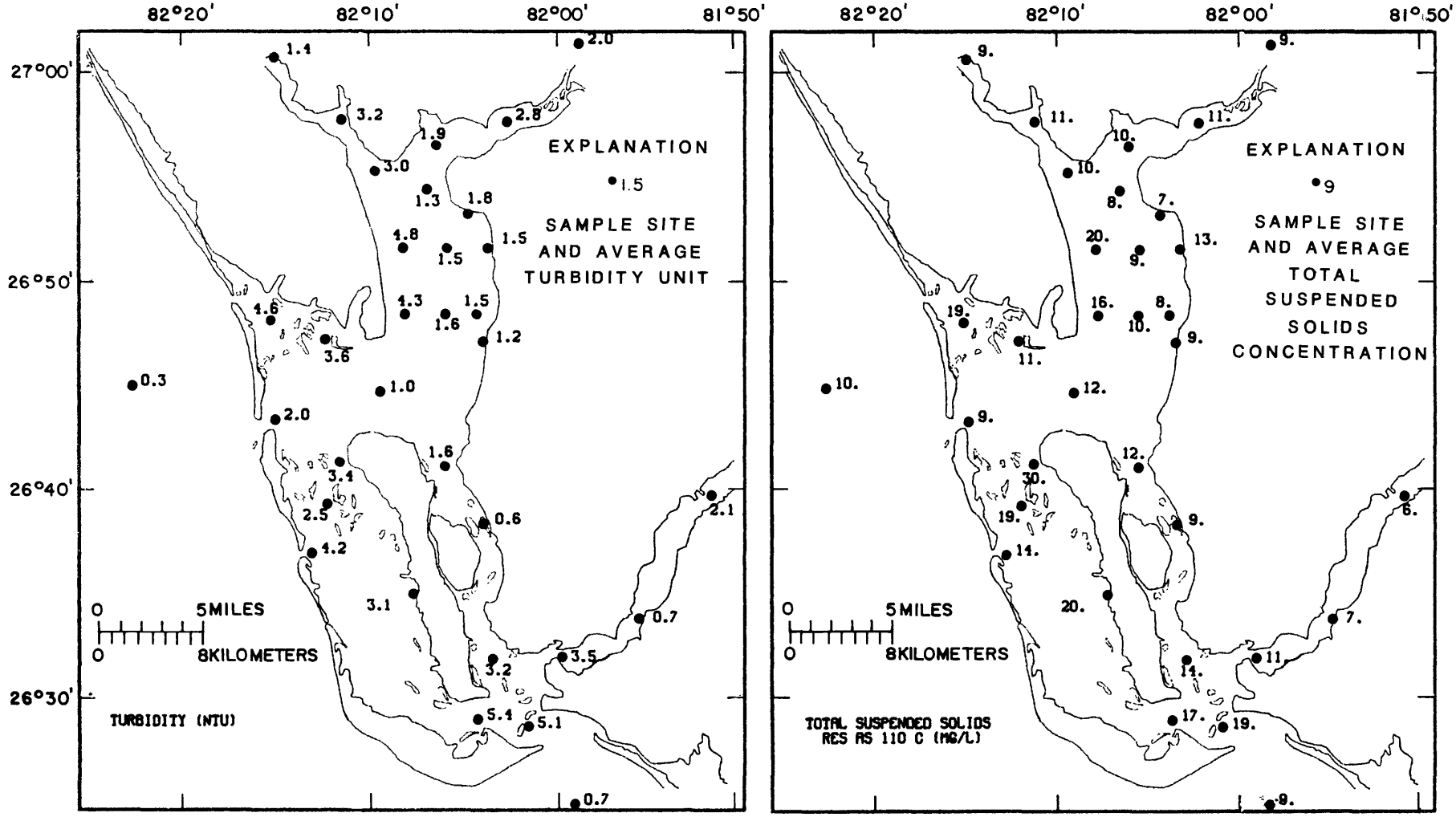


Figure 13.--Average concentrations or values at the harbor water-quality sites, 1982-84, of turbidity units and total suspended solids.

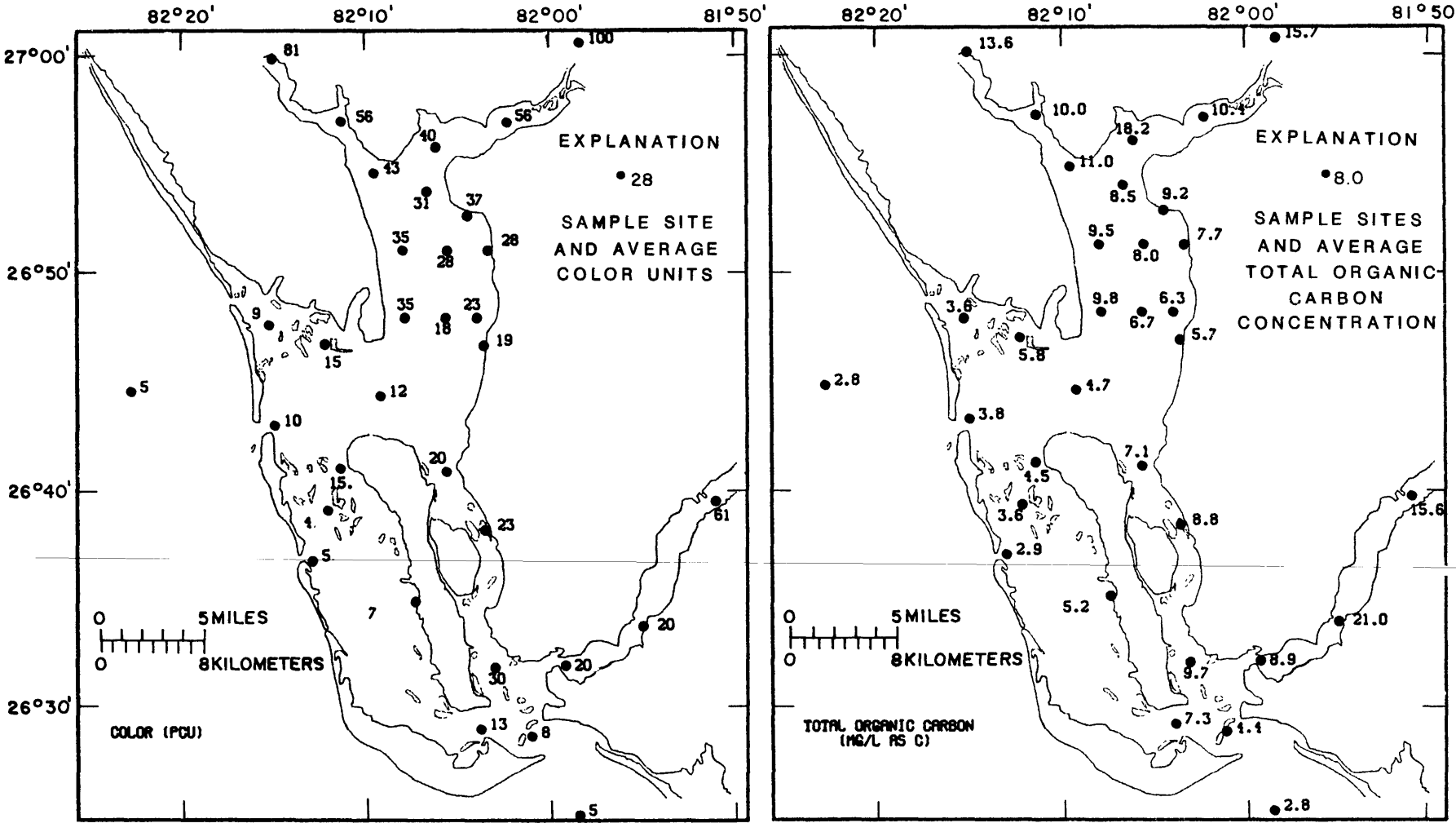


Figure 14.--Average concentrations or values at the harbor water-quality sites, 1982-84, of color units and total organic carbon.

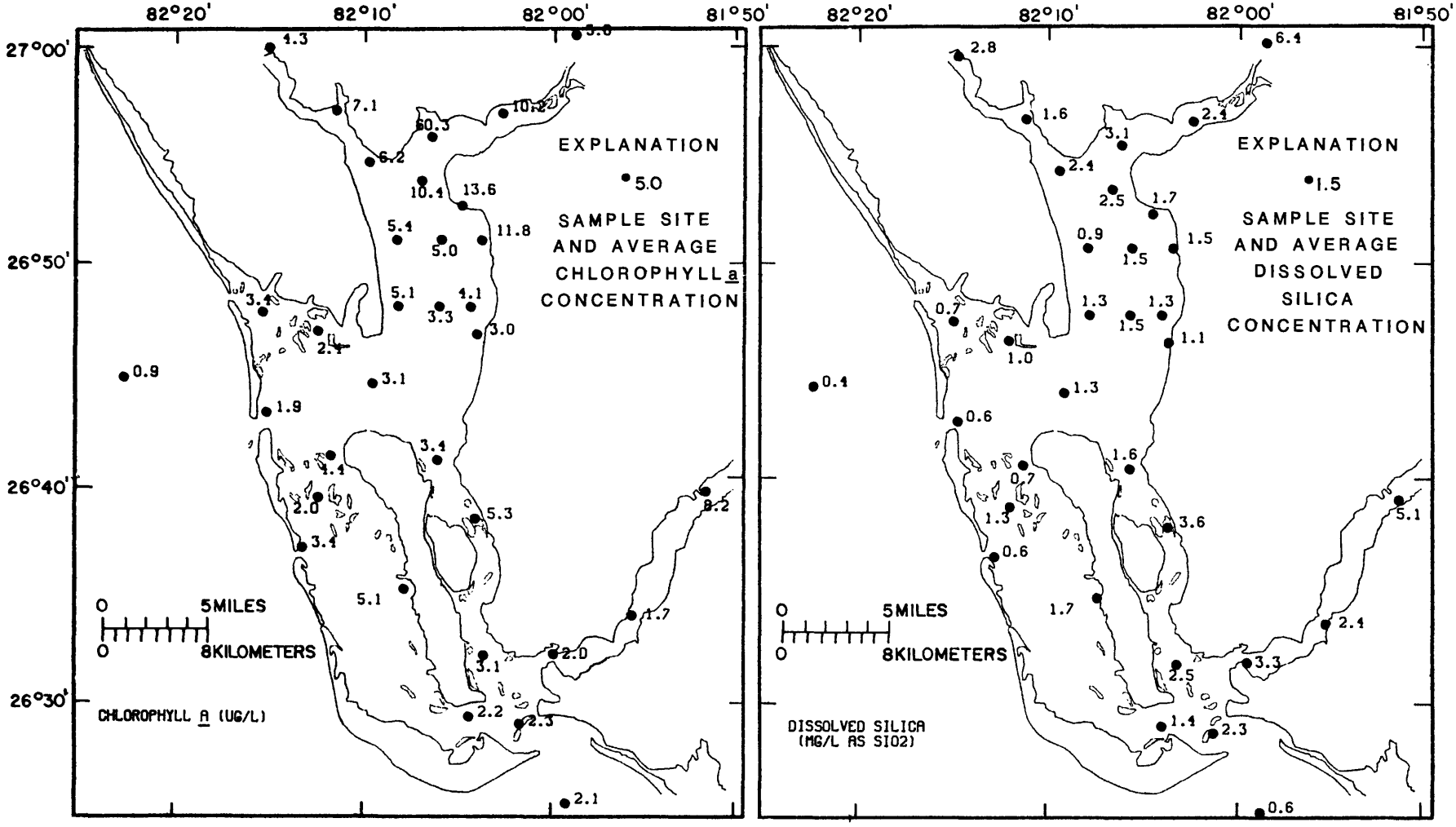


Figure 15.--Average concentrations at the harbor water-quality sites, 1982-84, of chlorophyll a and dissolved silica.

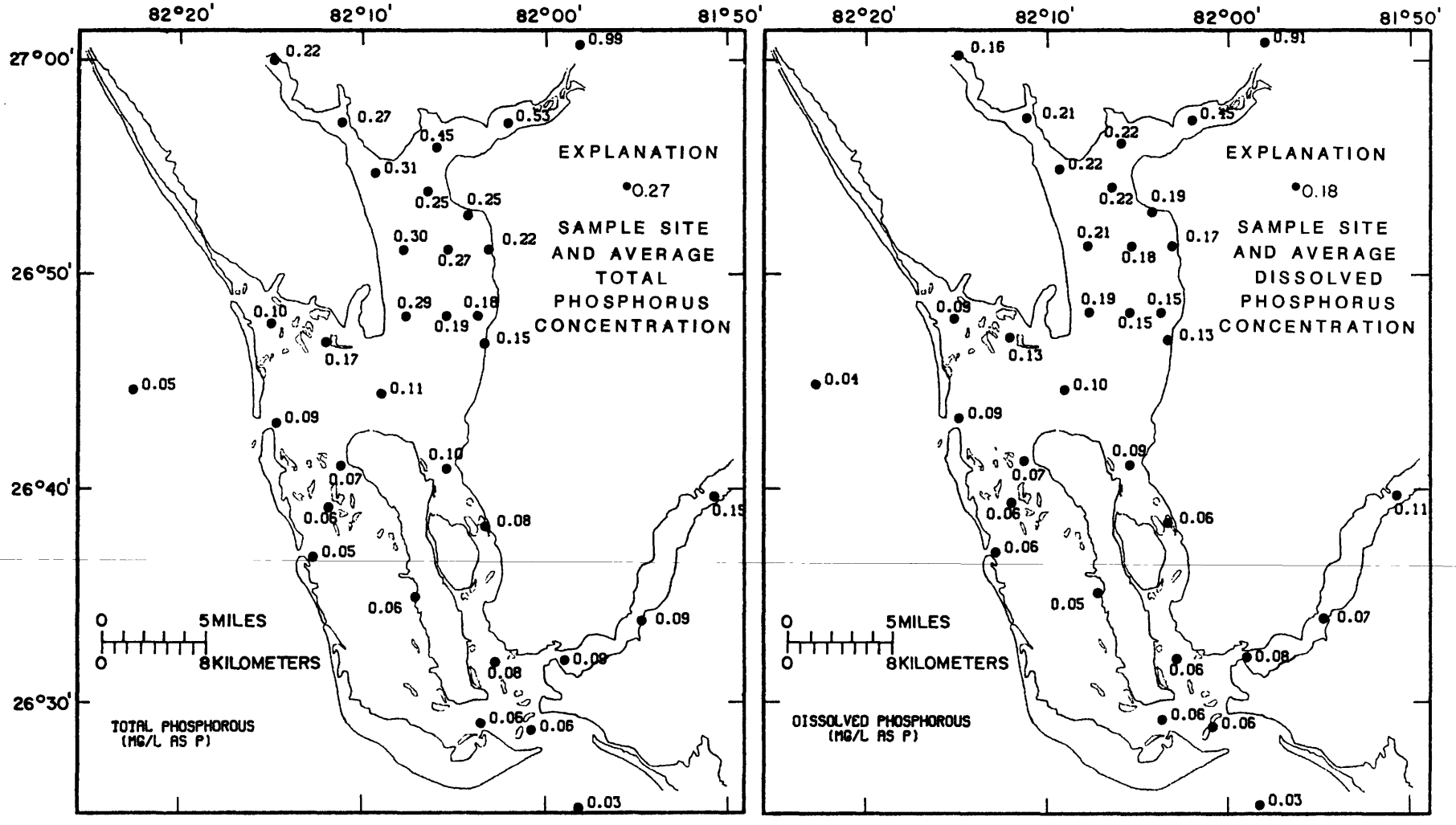


Figure 16.--Average concentrations at the harbor water-quality sites, 1982-84, of total and dissolved phosphorus.

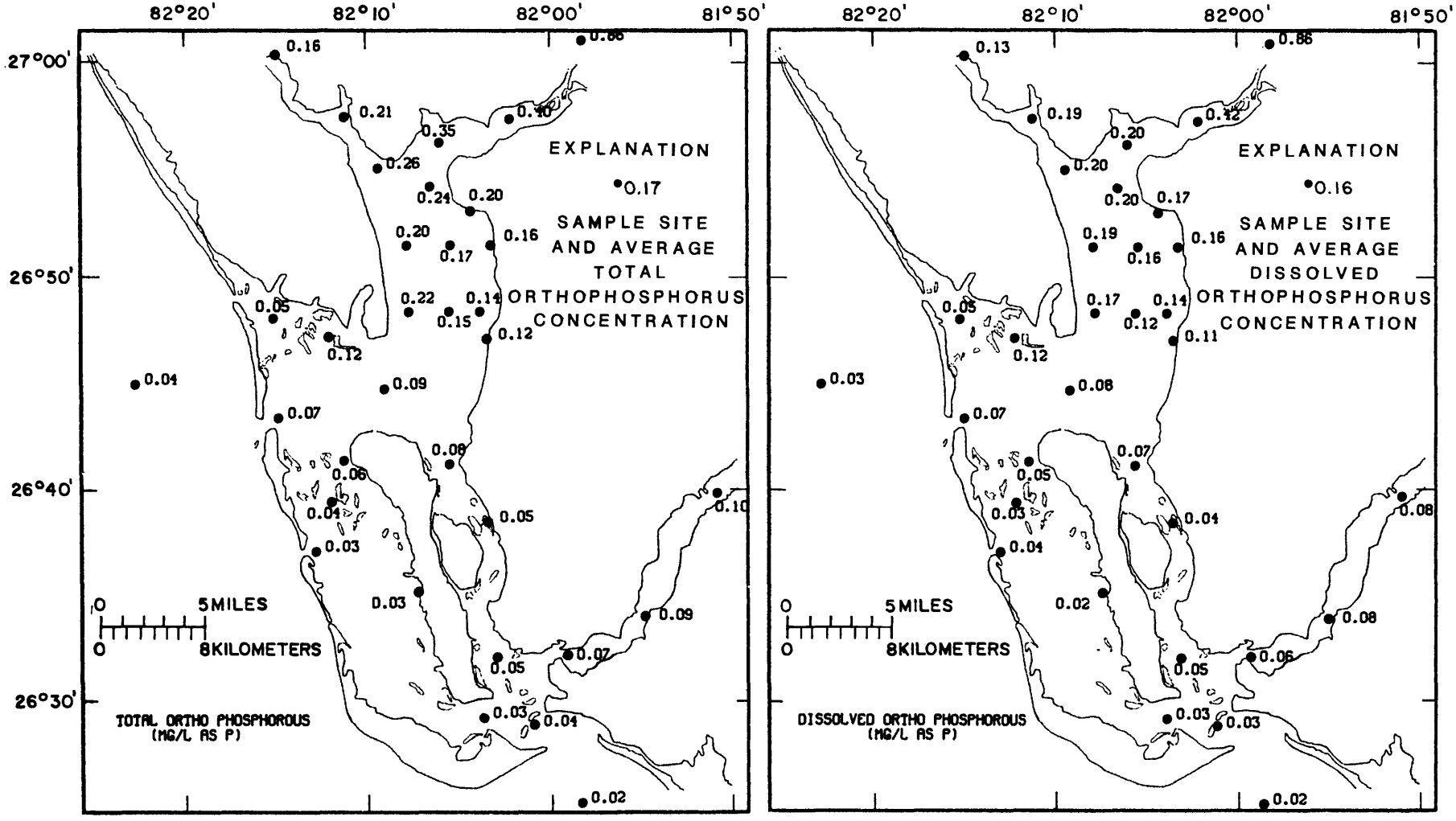


Figure 17.--Average concentrations at the harbor water-quality sites, 1982-84, of total and dissolved orthophosphorus.

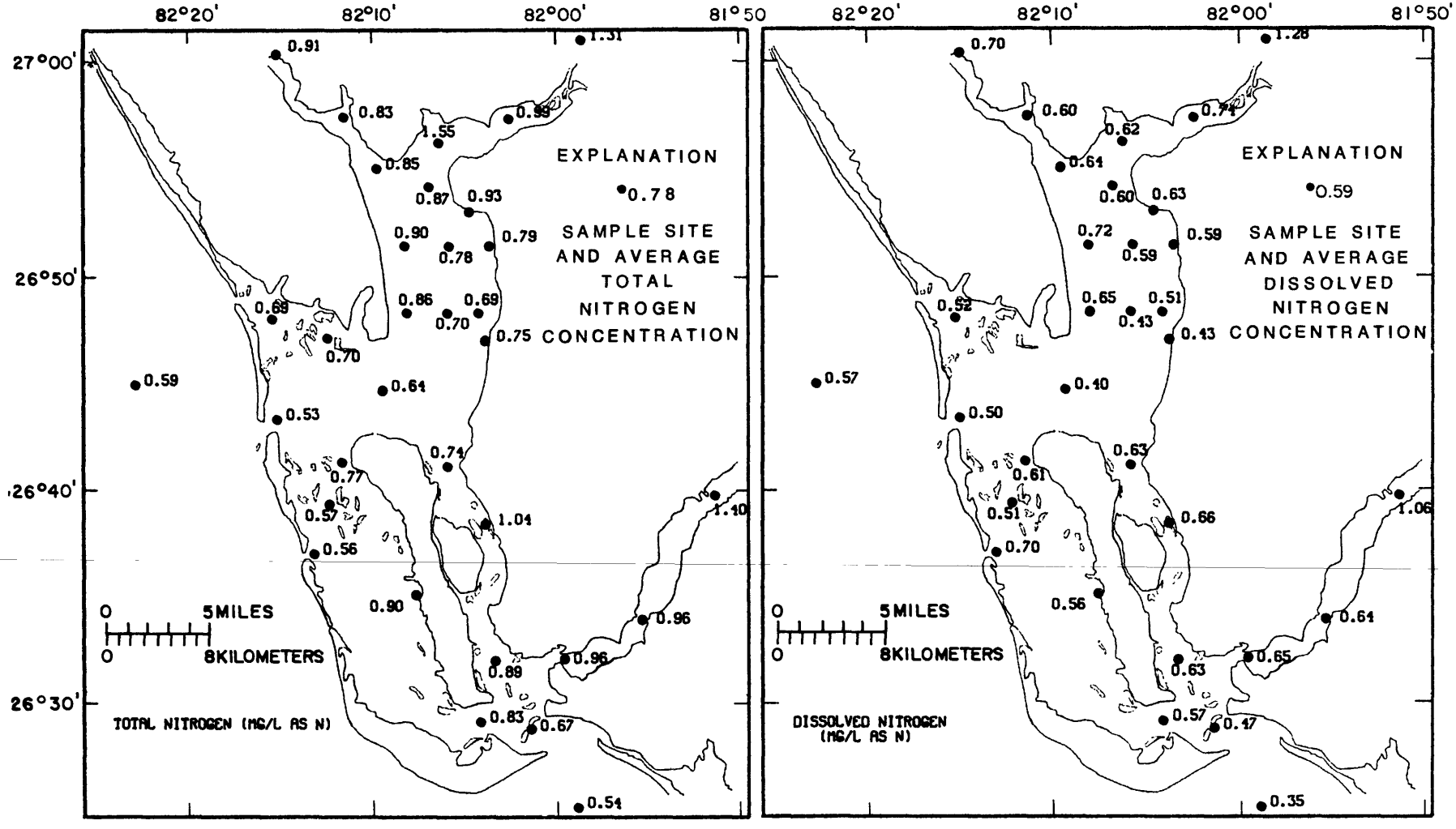


Figure 18.--Average concentrations at the harbor water-quality sites, 1982-84, of total and dissolved nitrogen.

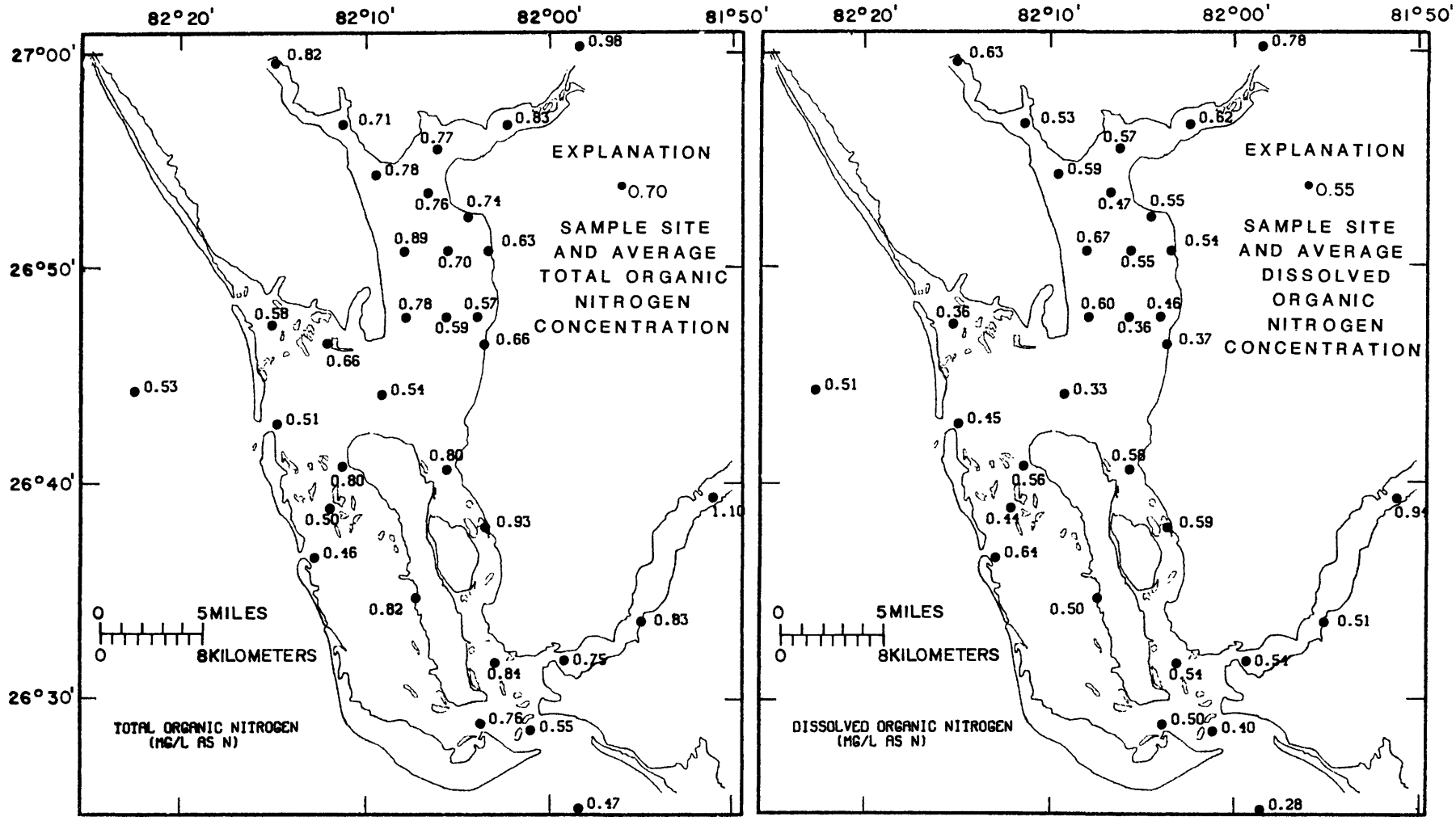


Figure 19.--Average concentrations at the harbor water-quality sites, 1982-84, of total and dissolved organic nitrogen.

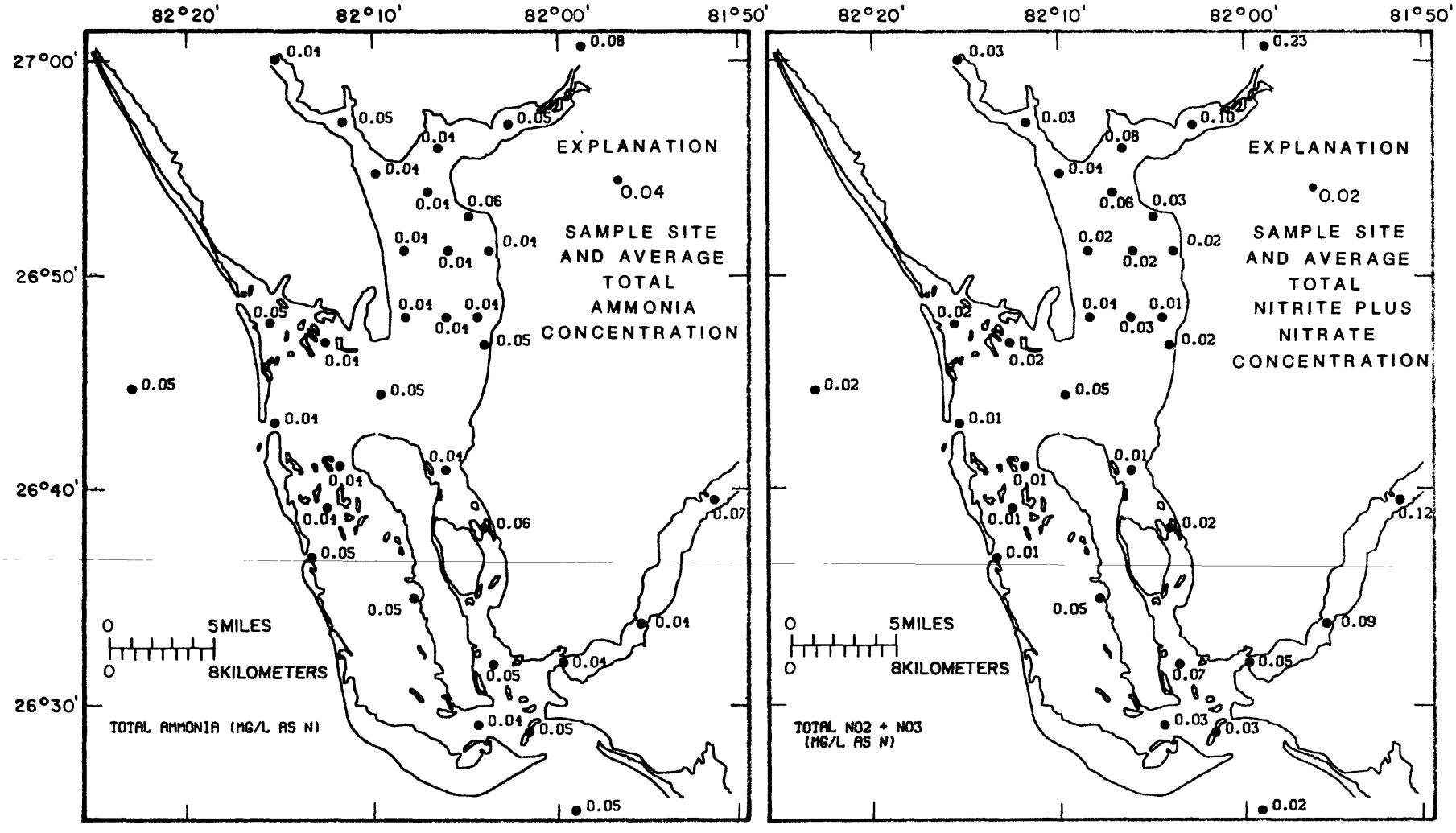


Figure 20.--Average concentrations at the harbor water-quality sites, 1982-84, of total ammonia and total nitrite plus nitrate.

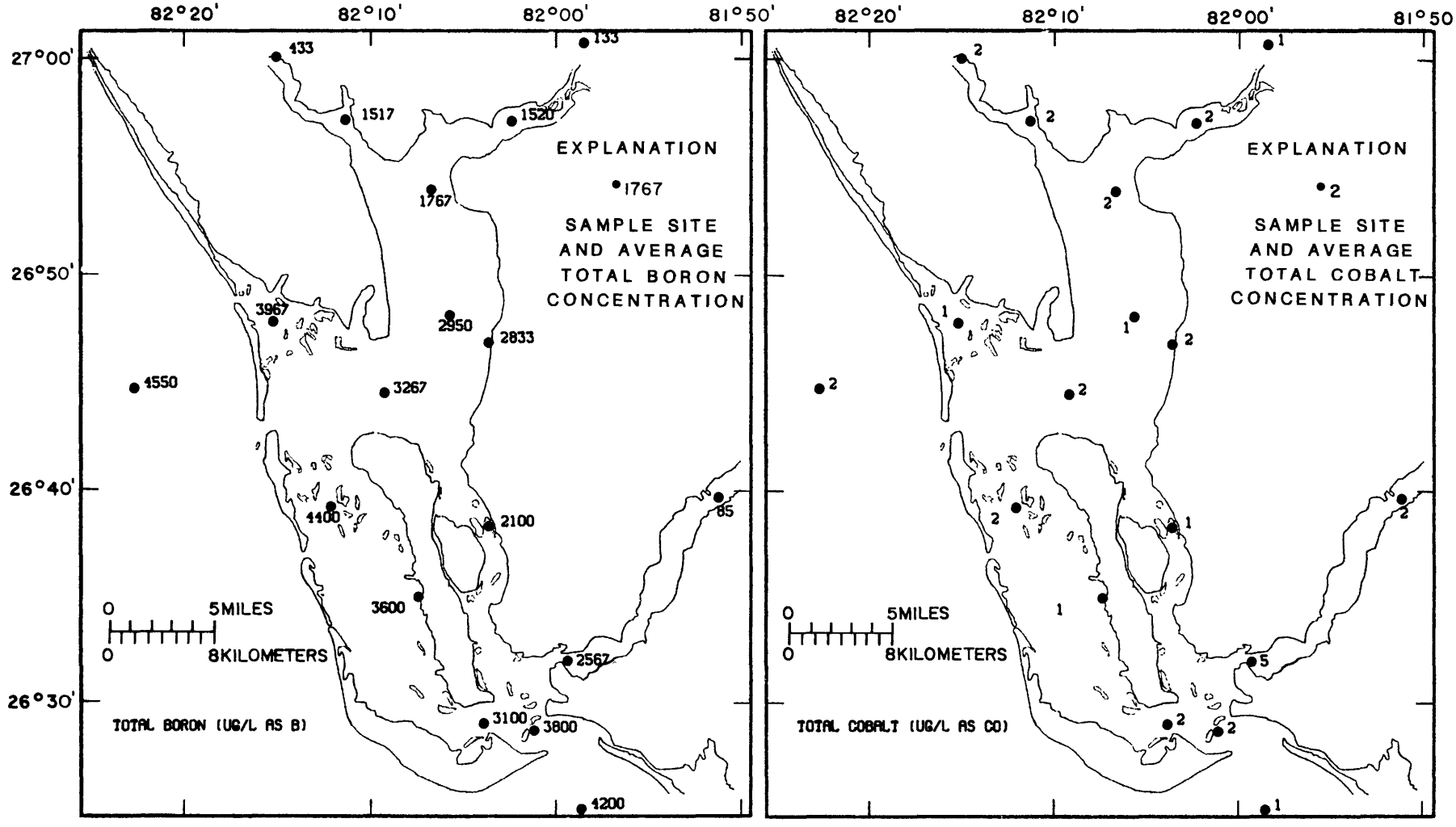


Figure 21.--Average concentrations at the harbor water-quality sites, 1982-84, of total boron and total cobalt.

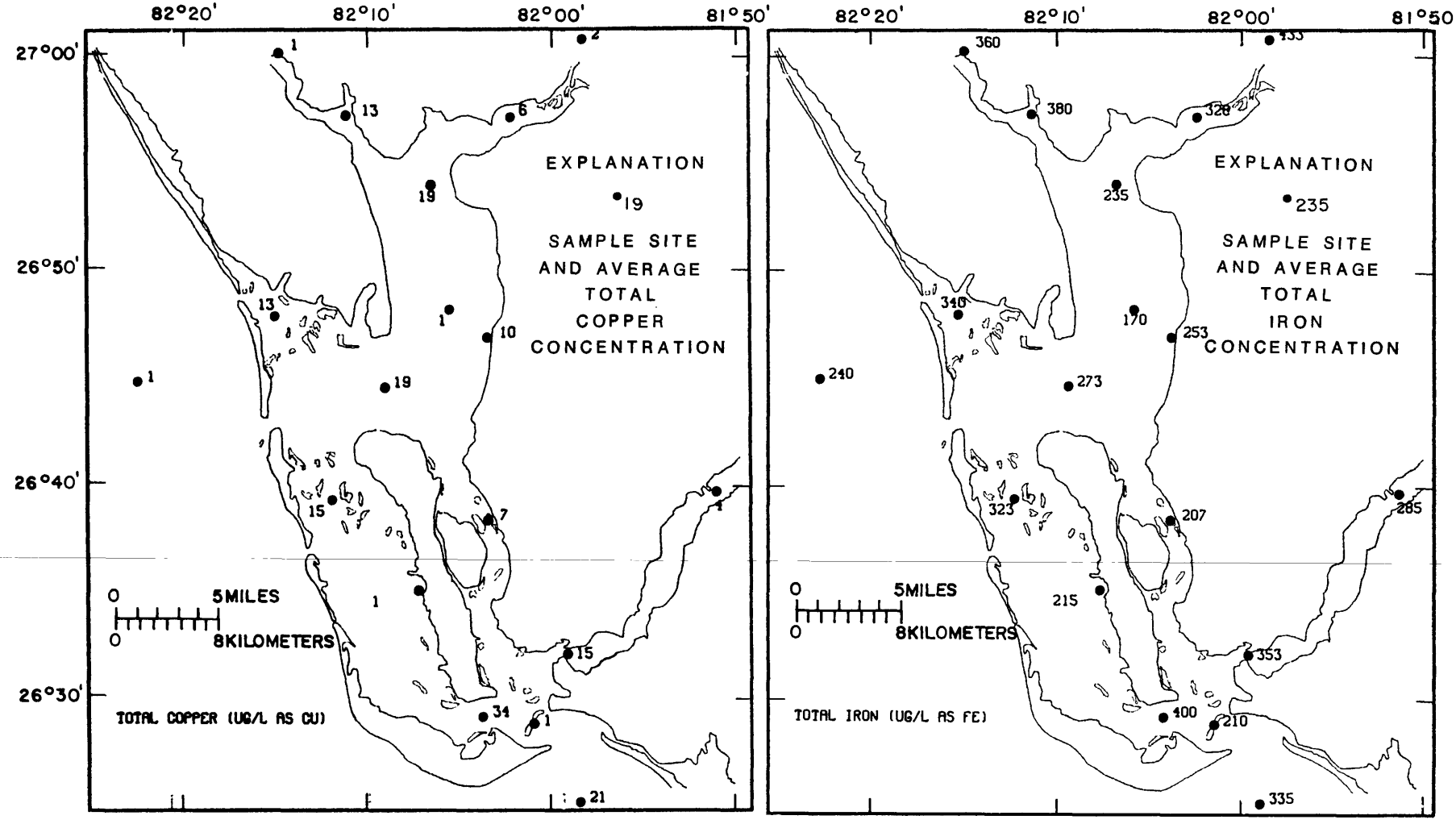


Figure 22.--Average concentrations at the harbor water-qualtiy sites, 1982-84, of total copper and total iron.

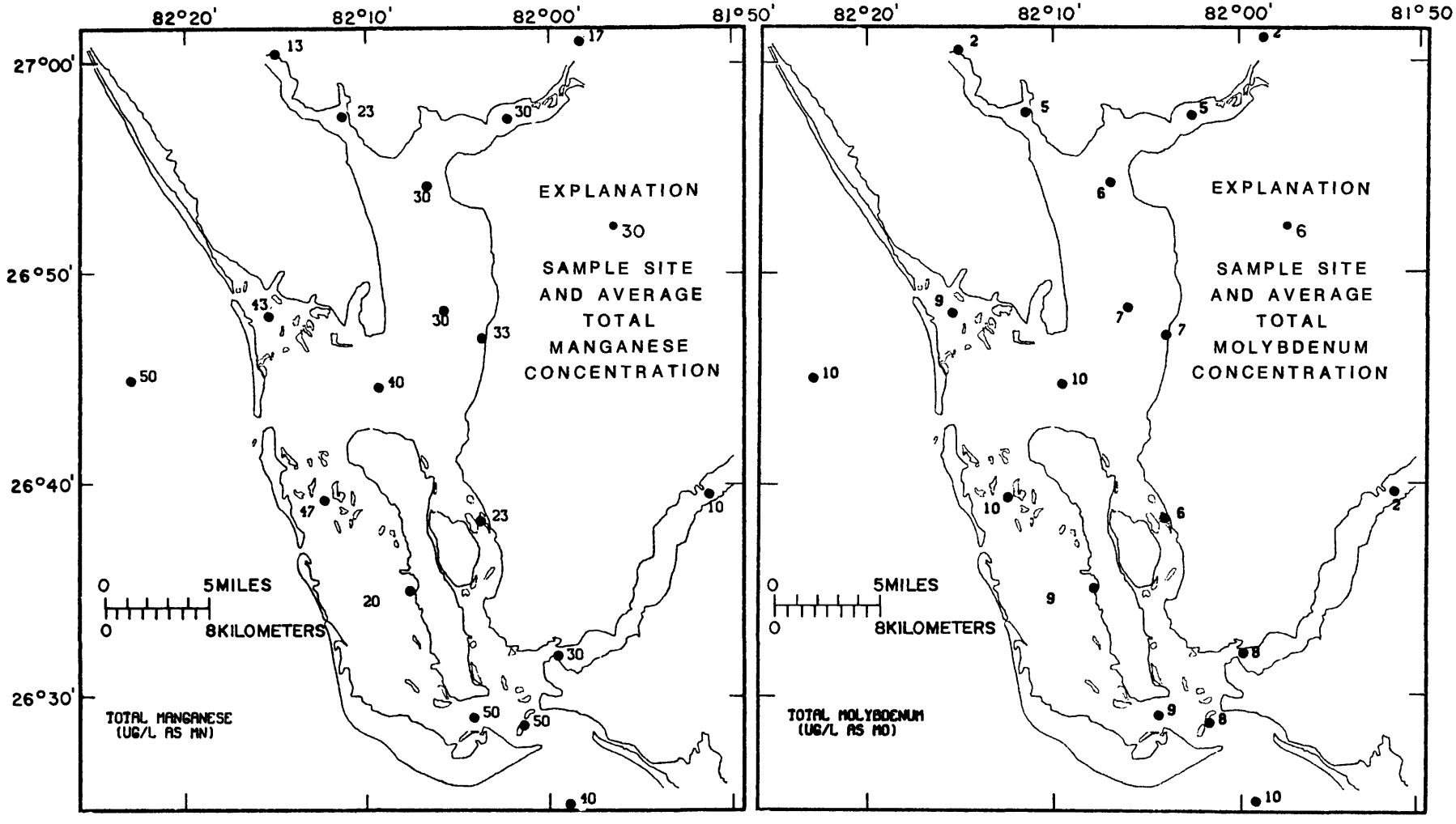


Figure 23.--Average concentrations at the harbor water-quality sites, 1982-84, of total manganese and total molybdenum.

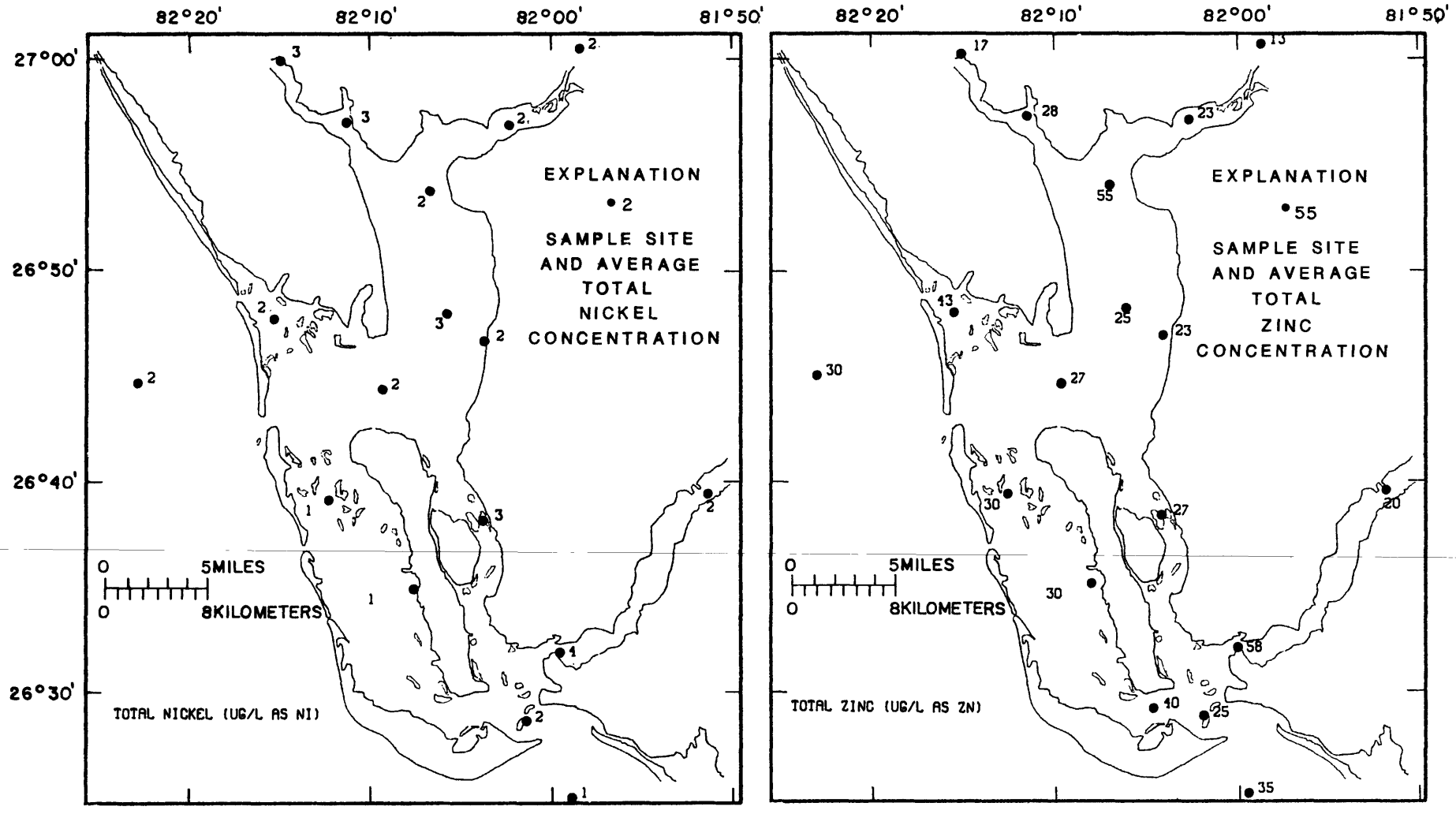


Figure 24.--Average concentrations at the harbor water-quality sites, 1982-84, of total nickel and total zinc.

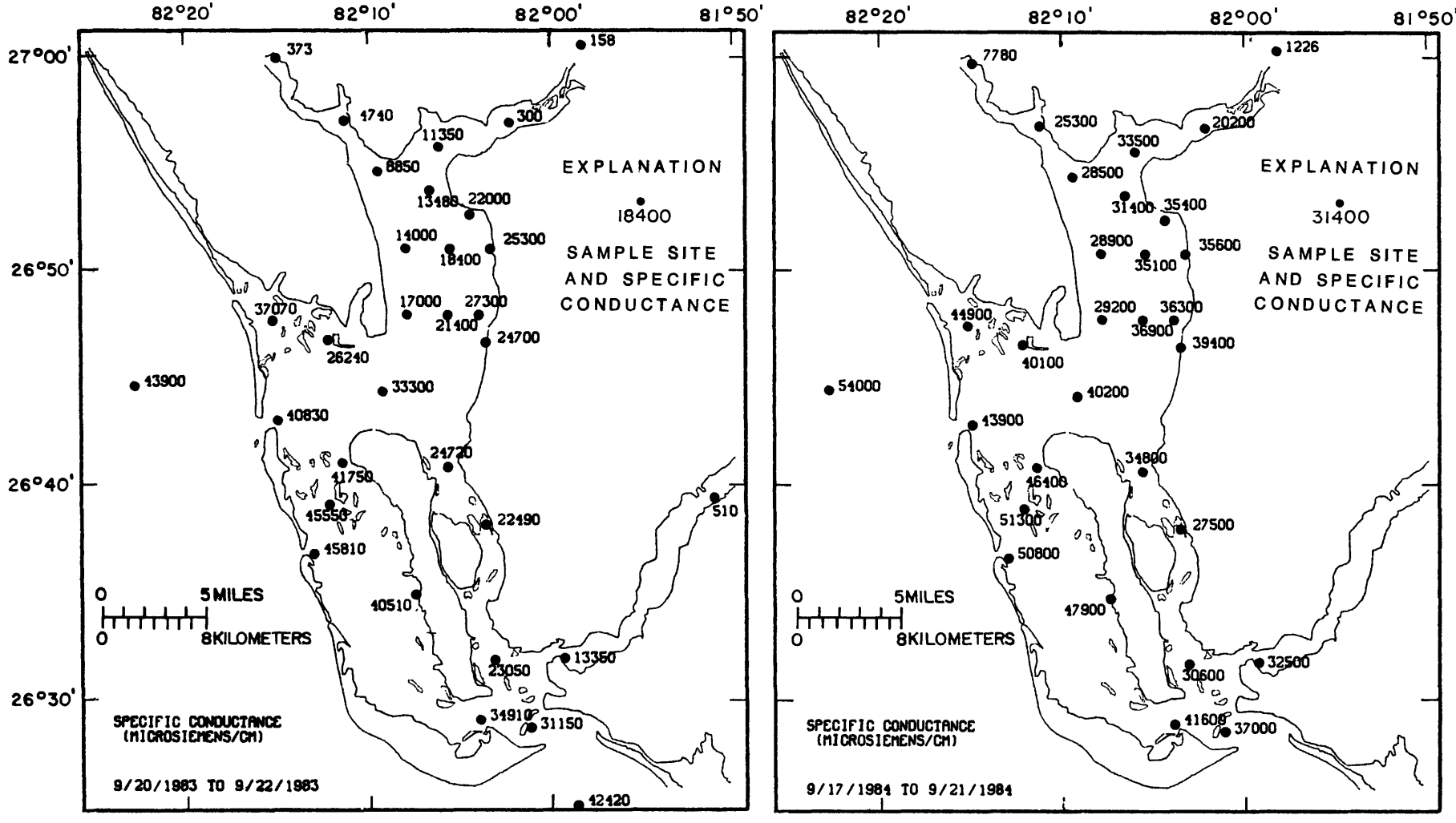


Figure 25.--Values at the harbor water-quality sites, September 20-22, 1983, and September 17-21, 1984, of specific conductance.

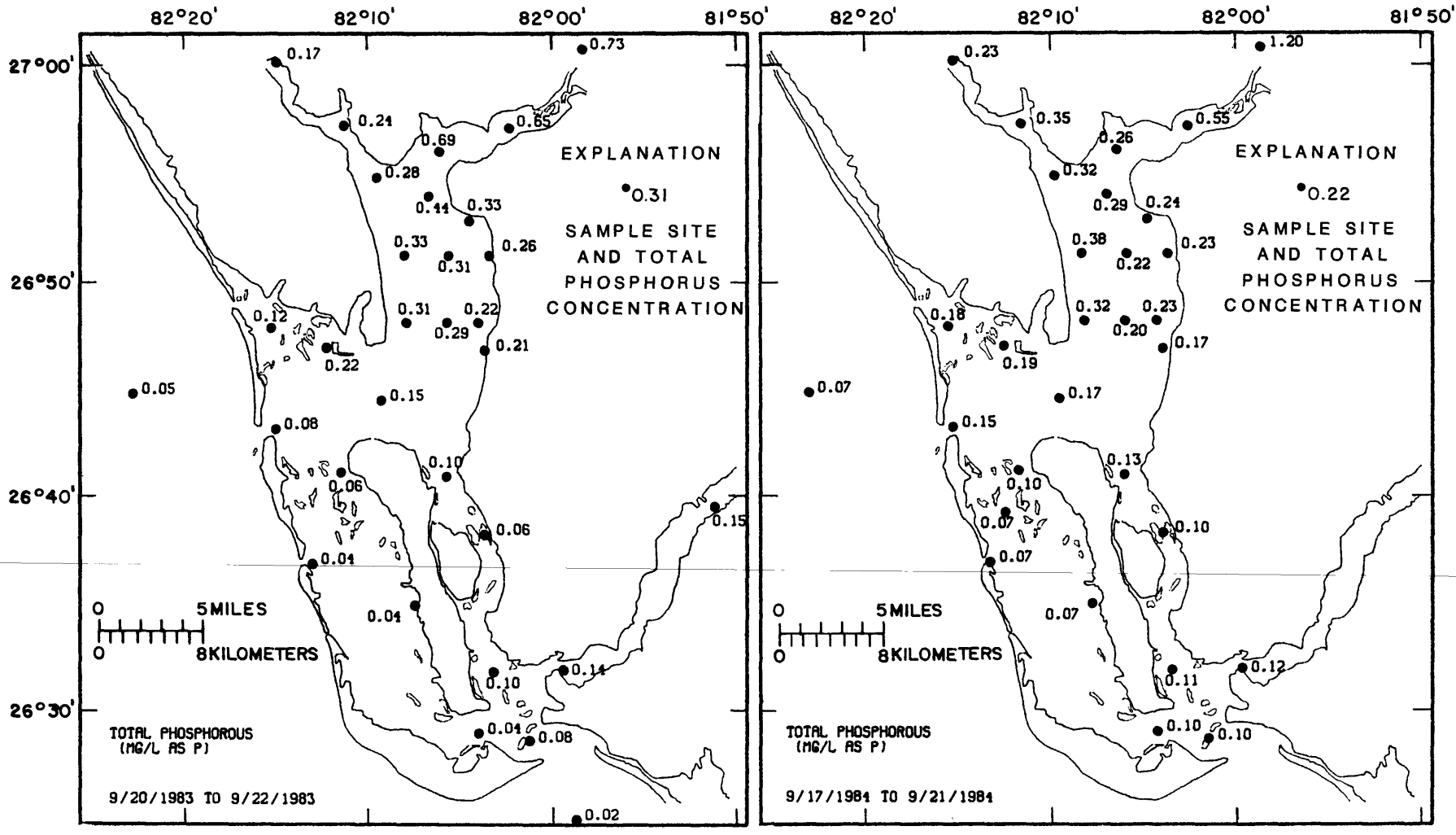


Figure 26.--Concentrations at the harbor water-quality sites, September 20-22, 1983, and September 17-21, 1984, of total phosphorus.

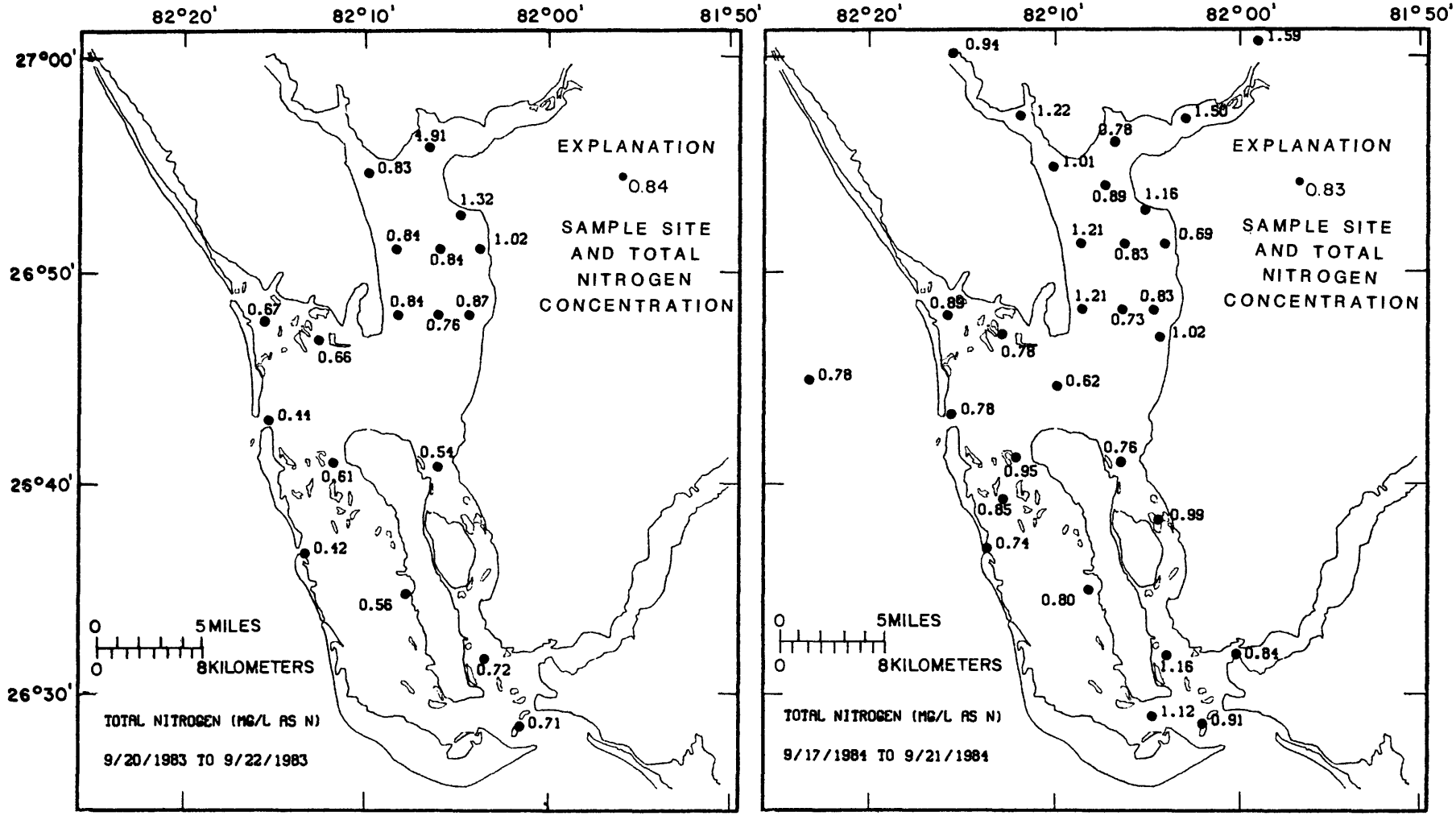


Figure 27.--Concentrations at the harbor water-quality sites, September 20-22, 1983, and September 17-21, 1984, of total nitrogen.

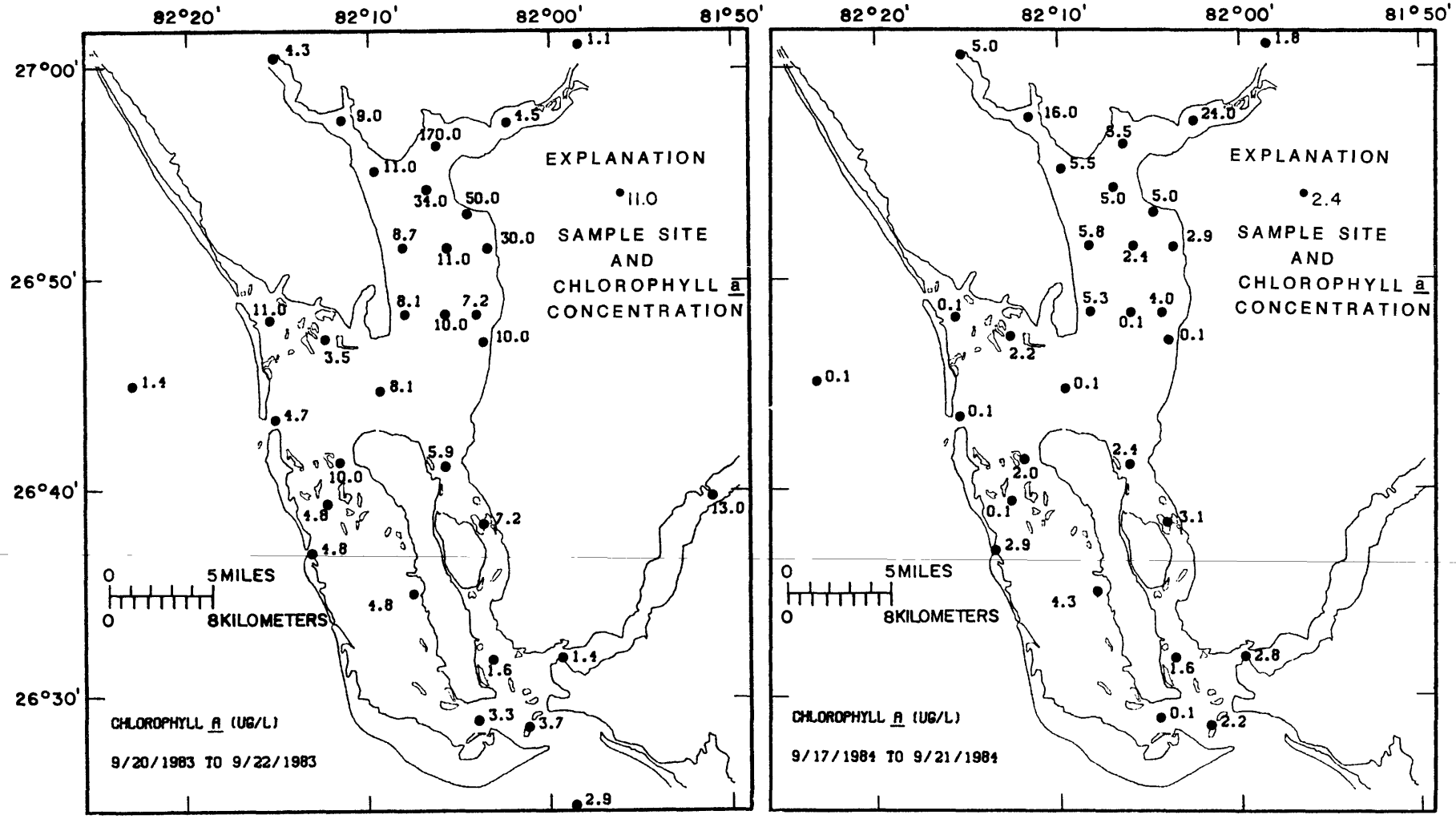


Figure 28.--Concentrations at the harbor water-quality sites, September 20-22, 1983, and September 17-21, 1984, of chlorophyll a.

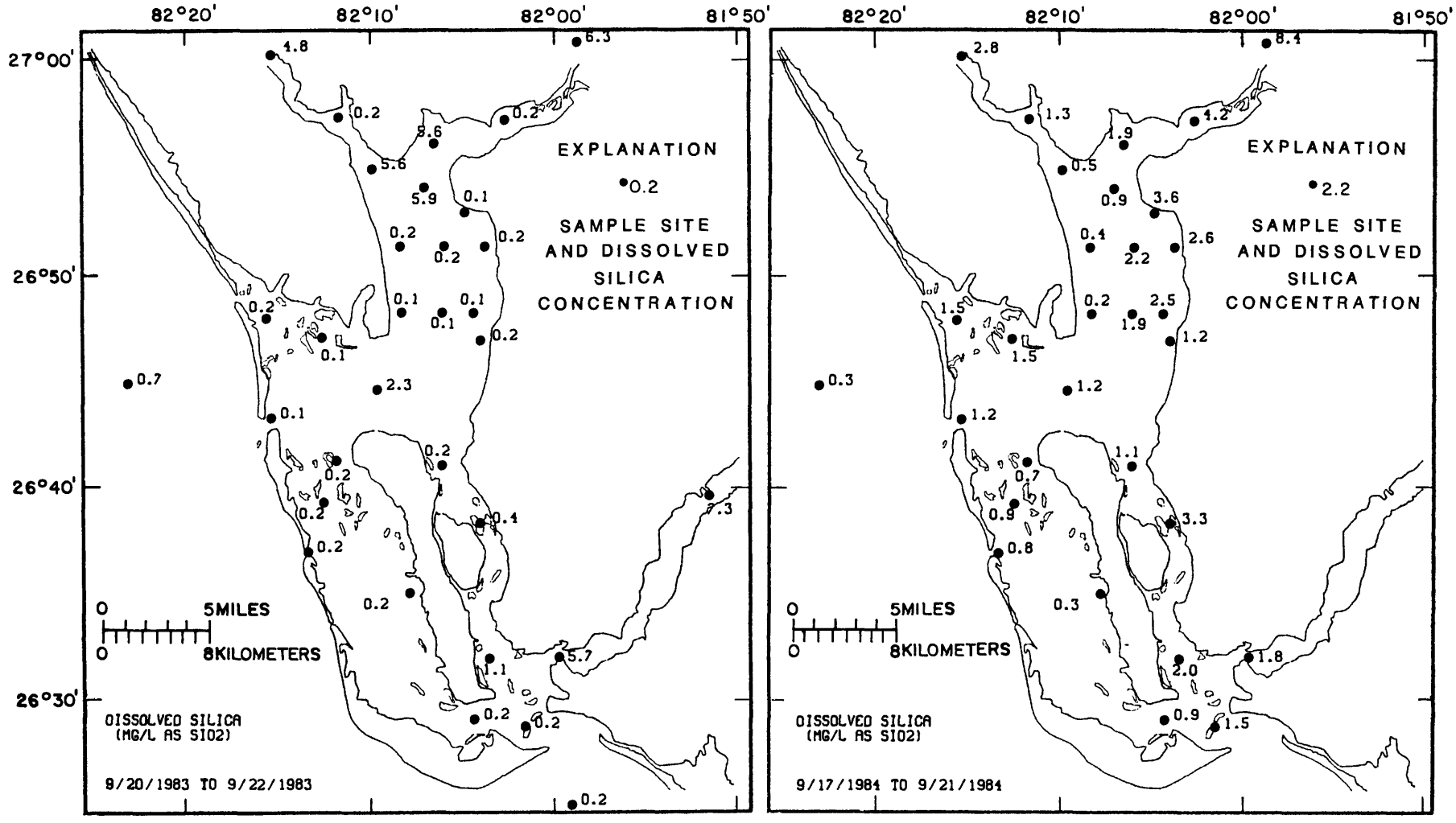


Figure 29.--Concentrations at the harbor water-quality sites, September 20-22, 1983, and September 17-21, 1984, of dissolved silica.

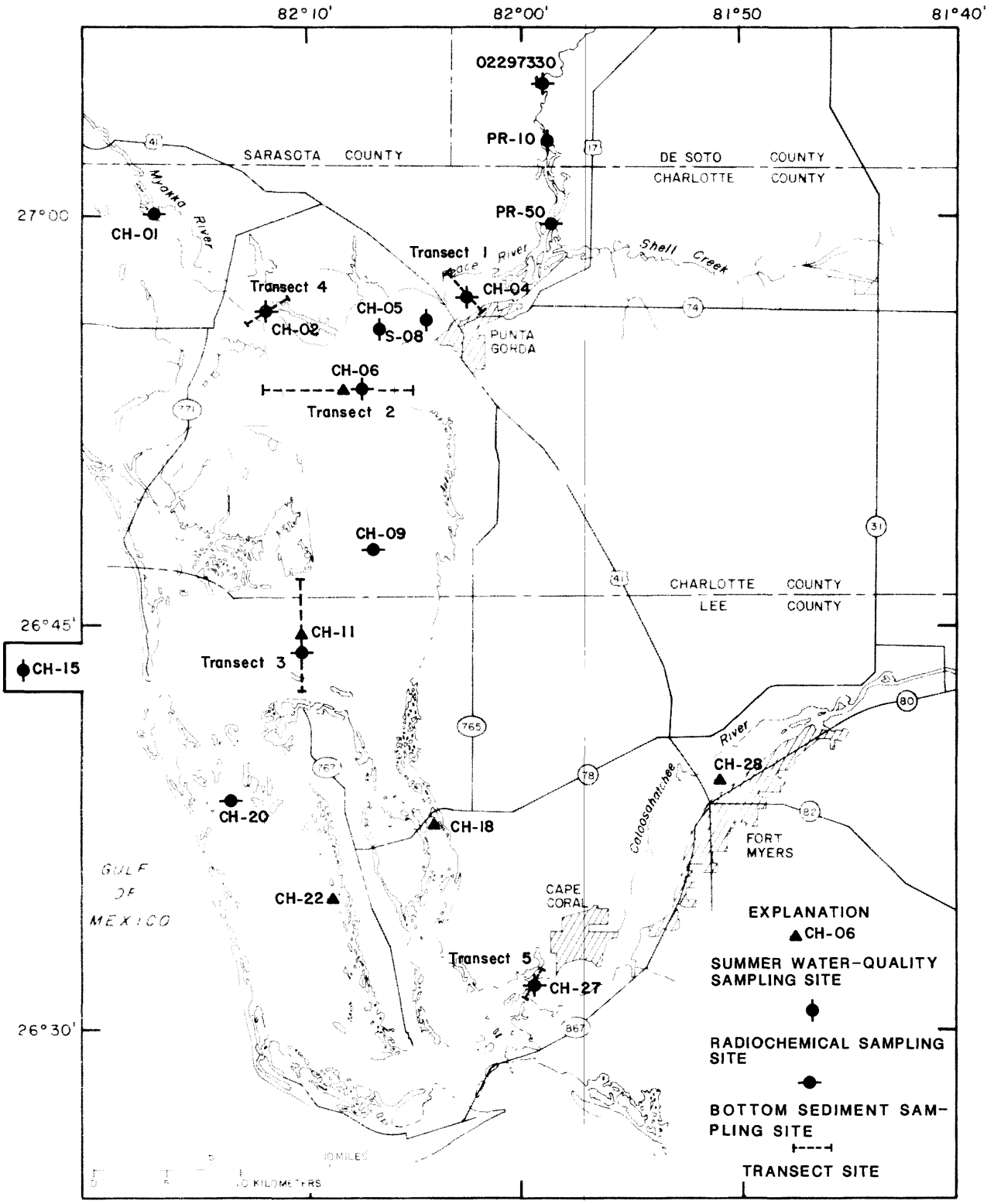


Figure 30.--Summer sampling sites, sediment sampling sites, and radiochemical sampling sites.

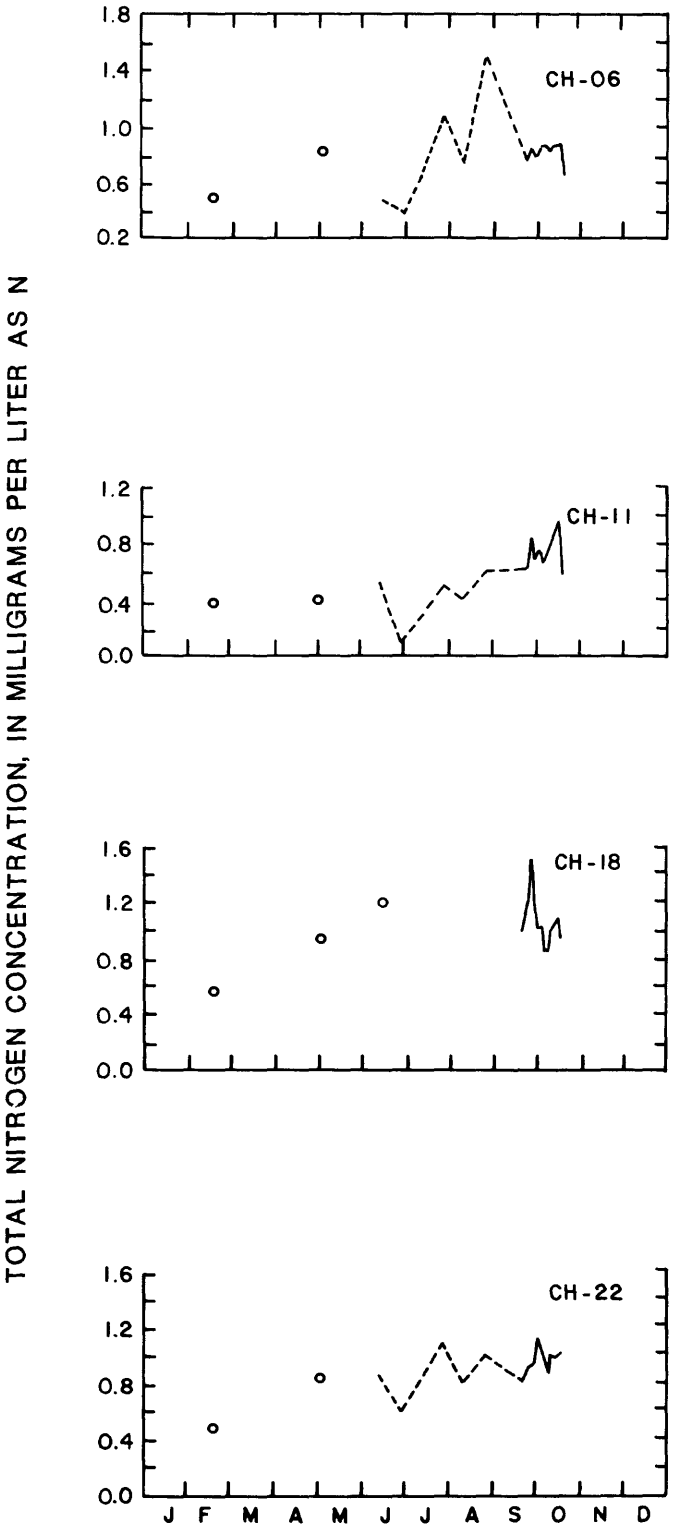


Figure 31.--Total nitrogen concentration in water at sites CH-06, CH-11, CH-18, and CH-22, 1984.

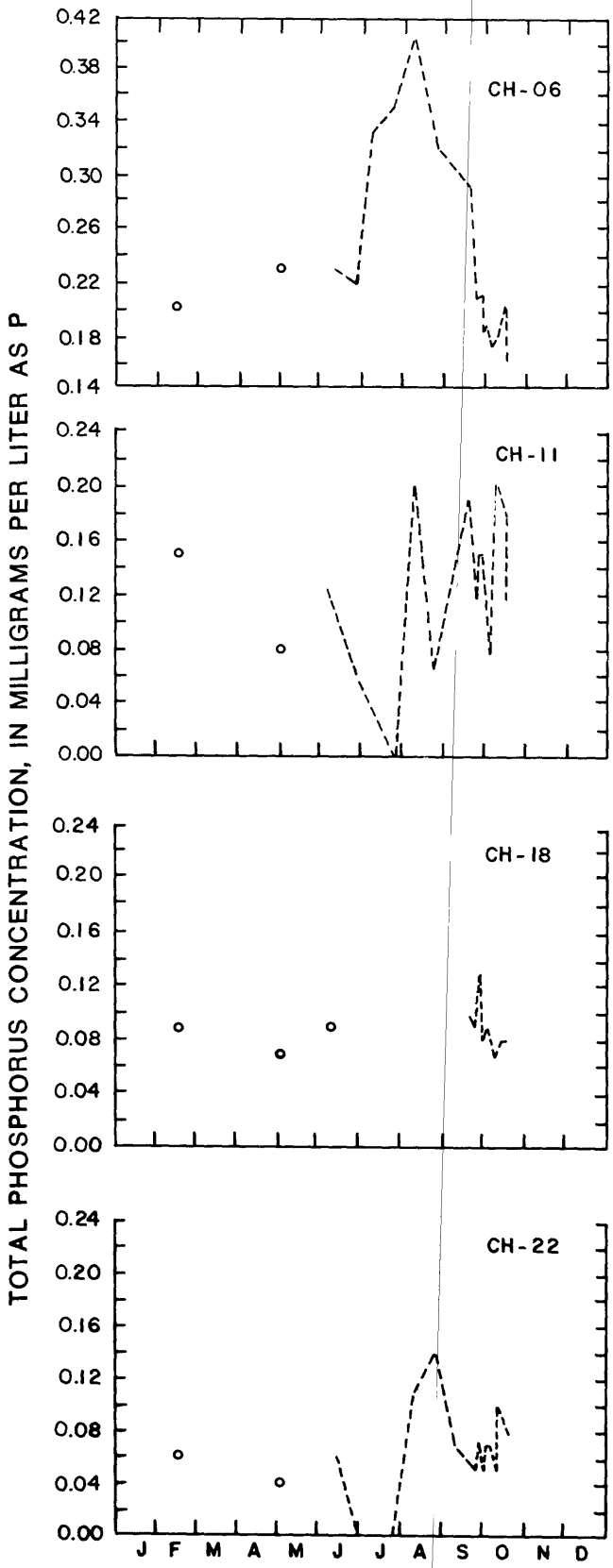


Figure 32.--Total phosphorus concentration in water at sites CH-06, CH-11, CH-18, and CH-22, 1984.

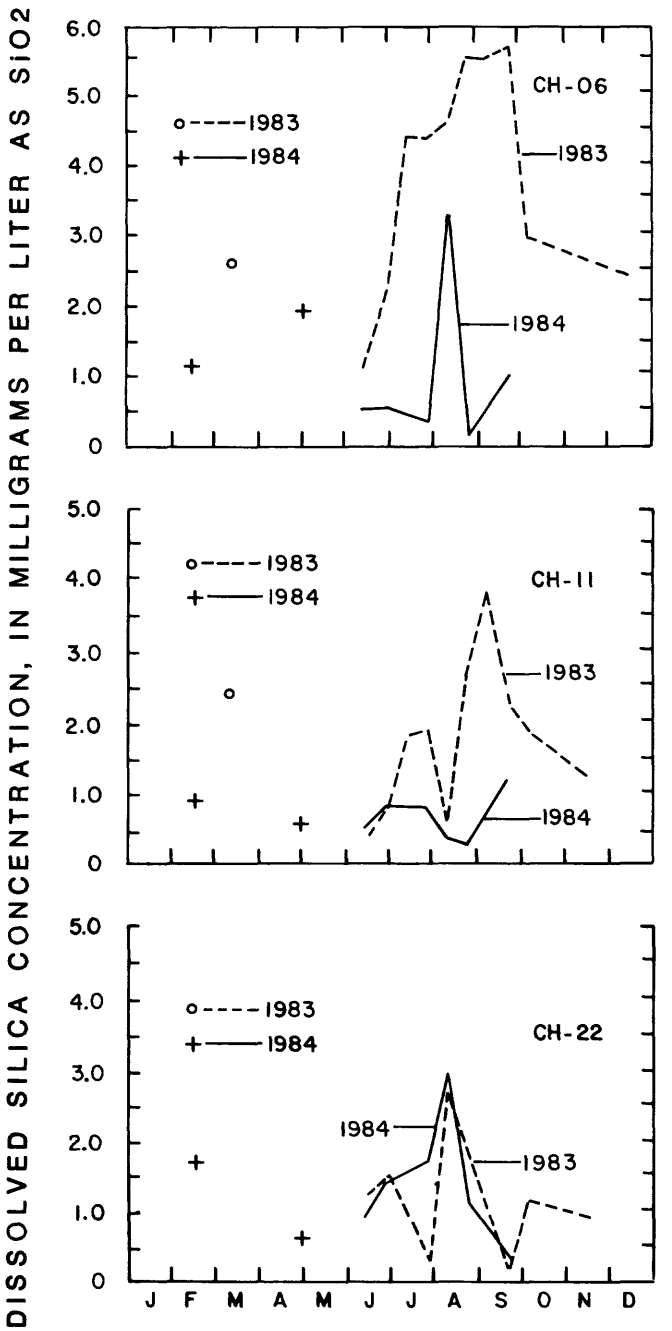


Figure 33.--Dissolved silica concentration in water at sites CH-06, CH-11, and CH-22, 1983 and 1984.

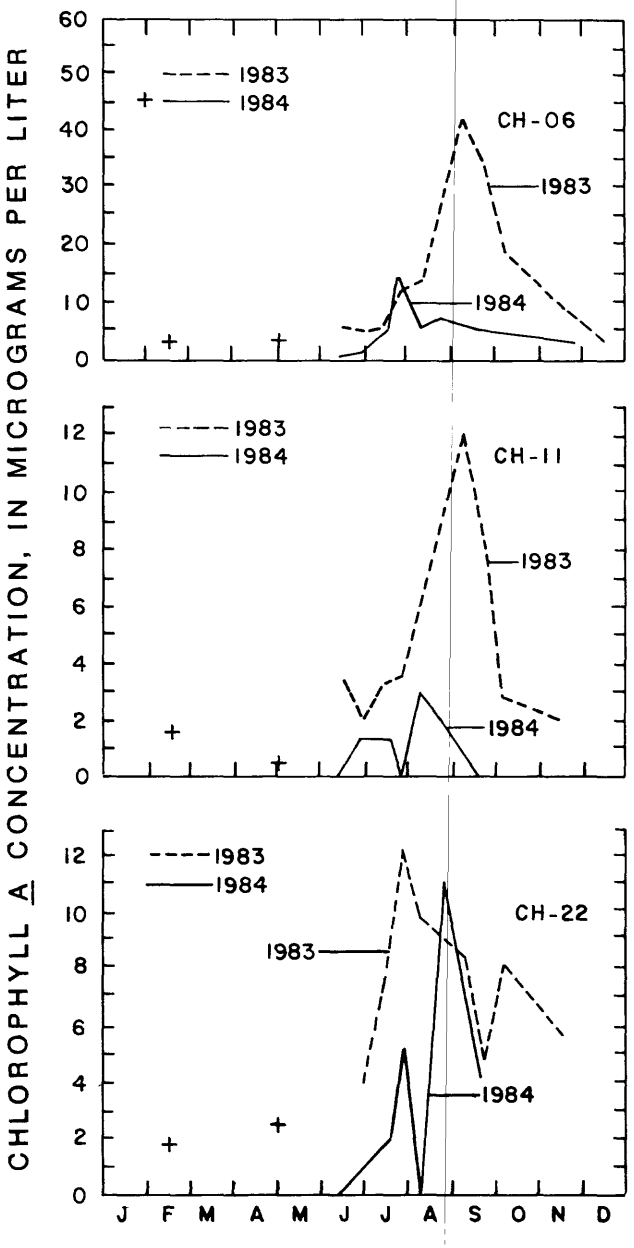


Figure 34.--Chlorophyll a concentration in water at sites CH-06, CH-11, and CH-22, 1983 and 1984.

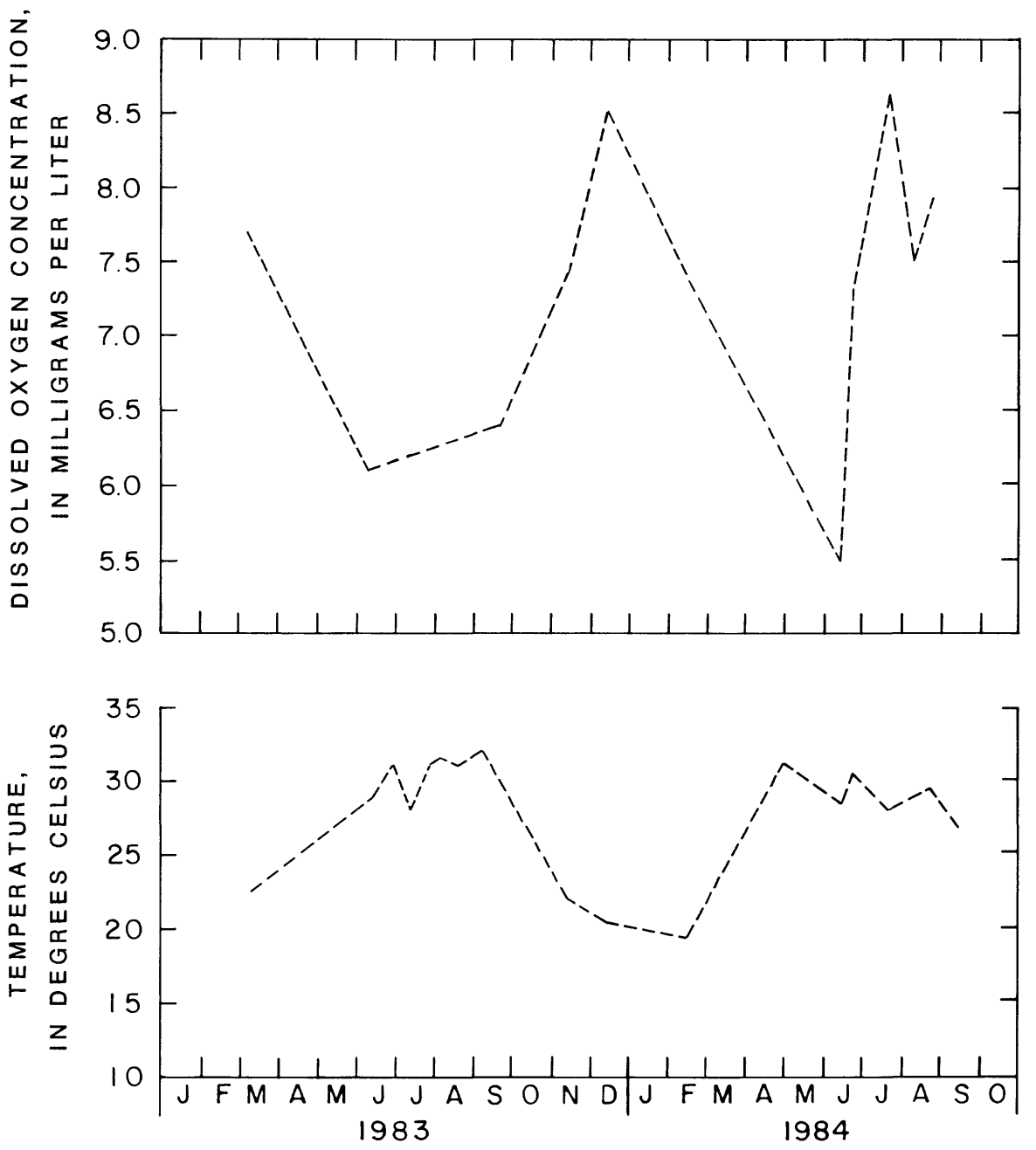


Figure 35.--Surface temperature and concentration of dissolved oxygen at site CH-06, 1983 and 1984.

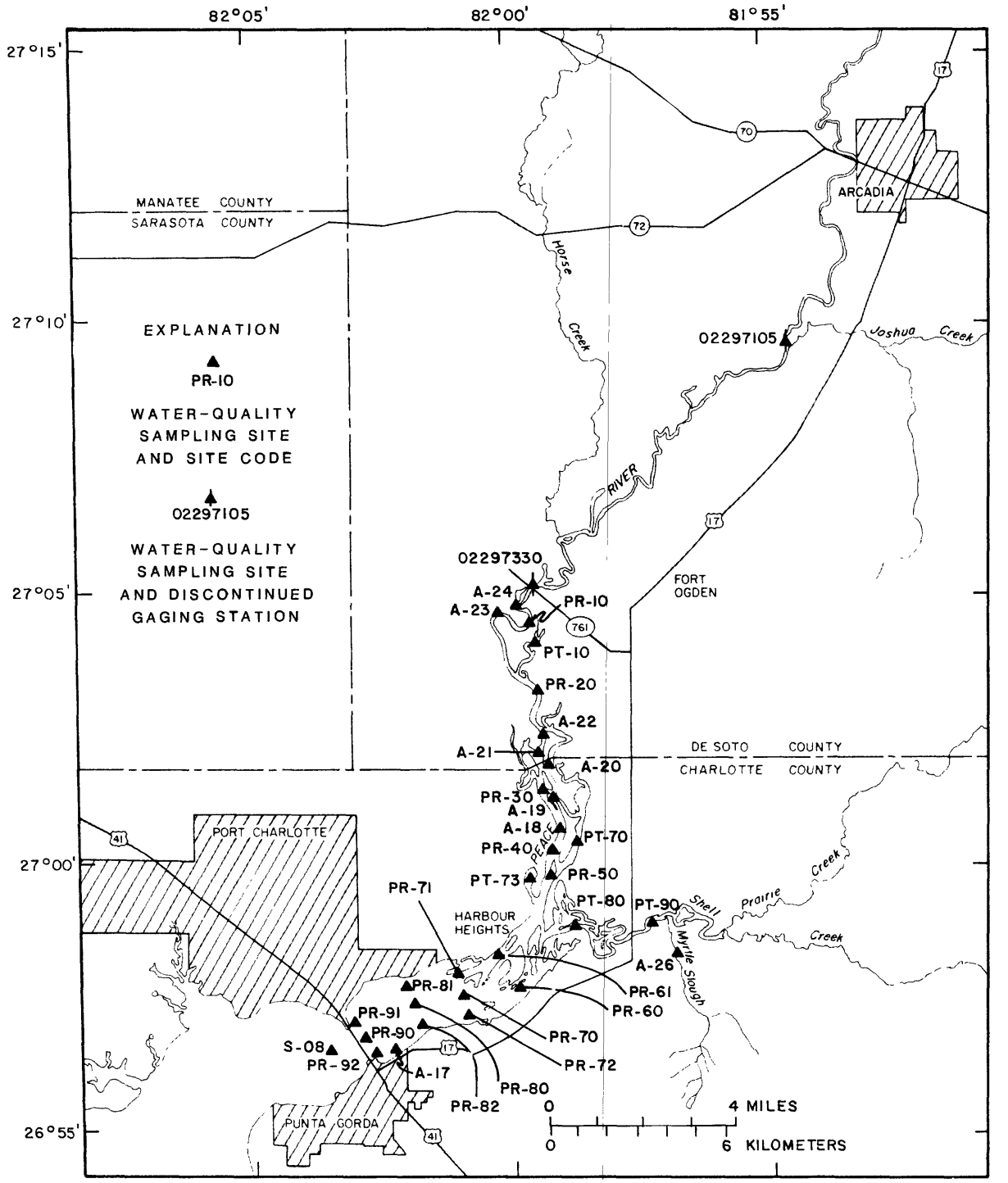


Figure 36.--Water-quality sampling sites in the Peace River during time-of-travel studies, March 1983 and July 1984.

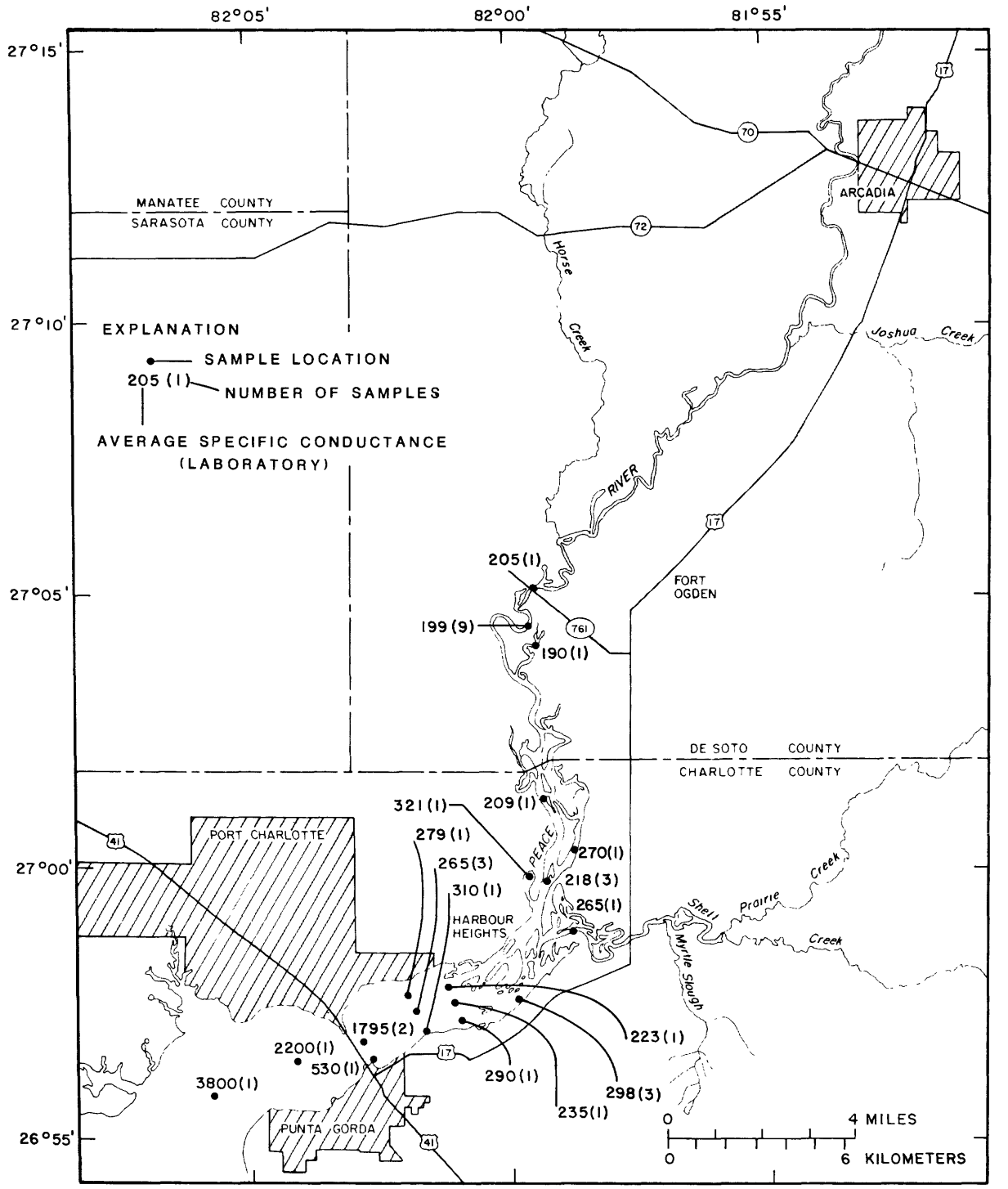


Figure 37.--Average values at selected sites in the Peace River of specific conductance (laboratory) during the March 1983 time-of-travel study.

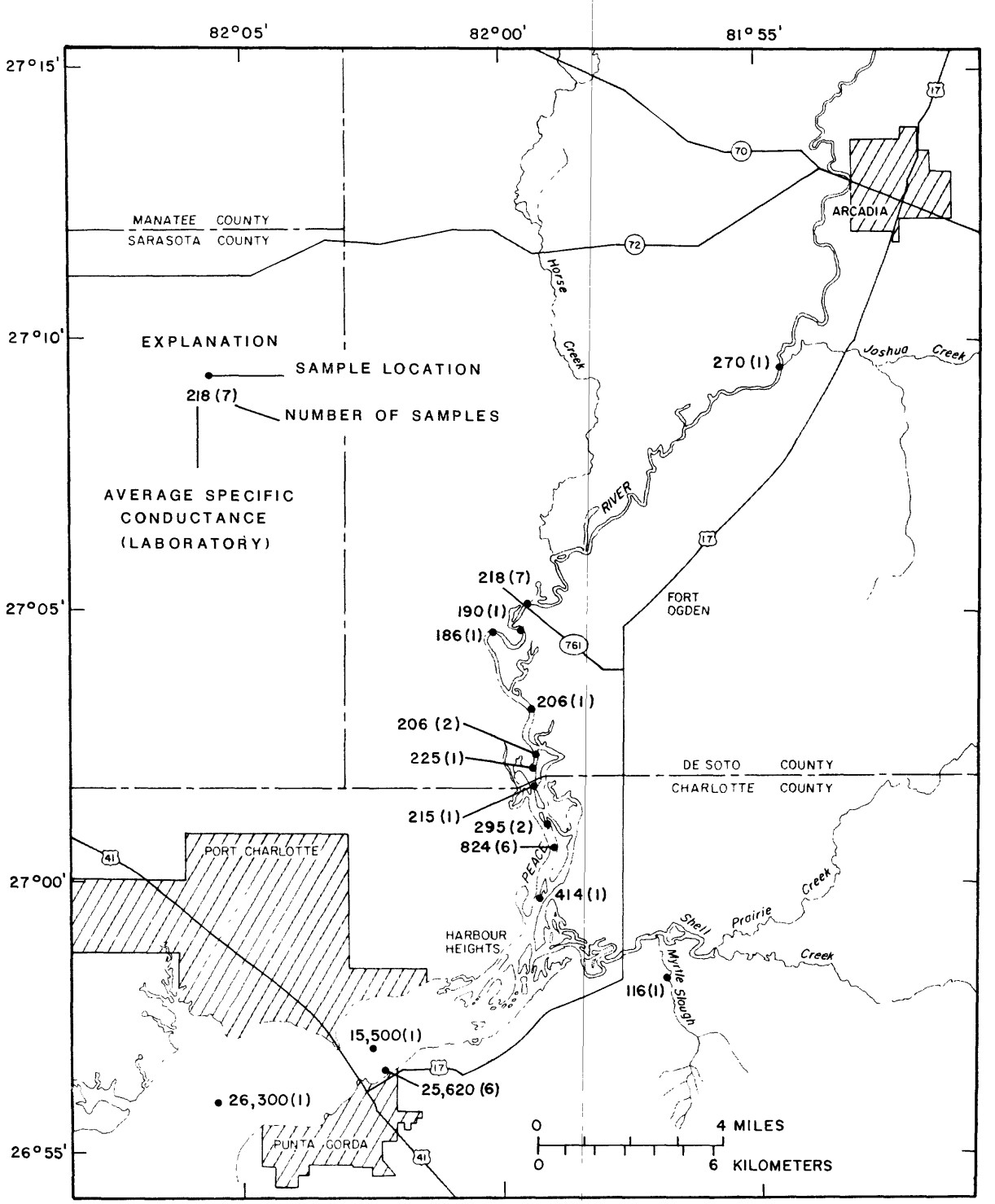


Figure 38.--Average values at selected sites in the Peace River of specific conductance (laboratory) during the July 1984 time-of-travel study.

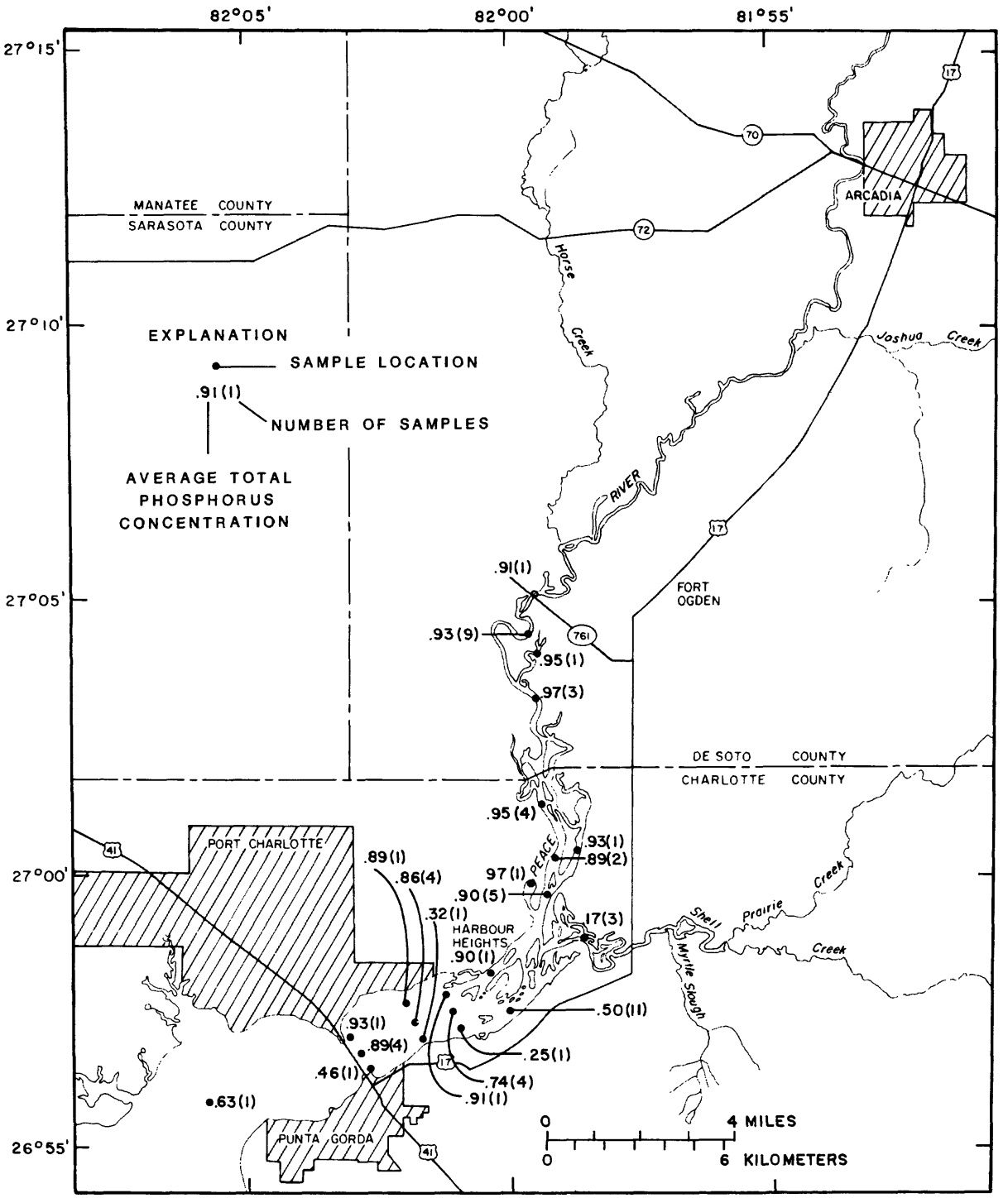


Figure 39.--Average concentration at selected sites in the Peace River of total phosphorus during the March 1983 time-of-travel study.

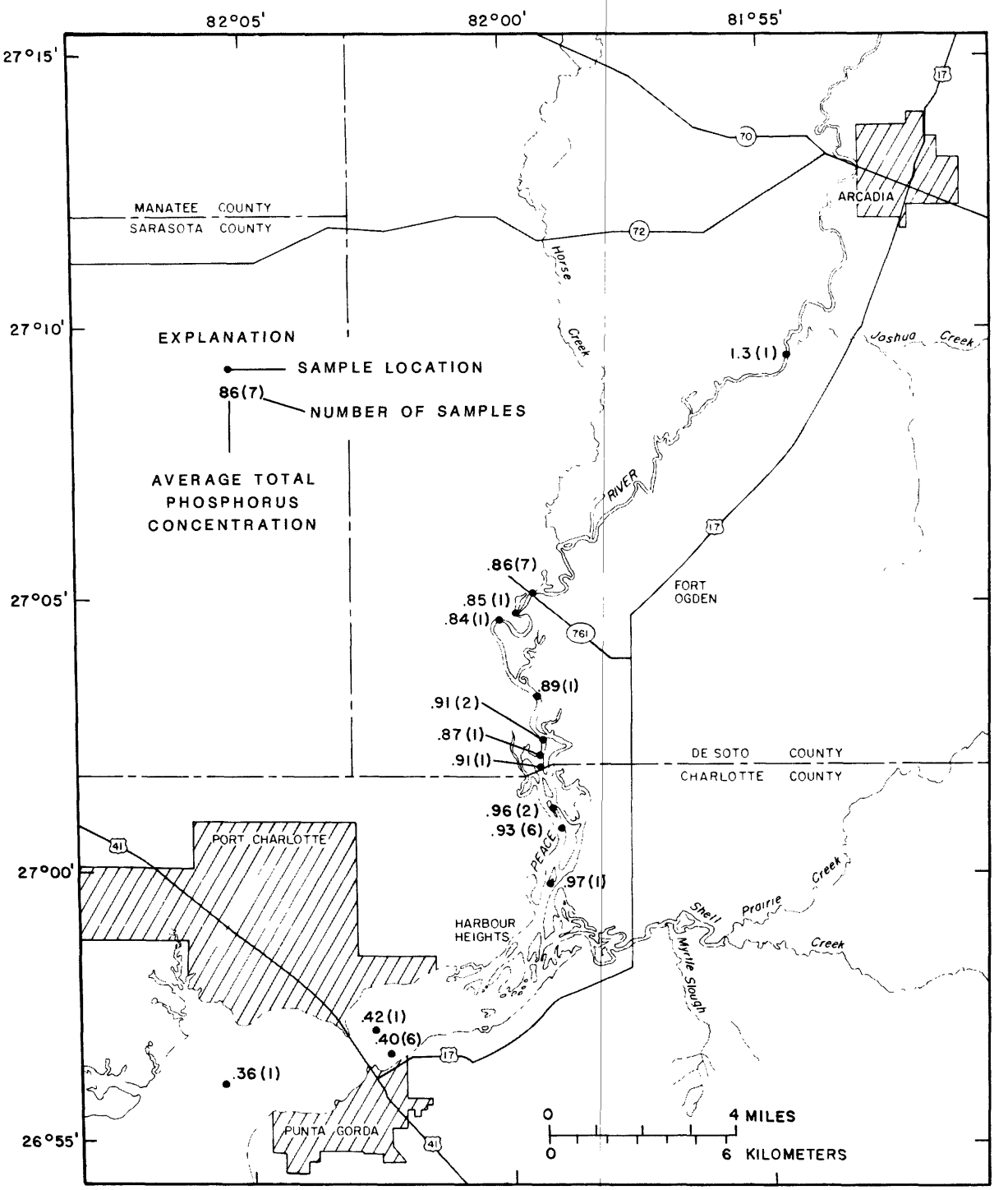


Figure 40.--Average concentration at selected sites in the Peace River of total phosphorus during the July 1984 time-of-travel study.

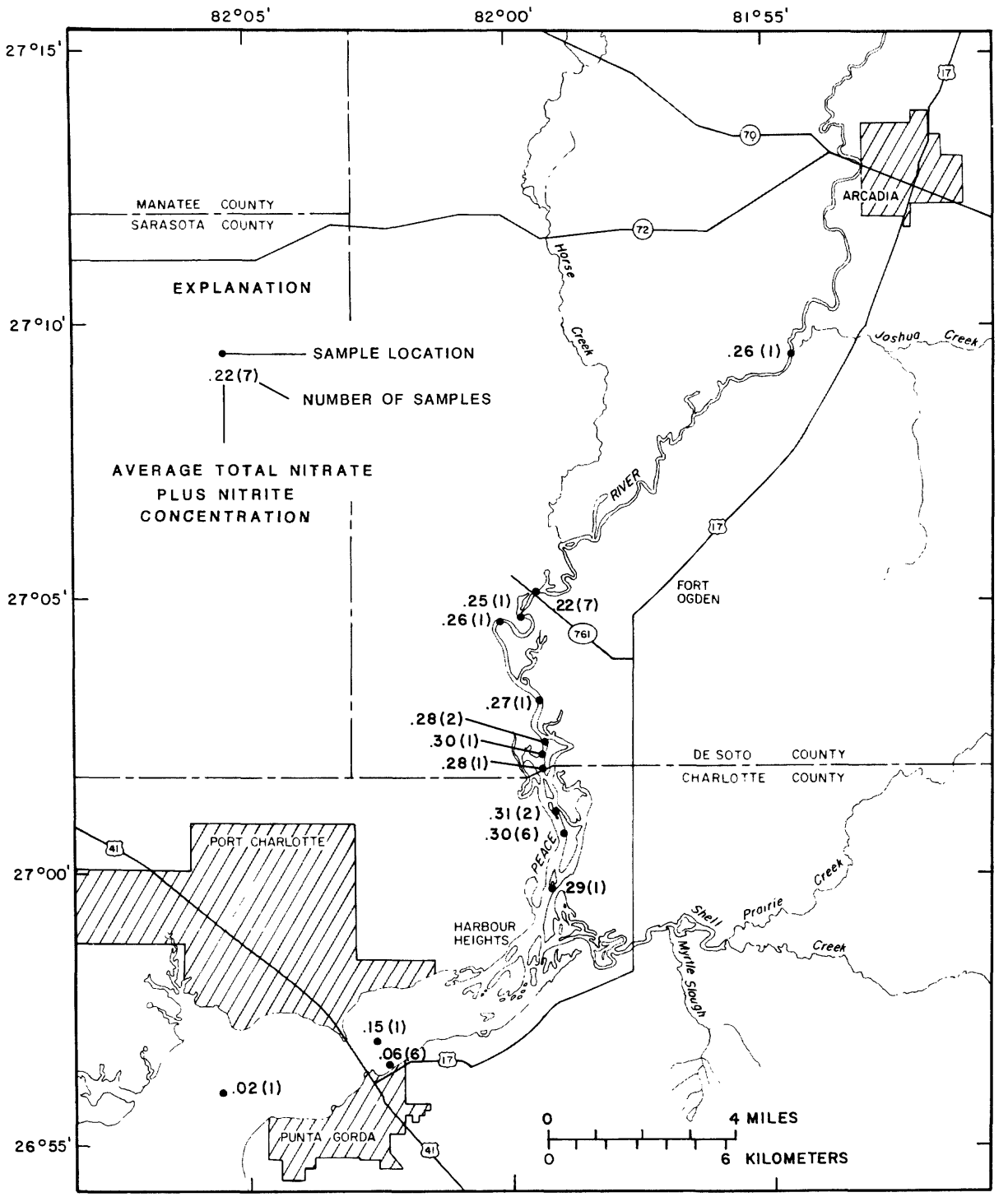


Figure 42.--Average concentration at selected sites in the Peace River of total nitrate plus nitrite during the July 1984 time-of-travel study.

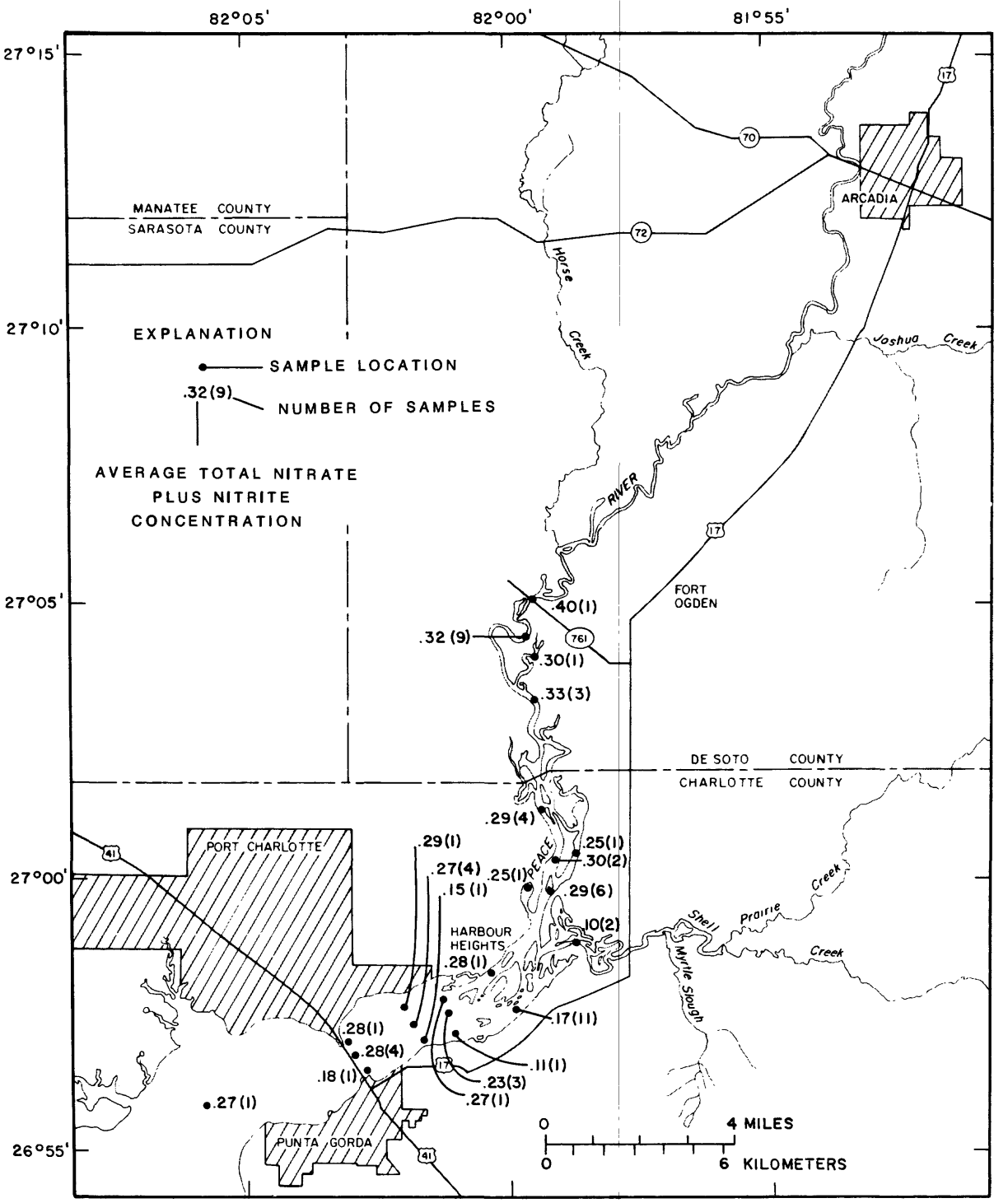


Figure 41.--Average concentration at selected sites in the Peace River of total nitrate plus nitrite during the March 1983 time-of-travel study.

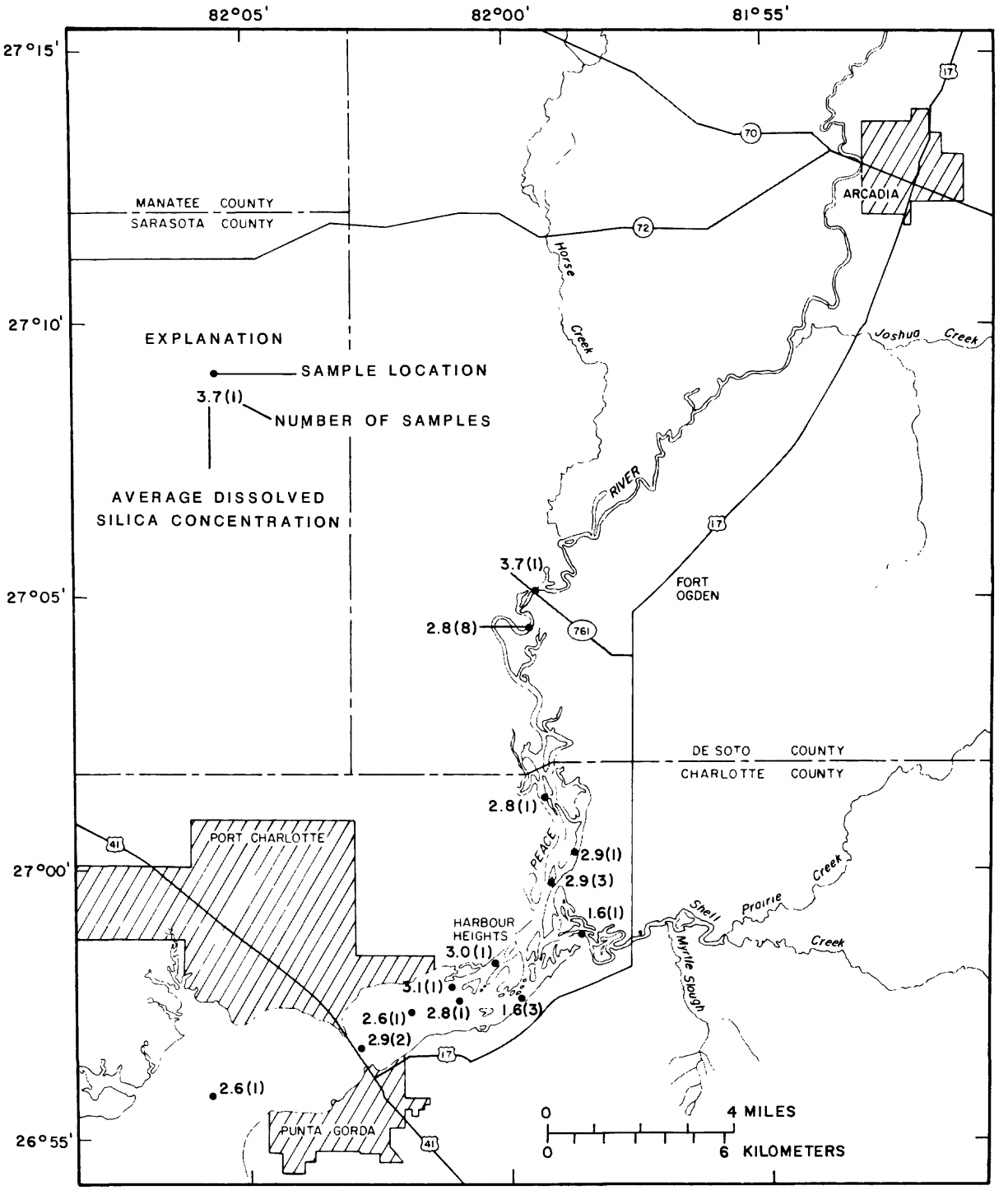


Figure 43.--Average concentration at selected sites in the Peace River of dissolved silica during the March 1983 time-of-travel study.

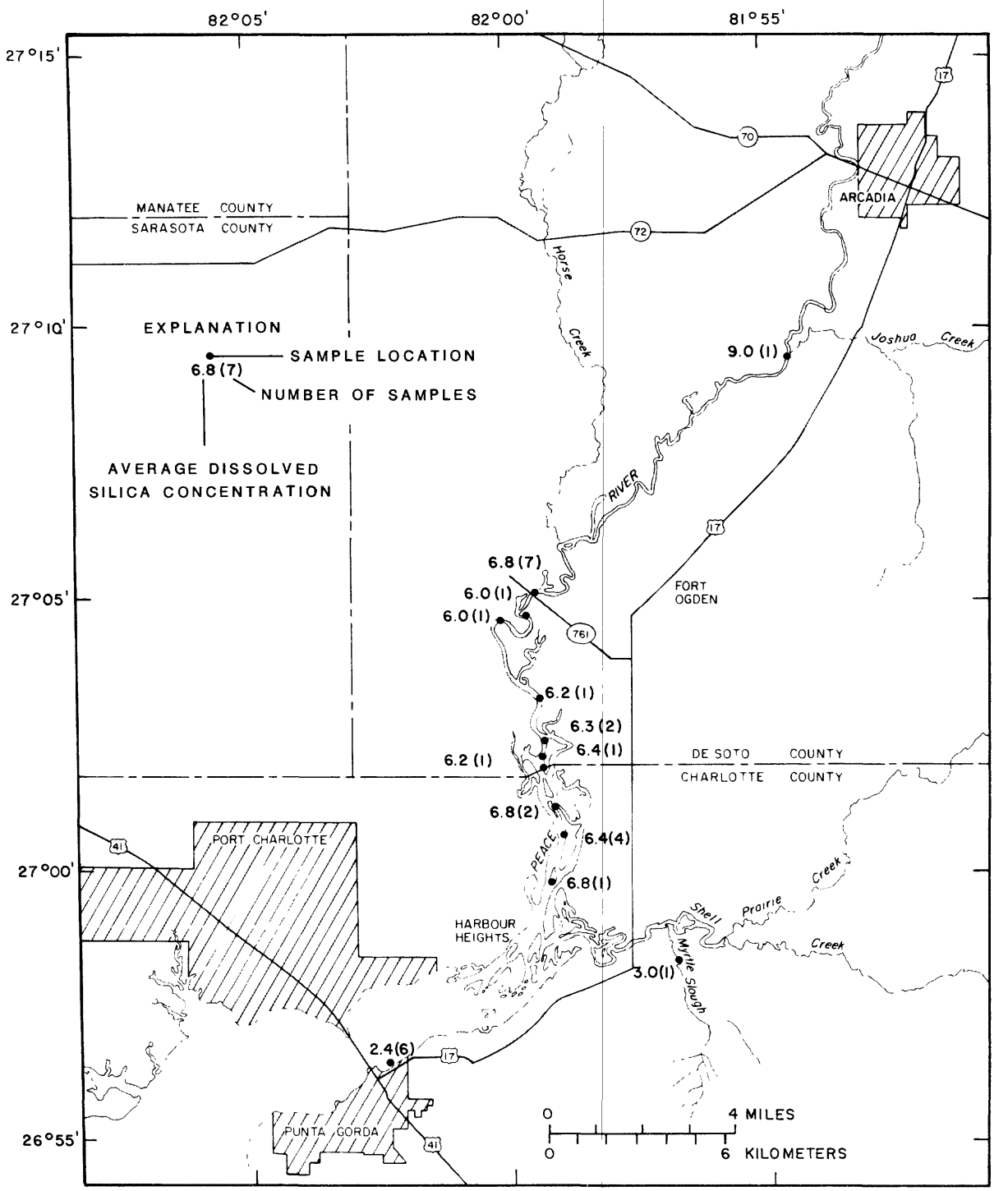


Figure 44.--Average concentration at selected sites in the Peace River of dissolved silica during the July 1984 time-of-travel study.

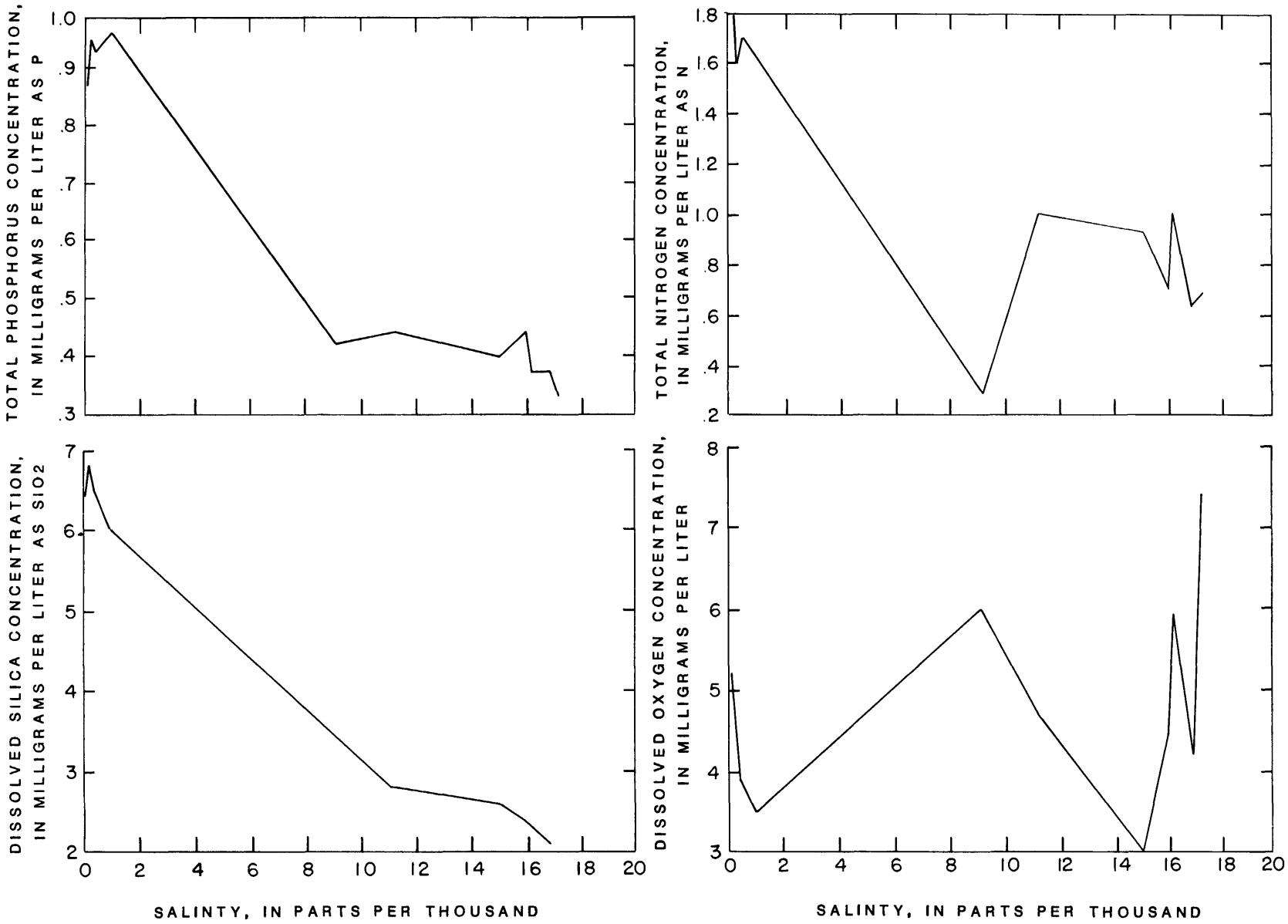


Figure 45.--Concentrations of dissolved silica, total phosphorus, dissolved oxygen, and total nitrogen versus salinity in the Peace River, July 1984. (Salinity values are computed from specific conductance measurements.)

Bottom sediments were collected intermittently in the harbor and in the Peace and Myakka Rivers (fig. 30). Point samples were analyzed for nitrogen, phosphorus, carbon, oil, grease, and sediment grain size. Table 9 lists the analyses results.

FIELD METHODS

Generally, water samples collected in the freshwater reaches of the streams were depth integrated at the stream center. Most other water samples in the tidal rivers and estuary were point samples collected near the water surface. In some cases, near-bottom samples were collected where density stratification occurred. In the harbor reconnaissance survey, water samples were composites of 5 to 10 samples collected at even-width increments along each transect (fig. 9). Samples were depth integrated using a weighted bottle. Bottom-sediment samples were also composites of 5 to 10 samples collected along the transect. Bottom-sediment sample locations for each transect were restricted to areas with fine organic sediments, excluding sandy-bottom areas. Sediment was collected with either a Peterson or an Ekman[1] dredge and passed through a 2-millimeter sieve into a large metal container. The samples were well mixed in the container and a representative sample removed for analysis.

A churn sample splitter was used in the reconnaissance surveys and in other water-quality sampling. The churn is a plastic bucket with a lid and a paddle for mixing sample water once water has been collected. Aliquants were withdrawn from a spigot at the bottom of the churn. Water for organic carbon analysis was not withdrawn from a churn, but was collected separately in a glass bottle to prevent possible contamination from the plastic of the churn.

All samples were preserved and stored following standard Geological Survey procedures (table 23). Filtering, when required, was done on site. Most nutrient samples were unfiltered and represent total nutrient concentrations.

Field measurements of temperature, pH, dissolved oxygen, and specific conductance were made using a multiparameter water-quality instrument that had a submersible probe. The instrument was calibrated prior to the day's sampling and intermittently throughout the day. Whereas water samples were collected either at a specific depth or were depth integrated, field measurements were always made at one or more depths in a vertical profile. Generally, if the water was stratified, a series of measurements was made in the vertical water column to better define stratification. Field measurements of temperature, specific conductance, and dissolved oxygen accompany most water-sample analyses.

The transparency and light-attenuating properties of water were measured in the field. Transparency was measured using a standard Secchi disk. Light attenuation was measured using a Li-Cor photometer that had a submersible probe. Incident light was measured in air, then the depth below the water surface to 1 percent of the incident light was determined. If the light at the bottom was greater than 1 percent, the percent available was recorded. Both incident light and 1-percent depth data are recorded in the tables.

[1]Use of brand names in this report is for identification purposes only and does not constitute endorsement by the U.S. Geological Survey.

SAMPLE ANALYSIS

Samples were analyzed in U.S. Geological Survey Laboratories. Analytical methods and precision are given in Greeson and others (1977), Greeson (1979), and Skougstad and others (1979).

Taxonomic identification and enumeration of phytoplankton samples are not complete and, therefore, are not included in this report. The collection of these samples is noted to document data collected during water-quality sampling that will be available at a later date.

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National Oceanic and Atmospheric Administration, 1984, Climatological data, annual summary, Florida, 1983: Asheville, N.C., v. 87, no. 13, 24 p.

Skougstad, M. W., Fishman, M. J., Friedman, L. C., Erdmann, D. E., and Duncan, S. S., eds., 1979, Methods for determination of inorganic substances in water and fluvial sediments: U.S. Geological Survey Techniques of Water-Resources Investigations, Book 5, Chap. A1, 626 p.

U.S. Geological Survey, 1981, Water resources data for Florida, water year 1980, volume 2A: South Florida--surface water: U.S. Geological Survey Water-Data Report FL-80-2A, 652 p.

----- 1983, Water resources data for Florida, water year 1982, volume 3A: Southwest Florida--surface water: U.S. Geological Survey Water-Data Report FL-82-3A, 485 p.

GLOSSARY

Terms used to describe the concentrations of constituents in water and sediment are defined below.

Dissolved refers to the amount of a constituent remaining in a water sample that has been passed through a 0.45-micron filter.

Incident light refers to the amount of light measured in air in the 400- to 700-nanometer wavelength range. The amount of light is measured as microeinsteins per square meter per second.

Recoverable from bottom material is the sediment term equivalent to the "total recoverable" term for water.

Suspended refers to the amount of a constituent that is retained on a 0.45-micron filter. At least 95 percent of the constituent is detected by the analytical method.

Total is used when the analytical procedure measures at least 95 percent of the constituent.

Total in bottom material is used when the analytical method measures at least 95 percent of the constituent.

Total recoverable refers to the amount of a constituent in water after the sample has been digested by a method (usually a weak acid) that releases only readily soluble substances. Complete digestion is not achieved by these methods, and the concentration represents less than 95 percent.

Table 1.--Water-quality and sediment sampling schedule for the Charlotte Harbor environmental assessment study

[WQS = water-quality sampling]

Date	Data presented (table number)	Sampling summary
11/82, 12/82	2 through 4	Reconnaissance WQS in rivers
12/82	5 through 15, 20	Reconnaissance WQS in the harbors
12/82	6 through 8	Reconnaissance sediment sampling in the harbor
03/83	17 through 19	WQS during time-of-travel studies in the Peace River
03/83	11 through 15	WQS in the harbor (14 sites)
03/83	20	Radiochemical sampling (3 sites)
06/83	11 through 15	WQS in the harbor (23 sites)
06/83-10/83	11 through 15	Biweekly WQS in the harbor (4 sites)
08/83	11 through 13, 17 through 20	Radiochemical and WQS in the harbor and Peace River (4 sites)
09/83	11 through 15	WQS in the harbor (32 sites)
09/83	11 through 13, 17 through 20	Radiochemical and WQS (3 sites)
11/83	11 through 15	WQS in the harbor (15 sites)
12/83	11 through 15	WQS in the harbor (11 sites)
01/84	7, 11 through 13, 17 through 20	Sediment, WQS, and radiochemical sampling in the harbor and rivers (6 sites)
02/84	11 through 15	WQS in the harbor (15 sites)
04/84, 05/84	11 through 15	WQS in the harbor (32 sites)
06/84	11 through 15	WQS in the harbor (15 sites)
06/84-09/84	11 through 15	Biweekly WQS in the harbor (3 sites)
07/84	17 through 19	WQS during time-of-travel studies in the Peace River
09/84-10/84	11 through 15	Three-times-a-week WQS in the harbor (4 sites)
09/84	17 through 19	WQS in the Peace River (4 sites)
09/84	11 through 15	WQS in the harbor (36 sites)
12/82-10/84	16	Bimonthly WQS at Joshua and Shell Creeks

Table 2.-- Site codes, site locations, station numbers, and station names of sampling sites

SITE CODE	SITE LOCATION (FIGURE NUMBER)	STATION NUMBER	STATION NAME
	4	02292900	CALOOSAHATCHEE RIVER AT S-79, NEAR OLGA
	6	0229675C	PEACE RIVER AT ARCADIA
	6	02297100	JOSHUA CREEK AT NOCATEE
	38	02297105	PEACE RIVER AT NOCATEE
	32, 38	02297330	PEACE RIVER AT FORT OGDEN
	6	02298202	SHELL CREEK NEAR PUNTA GORDA
	5	02298608	MYAKKA RIVER AT MYAKKA CITY
	5	02298830	MYAKKA RIVER NEAR SARASOTA
	5	02298930	MYAKKA RIVER NEAR VENICE
	5	02299188	DEER PRAIRIE SLOUGH NEAR WARM MINERAL SPRINGS
A-01	4	263745081533600	CALOOSAHATCHEE RIVER AT MARKER 56 NEAR FT MYERS
A-02	4	264106081494900	CALOOSAHATCHEE RIVER AT MARKER 26 NEAR FT MYERS
A-03	4	264115081473200	ORANGE RIVER AT SR-80 NEAR FT MYERS
A-04	4	264257081454100	CALOOSAHATCHEE RIVER AT SR-31 BRIDGE NEAR FT MYERS
A-06	4	264349081420600	ICB TELEGRAPH CREEK AT SR-78
A-07	6	265615082042C00	PEACE RIVER ESTUARY NEAR PUNTA GORDA SEWAGE OUTFALL
A-08	6	265727082013100	PEACE RIVER ESTUARY BETWEEN US-41 AND COON KEY
A-09	6	270243081593400	PEACE RIVER BELOW THORNTON BRANCH NEAR FT OGDEN
A-12	5	270557082123400	BIG SLOUGH AT I-75 AT NORTH PORT
A-13	6	270700081573200	PEACE RIVER NEAR HULL
A-14	6	270930081575800	HORSE CREEK AT SR-761 NEAR FT OGDEN
A-15	5	271725082144400	CLAY GULLEY AT SR-780 NEAR OLD MYAKKA
A-16	5	271804082151500	MYAKKA RIVER ABOVE UPPER MYAKKA LAKE AT SR-780
A-17	38	265627082030700	PEACE RIVER FISHING PIER NEAR US-41 AT PUNTA GORDA
A-18	38	270034081590300	PEACE RIVER AT MARY POINT AT HARBOR HEIGHTS
A-19	38	270127081592400	PEACE RIVER AT MILE 12.6 NEAR HARBOR HEIGHTS
A-20	38	270153081592900	PEACE RIVER AT MILE 13.1 NEAR HARBOR HEIGHTS
A-21	38	270208081592600	PEACE RIVER AT MILE 13.4 NEAR HARBOR HEIGHTS
A-22	38	270234081592400	PEACE RIVER AT MILE 13.9 NEAR HARBOR HEIGHTS
A-23	38	270445082001000	PEACE RIVER AT MILE 17.1 NEAR FT OGDEN
A-24	38	270454081595700	PEACE RIVER AT MILE 18.4 NEAR FT OGDEN
A-26	38	265838081564400	MYRTLE SLOUGH AT SR-764 NEAR CLEVELAND
CH-01	5, 11, 32	270009082152900	MYAKKA RIVER ESTUARY NEAR BIRD KEY
CH-02	11, 32	265653082111500	MYAKKA RIVER ESTURAY TRANSECT NO. 4, NEAR EL JOBEAN
CH-03	11	265448082094000	CHARLOTTE HARBOR SAMPLE SITE CH-3 NEAR MOUTH OF MYAKKA RIVER MARKER 8
CH-04	11, 32	265702082030000	PEACE RIVER ESTUARY TRANSECT NO. 1, EAST OF US-41 BRIDGE
CH-05	11, 32	265522082064600	PEACE RIVER AT MOUTH AT PORT CHARLOTTE
CH-06	11, 32	265355082075500	UPPER CHARLOTTE HARBOR TRANSECT NO.2 NEAR MANGROVE POINT
CH-07	11	265242082044200	CHARLOTTE HARBOR SAMPLE SITE CH-07 NEAR ALLIGATOR CREEK MOUTH
CH-08	11	264800082081800	CHARLOTTE HARBOR SAMPLE SITE CH-08 NEAR CAPE HAZE BAY
CH-09	11, 32	264800082063000	CHARLOTTE HARBOR SAMPLE SITE CH-09
CH-10	11	264800082040700	CHARLOTTE HARBOR SAMPLE SITE CH-10 NEAR PIRATE HARBOR
CH-11	11, 32	264420082100000	CHARLOTTE HARBOR TRANSECT NO. 3 NEAR CAPE HAZE
CH-12	11	264630082123500	CHARLOTTE HARBOR SAMPLE SITE CH-12 IN BULL BAY
CH-13	11	264742082150900	CHARLOTTE HARBOR SAMPLE SITE CH-13 IN GASPARILLA SOUND
CH-15	11, 32	264435082233000	CHARLOTTE HARBOR SAMPLE SITE CH-15, GULF OF MEXICO
CH-16	11	264254082151500	CHARLOTTE HARBOR SAMPLE SITE CH-16, BOCA GRANDE PASS
CH-17	11	264045082060000	CHARLOTTE HARBOR SAMPLE SITE CH-17, NORTH MATLACHA PASS
CH-18	11, 32	263800082040000	CHARLOTTE HARBOR SAMPLE SITE CH-18, PINE ISLAND BRIDGE
CH-19	11	264056082114800	CHARLOTTE HARBOR SAMPLE SITE CH-19, PINE ISLAND SOUND NEAR LITTLE BOKEELIA BAY

Table 3.--Chemical, physical, and biological characteristics measured during reconnaissance sampling in the harbor and in the Peace, Myakka, and Caloosahatchee Rivers, November and December 1982

Water	Bottom materials
Harbor	
Chlorophylls a and b	Chlorophenoxy acid herbicides
Color	Eh
Dissolved oxygen	Fluoride
Major anions and cations	Gross polychlorinated biphenyls
Organochlorine and organophosphorus insecticides, total	Inorganic carbon
	Metals
pH	Nitrogen, ammonia plus organic
Phytoplankton	Oil and grease
Priority pollutants, acid extractables	Organochlorine and organophosphorus insecticides
Priority pollutants, base/neutral extractables	pH
Radiochemicals (gross alpha and beta scan)	Phosphorus, total
	Priority pollutants, acid extractables
	Priority pollutants, base/neutral extractables
Secchi disk (transparency)	Radiochemicals
Specific conductance	Sediment size fractionation
Suspended solids	
Temperature	
Total and dissolved nutrients	Total carbon
Total organic carbon	
Trace metals, total	
Turbidity	
Rivers	
Biological oxygen demand	
Chlorophylls a and b	
Color	
Discharge (nontidal areas)	
Dissolved oxygen	
Major anions and cations	
pH	
Phytoplankton	
Secchi disk (transparency)	
Specific conductance	
Suspended sediment	
Temperature	
Total and dissolved nutrients	
Total organic carbon	
Turbidity	

Table 2.-- Site codes, site locations, station numbers, and station names of sampling sites--Continued

SITE CODE	SITE LOCATION (FIGURE NUMBER)	STATION NUMBER	STATION NAME
CH-20	11, 32	263840082120500	CHARLOTTE HARBOR SAMPLE SITE CH-20, PINE ISLAND SOUND NEAR PART ISLAND
CH-21	11	263630082132400	CHARLOTTE HARBOR SAMPLE SITE CH-21, CAPTIVA PASS
CH-22	11, 32	263440082075500	CHARLOTTE HARBOR SAMPLE SITE CH-22, PINE ISLAND SOUND NEAR DEMERE KEY
CH-23	11	263150082033000	CHARLOTTE HARBOR SAMPLE SITE CH-23, SAN CARLOS BAY NEAR SWORD POINT
CH-24	11	262839082041200	CHARLOTTE HARBOR SAMPLE SITE CH-24, SAN CARLOS BAY NEAR ST JAMES CITY
CH-25	11	262824082013900	CHARLOTTE HARBOR SAMPLTE SITE CH-25, SANIBEL ISLAND BRIDGE
CH-26	11	262435081591000	CHARLOTTE HARBOR SAMPLE SITE CH-26, GULF OF MEXICO SOUTH OF SANIBEL ISLAND
CH-27	4, 11, 32	263146081595200	CALOOSAHATCHEE RIVER ESTUARY AT SHELL POINT, MARKER 92, TRANSECT 5
CH-28	4, 11, 32	263902081520300	CALOOSAHATCHEE RIVER AT MARKER 42 NEAR FT MYERS
CH-29	11	270C55081590300	PEACE RIVER ESTUARY SAMPLE SITE CH-29
CH-30	11	264642082034800	CHARLOTTE HARBOR SAMPLE SITE CH-30 NEAR MOUTH OF HOG BRANCH
MK-70	4, 11	263129081555500	CALOOSAHATCHEE RIVER AT MARKER 70 NEAR FT MYERS
PR-10	32, 38	270442081594000	PEACE RIVER SITE PR-10 DOWNSTREAM FROM FT. OGDEN BRIDGE
PR-20	38	270324081593500	PEACE RIVER SITE PR-20 AT COW ISLAND
PR-30	38	270132081592700	PEACE RIVER SITE PR-30 BELOW DEEP CREEK INFLOW
PR-40	38	270022081591000	PEACE RIVER SITE PR-40 NEAR MARY POINT
PR-50	6, 32, 38	265932081592700	PEACE RIVER ESTUARY AT HARBOUR HEIGHTS
PR-60	38	265733082001000	PEACE RIVER SITE PR-60 NEAR CLEVELAND
PR-61	38	265816082003700	PEACE RIVER SITE PR-61 NEAR LONG ISLAND
PR-70	38	265734082011400	PEACE RIVER SITE PR-70 AT I-75 BRIDGE EAST SPAN NEAR CENTER
PR-71	38	265759082011400	PEACE RIVER SITE PR-71 AT I-75 BRIDGE EAST SPAN NORTH END
PR-72	38	265714082011400	PEACE RIVER SITE PR-72 AT I-75 BRIDGE EAST SPAN SOUTH END
PR-80	38	265724082022100	PEACE RIVER SITE PR-80 AT RIVER MILE 5.5 NEAR CENTER CHANNEL
PR-81	38	265752082024000	PEACE RIVER SITE PR-81 AT RIVER MILE 5.5 NEAR HARBOR VIEW
PR-82	38	265659082020200	PEACE RIVER SITE PR-82 AT RIVER MILE 5.5 NEAR SOLANA
PR-90	38	265643082032200	PEACE RIVER SITE PR-90 AT US-41 BRIDGE EAST SPAN NEAR CENTER
PR-91	38	265650082033000	PEACE RIVER SITE PR-91 AT US-41 BRIDGE EAST SPAN NORTH END
PR-92	38	265629082031200	PEACE RIVER SITE PR-92 AT US-41 BRIDGE EAST SPAN SOUTH END
PT-10	38	270439081592800	PEACE RIVER TRIBUTARY PT-10 LETTUCE LAKE CUTOFF NORTH
PT-70	38	270024081584500	PEACE RIVER TRIBUTARY PT-70 HUNTER CREEK SOUTH
PT-73	38	265951081594300	PEACE RIVER TRIBUTARY PT-73 WHIDDEN BAY
PT-80	38	265842081592300	PEACE RIVER TRIBUTARY PT-80 SHELL CREEK AT MOUTH
PT-90	38	265845081573500	PEACE RIVER TRIBUTARY PT-90 SHELL CREEK AT US17
S-08	32, 38	265622082040000	PEACE RIVER ESTUARY AT MARKER 4
S-15	11	265110082084000	CHARLOTTE HARBOR CENTER NEAR WEST SHORE ACROSS HARBOR FROM SILCOX KEY
S-19	11	265110082065500	CHARLOTTE HARBOR CENTER, MID HARBOR OUT FROM SILCOX KEY
S-20	11	265110082040800	CHARLOTTE HARBOR CENTER EAST SHORE NEAR SILCOX KEY

Table 4.-- Results of selected field and laboratory measurements of chemical and physical characteristics during reconnaissance surveys in the river basins, November and December 1982
(Data with a prefix of "E" are approximate)

SITE CODE	DATE OF SAMPLE	TIME	STREAM STAGE (FT ABOVE DATUM)	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SAM-PLING DEPTH (FEET)	TEMPER-ATURE, AIR (DEG C)	TEMPER-ATURE (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	TRANS-PAR-ENCY (SECCHI DISK) (IN)
02292900	82-12-08	1155	2.92	--	--	30.0	--	--	7.7	855	45
	82-12-08	1156	--	--	1.00	--	25.0	7.8	7.8	805	--
	82-12-08	1157	--	--	4.00	--	25.0	7.1	7.9	803	--
	82-12-08	1158	--	--	8.00	--	25.0	7.0	7.8	807	--
	82-12-08	1159	--	--	12.0	--	24.5	6.8	7.8	805	--
	82-12-08	1200	--	--	14.0	--	24.5	6.4	7.8	832	--
	82-12-08	1201	--	--	16.0	--	25.0	6.5	7.7	1710	--
02296750	82-11-30	1030	2.60	367	--	--	22.5	7.8	7.1	420	--
02297100	82-11-30	0845	4.39	--	--	--	20.5	--	--	458	--
	82-12-03	0840	4.62	20	--	--	23.0	6.5	7.4	400	--
02298202	82-11-30	1015	5.20	68	--	--	23.0	4.5	6.9	405	--
02298608	82-12-08	1230	3.63	13	--	--	23.5	7.3	6.7	307	--
02298830	82-12-07	1145	3.65	74	1.00	--	24.5	7.7	7.0	245	--
	82-12-07	1146	--	--	2.00	--	24.5	7.5	--	--	--
	82-12-07	1147	--	--	3.00	--	24.0	7.1	--	--	--
	82-12-07	1148	--	--	4.00	--	24.0	6.9	--	--	--
	82-12-07	1149	--	--	5.00	--	23.5	6.6	--	--	--
	82-12-07	1150	--	--	6.00	--	23.5	6.1	--	--	--
	82-12-07	1151	--	--	7.00	--	23.5	5.6	--	--	--
	82-12-07	1152	--	--	8.00	--	23.5	5.3	--	--	--
02298930	82-12-06	1430	13.97	--	--	--	24.5	5.9	6.9	248	--
02299188	82-12-06	1230	--	2.6	--	--	25.5	5.7	6.8	188	--
A-01	82-12-07	1230	--	--	--	31.0	--	--	7.6	--	50
	82-12-07	1231	--	--	1.00	--	26.5	8.7	7.7	24100	--
	82-12-07	1232	--	--	4.00	--	25.0	7.4	7.6	26600	--
	82-12-07	1233	--	--	7.00	--	25.0	6.2	7.5	30400	--
A-02	82-12-07	1430	--	--	--	32.0	--	--	7.6	--	41
	82-12-07	1431	--	--	1.00	--	28.0	6.9	7.5	17600	--
	82-12-07	1432	--	--	4.00	--	26.5	5.9	7.5	19000	--
	82-12-07	1433	--	--	8.00	--	25.0	5.3	7.5	21400	--
	82-12-07	1434	--	--	11.5	--	25.0	5.4	7.5	21700	--
A-03	82-12-08	0925	--	--	--	29.0	--	--	7.8	16400	38
	82-12-08	0926	--	--	1.00	--	32.0	6.6	7.4	16900	--
	82-12-08	0927	--	--	4.00	--	32.0	6.4	7.4	17000	--
	82-12-08	0928	--	--	7.00	--	32.0	6.3	7.4	17000	--
A-04	82-12-08	1030	--	--	--	30.5	30.5	--	7.6	17200	41
	82-12-08	1031	--	--	1.00	--	25.0	8.0	7.6	15900	--

Table 4.-- Results of selected field and laboratory measurements of chemical and physical characteristics during reconnaissance surveys in the river basins, November and December 1982--Continued

SITE CODE	DATE OF SAMPLE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)
02292900	82-12-08	70	1.1	575	2	0
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
02296750	82-11-30	--	3.2	277	--	--
02297100	82-11-30	60	1.3	349	1	E1
	82-12-03	--	--	--	--	--
02298202	82-11-30	80	.50	311	0	--
02298608	82-12-08	120	.30	267	2	1
02298830	82-12-07	120	3.3	185	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
02298930	82-12-06	120	1.2	189	9	3
02299188	82-12-06	200	1.5	151	8	4
A-01	82-12-07	30	2.0	19400	11	3
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
A-02	82-12-07	50	3.3	13700	20	6
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
A-03	82-12-08	50	1.3	11300	4	1
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
A-04	82-12-08	50	1.5	11400	--	--
	82-12-08	--	--	--	--	--

Table 4.-- Results of selected field and laboratory measurements of chemical and physical characteristics during reconnaissance surveys in the river basins, November and December 1982--Continued

SITE CODE	DATE OF SAMPLE	TIME	STREAM STAGE (FT ABOVE DATUM)	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SAM-PLING DEPTH (FEET)	TEMPER-ATURE, AIR (DEG C)	TEMPER-ATURE (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	TRANS-PAR-ENCY (SECCHI DISK) (IN)
A-04	82-12-08	1032	--	--	4.00	--	25.0	7.8	7.6	16200	--
	82-12-08	1033	--	--	8.00	--	25.0	7.3	7.6	16300	--
	82-12-08	1034	--	--	10.0	--	25.0	6.4	7.5	18000	--
	82-12-08	1036	--	--	13.0	--	25.5	4.0	7.2	19200	--
A-06	82-12-08	1300	.72	--	--	29.5	--	--	7.8	12200	61
	82-12-08	1301	--	--	1.00	--	25.0	4.3	6.9	8860	--
	82-12-08	1302	--	--	2.00	--	25.0	3.9	7.0	13600	--
	82-12-08	1303	--	--	4.00	--	25.0	3.8	7.1	14400	--
A-07	82-12-01	0930	--	--	--	--	--	--	--	--	38
	82-12-01	0931	--	--	2.00	--	24.0	6.7	7.6	34000	--
	82-12-01	0932	--	--	4.00	--	24.0	6.7	7.6	34800	--
A-08	82-12-01	1045	--	--	--	--	--	--	--	--	19
	82-12-01	1046	--	--	1.00	--	24.0	5.9	7.5	16900	--
	82-12-01	1047	--	--	3.00	--	24.0	6.7	7.6	17100	--
	82-12-01	1048	--	--	5.00	--	24.0	6.4	7.6	17600	--
	82-12-01	1049	--	--	7.00	--	24.0	6.2	7.6	17900	--
A-09	82-11-29	1530	--	--	--	--	--	--	--	--	23
	82-11-29	1531	--	--	1.00	--	24.0	6.4	6.5	1190	--
A-12	82-12-06	1115	--	3.9	--	--	23.5	7.0	7.4	675	--
A-13	82-11-29	1215	--	--	--	--	23.0	7.0	7.4	395	--
A-14	82-11-30	1230	--	22	--	--	22.5	6.8	6.8	260	--
A-15	82-12-07	0845	--	2.0	--	22.0	22.5	7.5	7.0	310	--
A-16	82-12-07	0945	11.42	--	1.00	--	22.5	4.8	6.8	268	--
	82-12-07	0946	--	--	4.00	--	22.0	4.9	--	--	--
CH-01	82-12-10	0930	--	--	1.00	--	22.5	6.7	7.8	13500	40
	82-12-10	0931	--	--	2.00	--	22.5	6.6	7.8	13600	--
	82-12-10	0932	--	--	3.00	--	22.5	6.5	7.8	13500	--
	82-12-10	0933	--	--	4.00	--	22.5	6.5	7.8	13600	--
	82-12-10	0934	--	--	5.00	--	22.5	6.5	7.8	13600	--
CH-27	82-12-07	1020	--	--	--	30.0	--	--	7.9	--	74
	82-12-07	1021	--	--	1.00	--	24.5	8.2	7.4	38000	--
	82-12-07	1022	--	--	4.00	--	24.5	7.7	7.5	38500	--
	82-12-07	1023	--	--	10.0	--	24.5	6.6	7.4	42900	--
	82-12-07	1024	--	--	16.0	--	24.5	6.4	7.4	43300	--
	82-12-07	1025	--	--	20.0	--	24.5	6.6	7.4	42700	--
CH-28	82-12-07	1320	--	--	--	32.5	--	--	7.8	--	39

Table 4.-- Results of selected field and laboratory measurements of chemical and physical characteristics during reconnaissance surveys in the river basins, November and December 1982--Continued

SITE CODE	DATE OF SAMPLE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)
A-C4	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
A-C6	82-12-08	50	1.5	8120	2	0
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
	82-12-08	--	--	--	--	--
A-C7	82-12-01	30	1.1	23800	8	E8
	82-12-01	--	--	--	--	--
	82-12-01	--	--	--	--	--
A-C8	82-12-01	70	3.8	11900	22	17
	82-12-01	--	--	--	--	--
	82-12-01	--	--	--	--	--
	82-12-01	--	--	--	--	--
	82-12-01	--	--	--	--	--
A-C9	82-11-29	80	2.5	980	6	6
	82-11-29	--	--	--	--	--
A-12	82-12-06	100	4.3	460	8	0
A-13	82-11-29	60	3.3	297	10	9
A-14	82-11-30	160	1.3	222	1	E1
A-15	82-12-07	120	.60	241	2	0
A-16	82-12-07	120	.80	215	3	1
	82-12-07	--	--	--	--	--
CH-01	82-12-10	90	2.6	--	7	2
	82-12-10	--	--	--	--	--
	82-12-10	--	--	--	--	--
	82-12-10	--	--	--	--	--
	82-12-10	--	--	--	--	--
CH-27	82-12-07	20	1.0	29700	2	0
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
CH-28	82-12-07	40	1.7	15200	16	2

Table 4.-- Results of selected field and laboratory measurements of chemical and physical characteristics during reconnaissance surveys in the river basins, November and December 1982--Continued

SITE CODE	DATE OF SAMPLE	TIME	STREAM STAGE (FT ABOVE DATUM)	STREAM-FLOW, INSTAN-TANEOUS (CFS)	SAM-PLING DEPTH (FEET)	TEMPER-ATURE, AIR (DEG C)	TEMPER-ATURE (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	TRANS-PAR-ENCY (SECCHI DISK) (IN)
CH-28	82-12-07	1321	--	--	1.00	--	25.5	8.4	7.6	22000	--
	82-12-07	1322	--	--	4.00	--	25.5	7.9	7.6	22200	--
	82-12-07	1323	--	--	8.00	--	25.0	7.2	7.6	23100	--
	82-12-07	1324	--	--	12.0	--	24.5	6.2	7.5	26400	--
MK-70	82-12-07	1130	--	--	--	30.5	--	--	7.8	--	64
	82-12-07	1131	--	--	2.00	--	25.0	8.3	7.6	28700	--
	82-12-07	1132	--	--	6.00	--	25.0	8.2	7.6	31100	--
	82-12-07	1133	--	--	10.0	--	24.5	7.2	7.5	33800	--
	82-12-07	1134	--	--	14.0	--	24.5	7.0	7.5	34400	--
PR-50	82-12-01	1135	--	--	--	--	--	--	--	--	22
	82-12-01	1136	--	--	1.00	--	23.5	5.8	7.6	2380	--
	82-12-01	1137	--	--	2.00	--	23.5	5.4	7.6	2380	--
	82-12-01	1138	--	--	4.00	--	23.5	5.2	7.5	2410	--
	82-12-01	1139	--	--	6.00	--	24.0	4.2	7.2	4700	--
	82-12-01	1140	--	--	8.00	--	23.5	4.0	7.3	5550	--

Table 4.-- Results of selected field and laboratory measurements of chemical and physical characteristics during reconnaissance surveys in the river basins, November and December 1982--Continued

SITE CODE	DATE OF SAMPLE	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)
CH-28	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
MK-70	82-12-07	20	.70	24000	3	0
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
	82-12-07	--	--	--	--	--
PR-50	82-12-01	80	3.8	2120	9	7
	82-12-01	--	--	--	--	--
	82-12-01	--	--	--	--	--
	82-12-01	--	--	--	--	--
	82-12-01	--	--	--	--	--
	82-12-01	--	--	--	--	--

Table 5.-- Concentrations of selected nutrients during reconnaissance surveys in the river basins, November and December 1982

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, NITRITE DISSOLVED (MG/L AS N)
02292900	82-12-08	1155	1.5	.97	.85	.030	.030	.47	.47	.010	.010
02296750	82-11-30	1030	--	--	--	--	.090	--	--	--	--
02297100	82-11-30	0845	.91	.53	.47	.030	.030	.34	.30	.010	.010
02298202	82-11-30	1015	.87	.80	.67	.020	.020	.05	.05	.000	.000
02298608	82-12-08	1230	1.1	1.0	.53	.050	.040	.03	.03	.010	.010
02298830	82-12-07	1145	--	--	--	--	.010	--	--	--	--
02298930	82-12-06	1430	.92	.83	.73	.030	.030	.05	.05	.010	.010
02299188	82-12-06	1230	1.6	1.1	1.1	.160	.150	.27	.27	.050	.050
A-01	82-12-07	1230	.88	.72	.53	.070	.060	.08	.08	.010	.010
A-02	82-12-07	1430	1.1	.95	.89	.080	.070	.08	.08	.010	.010
A-03	82-12-08	0925	1.1	1.0	.80	.100	.070	.02	.01	.010	.010
A-04	82-12-08	1030	1.0	.91	.68	.080	.070	.04	.04	.010	.010
A-06	82-12-08	1300	.94	.73	.62	.120	.120	.08	.08	.010	.010
A-07	82-12-01	0930	.64	.44	.42	.100	.100	.09	.08	.010	.010
A-08	82-12-01	1045	1.4	1.1	.51	.040	.040	.29	.28	.010	.010
A-09	82-11-29	1530	1.8	.82	.75	.040	.040	.98	--	.010	.010
A-12	82-12-06	1115	1.2	.93	.84	.110	.110	.10	.10	.020	.020
A-13	82-11-29	1215	3.3	.76	.63	.120	.120	2.4	2.3	.060	.060
A-14	82-11-30	1230	.95	.57	.56	.060	.050	.31	.31	.010	.010
A-15	82-12-07	0845	.80	.74	.66	.030	.030	.02	.02	.010	.010
A-16	82-12-07	0945	1.0	.92	.87	.040	.040	.05	.05	.010	.010
CH-01	82-12-10	0930	.79	.73	--	.030	--	.02	--	.010	--
CH-27	82-12-07	1020	.69	.58	.32	.060	.050	.04	.04	.010	.010
CH-28	82-12-07	1320	--	.98	.72	.150	.140	.09	.09	.010	.010
MK-70	82-12-07	1130	.69	.56	.51	.060	.060	.06	.06	.010	.010
PR-50	82-12-01	1135	--	.81	.60	.060	.040	.84	.84	.010	.010

Table 5.-- Concentrations of selected nutrients during reconnaissance surveys in the river basins, November and December 1982--Continued

SITE CODE	DATE OF SAMPLE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	CARBON, ORGANIC DISSOLVED (MG/L AS C)
02292900	82-12-03	1.0	.88	.48	.48	.090	.070	.070	.060	--	14
02296750	82-11-30	.90	--	--	1.9	3.60	3.20	--	3.30	--	--
02297100	82-11-30	.56	.50	.35	.31	.330	.280	.290	.260	13	--
02298202	82-11-30	.82	.69	.05	.05	.100	.080	.070	.060	15	--
02298608	82-12-08	1.1	.57	.04	.04	.290	.280	.290	.280	20	--
02298830	82-12-07	1.4	--	--	.12	.200	.130	--	.120	21	--
02298930	82-12-06	.86	.76	.06	.06	.220	.190	.200	.190	20	--
02299188	82-12-06	1.3	1.3	.32	.32	.290	.220	.260	.220	24	--
A-01	82-12-07	.79	.59	.09	.09	.120	.080	.090	.080	--	12
A-02	82-12-07	1.0	.96	--	.09	.140	.080	.080	.070	--	17
A-03	82-12-08	1.1	.87	.03	.02	.090	.070	.050	.050	--	21
A-04	82-12-08	.99	.75	.05	.05	.100	.080	.060	.050	--	14
A-06	82-12-08	.85	.74	.09	.09	.080	.060	.050	.050	--	15
A-07	82-12-01	.54	.52	.10	.09	.410	.380	.390	.380	9.0	--
A-08	82-12-01	1.1	.55	.30	.29	1.00	.850	.880	.830	13	--
A-09	82-11-29	.86	.79	.93	--	2.20	2.10	2.20	2.10	15	--
A-12	82-12-06	1.0	.95	.12	.12	.290	.150	.220	.130	20	--
A-13	82-11-29	.88	.75	2.5	2.4	3.60	3.20	3.20	3.20	13	--
A-14	82-11-30	.63	.61	.32	.32	.590	.560	.570	.550	18	--
A-15	82-12-07	.77	.69	.03	.03	.290	.280	.260	.260	18	--
A-16	82-12-07	.96	.91	.06	.06	.290	.270	.290	.270	19	--
CH-01	82-12-10	.76	--	.03	--	.170	--	.120	--	14	--
CH-27	82-12-07	.64	.37	.05	.05	.080	.070	.080	.070	--	7.5
CH-28	82-12-07	--	--	--	--	.150	.100	.120	.100	--	12
MK-70	82-12-07	.62	.57	.07	.07	.090	.070	.090	.080	--	7.5
PR-50	82-12-01	--	--	--	--	2.50	2.20	2.30	2.20	--	--

Table 5.-- Concentrations of selected nutrients during reconnaissance surveys in the river basins, November and December 1982--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUORCM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
02292900	82-12-08	.20	7.5	5.30	<.100	.7
02296750	82-11-30	--	6.8	--	--	--
02297100	82-11-30	--	7.1	.60C	<.100	.7
022982C2	82-11-30	--	4.3	8.50	<.1C0	1.1
022986C8	82-12-08	--	5.1	.30C	<.100	.1
02299830	82-12-07	--	.3	20.0	<.1C0	2.2
02299930	82-12-06	--	1.5	2.70	<.1C0	1.2
02299188	82-12-06	--	3.2	2.70	<.100	1.2
A-C1	82-12-07	.00	2.2	3.60	<.1C0	.9
A-C2	82-12-07	.20	1.7	7.50	<.1C0	1.0
A-03	82-12-08	.20	1.4	3.90	<.100	1.0
A-04	82-12-C8	.00	1.8	8.70	<.100	1.6
A-C6	82-12-08	2.0	5.C	2.80	<.100	.8
A-C7	82-12-01	--	1.9	1.70	<.100	.9
A-08	82-12-01	--	4.1	19.0	<.100	1.8
A-09	82-11-29	--	8.3	6.70	<.1C0	1.0
A-12	82-12-06	--	8.3	.80C	<.100	.9
A-13	82-11-29	--	7.5	1.10	<.1C0	1.5
A-14	82-11-30	--	7.3	<.10C	<.100	.7
A-15	82-12-07	--	5.3	.60C	<.100	.8
A-16	82-12-07	--	5.6	2.20	<.100	1.0
CH-01	82-12-1C	--	--	1.70	<.1C0	.8
CH-27	82-12-07	.20	2.2	.60C	<.1C0	1.0
CH-28	82-12-07	.20	1.8	6.10	<.1C0	1.2
MK-70	82-12-07	.20	2.2	1.7C	<.100	.5
PR-50	82-12-01	--	7.5	11.0	<.1C0	.9

Table 6.-- Concentrations of selected ions and related variables during reconnaissance surveys in the river basins, November and December 1982

SITE CODE	DATE OF SAMPLE	ALKALINITY FIELD (MG/L AS CACO3)	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
02292900	82-12-08	165	163	67	150	.20	18	5.6	86	56	860
02296750	82-11-30	--	60	37	17	1.9	15	2.0	20	100	408
02297100	82-11-30	--	85	47	55	.80	11	3.0	25	56	450
02298202	82-11-30	--	89	40	59	.40	8.8	2.2	28	24	398
02298608	82-12-08	--	23	28	15	.20	15	2.8	7.9	100	306
02298830	82-12-07	--	27	21	11	.30	9.9	2.2	8.1	64	242
02298930	82-12-06	--	38	24	17	.30	9.5	2.0	7.9	52	235
02299188	82-12-06	--	59	28	18	.30	2.5	.50	9.2	9.4	189
A-01	82-12-07	104	129	240	9800	.70	640	240	5400	1400	27500
A-02	82-12-07	136	138	190	6900	.60	500	170	3800	960	20000
A-03	82-12-08	112	142	170	5700	.50	420	150	3200	800	17000
A-04	82-12-08	113	141	170	5900	.50	440	150	3300	820	17500
A-06	82-12-08	168	177	150	4200	.41	300	98	2300	580	12500
A-07	82-12-01	--	95	250	12000	1.1	810	240	6800	1600	32000
A-08	82-12-01	--	78	140	5600	1.2	390	120	3200	780	16600
A-09	82-11-29	--	--	--	380	1.4	39	9.8	230	--	1950
A-12	82-12-06	--	118	61	80	.70	22	1.2	40	96	640
A-13	82-11-29	--	59	39	21	2.2	15	2.0	17	89	382
A-14	82-11-30	--	52	30	22	.60	8.6	1.4	9.7	42	255
A-15	82-12-07	--	34	28	17	.30	14	2.1	8.2	89	302
A-16	82-12-07	--	33	24	14	.30	12	1.8	7.5	70	261
CH-01	82-12-10	--	100	--	--	--	--	--	--	--	14200
CH-27	82-12-07	138	125	340	16000	1.1	1100	380	8700	2100	40500
CH-28	82-12-07	100	137	--	7800	.70	--	--	--	540	22500
MK-70	82-12-07	91	131	300	13000	.90	940	320	7400	1800	35000
PR-50	82-12-01	--	63	52	960	1.6	76	22	550	190	3350

Table 7.--Results of field measurements made at transects 1 through 5, December 14-16, 1982

SUBSAMPLE SITE CODE	YEAR	MONTH	DAY	TIME	DEPTH (FEET BELOW SURFACE)	TEMPERATURE (DEGREES C)	DISSOLVED OXYGEN (MG/L)	PH	SPECIFIC CONDUCTANCE	SECCHI DISK TRANSPARENCY (INCHES)
T1-01	82	12	14	0850	1	17.3	8.1	7.6	18070	32.4
T1-01	82	12	14	0850	2	17.2	7.8	7.6	17420	.
T1-01	82	12	14	0850	3	17.2	7.6	7.6	21400	.
T1-02	82	12	14	0915	1	17.4	7.9	7.6	16720	32.4
T1-02	82	12	14	0915	2	17.5	7.7	7.6	18300	.
T1-02	82	12	14	0915	3	18.3	7.4	7.5	25800	.
T1-02	82	12	14	0915	4	18.8	7.1	7.6	27900	.
T1-03	82	12	14	0930	1	16.2	8.2	7.6	15670	.
T1-03	82	12	14	0930	2	16.3	8.1	7.6	16020	.
T1-04	82	12	14	0955	1	17.2	8.5	7.6	16000	30.0
T1-04	82	12	14	0955	2	17.3	8.0	7.6	16460	.
T1-04	82	12	14	0955	3	17.3	7.4	7.5	20130	.
T1-05	82	12	14	1005	1	17.6	8.0	7.6	18300	30.0
T1-05	82	12	14	1005	2	17.8	7.5	7.6	21500	.
T1-05	82	12	14	1005	3	17.9	7.3	7.6	23780	.
T1-05	82	12	14	1005	4	18.3	7.1	7.6	26810	.
T1-06	82	12	14	1015	1	17.7	7.8	7.6	18190	33.6
T1-06	82	12	14	1015	2	17.7	7.7	7.6	18480	.
T1-06	82	12	14	1015	3	17.6	7.4	7.6	20550	.
T1-06	82	12	14	1015	4	17.6	7.2	7.6	24000	.
T1-07	82	12	14	1030	1	17.7	8.0	7.6	18520	32.4
T1-07	82	12	14	1030	2	17.8	7.8	7.6	18820	.
T1-07	82	12	14	1030	3	17.7	7.5	7.6	18880	.
T1-07	82	12	14	1030	4	17.6	7.4	7.6	19180	.
T1-07	82	12	14	1030	5	17.5	7.0	7.6	22500	.
T1-08	82	12	14	1040	1	17.6	7.7	7.6	18150	36.0
T1-08	82	12	14	1040	2	17.6	7.7	7.6	18550	.
T1-08	82	12	14	1040	3	17.5	7.5	7.6	18640	.
T1-08	82	12	14	1040	4	17.4	7.4	7.6	18220	.
T1-08	82	12	14	1040	5	17.1	7.2	7.6	20400	.
T1-09	82	12	14	1050	1	17.3	7.7	7.6	16880	36.0
T1-09	82	12	14	1050	2	17.3	7.6	7.6	17060	.
T1-09	82	12	14	1050	3	17.3	7.5	7.6	17100	.
T1-09	82	12	14	1050	4	17.4	7.5	7.5	19500	.
T1-10	82	12	14	1100	1	17.8	7.8	7.8	19300	.
T2-01	82	12	14	1609	1	18.8	8.2	7.9	32630	91.2
T2-01	82	12	14	1609	4	19.0	8.2	7.9	33250	.
T2-01	82	12	14	1609	8	19.6	8.3	8.0	34560	.
T2-02	82	12	14	1618	1	19.2	8.4	7.9	33610	121.2
T2-02	82	12	14	1618	8	19.8	8.6	8.0	35000	.
T2-02	82	12	14	1618	17	19.8	8.0	8.0	35520	.
T2-03	82	12	14	1630	1	19.6	8.9	8.0	34100	98.4
T2-03	82	12	14	1630	8	19.7	8.9	8.0	34350	.
T2-03	82	12	14	1630	17	19.8	8.6	8.0	35310	.
T2-04	82	12	14	1445	1	19.6	8.6	8.0	34750	96.0
T2-04	82	12	14	1445	2	19.6	8.5	8.0	34900	.
T2-04	82	12	14	1445	4	19.6	8.3	8.0	34940	.
T2-04	82	12	14	1445	6	19.6	8.2	8.0	34990	.
T2-04	82	12	14	1445	8	19.6	8.1	8.0	35030	.
T2-04	82	12	14	1445	10	19.6	8.1	8.0	35050	.
T2-04	82	12	14	1445	12	19.6	8.1	8.0	35070	.
T2-05	82	12	14	1500	1	19.6	9.1	8.0	34650	79.2
T2-05	82	12	14	1500	8	19.5	9.2	8.0	34620	.
T2-05	82	12	14	1500	15	19.5	8.9	8.0	34490	.

Table 7.--Results of field measurements made at transects 1 through 5, December 14-16, 1982--Continued

SUBSAMPLE SITE CODE	YEAR	MONTH	DAY	TIME	DEPTH (FEET BELOW SURFACE)	TEMPERATURE (DEGREES C)	DISSOLVED OXYGEN (MG/L)	PH	SPECIFIC CONDUCTANCE	SECCHI DISK TRANSPARENCY (INCHES)
T2-06	82	12	14	1512	1	19.3	8.8	8.0	33810	86.4
T2-06	82	12	14	1512	6	19.4	8.9	8.0	33920	.
T2-06	82	12	14	1512	12	19.4	8.8	8.0	34170	.
T2-07	82	12	14	1520	1	18.7	8.6	7.9	32500	80.4
T2-07	82	12	14	1520	6	18.7	8.7	7.9	32390	.
T2-07	82	12	14	1520	11	18.8	8.6	8.0	32650	.
T2-08	82	12	14	1530	1	18.6	8.7	8.0	32290	85.2
T2-08	82	12	14	1530	5	18.6	8.6	8.0	32340	.
T2-08	82	12	14	1530	10	18.6	8.5	8.0	32390	.
T2-09	82	12	14	1540	1	18.9	8.8	8.0	32040	82.8
T2-09	82	12	14	1540	4	18.9	8.6	8.0	32110	.
T2-09	82	12	14	1540	9	18.8	8.4	8.0	32540	.
T2-10	82	12	14	1545	1	19.0	8.7	7.9	29420	.
T2-10	82	12	14	1545	2	19.1	8.6	8.0	29570	.
T2-10	82	12	14	1545	3	19.1	8.5	8.0	29600	.
T3-01	82	12	15	0905	1	18.9	8.1	7.9	37380	58.8
T3-01	82	12	15	0905	4	19.0	8.0	8.0	38100	.
T3-01	82	12	15	0905	8	19.0	7.9	8.0	38440	.
T3-02	82	12	15	0920	1	18.7	8.0	8.3	36790	62.4
T3-02	82	12	15	0920	5	18.7	8.0	8.2	37190	.
T3-02	82	12	15	0920	10	18.7	8.1	8.1	37270	.
T3-03	82	12	15	0935	1	19.1	7.9	8.1	37900	69.6
T3-03	82	12	15	0935	5	19.1	7.7	8.1	38340	.
T3-03	82	12	15	0935	10	19.1	7.6	8.1	38640	.
T3-04	82	12	15	1050	1	19.1	7.9	8.0	39550	56.4
T3-04	82	12	15	1050	6	19.1	7.7	8.0	39420	.
T3-04	82	12	15	1050	11	19.1	7.7	8.0	39460	.
T3-05	82	12	15	1040	1	19.0	7.9	8.0	38920	62.4
T3-05	82	12	15	1040	7	18.9	7.8	8.0	38810	.
T3-05	82	12	15	1040	13	18.9	7.9	8.0	38840	.
T3-06	82	12	15	1030	1	19.0	7.9	8.0	37920	72.0
T3-06	82	12	15	1030	8	19.0	7.7	8.0	38310	.
T3-06	82	12	15	1030	15	19.0	7.8	8.0	38350	.
T3-07	82	12	15	1020	1	18.9	7.8	8.0	37430	57.6
T3-07	82	12	15	1020	7	18.9	7.8	8.0	37680	.
T3-07	82	12	15	1020	13	18.8	7.8	8.0	37640	.
T3-08	82	12	15	1015	1	18.9	8.2	8.0	33720	84.0
T3-08	82	12	15	1015	11	18.8	7.6	8.0	36860	.
T3-08	82	12	15	1015	22	19.4	7.0	8.0	39800	.
T3-09	82	12	15	1000	1	18.5	8.0	8.0	32320	51.6
T3-09	82	12	15	1000	4	18.8	7.7	8.0	34000	.
T3-09	82	12	15	1000	8	18.9	7.5	8.0	35220	.
T3-10	82	12	15	0950	1	18.2	8.0	8.0	31410	45.6
T3-10	82	12	15	0950	3	18.2	8.0	8.0	31590	.
T3-10	82	12	15	0950	6	18.1	8.0	8.0	32000	.
T4-01	82	12	15	1250	1	18.8	8.4	7.9	25990	.
T4-01	82	12	15	1250	2	18.8	8.3	7.9	25990	.
T4-01	82	12	15	1250	4	18.8	8.3	7.9	26000	.
T4-02	82	12	15	1305	1	18.6	8.0	8.0	27810	48.0
T4-02	82	12	15	1305	4	18.6	8.0	8.0	27740	.
T4-02	82	12	15	1305	8	18.6	8.0	8.0	27780	.
T4-03	82	12	15	1240	1	18.5	8.4	7.9	27920	48.0
T4-03	82	12	15	1240	4	18.5	8.0	7.9	27880	.
T4-03	82	12	15	1240	8	18.4	8.2	8.0	27860	.

Table 7.--Results of field measurements made at transects 1 through 5, December 14-16, 1982--Continued

SUBSAMPLE SITE CODE	YEAR	MONTH	DAY	TIME	DEPTH (FEET BELOW SURFACE)	TEMPERATURE (DEGREES C)	DISSOLVED OXYGEN (MG/L)	PH	SPECIFIC CONDUCTANCE	SECCHI DISK TRANSPARENCY (INCHES)
T4-04	82	12	15	1315	1	18.5	7.7	8.0	28310	62.4
T4-04	82	12	15	1315	4	18.5	7.7	8.0	28350	.
T4-04	82	12	15	1315	8	18.5	7.7	8.0	28340	.
T4-05	82	12	15	1320	1	19.6	8.4	8.0	28780	.
T4-05	82	12	15	1320	2	19.5	8.3	8.0	28740	.
T5-01	82	12	16	1116	1	20.1	8.0	8.0	48130	.
T5-01	82	12	16	1116	4	20.2	8.0	8.0	48160	.
T5-01	82	12	16	1116	7	20.2	8.0	8.0	48060	.
T5-02	82	12	16	1125	1	20.1	8.0	8.0	47330	72.0
T5-02	82	12	16	1125	8	20.0	8.0	8.0	47290	.
T5-02	82	12	16	1125	15	20.0	8.2	8.0	47300	.
T5-03	82	12	16	1055	1	20.2	8.0	7.9	46450	.
T5-03	82	12	16	1055	3	19.9	8.0	7.9	46480	.
T5-03	82	12	16	1055	5	19.9	8.0	7.9	46690	.
T5-04	82	12	16	1130	1	19.9	8.0	7.9	45740	80.4
T5-04	82	12	16	1130	8	19.9	7.8	7.9	45930	.
T5-04	82	12	16	1130	17	19.9	8.0	8.0	46080	.
T5-05	82	12	16	1141	1	20.0	8.0	7.9	45550	81.6
T5-05	82	12	16	1141	6	20.0	8.1	7.9	45450	.
T5-05	82	12	16	1141	12	20.2	8.0	7.9	45440	.

Table 8.-- Concentrations of selected metals in bottom sediments collected at transects 1 through 5, December 1982

SITE CODE	DATE OF SAMPLE	TIME	ALUMINUM, RECOV. FM BOTTOM MATERIAL (UG/G) (01108)	ARSENIC TOTAL IN BOTTOM MATERIAL (UG/G AS AS) (01003)	CADMIUM RECOV. FM BOTTOM MATERIAL (UG/G AS CD) (01028)	CHROMIUM, RECOV. FM BOTTOM MATERIAL (UG/G) (01029)	COBALT, RECOV. FM BOTTOM MATERIAL (UG/G AS CO) (01038)	COPPER, RECOV. FM BOTTOM MATERIAL (UG/G AS CU) (01043)	IRON, RECOV. FM BOTTOM MATERIAL (UG/G AS FE) (01170)	LEAD, RECOV. FM BOTTOM MATERIAL (UG/G AS PB) (01052)	MANGANESE, RECOV. FM BOTTOM MATERIAL (UG/G) (01053)
Transect 1	82-12-14	1030	430	<1	1	10	<10	3	4000	10	13
Transect 2	82-12-14	1530	280	<1	1	6	<10	2	2600	10	10
Transect 3	82-12-15	1000	340	<1	2	20	10	3	3100	20	17
Transect 4	82-12-15	1300	280	<1	<1	6	<10	1	1700	10	7
Transect 5	82-12-16	1100	7100	<1	1	3	<10	2	1400	<10	11

SITE CODE	DATE OF SAMPLE	MERCURY RECOV. FM BOTTOM MATERIAL (UG/G AS HG) (71921)	MOLYBDENUM, RECOV. FM BOTTOM MATERIAL (UG/G) (01063)	NICKEL, RECOV. FM BOTTOM MATERIAL (UG/G AS NI) (01068)	SELENIUM, TOTAL IN BOTTOM MATERIAL (UG/G) (01148)	ZINC, RECOV. FM BOTTOM MATERIAL (UG/G AS ZN) (01093)
Transect 1	82-12-14	.56	3.0	<10	<1	10
Transect 2	82-12-14	.92	<1.0	10	<1	8
Transect 3	82-12-15	.21	4.0	10	<1	10
Transect 4	82-12-15	.18	<.1	<10	<1	4
Transect 5	82-12-16	.28	3.0	<10	<1	5

Table 9.-- Concentrations of selected constituents in bottom sediments

SITE CODE	DATE OF SAMPLE	TIME	BED MAT. FALL DIAM. % FINER THAN .004 MM	BED MAT. SIEVE DIAM. % FINER THAN .062 MM	BED MAT. SIEVE DIAM. % FINER THAN .125 MM	BED MAT. SIEVE DIAM. % FINER THAN .250 MM	BED MAT. SIEVE DIAM. % FINER THAN .500 MM	BED MAT. SIEVE DIAM. % FINER THAN 1.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 2.00 MM	BED MAT. SIEVE DIAM. % FINER THAN 4.00 MM	NITROGEN, NH4 + ORG. TOT IN BOT MAT (MG/KG AS N)
02297330	84-01-19	1150	--	--	--	--	--	--	--	--	--
Transect 1	82-12-14	1030	10	15	48	83	97	99	100	--	1300
Transect 2	82-12-14	1530	6	11	46	89	99	100	100	--	6100
Transect 3	82-12-15	1000	8	15	47	93	97	99	100	--	5300
Transect 4	82-12-15	1300	4	6	23	76	98	100	100	--	3700
Transect 5	82-12-16	1100	--	--	--	--	--	--	--	--	3400
CH-01	84-01-18	1340	--	1	11	66	97	100	--	--	--
CH-04	84-01-18	0910	--	7	48	90	99	100	--	--	--
CH-09	84-01-16	1615	7	13	44	95	99	100	--	--	--
CH-20	84-01-17	1355	--	3	30	95	99	100	--	--	--
PR-50	84-01-19	1050	--	3	13	43	88	96	97	100	--

Table 9.-- Concentrations of selected constituents in bottom sediments--Continued

SITE CODE	DATE OF SAMPLE	PHOS-PHORUS, TOTAL IN BOT. MAT. (MG/KG AS P)	CARBON, INOR-GANIC, TOT IN BOT MAT (G/KG AS C)	CARBON, ORGANIC TOT. IN BOTTOM MAT. (G/KG AS C)	CARBON, INORG + ORGANIC TOT. IN BOT MAT (G/KG AS C)	OIL AND GREASE, TOT. IN BOT MAT GRAVI-METRIC (MG/KG)
02297330	84-01-19	1900	--	--	--	--
Transect 1	82-12-14	1100	1.5	14	15	770
Transect 2	82-12-14	1200	4.0	8.0	12	640
Transect 3	82-12-15	540	13	8.0	21	200
Transect 4	82-12-15	2500	.8	5.8	6.6	600
Transect 5	82-12-16	590	9.4	7.6	17	600
CH-01	84-01-18	680	.1	2.3	2.4	--
CH-04	84-01-18	380	.7	3.5	4.2	--
CH-09	84-01-16	290	17	11	28	--
CH-20	84-01-17	380	1.8	1.5	3.3	--
PR-50	84-01-19	1600	.4	12	12	--

Table 10.--Concentrations of pesticides and other organic compounds analyzed in bottom sediments collected at transects 1 through 5, December 14-16, 1982

Chlordane, 1.0 µg/kg at transect 1; DDD, 0.2 µg/kg at transect 5;
DDE, 0.9 µg/kg at transect 1, 0.1 µg/kg at transect 5

[Concentrations of the following compounds were at or below analytic detection limits]

Acenaphthylene
Acenaphthene
Anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene

Benzo(a)pyrene
Bis(2-chloroethyl)ether
Bis(2-chloroethoxy)methane
Bis(2-chloroisopropyl)ether
N-Butylbenzyl phthalate

Chrysene
Diethyl phthalate
Dimethyl phthalate
Fluoranthene
Fluorene

Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
N-nitrosodi-n-propylamine

N-nitrosodiphenylamine
N-nitrosodimethylamine
Nitrobenzene
4-Nitrophenol
4,6-Dinitro-2-methyl phenol

2,3,7,8-Tetrachlorodibenzo-p-dioxin
Phenol
Naphthalene
Pentachlorophenol
Perthane

Bis(2-ethylhexyl)phthalate
Di-n-butyl phthalate
Benzidine
Polychlorinated naphthalenes
Aldrin

Lindane
DDT
Dieldrin
Endosulfan
Endrin

Ethion
Toxaphene
Heptachlor
Heptachlor epoxide
Parachlorometacresol

Phenanthrene
Pyrene
1,12-Benzoperylene
1,2-Benzanthracene
1,2-Dichlorobenzene

1,2,4-Trichlorobenzene
1,2,5,6-Dibenzanthracene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
2-Chloronaphthalene

2-Chlorophenol
2-Nitrophenol
Di-n-octyl phthalate
2,4-Dichlorophenol
2,4-Dimethylphenol

2,4-Dinitrotoluene
2,4-Dinitrophenol
2,4,6-Trichlorophenol
2,6-Dinitrotoluene
3,3'-Dichlorobenzidine

4-Bromophenyl phenyl ether
Polychlorinated biphenyls
Malathion
Parathion
Diazinon

Methyl parathion
Hexachlorobenzene
Hexachlorobutadiene
Mirex
Trithion

Methyl trithion
Methoxychlor
2,4-D
2,4,5-T
Silvex

Table 11.-- Concentrations of selected metals in water at transects 1 through 5, December 1982

SITE CODE	DATE OF SAMPLE	TIME	ALUMINUM, TOTAL RECOVERABLE (UG/L AS AL) (01105)	ARSENIC TOTAL (UG/L AS AS) (01002)	BARIUM, TOTAL RECOVERABLE (UG/L AS BA) (01007)	BERYLLIUM, TOTAL RECOVERABLE (UG/L AS BE) (01012)	CADMIUM TOTAL RECOVERABLE (UG/L AS CD) (01027)	CHROMIUM, TOTAL RECOVERABLE (UG/L AS CR) (01034)	COBALT, TOTAL RECOVERABLE (UG/L AS CO) (01037)	COPPER, TOTAL RECOVERABLE (UG/L AS CU) (01042)	IRON, TOTAL RECOVERABLE (UG/L AS FE) (01045)
Transect 1	82-12-14	1030	210	1	100	<10	<1	1	2	20	380
Transect 2	82-12-14	1530	90	1	200	<10	<1	<1	2	60	220
Transect 3	82-12-15	1000	60	1	300	<10	<1	3	2	50	260
Transect 4	82-12-15	1300	150	1	200	<10	<1	1	1	40	380
Transect 5	82-12-16	1100	50	1	200	<10	<1	1	10	50	580

SITE CODE	DATE OF SAMPLE	LEAD, TOTAL RECOVERABLE (UG/L AS PB) (01051)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN) (01055)	MERCURY TOTAL RECOVERABLE (UG/L AS HG) (71900)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO) (01062)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI) (01067)	SELENIUM, TOTAL (UG/L AS SE) (01147)	STRONTIUM, DISSOLVED (UG/L AS SR) (01080)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN) (01092)
Transect 1	82-12-14	2	30	.1	8	2	<1	3900	30
Transect 2	82-12-14	10	30	<.1	8	4	<1	6100	140
Transect 3	82-12-15	1	40	.1	12	3	<1	6700	30
Transect 4	82-12-15	2	30	.1	8	4	<1	5400	50
Transect 5	82-12-16	4	40	.2	12	7	<1	6600	170

Table 12.--Concentrations of pesticides and other organic compounds analyzed for unfiltered (total) water samples collected at transects 1 through 5, December 14-16, 1982

Bis(2-ethylhexyl)phthalate, 2 µg/L at transect 2, 7 µg/L at transect 4

[Concentrations of the following compounds were at or below analytic detection limits]

Acenaphthylene
Acenaphthene
Anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene

Benzo(a)pyrene
Bis(2-chloroethyl)ether
Bis(2-chloroethoxy)methane
Bis(2-chloroisopropyl)ether
N-Butylbenzyl phthalate

Chrysene
Diethyl phthalate
Dimethyl phthalate
Fluoranthene
Fluorene

Hexachlorocyclopentadiene
Hexachloroethane
Ideno(1,2,3-cd)pyrene
Isophorone
N-nitrosodi-n-propylamine

N-nitrosodiphenylamine
N-nitrosodimethylamine
Nitrobenzene
4-Nitrophenol
4,6-Dinitro-2-methyl phenol

2,3,7,8-Tetrachlorodibenzo-p-dioxin
Phenol
Naphthalene
Pentachlorophenol
Perthane

Di-n-butyl phthalate
Benzidine
Polychlorinated naphthalenes
Aldrin
Lindane

Chlordane
DDD
DDE
DDT
Dieldrin

Endosulfan
Endrin
Ethion
Toxaphene
Heptachlor

Heptachlor epoxide
Parachlorometacresol
Phenanthrene
Pyrene
1,12-Benzoperylene

1,2-Benzanthracene
1,2-Dichlorobenzene
1,2,4-Trichlorobenzene
1,2,5,6-Dibenzanthracene
1,3-Dichlorobenzene

1,4-Dichlorobenzene
2-Chloronaphthalene
2-Chlorophenol
2-Nitrophenol
Di-n-octyl phthalate

2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrotoluene
2,4-Dinitrophenol
2,4,6-Trichlorophenol

2,6-Dinitrotoluene
3,3'-Dichlorobenzidine
4-Bromophenyl phenyl ether
4-Chlorophenyl phenyl ether
Polychlorinated biphenyls

Malathion
Parathion
Diazinon
Methyl parathion
Hexachlorobenzene

Hexachlorobutadiene
Mirex
Trithion
Methyl trithion

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites
(Data with a prefix of "E" are approximate)

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS /SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-01	82-12-10	0930	1.00	--	22.5	6.7	7.8	13500	--	--	--
	82-12-10	0931	2.00	--	22.5	6.6	7.8	13600	--	--	--
	82-12-10	0932	3.00	--	22.5	6.5	7.8	13500	--	--	--
	82-12-10	0933	4.00	--	22.5	6.5	7.8	13600	--	--	--
	82-12-10	0934	5.00	--	22.5	6.5	7.8	13600	--	--	--
	83-03-09	1755	1.00	--	22.0	7.4	7.2	394	260	2.80	--
	83-03-09	1756	4.00	--	22.0	6.9	7.0	388	--	--	--
	83-09-20	1430	1.00	--	28.5	5.8	6.6	373	320	2.40	--
	83-09-20	1446	4.50	--	27.5	5.5	6.6	416	--	--	--
	83-11-14	1405	1.00	--	22.0	6.8	7.4	5040	2050	--	--
	83-11-14	1406	3.00	--	21.5	6.6	7.4	5260	--	--	4.9
	83-12-14	1435	1.00	--	21.5	8.4	7.7	4720	1150	3.20	--
	83-12-14	1436	5.80	--	21.5	8.3	7.7	4710	--	--	--
	84-01-18	1340	--	--	--	--	--	3900	--	--	--
	84-02-14	1650	1.00	--	21.5	7.1	--	16100	510	--	--
	84-02-14	1652	2.50	--	21.5	6.9	--	16400	--	--	--
	84-02-14	1653	4.00	--	21.0	6.7	--	16600	--	--	3.9
	84-04-30	1405	1.00	30.0	30.0	9.2	--	7340	1900	4.90	--
	84-04-30	1406	3.00	--	29.5	8.1	--	7740	--	--	--
	84-04-30	1407	5.00	--	29.5	8.4	--	8140	--	--	--
	84-06-11	1330	1.00	33.5	29.5	5.4	--	19800	1750	2.50	--
	84-06-11	1331	9.00	--	29.0	4.8	--	20900	--	--	--
	84-09-19	1330	1.00	--	27.0	--	--	7780	--	--	--
	84-09-19	1331	2.00	--	27.0	--	--	7750	--	--	--
	84-09-19	1332	4.00	--	27.0	--	--	7750	--	--	--
CH-02	82-12-15	1300	--	--	--	--	--	--	--	--	--
	82-12-15	1301	--	--	--	--	--	--	--	--	--
	83-03-09	1720	1.00	--	22.5	8.3	7.5	4930	580	3.10	--
	83-03-09	1721	4.00	--	22.5	7.8	7.6	5730	--	--	--
	83-03-09	1722	8.00	--	21.5	6.5	7.5	15300	--	--	--
	83-06-13	1420	1.00	--	29.5	6.7	8.1	28200	--	--	--
	83-06-13	1421	4.00	--	29.5	6.6	8.2	28600	--	--	--
	83-06-13	1422	7.00	--	29.0	5.4	8.0	29600	--	--	--
	83-09-20	1630	1.00	26.0	28.5	7.1	7.2	4740	130	2.60	--
	83-09-20	1631	6.50	--	27.5	5.2	7.1	12400	--	--	--
	83-11-14	1335	1.00	--	22.0	7.3	7.9	23900	1950	6.80	--
	83-11-14	1336	4.00	--	21.5	6.8	7.9	25700	--	--	--
	83-11-14	1337	8.00	--	22.5	5.5	7.8	28800	--	--	--
	83-12-14	1350	1.00	26.0	21.0	8.3	8.0	27500	1250	5.00	--
	83-12-14	1351	6.00	--	21.0	8.3	8.1	27900	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-01	82-12-10	40	90	2.6	--	--	7	2	40
	82-12-10	--	--	--	--	--	--	--	--
	82-12-10	--	--	--	--	--	--	--	--
	82-12-10	--	--	--	--	--	--	--	--
	82-12-10	--	--	--	--	--	--	--	--
	83-03-09	18	--	--	6	--	--	--	--
	83-03-09	--	--	--	--	--	--	--	--
	83-09-20	26	150	.80	--	--	--	--	50
	83-09-20	--	--	--	--	--	--	--	--
	83-11-14	37	--	--	3	--	--	--	50
	83-11-14	--	--	--	--	--	--	--	--
	83-12-14	22	70	--	16	--	--	--	50
	83-12-14	--	--	--	--	--	--	--	--
	84-01-18	--	--	--	--	--	--	--	40
	84-02-14	36	70	--	4	--	--	--	50
	84-02-14	--	--	--	--	--	--	--	--
	84-02-14	--	--	--	--	--	--	--	--
	84-04-30	28	70	.50	11	--	--	--	50
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-06-11	22	40	--	14	--	--	--	--
	84-06-11	--	--	--	--	--	--	--	--
	84-09-19	24	80	1.5	--	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
CH-02	82-12-15	--	30	1.5	--	23100	4	1	10
	82-12-15	--	--	--	--	--	--	--	10
	83-03-09	20	--	--	6	--	--	--	50
	83-03-09	--	--	--	--	--	--	--	--
	83-03-09	--	--	--	--	--	--	--	--
	83-06-13	48	--	--	8	--	--	--	50
	83-06-13	--	--	--	--	--	--	--	--
	83-06-13	--	--	--	--	--	--	--	--
	83-09-20	29	170	1.8	9	--	--	--	50
	83-09-20	--	--	--	--	--	--	--	--
	83-11-14	47	--	--	1	--	--	--	50
	83-11-14	--	--	--	--	--	--	--	--
	83-11-14	--	--	--	--	--	--	--	--
	83-12-14	24	30	--	23	--	--	--	50
	83-12-14	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-02	84-01-18	1500	--	--	--	--	--	27500	--	--	--
	84-02-14	1720	1.00	--	20.5	7.3	--	29400	340	--	--
	84-02-14	1722	4.50	--	20.0	7.0	--	30700	--	--	--
	84-02-14	1723	8.00	--	18.0	6.6	--	33300	--	--	10
	84-04-30	1500	1.00	31.0	31.0	9.5	--	--	1800	7.00	--
	84-04-30	1501	5.00	--	28.5	7.0	--	--	--	--	--
	84-04-30	1502	8.00	--	28.5	7.4	--	--	--	--	--
	84-06-11	1415	1.00	34.0	30.0	4.9	--	32500	840	6.00	--
	84-06-11	1416	6.00	--	29.0	3.9	--	33800	--	--	--
	84-09-19	1400	1.00	--	27.0	6.3	--	25300	--	--	--
	84-09-19	1401	3.00	--	27.0	--	--	25500	--	--	--
	84-09-19	1402	7.00	--	27.0	--	--	25400	--	--	--
CH-03	83-03-09	1645	1.00	--	22.5	8.5	7.7	10200	850	3.70	--
	83-03-09	1646	4.00	--	22.5	7.7	7.7	11200	--	--	--
	83-03-09	1647	8.00	--	21.0	6.5	7.7	23200	--	--	--
	83-06-13	1400	1.00	--	28.5	6.0	8.1	31700	1100	7.30	--
	83-06-13	1401	5.00	--	28.5	6.1	8.2	31700	--	--	--
	83-06-13	1402	9.00	--	28.5	6.1	8.2	31700	--	--	--
	83-09-20	1715	1.00	25.5	28.5	8.0	7.6	9850	130	2.70	--
	83-09-20	1716	8.00	--	27.5	5.9	7.3	15100	--	--	--
	84-04-30	1540	1.00	31.0	32.0	--	--	--	1530	--	--
	84-04-30	1541	5.00	--	28.0	--	--	--	--	--	--
	84-04-30	1542	9.00	--	28.0	--	--	--	--	--	3.6
	84-09-19	1500	1.00	--	27.0	6.7	--	28500	--	--	--
	84-09-19	1501	4.00	--	27.0	6.3	--	28500	--	--	--
	84-09-19	1502	8.00	--	27.0	6.2	--	28500	--	--	--
CH-04	82-12-14	1030	--	--	--	--	--	--	--	--	--
	82-12-14	1031	--	--	--	--	--	--	--	--	--
	83-06-13	1230	1.00	--	29.0	5.7	7.8	26600	2000	4.70	--
	83-06-13	1231	3.00	--	29.0	5.5	7.9	27000	--	--	--
	83-06-13	1300	6.00	--	28.5	4.2	7.8	30400	--	--	--
	83-08-23	1640	E.20	--	--	--	7.9	9080	--	--	--
	83-09-21	1015	1.00	--	--	3.8	6.6	300	1900	2.70	--
	83-09-21	1016	5.50	--	--	2.5	6.4	11700	--	--	--
	83-09-21	1045	5.00	--	--	--	--	--	--	--	--
	83-11-14	1505	1.00	--	23.5	7.7	8.0	21900	1450	--	--
	83-11-14	1506	2.50	--	23.0	7.4	8.0	23100	--	--	--
	83-11-14	1507	5.00	--	22.5	5.1	7.8	23900	--	--	12
	83-12-14	1550	1.00	--	21.5	8.3	8.2	28700	600	4.40	--
	83-12-14	1551	5.00	--	21.5	8.2	8.2	28700	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	SOLIDS, VOLA-TILE, SUS-PENDED (MG/L)	SAM-PLING METHOD, CODES 1/
CH-02	84-01-18	--	--	--	--	--	--	--	40
	84-02-14	78	40	--	3	--	--	--	50
	84-02-14	--	--	--	--	--	--	--	--
	84-02-14	--	--	--	--	--	--	--	--
	84-04-30	38	50	1.8	9	--	--	--	50
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-06-11	82	25	--	3	--	--	--	--
	84-06-11	--	--	--	--	--	--	--	--
	84-09-19	24	50	7.7	36	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
CH-03	83-03-09	22	--	--	3	--	--	--	50
	83-03-09	--	--	--	--	--	--	--	--
	83-03-09	--	--	--	--	--	--	--	--
	83-06-13	54	--	--	12	--	--	--	50
	83-06-13	--	--	--	--	--	--	--	--
	83-06-13	--	--	--	--	--	--	--	--
	83-09-20	32	--	--	8	--	--	--	50
	83-09-20	--	--	--	--	--	--	--	--
	84-04-30	46	40	1.3	10	--	--	--	50
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-09-19	19	45	4.6	18	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
CH-04	82-12-14	--	40	2.7	--	15900	10	5	10
	82-12-14	--	--	--	--	--	--	--	10
	83-06-13	55	--	--	9	--	--	--	50
	83-06-13	--	--	--	--	--	--	--	--
	83-06-13	--	--	--	18	--	--	--	--
	83-08-23	--	--	--	11	--	--	--	--
	83-09-21	23	160	2.5	10	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	160	3.8	16	--	--	--	50
	83-11-14	36	--	--	4	--	--	--	50
	83-11-14	--	--	--	--	--	--	--	--
	83-11-14	--	--	--	--	--	--	--	--
	83-12-14	29	20	--	21	--	--	--	50
	83-12-14	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-04	84-01-18	0910	--	--	--	--	--	20000	--	--	--
	84-02-14	1505	1.00	--	21.5	9.0	--	25500	1120	--	--
	84-02-14	1507	2.50	--	19.0	7.7	--	32100	--	--	--
	84-02-14	1530	5.50	--	19.0	7.4	--	32100	--	--	3.6
	84-05-01	1645	1.00	29.0	30.5	--	--	--	1600	--	--
	84-05-01	1646	3.00	--	--	--	--	--	--	--	--
	84-05-01	1647	5.00	--	30.5	--	--	--	--	--	44
	84-06-11	1500	1.00	34.0	29.5	5.6	--	32600	1900	6.00	--
	84-06-11	1501	8.00	--	28.0	5.2	--	35100	--	--	--
	84-09-19	1430	1.00	--	26.5	6.3	--	--	950	--	--
	84-09-19	1431	4.00	--	26.5	6.2	--	--	--	--	13
CH-05	83-03-10	1000	1.00	--	20.5	7.8	7.1	3950	65.0	3.10	--
	83-03-10	1001	7.00	--	21.0	6.8	7.4	14000	--	--	--
	83-03-10	1002	14.0	--	21.0	5.9	7.5	24700	--	--	--
	83-08-23	1615	E.20	--	--	--	8.3	16400	--	--	--
	83-09-21	1120	1.00	--	--	8.5	8.2	11400	2300	1.50	--
	83-09-21	1121	6.00	--	--	4.0	7.4	18100	--	--	--
	83-09-21	1122	12.5	--	--	.6	7.0	19800	--	--	--
	84-05-01	1610	1.00	--	32.0	--	--	26400	2600	--	--
	84-05-01	1611	5.00	--	31.0	--	--	26800	--	--	--
	84-05-01	1612	9.00	--	29.0	--	--	29300	--	--	35
	84-09-19	1300	1.00	--	27.5	5.8	--	33500	--	--	--
	84-09-19	1301	6.00	--	28.0	5.7	--	33500	--	--	--
	84-09-19	1302	13.0	--	28.0	3.5	--	34500	--	--	--
CH-06	82-12-14	1530	--	--	--	--	--	--	--	--	--
	83-03-09	1200	1.00	--	22.5	7.7	7.5	11600	1700	5.60	--
	83-03-09	1201	7.00	--	21.5	7.5	7.7	13800	--	--	--
	83-03-09	1245	11.0	--	21.0	6.8	7.7	--	--	--	--
	83-03-09	1246	14.0	--	--	--	--	23300	--	--	--
	83-06-13	1420	1.00	--	29.0	6.1	8.2	33600	420	7.20	--
	83-06-13	1421	8.00	--	28.5	6.0	8.2	33700	--	--	--
	83-06-13	1422	12.0	--	28.5	4.2	8.0	35000	--	--	--
	83-06-13	1435	15.0	--	28.5	3.5	7.9	35700	--	--	--
	83-06-29	1245	1.00	29.5	31.0	--	--	--	--	--	--
	83-06-29	1246	14.0	--	23.5	--	--	--	--	--	--
	83-07-13	1100	1.00	29.5	28.0	--	--	--	--	--	--
	83-07-13	1101	14.0	--	--	--	--	--	--	--	--
	83-07-27	1245	1.00	31.0	31.0	--	--	--	--	--	--
	83-08-10	1515	1.00	31.5	31.5	--	--	--	--	--	--
	83-08-10	1516	14.0	--	--	--	--	--	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-04	84-01-18	--	--	--	--	--	--	--	40
	84-02-14	51	40	--	8	--	--	--	50
	84-02-14	--	--	--	--	--	--	--	--
	84-02-14	--	40	--	12	--	--	--	50
	84-05-01	28	50	2.3	17	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-06-11	55	20	--	3	--	--	--	--
	84-06-11	--	--	--	--	--	--	--	--
	84-09-19	29	60	3.5	15	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
CH-05	83-03-10	26	--	--	2	--	--	--	50
	83-03-10	--	--	--	--	--	--	--	--
	83-03-10	--	--	--	--	--	--	--	--
	83-08-23	25	--	--	7	--	--	--	--
	83-09-21	14	--	--	18	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	84-05-01	46	50	1.5	14	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-19	42	30	2.2	8	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
CH-06	82-12-14	--	20	.70	--	27900	3	1	10
	83-03-09	24	--	--	5	--	--	--	50
	83-03-09	--	--	--	--	--	--	--	--
	83-03-09	--	--	--	6	--	--	--	50
	83-03-09	--	--	--	--	--	--	--	--
	83-06-13	72	--	--	5	--	--	--	50
	83-06-13	--	--	--	--	--	--	--	--
	83-06-13	--	--	--	--	--	--	--	--
	83-06-13	--	--	--	72	--	--	--	--
	83-06-29	44	--	--	--	--	--	--	50
	83-06-29	--	--	--	--	--	--	--	50
	83-07-13	45	--	--	--	--	--	--	50
	83-07-13	--	--	--	--	--	--	--	50
	83-07-27	52	--	--	--	--	--	--	50
	83-08-10	42	--	--	--	--	--	--	50
	83-08-10	--	--	--	--	--	--	--	50

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-06	83-08-23	1015	1.00	28.5	31.0	--	--	--	--	--	--
	83-08-23	1016	14.0	--	--	--	--	--	--	--	--
	83-08-23	1545	E.20	--	--	--	8.2	23900	--	--	--
	83-09-06	1745	1.00	29.5	32.0	--	--	--	--	--	--
	83-09-06	1750	14.0	--	--	--	--	--	--	--	--
	83-09-21	1220	1.00	--	--	6.4	7.9	13500	2550	6.70	--
	83-09-21	1226	6.00	--	--	3.4	7.4	19000	--	--	--
	83-09-21	1250	13.5	--	--	1.6	7.4	24900	--	--	--
	83-10-05	1600	1.00	--	--	--	--	--	--	--	--
	83-11-14	1305	1.00	--	22.0	7.4	8.1	32400	2000	8.80	--
	83-11-14	1306	7.00	--	22.0	7.1	8.1	32700	--	--	--
	83-11-14	1307	10.0	--	21.5	6.7	8.0	32900	--	--	--
	83-11-14	1308	12.0	--	22.0	5.6	8.0	33600	--	--	--
	83-11-14	1309	14.0	--	22.5	5.1	7.5	35400	--	--	--
	83-12-14	1300	1.00	--	20.5	8.5	8.1	35000	1130	7.60	--
	83-12-14	1301	12.5	--	20.5	8.5	8.1	34900	--	--	--
	84-02-14	1800	1.00	--	19.5	7.4	--	34900	42.0	--	--
	84-02-14	1802	6.00	--	18.5	7.0	--	36700	--	--	--
	84-02-14	1803	9.00	--	17.5	6.5	--	37400	--	--	--
	84-02-14	1804	12.0	--	17.0	6.2	--	38200	--	--	3.1
	84-05-01	1540	1.00	29.5	31.0	--	--	23700	3000	--	--
	84-05-01	1541	3.00	--	30.5	--	--	27400	--	--	--
	84-05-01	1542	9.00	--	29.5	--	--	28900	--	--	23
	84-06-12	1140	1.00	30.5	28.5	5.5	--	37000	1700	3.60	--
	84-06-12	1141	15.0	--	28.0	4.2	--	40300	--	--	--
	84-06-27	1700	1.00	34.0	30.5	7.3	8.1	33900	--	--	--
	84-06-27	1701	10.0	--	29.5	6.3	8.1	35400	--	--	--
	84-07-17	1307	--	--	--	--	--	--	--	--	--
	84-07-26	1051	1.00	31.5	28.0	8.6	--	22500	--	--	--
	84-07-26	1052	10.0	--	28.5	3.7	7.8	33100	--	--	--
	84-08-09	1545	1.00	--	--	E7.5	8.2	17300	--	--	--
	84-08-09	1546	6.00	--	30.0	7.2	8.3	23200	--	--	--
	84-08-09	1547	15.0	--	30.0	2.3	7.8	33500	--	--	--
	84-08-24	1130	1.00	28.5	29.5	7.9	8.3	26800	--	--	--
	84-08-24	1131	7.00	--	29.0	6.7	8.2	2900	--	--	--
	84-08-24	1132	14.0	--	29.5	4.4	8.0	30300	--	--	--
	84-09-19	1520	1.00	--	27.0	--	--	31400	--	--	--
	84-09-19	1521	6.00	--	27.0	--	--	33000	--	--	--
	84-09-19	1522	13.0	--	27.0	--	--	33000	--	--	--
	84-09-24	1050	1.00	--	--	--	--	--	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-06	83-08-23	40	--	--	--	--	--	--	50
	83-08-23	--	--	--	--	--	--	--	50
	83-08-23	39	--	--	6	--	--	--	--
	83-09-06	30	--	--	--	--	--	--	50
	83-09-06	--	--	--	--	--	--	--	--
	83-09-21	33	80	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	40	2.0	9	--	--	--	50
	83-10-05	36	--	--	--	--	--	--	50
	83-11-14	49	--	--	1	--	--	--	50
	83-11-14	--	--	--	--	--	--	--	--
	83-11-14	--	--	--	--	--	--	--	--
	83-11-14	--	--	--	--	--	--	--	--
	83-11-14	--	--	--	--	--	--	--	--
	83-12-14	56	10	--	23	--	--	--	50
	83-12-14	--	--	--	--	--	--	--	--
	84-02-14	82	20	--	14	--	--	--	50
	84-02-14	--	--	--	--	--	--	--	--
	84-02-14	--	--	--	--	--	--	--	--
	84-02-14	--	--	--	--	--	--	--	--
	84-05-01	58	30	.30	5	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-06-12	88	20	--	1	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-06-27	--	--	--	--	--	--	--	50
	84-06-27	--	--	--	--	--	--	--	--
	84-07-17	--	30	--	--	--	--	--	--
	84-07-26	36	--	--	--	--	--	--	50
	84-07-26	--	--	--	--	--	--	--	--
	84-08-09	48	--	--	--	--	--	--	50
	84-08-09	--	--	--	--	--	--	--	--
	84-08-09	--	--	--	--	--	--	--	--
	84-08-24	54	--	--	--	--	--	--	50
	84-08-24	--	--	--	--	--	--	--	--
	84-08-24	--	--	--	--	--	--	--	--
	84-09-19	26	40	2.9	12	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
	84-09-24	--	--	--	--	--	--	--	50

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-06	84-09-26	0845	1.00	--	--	--	--	--	--	--	--
	84-09-28	0950	1.00	--	--	--	--	--	--	--	--
	84-10-01	1105	1.00	--	--	--	--	--	--	--	--
	84-10-03	0930	1.00	--	--	--	--	--	--	--	--
	84-10-05	0900	1.00	--	--	--	--	--	--	--	--
	84-10-10	0814	1.00	--	--	--	--	--	--	--	--
	84-10-15	1000	1.00	--	--	--	--	--	--	--	--
	84-10-17	1045	1.00	--	--	--	--	--	--	--	--
CH-07	83-03-09	1105	1.00	--	22.0	6.3	7.4	20600	1600	--	--
	83-03-09	1106	4.00	--	21.5	7.2	7.8	24100	--	--	--
	83-03-09	1107	8.00	--	21.5	6.7	7.8	24400	--	--	1.3
	83-06-13	1349	1.00	--	29.5	6.3	8.2	35700	550	4.00	--
	83-06-13	1351	5.00	--	29.0	6.0	8.2	35700	--	--	--
	83-06-13	1352	9.00	--	29.0	5.6	8.1	35800	--	--	--
	83-09-21	1340	1.00	31.0	30.0	9.2	8.0	22000	2800	--	--
	83-09-21	1341	3.00	--	29.0	8.5	8.1	22000	--	--	16
	84-05-01	1500	1.00	29.5	30.5	--	--	26300	1800	--	--
	84-05-01	1501	3.00	--	30.5	--	--	29800	--	--	28
	84-05-01	1502	7.00	--	30.5	--	--	29800	--	--	--
	84-07-17	1137	--	--	--	--	--	--	--	--	--
	84-09-19	1220	1.00	--	27.5	5.1	--	35400	--	--	--
	84-09-19	1221	4.00	--	27.5	4.9	--	35500	--	--	--
	84-09-19	1222	8.00	--	27.5	4.5	--	35500	--	--	--
CH-08	83-03-09	1400	1.00	--	22.0	8.1	7.9	16700	1650	6.40	--
	83-03-09	1401	4.00	--	21.5	7.8	7.9	17500	--	--	--
	83-03-09	1402	9.00	--	20.5	7.0	7.9	23600	--	--	--
	83-06-15	0945	1.00	--	27.5	7.3	8.0	34100	1250	--	--
	83-06-15	0946	5.00	--	27.5	6.6	8.0	34000	--	--	--
	83-06-15	0947	10.0	--	27.5	6.5	8.0	34300	--	--	50
	83-09-21	1545	1.00	29.5	29.5	7.3	7.9	17000	2000	7.00	--
	83-09-21	1546	2.00	--	28.0	6.4	7.9	18500	--	--	--
	83-09-21	1547	3.00	--	28.0	4.4	7.7	27900	--	--	--
	83-09-21	1548	5.00	--	28.0	4.4	7.7	27900	--	--	--
	83-09-21	1549	10.0	--	28.0	4.4	7.7	27800	--	--	--
	84-05-01	1300	1.00	30.0	28.0	--	--	31700	2000	--	--
	84-05-01	1301	3.00	--	27.0	--	--	31900	--	--	--
	84-05-01	1302	7.00	--	26.5	--	--	33400	--	--	13
	84-05-01	1303	9.00	--	26.5	--	--	33500	--	--	--
	84-09-19	1545	1.00	--	27.0	--	--	29200	--	--	--
	84-09-19	1546	5.00	--	27.0	--	--	29200	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-06	84-09-26	--	--	--	--	--	--	--	50
	84-09-28	--	--	--	--	--	--	--	50
	84-10-01	--	--	--	--	--	--	--	50
	84-10-03	--	--	--	--	--	--	--	50
	84-10-05	--	--	--	--	--	--	--	50
	84-10-10	--	--	--	--	--	--	--	50
	84-10-15	--	--	--	--	--	--	--	50
	84-10-17	--	--	--	--	--	--	--	50
CH-07	83-03-09	30	--	--	3	--	--	--	50
	83-03-09	--	--	--	--	--	--	--	--
	83-03-09	--	--	--	--	--	--	--	--
	83-06-13	56	--	--	3	--	--	--	50
	83-06-13	--	--	--	--	--	--	--	--
	83-06-13	--	--	--	--	--	--	--	--
	83-09-21	36	--	--	13	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	84-05-01	48	40	1.2	11	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-07-17	--	40	--	--	--	--	--	--
	84-09-19	47	30	2.4	4	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
CH-08	83-03-09	26	--	--	6	--	--	--	50
	83-03-09	--	--	--	--	--	--	--	--
	83-03-09	--	--	--	--	--	--	--	--
	83-06-15	48	--	--	21	--	--	--	50
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-09-21	36	--	--	7	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	84-05-01	74	30	1.6	11	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-19	20	40	7.0	36	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-08	84-09-19	1547	10.0	--	27.0	--	--	29200	--	--	--
CH-09	83-03-09	1555	1.00	--	22.0	8.9	8.1	21000	1100	4.80	--
	83-03-09	1556	7.00	--	22.0	8.9	8.2	21900	--	--	--
	83-03-09	1557	14.0	--	21.0	6.5	7.9	30200	--	--	--
	83-06-15	0925	1.00	--	28.0	7.3	8.2	39400	1000	10.9	--
	83-06-15	0926	8.00	--	28.0	6.4	8.0	39300	--	--	--
	83-06-15	0927	16.0	--	28.0	6.3	8.0	39500	--	--	--
	83-09-21	1615	1.00	29.0	30.0	7.5	7.9	21400	2000	6.00	--
	83-09-21	1616	3.00	--	29.5	7.1	8.0	22500	--	--	--
	83-09-21	1617	6.00	--	29.0	5.9	7.8	26800	--	--	--
	83-09-21	1618	12.0	--	28.5	5.7	7.8	27100	--	--	--
	83-09-21	1619	17.0	--	28.0	5.6	7.8	27300	--	--	--
	83-11-14	1155	1.00	--	22.0	6.5	8.0	38400	2000	6.50	--
	83-11-14	1156	7.50	--	22.0	6.4	8.1	38200	--	--	--
	83-11-14	1157	15.0	--	22.0	5.9	8.0	38900	--	--	--
	83-12-14	1215	1.00	--	21.0	8.4	8.1	40400	1250	12.5	--
	83-12-14	1216	17.0	--	20.5	8.3	8.1	40400	--	--	--
	84-01-16	1530	2.00	--	--	--	--	37100	--	--	--
	84-01-16	1615	15.0	--	--	--	--	39700	--	--	--
	84-02-15	1050	1.00	--	18.5	7.1	--	38000	1650	--	--
	84-02-15	1052	10.0	--	18.0	6.8	--	38800	--	--	--
	84-02-15	1053	14.5	--	17.5	6.6	--	39200	--	--	4.2
	84-05-01	1220	1.00	30.0	28.5	--	--	34600	1500	--	--
	84-05-01	1221	5.00	--	27.5	--	--	35800	--	--	33
	84-05-01	1222	9.00	--	27.0	--	--	36900	--	--	--
	84-06-12	1215	1.00	--	28.5	5.1	--	42400	2000	13.5	--
	84-06-12	1216	19.0	--	28.0	4.5	--	42300	--	--	--
	84-09-19	1600	1.00	--	27.0	--	--	36900	--	--	--
	84-09-19	1601	8.00	--	27.5	--	--	37200	--	--	--
	84-09-19	1602	16.0	--	27.5	--	--	37200	--	--	--
CH-10	83-06-15	0830	1.00	--	28.0	6.4	7.8	40500	1100	--	--
	83-06-15	0831	3.00	--	28.0	6.3	8.0	40800	--	--	--
	83-06-15	0832	5.00	--	28.0	6.3	7.8	40800	--	--	21
	83-09-21	1635	.50	29.0	30.0	9.8	8.2	27300	1900	--	--
	83-09-21	1636	5.00	--	30.0	9.8	8.2	27300	--	--	2.1
	84-05-01	1200	1.00	29.0	29.5	--	--	36500	1600	--	--
	84-05-01	1201	5.00	--	29.0	--	--	36500	--	--	56
	84-09-19	1630	1.00	--	26.5	--	--	36300	--	--	--
	84-09-19	1631	2.00	--	26.5	--	--	36400	--	--	--
	84-09-19	1632	5.00	--	26.5	--	--	36600	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-08	84-09-19	--	--	--	--	--	--	--	--
CH-09	83-03-09	26	--	--	4	--	--	--	50
	83-03-09	--	--	--	--	--	--	--	--
	83-03-09	--	--	--	--	--	--	--	--
	83-06-15	50	--	--	6	--	--	--	50
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-09-21	39	--	--	5	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	83-11-14	78	--	--	1	--	--	--	50
	83-11-14	--	--	--	--	--	--	--	--
	83-11-14	--	--	--	--	--	--	--	--
	83-12-14	88	5	--	52	--	--	--	50
	83-12-14	--	--	--	--	--	--	--	--
	84-01-16	--	--	--	--	--	--	--	50
	84-01-16	--	--	--	--	--	--	--	50
	84-02-15	128	20	--	5	--	--	--	50
	84-02-15	--	--	--	--	--	--	--	--
	84-02-15	--	--	--	--	--	--	--	--
	84-05-01	86	30	1.2	6	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-06-12	154	10	--	2	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-09-19	34	25	2.0	6	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
CH-10	83-06-15	>60	--	--	6	--	--	--	50
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-09-21	37	--	--	11	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	84-05-01	>48	20	.80	8	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-19	38	25	2.1	5	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-11	82-12-15	1000	--	--	--	--	--	--	--	--	--
	82-12-15	1001	--	--	--	--	--	--	--	--	--
	83-03-09	1530	1.00	--	21.5	7.6	7.9	36000	1500	8.20	--
	83-03-09	1531	5.00	--	21.5	7.4	7.9	35900	--	--	--
	83-03-09	1545	10.0	--	21.5	7.3	7.9	36000	--	--	--
	83-06-15	1015	1.00	--	28.0	7.0	8.2	47000	1750	--	--
	83-06-15	1016	6.00	--	28.0	6.3	8.1	47900	--	--	--
	83-06-15	1030	11.0	--	28.5	6.0	8.1	49700	--	--	51
	83-06-29	1020	1.00	29.5	30.0	--	--	--	--	--	--
	83-06-29	1021	3.00	--	23.5	--	--	--	--	--	--
	83-07-13	1200	1.00	27.5	29.0	--	--	--	--	--	--
	83-07-13	1201	13.0	--	--	--	--	--	--	--	--
	83-07-27	1130	1.00	29.0	31.0	--	--	--	--	--	--
	83-07-27	1131	13.0	--	--	--	--	--	--	--	--
	83-08-10	1630	1.00	29.0	31.5	--	--	--	--	--	--
	83-08-10	1631	13.0	--	--	--	--	--	--	--	--
	83-08-23	1130	1.00	31.0	32.0	--	--	--	--	--	--
	83-08-23	1131	13.0	--	--	--	--	--	--	--	--
	83-08-23	1425	--	--	--	--	--	47700	--	--	--
	83-09-06	1845	1.00	28.5	32.0	--	--	--	--	--	--
	83-09-06	1900	13.0	--	--	--	--	--	--	--	--
	83-09-22	1210	.50	29.0	30.0	6.2	7.7	33300	--	--	--
	83-09-22	1211	5.00	--	30.0	5.0	7.7	35300	--	--	--
	83-09-22	1212	6.00	--	30.0	4.8	7.7	35600	--	--	--
	83-09-22	1213	8.00	--	30.0	5.3	7.7	35700	--	--	--
	83-09-22	1300	1.00	--	--	--	--	--	--	--	--
	83-10-05	1415	1.00	--	--	--	--	--	--	--	--
	83-11-15	0855	1.00	--	22.0	6.4	8.0	46000	1050	12.2	--
	83-11-15	0856	7.00	--	22.0	6.4	8.1	46200	--	--	--
	83-11-15	0857	14.0	--	22.0	6.4	8.0	47100	--	--	--
	84-02-15	1140	1.00	--	17.5	6.3	--	43300	1750	--	--
	84-02-15	1142	6.00	--	17.5	6.3	--	43400	--	--	--
	84-02-15	1143	12.0	--	17.5	6.3	--	43400	--	--	5.4
	84-04-30	1555	1.00	--	26.5	6.0	--	47700	--	--	--
	84-04-30	1556	6.00	--	26.5	5.8	--	48000	--	--	--
	84-04-30	1557	11.0	--	26.5	5.7	--	48300	--	--	--
	84-06-12	1330	1.00	32.0	28.5	5.5	--	52500	2000	10.2	--
	84-06-12	1331	11.0	--	28.0	4.9	--	52600	--	--	--
	84-06-27	1545	1.00	29.5	30.0	6.8	8.1	46000	--	--	--
	84-07-18	0905	--	--	--	--	--	--	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	SOLIDS, VOLA-TILE, SUS-PENDED (MG/L)	SAM-PLING METHOD, CODES 1/
CH-11	82-12-15	--	10	2.1	--	31800	5	2	10
	82-12-15	--	--	--	--	--	--	--	10
	83-03-09	22	--	--	4	--	--	--	--
	83-03-09	--	--	--	--	--	--	--	--
	83-03-09	--	--	--	8	--	--	--	50
	83-06-15	58	--	--	4	--	--	--	50
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	11	--	--	--	--
	83-06-29	82	--	--	--	--	--	--	50
	83-06-29	--	--	--	--	--	--	--	50
	83-07-13	96	--	--	--	--	--	--	50
	83-07-13	--	--	--	--	--	--	--	50
	83-07-27	84	--	--	--	--	--	--	50
	83-07-27	--	--	--	--	--	--	--	50
	83-08-10	84	--	--	--	--	--	--	50
	83-08-10	--	--	--	--	--	--	--	50
	83-08-23	60	--	--	--	--	--	--	50
	83-08-23	--	--	--	--	--	--	--	50
	83-08-23	--	--	--	--	--	--	--	--
	83-09-06	42	--	--	--	--	--	--	50
	83-09-06	--	--	--	--	--	--	--	--
	83-09-22	--	25	.40	--	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	--
	83-09-22	--	--	--	--	--	--	--	--
	83-09-22	--	--	--	--	--	--	--	--
	83-09-22	--	--	--	--	--	--	--	50
	83-10-05	84	--	--	--	--	--	--	50
	83-11-15	118	--	--	35	--	--	--	50
	83-11-15	--	--	--	--	--	--	--	--
	83-11-15	--	--	--	--	--	--	--	--
	84-02-15	--	10	--	6	--	--	--	50
	84-02-15	--	--	--	--	--	--	--	--
	84-02-15	--	--	--	--	--	--	--	--
	84-04-30	61	5	.30	9	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-06-12	118	<5	--	2	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-06-27	--	--	--	--	--	--	--	50
	84-07-18	--	10	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-11	84-07-26	1200	1.00	33.5	29.0	6.5	8.1	46000	--	--	--
	84-07-26	1201	10.0	--	29.0	5.8	8.1	47800	--	--	--
	84-08-09	1430	1.00	32.0	32.5	7.3	--	33500	--	--	--
	84-08-09	1431	3.00	--	31.5	7.0	--	39800	--	--	--
	84-08-09	1432	12.0	--	30.0	5.2	--	47300	--	--	--
	84-08-24	1015	1.00	29.0	29.5	5.9	8.1	49500	--	--	--
	84-08-24	1016	10.0	--	29.5	4.7	8.1	50200	--	--	--
	84-09-18	1405	1.00	--	29.0	6.2	--	40200	--	--	--
	84-09-18	1406	6.00	--	28.5	5.6	--	39200	--	--	--
	84-09-18	1407	13.0	--	28.5	6.0	--	42000	--	--	--
	84-09-24	1115	1.00	--	--	--	--	--	--	--	--
	84-09-26	1125	1.00	--	--	--	--	--	--	--	--
	84-09-28	1100	1.00	--	--	--	--	--	--	--	--
	84-10-01	1100	1.00	--	--	--	--	--	--	--	--
	84-10-03	1130	1.00	--	--	--	--	--	--	--	--
	84-10-05	1130	1.00	--	--	--	--	--	--	--	--
	84-10-08	1115	1.00	--	--	--	--	--	--	--	--
	84-10-10	1100	1.00	--	--	--	--	--	--	--	--
	84-10-15	1121	1.00	--	--	--	--	--	--	--	--
	84-10-17	1121	1.00	--	--	--	--	--	--	--	--
CH-12	83-06-15	1210	1.00	--	28.5	7.3	8.2	40400	2100	--	--
	83-06-15	1211	3.00	--	28.5	7.2	8.3	41600	--	--	--
	83-06-15	1212	6.00	--	28.5	7.1	8.3	43900	--	--	14
	83-09-21	1150	1.00	--	28.0	7.1	8.2	26200	1640	--	--
	83-09-21	1151	3.00	--	28.0	6.8	8.2	27100	--	--	--
	83-09-21	1152	6.00	--	28.0	6.9	8.2	27100	--	--	4.0
	84-04-30	1520	1.00	--	27.5	6.6	--	43200	--	--	--
	84-04-30	1521	2.50	--	27.5	6.6	--	43100	--	--	--
	84-04-30	1522	5.00	--	27.5	6.7	--	43500	--	--	--
	84-09-18	1510	1.00	--	30.0	7.1	--	40100	--	--	--
	84-09-18	1511	3.00	--	29.5	7.2	--	40200	--	--	--
	84-09-18	1512	6.00	--	29.5	7.2	--	40400	--	--	--
CH-13	83-06-15	1135	1.00	--	28.0	6.6	8.2	50600	2100	--	--
	83-06-15	1136	5.00	--	28.5	6.5	8.2	51200	--	--	--
	83-06-15	1137	10.0	--	28.5	6.3	8.1	51400	--	--	3.8
	83-09-21	1110	1.00	--	28.5	6.8	8.4	37100	1650	11.1	--
	83-09-21	1111	5.00	--	28.5	6.2	8.4	40700	--	--	--
	83-09-21	1112	10.0	--	29.0	5.7	8.3	42100	--	--	--
	83-11-15	0935	1.00	--	21.0	7.0	8.2	46400	1500	10.5	--
	83-11-15	0936	5.00	--	21.5	6.8	8.2	48500	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-11	84-07-26	84	--	--	--	--	--	--	50
	84-07-26	--	--	--	--	--	--	--	--
	84-08-09	84	--	--	--	--	--	--	50
	84-08-09	--	--	--	--	--	--	--	--
	84-08-09	--	--	--	--	--	--	--	--
	84-08-24	96	--	--	--	--	--	--	50
	84-08-24	--	--	--	--	--	--	--	--
	84-09-18	74	20	1.0	23	--	--	--	50
	84-09-18	--	--	--	--	--	--	--	--
	84-09-18	--	--	--	--	--	--	--	--
	84-09-24	--	--	--	--	--	--	--	50
	84-09-26	--	--	--	--	--	--	--	50
	84-09-28	--	--	--	--	--	--	--	50
	84-10-01	--	--	--	--	--	--	--	50
	84-10-03	--	--	--	--	--	--	--	50
	84-10-05	--	--	--	--	--	--	--	50
	84-10-08	--	--	--	--	--	--	--	50
	84-10-10	--	--	--	--	--	--	--	50
	84-10-15	--	--	--	--	--	--	--	50
	84-10-17	--	--	--	--	--	--	--	50
CH-12	83-06-15	49	--	--	6	--	--	--	50
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-09-21	36	--	--	14	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	84-04-30	49	10	4.3	16	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-09-18	42	20	2.8	9	--	--	--	50
	84-09-18	--	--	--	--	--	--	--	--
	84-09-18	--	--	--	--	--	--	--	--
CH-13	83-06-15	48	--	--	8	--	--	--	50
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-09-21	62	20	2.7	7	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-11-15	80	--	--	15	--	--	--	50
	83-11-15	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-13	83-11-15	0937	10.0	--	21.5	6.8	8.2	48300	--	--	--
	84-02-15	1330	1.00	--	19.0	6.6	--	49700	1850	--	--
	84-02-15	1332	5.50	--	17.5	6.3	--	50500	--	--	--
	84-02-15	1333	8.50	--	17.5	6.4	--	50800	--	--	2.7
	84-04-30	1445	1.00	--	27.0	6.6	--	48700	--	--	--
	84-04-30	1446	4.50	--	27.0	6.2	--	49400	--	--	--
	84-04-30	1447	9.00	--	26.0	5.3	--	50100	--	--	--
	84-06-12	1400	1.00	32.5	29.0	5.0	--	51900	2700	7.80	--
	84-06-12	1401	10.0	--	28.5	3.3	--	52900	--	--	--
	84-09-18	1540	1.00	--	29.5	6.5	--	44900	--	--	--
	84-09-18	1541	5.00	--	29.5	6.3	--	46200	--	--	--
	84-09-18	1542	10.0	--	29.0	5.4	--	47200	--	--	--
CH-15	83-09-21	0950	1.00	--	29.0	7.8	8.3	43900	1100	27.5	--
	83-09-21	0951	10.0	--	29.0	7.3	8.3	44000	--	--	--
	83-09-21	0952	20.0	--	28.5	6.5	8.3	45200	--	--	--
	83-09-21	0953	30.0	--	29.5	4.5	8.1	48400	--	--	--
	83-09-21	0954	44.0	--	29.5	2.8	8.0	48500	--	--	--
	84-01-17	1200	.20	--	--	--	--	51300	--	--	--
	84-04-30	1320	1.00	--	25.5	6.1	--	51600	--	--	--
	84-04-30	1321	20.0	--	24.5	6.1	--	52200	--	--	--
	84-04-30	1322	39.0	--	24.0	5.7	--	52800	--	--	--
	84-09-18	1445	1.00	--	29.0	6.3	--	54000	2500	--	--
	84-09-18	1446	26.0	--	29.0	6.5	--	54200	--	--	--
	84-09-18	1447	30.0	--	--	--	--	--	--	--	14
	84-09-18	1448	42.0	--	29.0	4.9	--	54600	--	--	--
CH-16	83-06-15	1100	1.00	--	28.5	6.2	8.1	48900	1650	24.8	--
	83-06-15	1101	5.00	--	28.5	6.0	8.1	51800	--	--	--
	83-06-15	1102	10.0	--	28.5	6.0	8.1	53500	--	--	--
	83-06-15	1103	16.0	--	28.5	6.0	8.1	54200	--	--	--
	83-06-15	1104	20.0	--	28.5	5.8	8.1	54500	--	--	--
	83-06-15	1105	30.0	--	28.5	5.6	8.1	54600	--	--	--
	83-08-23	1400	--	--	--	--	--	51600	--	--	--
	83-09-21	1040	1.00	--	29.0	6.1	8.2	40800	--	--	--
	83-09-21	1041	5.00	--	29.0	6.3	8.3	42900	--	--	--
	83-09-21	1042	10.0	--	29.0	6.4	8.3	43800	--	--	--
	83-09-21	1043	20.0	--	29.0	6.4	8.3	43800	--	--	--
	83-09-21	1044	30.0	--	29.0	6.5	8.3	43800	--	--	--
	84-04-30	1410	1.00	--	26.5	6.0	--	50500	--	--	--
	84-04-30	1411	22.0	--	26.0	5.9	--	51100	--	--	--
	84-04-30	1412	43.0	--	25.5	5.8	--	51400	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	SOLIDS, VOLA-TILE, SUS-PENDED (MG/L)	SAM-PLING METHOD, CODES 1/
CH-13	83-11-15	--	--	--	--	--	--	--	--
	84-02-15	30	5	--	27	--	--	--	50
	84-02-15	--	--	--	--	--	--	--	--
	84-02-15	--	--	--	--	--	--	--	--
	84-04-30	37	5	7.2	28	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-06-12	38	<5	--	23	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-09-18	42	10	4.0	23	--	--	--	50
	84-09-18	--	--	--	--	--	--	--	--
	84-09-18	--	--	--	--	--	--	--	--
CH-15	83-09-21	168	5	.20	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	84-01-17	--	--	--	--	--	--	--	40
	84-04-30	144	5	.10	19	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-09-18	192	5	.60	<1	--	--	--	50
	84-09-18	--	--	--	--	--	--	--	--
	84-09-18	--	--	--	--	--	--	--	--
	84-09-18	--	--	--	--	--	--	--	--
CH-16	83-06-15	72	--	--	6	--	--	--	50
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-06-15	--	--	--	--	--	--	--	--
	83-08-23	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	8	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	84-04-30	94	5	1.8	12	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-16	84-09-18	1330	1.00	--	29.0	5.2	--	43900	2400	--	--
	84-09-18	1331	4.00	--	29.0	5.3	--	44200	--	--	--
CH-17	83-09-21	1510	1.00	--	29.5	8.0	8.3	24700	1800	--	--
	83-09-21	1511	5.00	--	28.0	6.0	8.2	27700	--	--	--
	83-09-21	1512	10.0	--	28.0	5.8	8.2	27900	--	--	4.0
	84-05-01	1100	1.00	--	28.0	7.6	--	31100	--	--	--
	84-05-01	1101	4.00	--	27.5	7.3	--	34400	--	--	--
	84-05-01	1102	8.00	--	27.0	6.3	--	35600	--	--	--
	84-09-20	1210	1.00	--	--	--	--	--	--	--	--
CH-18	83-03-28	1630	1.00	--	21.5	7.8	7.8	11600	330	--	--
	83-03-28	1631	4.00	--	21.5	7.6	7.7	11900	--	--	--
	83-03-28	1632	9.00	--	21.0	8.4	7.6	12200	--	--	1.1
	83-06-14	1700	1.00	--	30.5	9.0	8.0	17100	--	--	--
	83-06-14	1701	4.00	--	29.5	8.7	8.1	21800	--	--	--
	83-06-14	1702	6.00	--	29.0	8.4	8.0	22300	--	--	--
	83-06-14	1703	10.0	--	28.5	8.1	8.0	23000	--	--	--
	83-06-14	1704	14.0	--	28.0	6.8	7.6	24800	--	--	--
	83-06-14	1705	18.0	--	27.5	5.7	7.6	25200	--	--	--
	83-09-20	1500	1.00	--	28.0	6.8	7.1	22500	1540	6.00	--
	83-09-20	1501	8.00	--	28.0	6.2	7.1	22200	--	--	--
	83-09-20	1502	16.0	--	28.0	6.3	7.1	22200	--	--	--
	83-11-15	1345	1.00	--	22.5	7.3	8.4	26600	1650	7.00	--
	83-11-15	1346	4.50	--	22.5	7.4	8.4	26600	--	--	--
	83-11-15	1347	9.00	--	22.5	7.4	8.4	26600	--	--	--
	83-12-15	1310	1.00	--	21.0	6.7	7.9	33500	--	--	--
	83-12-15	1311	13.0	--	21.5	7.2	7.9	34400	--	--	--
	84-02-16	1200	1.00	--	21.0	6.6	--	36300	1800	--	--
	84-02-16	1202	5.00	--	20.5	6.6	--	36800	--	--	--
	84-02-16	1203	8.50	--	20.5	6.6	--	36900	--	--	6.1
	84-05-01	1120	1.00	--	27.5	6.6	--	23800	--	--	--
	84-05-01	1121	5.00	--	27.5	6.3	--	24000	--	--	--
	84-05-01	1122	10.0	--	27.5	5.9	--	24000	--	--	--
	84-06-13	0915	1.00	26.0	28.0	5.1	--	30500	420	3.10	--
	84-06-13	0916	13.0	--	28.0	4.9	--	30700	--	--	--
	84-09-20	1300	1.00	--	--	--	--	--	--	--	--
	84-09-24	1715	1.00	--	--	--	--	--	--	--	--
	84-09-26	1524	1.00	--	--	--	--	--	--	--	--
	84-09-28	0910	1.00	--	--	--	--	--	--	--	--
	84-10-01	2030	1.00	--	--	--	--	--	--	--	--
	84-10-03	2015	1.00	--	--	--	--	--	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-16	84-09-18	--	15	2.1	8	--	--	--	50
	84-09-18	--	--	--	--	--	--	--	--
CH-17	83-09-21	47	--	--	6	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	84-05-01	76	20	1.5	16	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-20	71	20	1.7	13	--	--	--	50
CH-18	83-03-28	55	--	--	8	--	--	--	50
	83-03-28	--	--	--	--	--	--	--	--
	83-03-28	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	5	--	--	--	50
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-09-20	56	30	.20	10	--	--	--	50
	83-09-20	--	--	--	--	--	--	--	50
	83-09-20	--	--	--	--	--	--	--	--
	83-11-15	47	--	--	6	--	--	--	50
	83-11-15	--	--	--	--	--	--	--	--
	83-11-15	--	--	--	--	--	--	--	--
	83-12-15	--	10	--	17	--	--	--	--
	83-12-15	--	--	--	--	--	--	--	50
	84-02-16	58	10	--	15	--	--	--	50
	84-02-16	--	--	--	--	--	--	--	--
	84-02-16	--	--	--	--	--	--	--	--
	84-05-01	52	30	.50	9	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-06-13	50	25	--	4	--	--	--	--
	84-06-13	--	--	--	--	--	--	--	--
	84-09-20	74	30	1.2	6	--	--	--	50
	84-09-24	--	--	--	--	--	--	--	50
	84-09-26	--	--	--	--	--	--	--	50
	84-09-28	--	--	--	--	--	--	--	50
	84-10-01	--	--	--	--	--	--	--	50
	84-10-03	--	--	--	--	--	--	--	50

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-18	84-10-05	1045	1.00	--	--	--	--	--	--	--	--
	84-10-08	1115	1.00	--	--	--	--	--	--	--	--
	84-10-10	1415	1.00	--	--	--	--	--	--	--	--
	84-10-15	1625	1.00	--	--	--	--	--	--	--	--
	84-10-17	1720	1.00	--	--	--	--	--	--	--	--
CH-19	83-09-21	1230	1.00	--	29.0	7.8	8.5	41800	1950	6.50	--
	83-09-21	1231	3.00	--	29.0	7.4	8.4	41800	--	--	--
	83-09-21	1232	7.00	--	29.0	7.2	8.4	42900	--	--	--
	84-04-30	1625	1.00	--	28.0	7.3	--	49500	--	--	--
	84-04-30	1626	6.00	--	28.0	7.1	--	49500	--	--	--
	84-04-30	1627	12.0	--	27.0	6.1	--	49900	--	--	--
	84-09-18	1415	1.00	--	29.0	6.7	--	46400	--	--	--
	84-09-18	1416	2.00	--	29.0	6.6	--	47200	--	--	--
	84-09-18	1417	6.00	--	29.0	7.3	--	47800	--	--	--
CH-20	83-03-28	0950	1.00	--	20.0	8.8	7.8	42300	3500	11.0	--
	83-03-28	0951	6.00	--	19.5	6.8	7.8	43600	--	--	--
	83-03-28	0952	12.0	--	19.5	7.1	7.8	43700	--	--	--
	83-09-21	1300	1.00	--	29.5	7.5	8.4	45600	1860	--	--
	83-09-21	1301	7.00	--	29.5	7.3	8.4	45500	--	--	--
	83-09-21	1302	14.0	--	29.5	7.2	8.4	45500	--	--	3.0
	83-11-15	1022	1.00	--	22.0	6.1	8.2	48200	1600	8.00	--
	83-11-15	1023	7.00	--	22.0	6.1	8.2	48600	--	--	--
	83-11-15	1024	14.0	--	22.0	6.0	8.2	49300	--	--	--
	84-01-17	1320	.20	--	--	--	--	48700	--	--	--
	84-01-17	1355	10.0	--	--	--	--	49500	--	--	--
	84-02-15	1530	1.00	--	20.5	7.0	--	47800	1100	--	--
	84-02-15	1532	3.00	--	20.0	6.7	--	49700	--	--	--
	84-02-15	1533	7.50	--	18.5	6.7	--	50100	--	--	9.1
	84-04-30	1650	1.00	--	28.0	7.3	--	49900	--	--	--
	84-04-30	1651	6.00	--	27.5	7.2	--	49900	--	--	--
	84-04-30	1652	11.0	--	26.5	6.1	--	50600	--	--	--
	84-06-12	1500	1.00	33.0	29.0	5.0	--	52200	1600	--	--
	84-06-12	1501	10.0	--	28.5	3.0	--	52800	--	--	20
	84-07-18	1000	--	--	--	--	--	--	--	--	--
	84-09-20	1330	1.00	--	27.0	6.0	--	51300	1300	--	--
	84-09-20	1331	8.00	--	27.0	5.8	--	51300	--	--	16
CH-21	83-06-14	1230	1.00	--	28.5	7.2	8.3	51500	--	--	--
	83-06-14	1231	5.00	--	28.5	7.0	8.3	51600	--	--	--
	83-06-14	1232	10.0	--	28.5	7.0	8.3	51600	--	--	--
	83-09-21	1330	1.00	--	29.5	7.3	8.4	45800	1950	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-18	84-10-05	--	--	--	--	--	--	--	50
	84-10-08	--	--	--	--	--	--	--	50
	84-10-10	--	--	--	--	--	--	--	50
	84-10-15	--	--	--	--	--	--	--	50
	84-10-17	--	--	--	--	--	--	--	50
CH-19	83-09-21	37	--	--	36	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	84-04-30	59	10	2.3	27	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-09-18	48	20	4.4	27	--	--	--	50
	84-09-18	--	--	--	--	--	--	--	--
	84-09-18	--	--	--	--	--	--	--	--
CH-20	83-03-28	46	--	--	9	--	--	--	50
	83-03-28	--	--	--	--	--	--	--	--
	83-03-28	--	--	--	--	--	--	--	--
	83-09-21	50	1	2.8	33	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-11-15	85	--	--	3	--	--	--	50
	83-11-15	--	--	--	--	--	--	--	--
	83-11-15	--	--	--	--	--	--	--	--
	84-01-17	--	--	--	--	--	--	--	50
	84-01-17	--	--	--	--	--	--	--	50
	84-02-15	54	5	--	15	--	--	--	50
	84-02-15	--	--	--	--	--	--	--	--
	84-02-15	--	--	--	--	--	--	--	--
	84-04-30	60	5	2.2	25	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-06-12	78	<5	--	14	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-07-18	--	5	--	--	--	--	--	--
	84-09-20	60	5	2.5	35	--	--	--	50
	84-09-20	--	--	--	--	--	--	--	--
CH-21	83-06-14	--	--	--	6	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-09-21	53	--	--	12	--	--	--	50

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-21	83-09-21	1331	5.00	--	29.5	6.8	8.4	45900	--	--	--
	83-09-21	1332	10.0	--	29.5	6.8	8.4	45900	--	--	10
	84-04-30	1710	1.00	--	27.5	7.0	--	49300	--	--	--
	84-04-30	1711	6.00	--	27.5	6.8	--	49700	--	--	--
	84-04-30	1712	13.0	--	27.5	6.8	--	49700	--	--	--
	84-09-20	1410	1.00	--	27.0	6.4	--	50800	1600	15.0	--
	84-09-20	1411	6.00	--	27.0	6.1	--	50800	--	--	--
CH-22	83-03-28	1115	1.00	--	20.0	7.7	7.9	35900	1200	--	--
	83-03-28	1116	3.00	--	20.0	7.6	7.9	36000	--	--	--
	83-03-28	1117	7.00	--	20.0	7.9	7.8	36200	--	--	3.3
	83-06-14	1155	1.00	--	28.5	7.6	8.5	45300	350	--	--
	83-06-14	1156	4.00	--	28.0	7.3	8.5	45400	--	--	--
	83-06-14	1157	7.00	--	28.0	6.6	8.5	45600	--	--	11
	83-06-29	1500	1.00	32.0	32.0	--	--	--	--	--	--
	83-06-29	1501	3.00	--	23.5	--	--	--	--	--	--
	83-07-13	1310	1.00	29.0	29.0	--	--	--	--	--	--
	83-07-13	1311	3.00	--	--	--	--	--	--	--	--
	83-07-27	1430	1.00	29.5	31.0	--	--	--	--	--	--
	83-07-27	1431	3.00	--	--	--	--	--	--	--	--
	83-08-09	1130	1.00	30.5	31.5	--	--	--	--	--	--
	83-08-09	1131	3.00	--	--	--	--	--	--	--	--
	83-08-24	1515	1.00	29.0	33.0	--	--	--	--	--	--
	83-08-24	1516	3.00	--	--	--	--	--	--	--	--
	83-09-07	1203	1.00	30.5	30.0	--	--	--	--	--	--
	83-09-07	1215	3.00	--	--	--	--	--	--	--	--
	83-09-21	1355	1.00	--	29.5	8.2	8.5	40500	1750	--	--
	83-09-21	1356	2.00	--	29.5	8.2	8.5	40600	--	--	--
	83-10-04	1240	1.00	--	--	--	--	E43000	--	--	--
	83-11-15	1105	1.00	--	22.0	6.0	8.3	45600	1850	--	--
	83-11-15	1106	3.50	--	22.0	6.0	8.3	45500	--	--	--
	83-11-15	1107	7.00	--	22.0	6.0	8.3	45600	--	--	9.7
	84-02-15	1630	1.00	--	21.5	7.9	--	48000	700	--	--
	84-02-15	1632	3.00	--	21.5	7.8	--	48000	--	--	31
	84-04-30	1740	1.00	--	28.0	7.2	--	44200	--	--	--
	84-04-30	1741	3.00	--	28.0	7.0	--	44300	--	--	--
	84-04-30	1742	6.00	--	28.0	6.9	--	44300	--	--	--
	84-06-12	1545	1.00	31.5	30.0	5.5	--	46400	1500	4.70	--
	84-06-12	1546	7.00	--	28.5	4.8	--	48400	--	--	--
	84-06-27	1430	1.00	32.5	31.0	9.3	8.5	45800	--	--	--
	84-06-27	1431	5.00	--	31.0	9.5	8.5	45800	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-21	83-09-21	--	--	--	--	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	84-04-30	46	5	4.8	14	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-09-20	54	5	3.5	24	--	--	--	50
	84-09-20	--	--	--	--	--	--	--	--
CH-22	83-03-28	54	--	--	13	--	--	--	50
	83-03-28	--	--	--	--	--	--	--	--
	83-03-28	--	--	--	--	--	--	--	--
	83-06-14	38	--	--	20	--	--	--	50
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-29	49	--	--	--	--	--	--	50
	83-06-29	--	--	--	--	--	--	--	50
	83-07-13	30	--	--	--	--	--	--	50
	83-07-13	--	--	--	--	--	--	--	50
	83-07-27	36	--	--	--	--	--	--	50
	83-07-27	--	--	--	--	--	--	--	50
	83-08-09	27	--	--	--	--	--	--	50
	83-08-09	--	--	--	--	--	--	--	50
	83-08-24	42	--	--	--	--	--	--	50
	83-08-24	--	--	--	--	--	--	--	50
	83-09-07	37	--	--	--	--	--	--	50
	83-09-07	--	--	--	--	--	--	--	--
	83-09-21	>24	--	--	17	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	50
	83-10-04	43	--	--	--	--	--	--	50
	83-11-15	40	--	--	5	--	--	--	50
	83-11-15	--	--	--	--	--	--	--	--
	83-11-15	--	--	--	--	--	--	--	--
	84-02-15	--	5	--	21	--	--	--	50
	84-02-15	--	--	--	--	--	--	--	--
	84-04-30	55	10	3.0	35	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-06-12	52	5	--	18	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-06-27	--	--	--	--	--	--	--	50
	84-06-27	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-22	84-07-18	1320	--	--	--	--	--	--	--	--	--
	84-07-26	1310	1.00	33.0	29.0	6.3	7.9	41300	--	--	--
	84-07-26	1311	5.00	--	29.0	6.3	8.1	41300	--	--	--
	84-08-09	1730	1.00	33.5	33.0	10.0	8.6	43200	--	--	--
	84-08-09	1732	6.00	--	33.0	10.2	8.6	43200	--	--	--
	84-08-23	1102	1.00	--	30.0	7.0	8.3	48700	--	--	--
	84-08-23	1103	3.00	--	30.0	7.2	8.3	48900	--	--	--
	84-09-05	1250	1.00	32.5	30.0	6.1	8.5	41800	--	--	--
	84-09-05	1251	3.00	--	30.5	5.8	8.5	41800	--	--	--
	84-09-20	1530	1.00	--	27.0	7.2	--	47900	1000	--	--
	84-09-20	1531	5.00	--	27.0	7.0	--	48000	--	--	45
	84-09-24	1300	1.00	--	--	--	--	--	--	--	--
	84-09-26	1115	1.00	--	--	--	--	--	--	--	--
	84-09-28	0900	1.00	--	--	--	--	--	--	--	--
	84-10-01	1945	1.00	--	--	--	--	--	--	--	--
	84-10-05	0945	1.00	--	--	--	--	--	--	--	--
	84-10-08	1045	1.00	--	--	--	--	--	--	--	--
	84-10-10	1315	1.00	--	--	--	--	--	--	--	--
	84-10-15	0900	1.00	--	--	--	--	--	--	--	--
	84-10-17	1645	1.00	--	--	--	--	--	--	--	--
CH-23	83-03-28	1545	1.00	--	21.0	7.8	7.8	17400	750	11.0	--
	83-03-28	1546	4.00	--	21.0	7.8	7.8	17600	--	--	--
	83-03-28	1547	8.00	--	20.5	7.9	7.7	23200	--	--	--
	83-06-14	1330	1.00	--	29.0	7.5	8.2	27900	2000	6.00	--
	83-06-14	1331	5.00	--	28.5	7.2	8.1	28100	--	--	--
	83-06-14	1332	9.00	--	28.0	6.7	8.0	29400	--	--	--
	83-09-22	1100	1.00	--	29.0	6.2	8.1	23100	1000	8.10	--
	83-09-22	1101	6.00	--	29.0	5.7	8.1	23500	--	--	--
	83-09-22	1102	12.0	--	29.0	5.8	8.0	23500	--	--	--
	84-05-01	1205	1.00	--	27.5	6.5	--	30400	--	--	--
	84-05-01	1206	4.00	--	27.5	6.3	--	30600	--	--	--
	84-05-01	1207	9.00	--	27.0	5.4	--	32600	--	--	--
	84-09-20	1345	1.00	--	--	--	--	--	--	--	--
CH-24	83-03-28	1230	1.00	--	21.0	7.8	7.7	31300	1000	7.00	--
	83-03-28	1231	5.00	--	20.0	7.6	7.8	37000	--	--	--
	83-03-28	1232	10.0	--	19.5	7.6	7.8	44200	--	--	--
	83-06-14	1115	1.00	--	28.5	8.0	8.2	38800	1650	--	--
	83-06-14	1116	3.00	--	28.5	7.7	8.2	39100	--	--	--
	83-06-14	1117	5.00	--	28.5	7.9	8.2	39200	--	--	9.1
	83-09-22	1030	1.00	--	29.0	6.9	8.2	34900	1640	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	SOLIDS, VOLA-TILE, SUS-PENDED (MG/L)	SAM-PLING METHOD, CODES 1/
CH-22	84-07-18	--	10	--	--	--	--	--	--
	84-07-26	>39	--	--	--	--	--	--	50
	84-07-26	--	--	--	--	--	--	--	--
	84-08-09	48	--	--	--	--	--	--	50
	84-08-09	--	--	--	--	--	--	--	--
	84-08-23	36	--	--	--	--	--	--	50
	84-08-23	--	--	--	--	--	--	--	--
	84-09-05	>36	--	--	--	--	--	--	--
	84-09-05	--	--	--	--	--	--	--	--
	84-09-20	48	5	3.2	28	--	--	--	50
	84-09-20	--	--	--	--	--	--	--	--
	84-09-24	--	--	--	--	--	--	--	50
	84-09-26	--	--	--	--	--	--	--	50
	84-09-28	--	--	--	--	--	--	--	50
	84-10-01	--	--	--	--	--	--	--	50
	84-10-05	--	--	--	--	--	--	--	50
	84-10-08	--	--	--	--	--	--	--	50
	84-10-10	--	--	--	--	--	--	--	50
	84-10-15	--	--	--	--	--	--	--	50
	84-10-17	--	--	--	--	--	--	--	50
CH-23	83-03-28	38	--	--	12	--	--	--	50
	83-03-28	--	--	--	--	--	--	--	--
	83-03-28	--	--	--	--	--	--	--	--
	83-06-14	46	--	--	7	--	--	--	50
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-09-22	52	--	--	9	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	--
	84-05-01	36	30	4.3	29	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-20	71	30	2.0	12	--	--	--	50
CH-24	83-03-28	30	--	--	15	--	--	--	50
	83-03-28	--	--	--	--	--	--	--	--
	83-03-28	--	--	--	--	--	--	--	--
	83-06-14	32	--	--	9	--	--	--	50
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-09-22	43	10	3.8	15	--	--	--	50

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-24	83-09-22	1031	5.00	--	29.0	6.9	8.2	35000	--	--	--
	83-09-22	1032	9.00	--	29.0	6.8	8.2	34900	--	--	12
	84-05-01	1230	1.00	--	27.5	6.3	--	42300	--	--	--
	84-05-01	1231	2.00	--	27.5	6.3	--	42200	--	--	--
	84-05-01	1232	4.00	--	27.5	6.3	--	42300	--	--	--
	84-09-20	1610	1.00	--	--	--	--	--	--	--	--
CH-25	83-03-28	1300	1.00	--	20.5	7.5	7.9	43300	1000	7.00	--
	83-03-28	1301	9.00	--	20.0	7.5	7.9	43700	--	--	--
	83-03-28	1302	18.0	--	20.0	7.8	7.8	43800	--	--	--
	83-06-14	1045	1.00	--	28.0	8.0	8.2	38300	1500	13.5	--
	83-06-14	1046	4.00	--	28.0	7.6	8.2	40000	--	--	--
	83-06-14	1047	8.00	--	28.5	7.0	8.2	43400	--	--	--
	83-06-14	1048	12.0	--	28.5	6.9	8.2	43800	--	--	--
	83-06-14	1049	16.0	--	28.5	6.8	8.2	44500	--	--	--
	83-09-22	1005	1.00	--	29.0	6.5	8.2	31200	320	11.6	--
	83-09-22	1006	8.00	--	29.0	6.4	8.2	32500	--	--	--
	83-09-22	1007	17.0	--	29.0	6.6	8.2	35900	--	--	--
	83-11-15	1155	1.00	--	22.5	5.9	8.2	44800	1850	11.2	--
	83-11-15	1156	9.00	--	22.0	6.0	8.2	46200	--	--	--
	83-11-15	1157	18.0	--	22.0	5.6	8.2	46300	--	--	--
	83-12-15	1000	1.00	--	21.5	7.0	8.0	46000	--	--	--
	83-12-15	1016	19.0	--	21.5	7.2	8.0	47300	--	--	--
	84-02-16	1400	1.00	--	19.0	6.8	--	48900	1900	--	--
	84-02-16	1402	8.00	--	19.0	6.8	--	49000	--	--	--
	84-02-16	1403	11.0	--	19.0	6.7	--	49100	--	--	5.0
	84-05-01	1250	1.00	--	26.5	6.1	--	48200	--	--	--
	84-05-01	1251	7.00	--	26.5	5.9	--	48200	--	--	--
	84-05-01	1252	14.0	--	26.5	5.9	--	48200	--	--	--
	84-06-13	1030	1.00	27.5	28.0	5.6	--	51900	800	9.30	--
	84-06-13	1031	12.0	--	28.0	5.0	--	52000	--	--	--
	84-09-20	1530	1.00	--	--	--	--	--	--	--	--
CH-26	83-06-14	1000	1.00	--	28.5	8.6	8.2	45700	1000	--	--
	83-06-14	1001	5.00	--	28.5	8.3	8.2	47000	--	--	--
	83-06-14	1002	10.0	--	28.0	8.2	8.2	48200	--	--	1.7
	83-09-22	0945	1.00	--	28.5	7.1	8.2	42400	850	--	--
	83-09-22	0946	7.00	--	29.0	6.3	8.2	43700	--	--	--
	83-09-22	0947	14.0	--	29.0	5.5	8.1	44700	--	--	5.9
	84-05-01	1320	1.00	--	26.5	6.1	--	51400	--	--	--
	84-05-01	1321	7.00	--	26.5	5.9	--	51400	--	--	--
	84-05-01	1322	15.0	--	26.5	5.9	--	51300	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	SOLIDS, VOLA-TILE, SUS-PENDED (MG/L)	SAM-PLING METHOD, CODES 1/
CH-24	83-09-22	--	--	--	--	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	--
	84-05-01	36	10	8.4	30	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-20	--	20	4.0	15	--	--	--	50
CH-25	83-03-28	22	--	--	17	--	--	--	50
	83-03-28	--	--	--	--	--	--	--	--
	83-03-28	--	--	--	--	--	--	--	--
	83-06-14	36	--	--	10	--	--	--	50
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-09-22	50	--	--	14	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	--
	83-11-15	50	--	--	3	--	--	--	50
	83-11-15	--	--	--	--	--	--	--	--
	83-11-15	--	--	--	--	--	--	--	--
	83-12-15	--	<5	--	41	--	--	--	50
	83-12-15	--	--	--	--	--	--	--	--
	84-02-16	60	5	--	0	--	--	--	50
	84-02-16	--	--	--	--	--	--	--	--
	84-02-16	--	--	--	--	--	--	--	--
	84-05-01	54	5	6.5	30	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-06-13	60	<5	--	24	--	--	--	--
	84-06-13	--	--	--	--	--	--	--	--
	84-09-20	53	20	3.6	26	--	--	--	50
CH-26	83-06-14	58	--	--	5	32900	--	--	50
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-09-22	66	5	.30	20	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	--
	84-05-01	60	5	1.0	1	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-27	82-12-07	1020	--	30.0	--	--	7.9	--	--	--	--
	82-12-07	1021	1.00	--	24.5	8.2	7.4	38000	--	--	--
	82-12-07	1022	4.00	--	24.5	7.7	7.5	38500	--	--	--
	82-12-07	1023	10.0	--	24.5	6.6	7.4	42900	--	--	--
	82-12-07	1024	16.0	--	24.5	6.4	7.4	43300	--	--	--
	82-12-07	1025	20.0	--	24.5	6.6	7.4	42700	--	--	--
	82-12-16	1100	--	--	--	--	--	--	--	--	--
	82-12-16	1101	--	--	--	--	--	--	--	--	--
	83-03-28	1510	1.00	--	21.0	8.6	7.9	5000	550	--	--
	83-03-28	1511	4.00	--	21.5	9.4	7.8	7000	--	--	9.0
	83-06-14	0915	1.00	--	27.5	8.8	8.0	13400	950	4.20	--
	83-06-14	0916	4.00	--	27.5	8.5	8.0	15000	--	--	--
	83-06-14	0917	8.00	--	28.0	7.6	8.0	21400	--	--	--
	83-06-14	0918	10.0	--	28.0	7.6	8.0	25200	--	--	--
	83-06-14	0919	12.0	--	28.5	7.5	8.0	32700	--	--	--
	83-09-22	1130	1.00	--	29.0	5.8	8.0	13400	950	8.10	--
	83-09-22	1131	6.00	--	30.0	5.6	8.0	13600	--	--	--
	83-09-22	1132	12.0	--	29.0	5.6	8.0	13500	--	--	--
	83-11-15	1250	1.00	--	22.5	5.9	8.1	33300	1850	--	--
	83-11-15	1256	3.00	--	22.5	5.7	8.1	35800	--	--	--
	83-11-15	1257	6.00	--	22.0	5.6	8.1	39000	--	--	5.4
	83-12-15	1100	1.00	--	21.5	6.8	7.9	37500	--	--	--
	83-12-15	1101	4.00	--	21.5	6.7	8.0	39500	--	--	--
	83-12-15	1102	12.0	--	21.5	6.7	8.0	41000	--	--	--
	84-02-16	1050	1.00	--	20.0	6.6	--	32900	1900	--	--
	84-02-16	1052	6.00	--	20.0	6.4	--	33100	--	--	--
	84-02-16	1053	9.50	--	20.0	6.3	--	33100	--	--	5.3
	84-05-01	1415	1.00	--	28.0	6.2	--	40200	--	--	--
	84-05-01	1416	8.00	--	28.0	5.4	--	40800	--	--	--
	84-05-01	1417	15.0	--	27.5	5.5	--	41900	--	--	--
	84-06-13	0950	1.00	28.0	27.5	4.8	--	34500	1100	--	--
	84-06-13	0951	3.00	--	28.0	5.3	--	37500	--	--	--
	84-09-20	1430	1.00	--	--	--	--	--	--	--	--
CH-28	82-12-07	1320	--	32.5	--	--	7.8	--	--	--	--
	82-12-07	1321	1.00	--	25.5	8.4	7.6	22000	--	--	--
	82-12-07	1322	4.00	--	25.5	7.9	7.6	22200	--	--	--
	82-12-07	1323	8.00	--	25.0	7.2	7.6	23100	--	--	--
	82-12-07	1324	12.0	--	24.5	6.2	7.5	26400	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-27	82-12-07	74	20	1.0	--	29700	2	0	40
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	82-12-16	--	0	1.2	--	32500	2	1	10
	82-12-16	--	--	--	--	--	--	--	10
	83-03-28	32	--	--	9	--	--	--	50
	83-03-28	--	--	--	--	--	--	--	--
	83-06-14	44	--	--	4	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-09-22	48	50	1.0	--	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	--
	83-11-15	74	--	--	4	--	--	--	50
	83-11-15	--	--	--	--	--	--	--	--
	83-11-15	--	--	--	--	--	--	--	--
	83-12-15	--	5	--	9	--	--	--	50
	83-12-15	--	--	--	--	--	--	--	--
	83-12-15	--	--	--	--	--	--	--	--
	84-02-16	88	20	--	4	--	--	--	50
	84-02-16	--	--	--	--	--	--	--	--
	84-02-16	--	--	--	--	--	--	--	--
	84-05-01	28	10	10	37	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-06-13	48	25	--	6	--	--	--	--
	84-06-13	--	--	--	--	--	--	--	--
	84-09-20	55	30	4.3	13	--	--	--	50
CH-28	82-12-07	39	40	1.7	--	15200	16	2	40
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-28	82-12-07	1330	--	--	--	--	--	--	--	--	--
	83-02-16	1902	10.0	--	--	--	--	20000	--	--	--
	83-06-14	1515	1.00	--	29.5	7.5	7.6	828	1800	6.20	--
	83-06-14	1516	7.00	--	29.0	7.8	7.5	856	--	--	--
	83-06-14	1517	13.0	--	28.5	6.7	7.5	867	--	--	--
	83-07-18	1540	.50	34.5	32.0	--	--	3300	--	--	--
	83-07-25	1000	.50	30.0	30.0	--	--	8200	--	--	--
	83-08-02	0830	.50	27.5	31.0	--	--	7600	--	--	--
	83-08-02	0831	10.0	--	--	--	--	14000	--	--	--
	83-08-08	1245	.50	30.0	30.0	--	--	6500	--	--	--
	83-08-08	1246	10.0	--	--	--	--	7200	--	--	--
	83-08-23	1225	.50	31.0	31.5	--	--	875	--	--	--
	83-08-23	1226	10.0	--	--	--	--	1430	--	--	--
	83-09-06	0905	.50	26.0	29.0	--	--	360	--	--	--
	83-09-06	0906	10.0	--	--	--	--	360	--	--	--
	83-09-20	1315	.50	30.5	28.5	--	--	510	--	--	--
	83-09-20	1316	10.0	--	--	--	--	480	--	--	--
	83-10-04	1030	.50	26.0	--	--	--	1850	--	--	--
	83-10-04	1031	10.0	--	--	--	--	5900	--	--	--
	83-10-18	1230	.50	27.0	29.0	--	--	800	--	--	--
	83-10-18	1231	10.0	--	--	--	--	6000	--	--	--
	83-11-07	1020	1.00	23.0	22.5	--	--	5100	--	--	--
	83-11-07	1022	10.0	--	--	--	--	11000	--	--	--
	83-12-14	0900	1.00	21.0	22.0	--	--	13000	--	--	--
	83-12-14	0901	10.0	--	--	--	--	21000	--	--	--
	84-02-16	0900	1.00	18.0	20.5	7.8	--	13000	--	--	--
	84-02-16	0901	10.0	--	--	--	--	20000	--	--	--
	84-05-09	0940	.50	22.5	27.5	--	--	--	--	--	--
	84-06-14	1415	1.00	28.0	27.0	--	--	10000	--	--	--
	84-08-28	0915	1.00	26.5	28.5	--	--	430	--	--	--
	84-08-28	0916	10.0	--	--	--	--	440	--	--	--
CH-29	83-09-21	0915	1.00	--	--	3.6	6.2	--	1100	2.70	--
	83-09-21	0916	5.50	--	--	4.2	6.2	--	--	--	--
	83-11-14	1545	1.00	--	22.0	6.3	7.0	640	1050	3.90	--
	83-11-14	1546	3.50	--	22.0	5.4	7.0	1680	--	--	--
	83-11-14	1547	7.00	--	22.0	5.1	7.0	2950	--	--	--
	83-12-14	1635	1.00	25.0	21.0	7.3	7.2	1960	100	2.80	--
	83-12-14	1636	8.50	--	21.5	7.2	7.2	2780	--	--	--
	84-02-14	1355	1.00	--	20.5	6.8	--	5030	1750	6.50	--
	84-02-14	1356	6.50	--	19.5	6.6	--	5960	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
CH-28	82-12-07	--	--	--	--	--	--	--	8010
	83-02-16	--	--	--	--	--	--	--	--
	83-06-14	30	--	--	11	--	--	--	50
	83-06-14	--	--	--	--	--	--	--	--
	83-06-14	--	--	--	--	--	--	--	--
	83-07-18	--	--	--	--	--	--	--	--
	83-07-25	--	--	--	--	--	--	--	--
	83-08-02	--	--	--	--	--	--	--	--
	83-08-02	--	--	--	--	--	--	--	--
	83-08-08	--	--	--	--	--	--	--	--
	83-08-08	--	--	--	--	--	--	--	--
	83-08-23	--	--	--	--	--	--	--	--
	83-08-23	--	--	--	--	--	--	--	--
	83-09-06	--	--	--	--	--	--	--	--
	83-09-06	--	--	--	--	--	--	--	--
	83-09-20	--	100	2.2	--	332	--	--	50
	83-09-20	--	--	--	--	--	--	--	--
	83-10-04	--	--	--	--	--	--	--	--
	83-10-04	--	--	--	--	--	--	--	--
	83-10-18	--	--	--	--	--	--	--	--
	83-10-18	--	--	--	--	--	--	--	--
	83-11-07	--	--	--	5	--	--	--	50
	83-11-07	--	--	--	--	--	--	--	--
	83-12-14	--	40	--	10	--	--	--	50
	83-12-14	--	--	--	--	--	--	--	--
	84-02-16	41	50	--	6	--	--	--	50
	84-02-16	--	--	--	--	--	--	--	50
	84-05-09	--	40	--	1	--	--	--	--
	84-06-14	--	55	--	5	--	--	--	--
	84-08-28	--	100	2.5	2	285	--	--	--
	84-08-28	--	--	--	--	--	--	--	50
CH-29	83-09-21	--	180	1.5	16	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-11-14	31	--	--	4	--	--	--	50
	83-11-14	--	--	--	--	--	--	--	--
	83-11-14	--	--	--	--	--	--	--	--
	83-12-14	31	70	--	10	--	--	--	50
	83-12-14	--	--	--	--	--	--	--	--
	84-02-14	31	80	--	7	--	--	--	50
	84-02-14	--	--	--	--	--	--	--	50

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
CH-29	84-04-30	1700	1.00	32.0	31.0	--	--	--	1100	2.50	--
	84-04-30	1701	4.00	--	30.5	--	--	--	--	--	--
	84-04-30	1702	7.00	--	30.0	--	--	--	--	--	--
	84-06-12	1045	1.00	29.5	29.0	3.1	--	6350	5500	1.60	--
	84-06-12	1046	9.00	--	29.0	2.8	--	10000	--	--	--
	84-06-12	1047	5.00	--	29.0	2.9	--	7650	--	--	--
	84-09-19	1320	1.00	--	28.0	5.3	--	--	220	3.00	--
	84-09-19	1321	7.00	--	28.0	4.9	--	--	--	--	--
	84-09-19	1322	10.0	--	27.5	4.5	--	--	--	--	--
CH-30	83-09-22	1120	1.00	27.5	30.5	7.8	7.7	24700	1800	--	--
	83-09-22	1121	2.00	--	--	--	--	25200	--	--	--
	83-09-22	1122	8.00	--	29.0	5.3	7.6	27400	--	--	1.9
	83-09-22	1145	1.00	--	--	--	--	--	--	--	--
	83-11-14	1210	1.00	--	22.0	6.8	8.1	37600	2100	--	--
	83-11-14	1211	3.50	--	22.0	6.2	8.1	38300	--	--	--
	83-11-14	1212	7.00	--	22.5	5.8	8.0	38900	--	--	9.5
	83-12-14	1110	1.00	--	20.5	8.5	8.1	41400	1200	--	2.0
	83-12-14	1111	8.00	--	21.0	8.6	8.1	41500	--	--	--
	84-02-15	1010	1.00	--	18.5	7.8	--	40200	990	--	--
	84-02-15	1012	4.00	--	18.5	6.5	--	41700	--	--	--
	84-02-15	1013	7.50	--	18.5	6.2	--	41600	--	--	13
	84-05-01	1030	1.00	--	28.0	--	--	36600	1750	--	--
	84-05-01	1031	6.00	--	28.0	--	--	37700	--	--	28
	84-06-12	1245	1.00	31.5	28.5	4.9	--	44400	1900	--	--
	84-06-12	1246	12.0	--	28.5	4.3	--	44500	--	--	18
	84-09-18	1255	1.00	--	28.5	5.3	--	39400	--	--	--
	84-09-18	1256	4.00	--	28.5	5.2	--	40200	--	--	--
	84-09-18	1257	8.00	--	28.5	5.2	--	40200	--	--	--
MK-70											
	82-12-07	1130	--	30.5	--	--	7.8	--	--	--	--
	82-12-07	1131	2.00	--	25.0	8.3	7.6	28700	--	--	--
	82-12-07	1132	6.00	--	25.0	8.2	7.6	31100	--	--	--
	82-12-07	1133	10.0	--	24.5	7.2	7.5	33800	--	--	--
	82-12-07	1134	14.0	--	24.5	7.0	7.5	34400	--	--	--
	83-03-28	1430	1.00	--	21.5	8.7	8.5	518	1300	8.00	--
	83-03-28	1431	10.0	--	21.0	8.2	8.3	497	--	--	--
	83-03-28	1432	21.0	--	21.0	8.2	8.3	494	--	--	--
S-15	83-09-21	1505	1.00	30.5	29.0	7.6	7.9	14000	2400	6.60	--
	83-09-21	1506	6.00	--	28.0	4.5	7.7	28000	--	--	--

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	TUR-BID-ITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUS-PENDED (MG/L)	SOLIDS, VOLA-TILE, SUS-PENDED (MG/L)	SAM-PLING METHOD, CODES 1/
CH-29	84-04-30	28	70	.80	6	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-04-30	--	--	--	--	--	--	--	--
	84-06-12	23	80	--	3	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-09-19	24	120	3.8	15	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
CH-30	83-09-22	44	40	.30	17	--	--	--	50
	83-09-22	--	--	--	--	--	--	--	--
	83-09-22	--	--	--	--	--	--	--	--
	83-09-22	--	--	--	--	--	--	--	50
	83-11-14	82	--	--	2	--	--	--	--
	83-11-14	--	--	--	--	--	--	--	50
	83-11-14	--	--	--	--	--	--	--	--
	83-12-14	90	5	--	15	--	--	--	50
	83-12-14	--	--	--	--	--	--	--	--
	84-02-15	74	20	--	7	--	--	--	--
	84-02-15	--	--	--	--	--	--	--	--
	84-02-15	--	--	--	--	--	--	--	--
	84-05-01	66	20	1.3	14	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-06-12	>154	10	--	1	--	--	--	--
	84-06-12	--	--	--	--	--	--	--	--
	84-09-18	78	20	2.1	8	--	--	--	50
	84-09-18	--	--	--	--	--	--	--	--
	84-09-18	--	--	--	--	--	--	--	--
MK-70									
	82-12-07	64	20	.70	--	24000	3	0	40
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	82-12-07	--	--	--	--	--	--	--	--
	83-03-28	46	--	--	7	--	--	--	--
	83-03-28	--	--	--	--	--	--	--	--
	83-03-28	--	--	--	--	--	--	--	--
S-15	83-09-21	38	--	--	9	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--

Footnote is at end of table

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	LIGHT INCIDENT PERCENT REMAINING AT DEPTH
S-15	83-09-21	1507	10.0	--	28.0	6.0	7.7	28600	--	--	--
	83-09-21	1508	14.5	--	28.0	3.7	7.6	28700	--	--	--
	84-05-01	1340	1.00	30.5	28.0	--	--	28700	2000	--	--
	84-05-01	1341	3.00	--	28.0	--	--	29400	--	--	--
	84-05-01	1342	7.00	--	27.0	--	--	29500	--	--	2.5
	84-09-19	1530	1.00	--	27.0	--	--	--	350	--	--
	84-09-19	1531	6.00	--	27.0	--	--	--	--	--	--
	84-09-19	1532	9.00	--	27.0	--	--	--	--	--	11
S-19	83-09-21	1430	1.00	30.0	30.0	7.8	7.9	18400	2500	7.00	--
	83-09-21	1431	6.00	--	28.0	4.1	7.7	28700	--	--	--
	83-09-21	1432	8.00	--	28.0	5.6	7.8	26200	--	--	--
	84-05-01	1400	1.00	31.0	29.5	--	--	31000	1900	--	--
	84-05-01	1401	7.00	--	28.0	--	--	32200	--	--	5.8
	84-05-01	1402	13.0	--	27.5	--	--	35300	--	--	--
	84-09-19	1620	1.00	--	27.0	--	--	--	200	--	--
	84-09-19	1621	6.00	--	27.0	--	--	--	--	--	--
	84-09-19	1622	8.00	--	27.0	--	--	--	--	--	7.0
S-20	83-09-21	1405	.50	31.0	30.0	9.4	8.1	25300	2500	--	--
	83-09-21	1406	3.50	--	30.0	9.4	8.1	25800	--	--	13
	84-05-01	1430	1.00	30.5	30.0	--	--	29800	1750	--	--
	84-05-01	1431	3.00	--	30.0	--	--	31800	--	--	--
	84-05-01	1432	7.00	--	29.5	--	--	31900	--	--	5.1
	84-09-19	1645	1.00	--	27.0	--	--	--	150	--	--
	84-09-19	1646	5.00	--	27.0	--	--	--	--	--	7.3

Table 13.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	TURBIDITY (NTU)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L)	SOLIDS, RESIDUE AT 105 DEG. C, SUSPENDED (MG/L)	SOLIDS, VOLATILE, SUSPENDED (MG/L)	SAMPLING METHOD, CODES 1/
S-15	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	84-05-01	64	30	1.1	10	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-19	24	40	8.5	41	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
S-19	83-09-21	38	--	--	7	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	83-09-21	--	--	--	--	--	--	--	--
	84-05-01	72	30	1.0	14	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-19	60	25	2.0	6	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--
	84-09-19	--	--	--	--	--	--	--	--
S-20	83-09-21	40	--	--	14	--	--	--	50
	83-09-21	--	--	--	--	--	--	--	--
	84-05-01	72	30	1.0	14	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-05-01	--	--	--	--	--	--	--	--
	84-09-19	60	25	2.0	10	--	--	--	50
	84-09-19	--	--	--	--	--	--	--	--

1/ SAMPLING METHOD CODES:

10 -- Composite sample, depth-integrated and collected at equal width increments across a transect
40 -- Depth-integrated sample, multiple verticals, collected at one location
50 -- Point sample, collected at a particular depth

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
CH-01	82-12-10	0930	.79	--	.73	--	.030	--	.02	--	.010
	83-03-09	1755	.98	--	.87	--	.071	--	.03	--	.011
	83-09-20	1430	--	--	--	.67	--	.010	--	.01	--
	83-11-14	1405	--	.79	--	.70	--	.010	--	.07	--
	83-12-14	1435	--	--	--	.52	--	.060	--	.06	--
	84-01-18	1340	.92	--	.83	--	.030	--	.05	--	.010
	84-02-14	1650	--	--	.67	.57	.050	.040	--	--	--
	84-04-30	1405	--	--	.78	.77	.030	.030	--	--	.010
	84-06-11	1330	--	--	.98	.50	.020	.020	--	--	<.010
	84-09-19	1330	.94	--	.89	.71	.030	.030	--	--	<.010
CH-02	82-12-15	1300	--	--	.64	--	.050	.050	--	.05	--
	83-03-09	1720	.95	--	.81	--	.061	--	.06	--	.021
	83-06-13	1420	--	--	.75	--	.030	--	--	--	<.010
	83-09-20	1630	--	--	--	.70	--	.020	--	.06	--
	83-11-14	1335	--	.49	--	.45	--	.020	--	.01	--
	83-12-14	1350	--	--	--	.40	--	.060	--	--	--
	84-01-18	1500	.60	--	.54	--	.030	--	--	--	<.010
	84-02-14	1720	--	--	.53	--	.040	.040	--	--	--
	84-04-30	1500	--	--	.70	.54	.030	.030	--	--	.010
	84-06-11	1415	--	--	.60	.43	.030	.030	--	--	<.010
	84-09-19	1400	1.2	--	1.1	.66	.090	.080	.01	.01	.010
CH-03	83-03-09	1645	1.1	--	.87	--	.061	--	.10	--	.021
	83-06-13	1400	--	--	.68	--	.030	--	--	--	<.010
	83-09-20	1715	.83	--	--	--	--	--	--	--	--
	84-04-30	1540	--	--	.60	.57	.030	.030	--	--	<.010
	84-09-19	1500	1.0	--	.96	.60	.040	.040	--	--	<.010
CH-04	82-12-14	1030	--	--	.66	--	.100	.100	--	.30	--
	82-12-14	1031	--	--	--	--	--	--	--	--	--
	83-06-13	1230	.84	--	.77	--	.050	--	.01	--	.010
	83-06-13	1300	.87	--	.82	--	.040	--	.00	--	.010
	83-09-21	1015	--	--	--	.80	--	.020	--	.21	--
	83-09-21	1045	--	--	--	.90	--	.020	--	.21	--
	83-11-14	1505	--	.80	--	.61	--	.020	--	.16	--
	83-12-14	1550	--	--	--	.44	--	.060	--	--	--
	84-01-18	0910	1.2	--	.93	--	.020	--	.26	--	.010
	84-02-14	1505	--	--	.83	.60	.030	.030	--	--	--
	84-02-14	1530	--	.55	.63	.50	.030	.030	--	--	--
	84-05-01	1645	--	--	.84	.65	.020	.020	--	--	<.010
	84-06-11	1500	--	--	.55	.49	.030	.030	--	--	<.010
	84-07-10	1240	.89	--	.66	--	.080	--	.14	--	.010

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
CH-01	82-12-10	--	.76	--	.03	--	.170	--	.120	--	14
	83-03-09	--	.94	--	.04	--	.271	--	.201	--	--
	83-09-20	.020	.76	.68	--	.03	.170	.140	.140	.120	18
	83-11-14	.010	.84	.71	--	.08	.180	.160	.110	.110	16
	83-12-14	.010	.77	.58	--	.07	.180	.110	.150	.110	13
	84-01-18	--	.86	--	.06	--	.250	--	.210	--	--
	84-02-14	<.010	.72	.61	--	.02	.220	.190	.180	.160	13
	84-04-30	.010	.81	.80	<.02	<.02	.230	.170	.180	.150	14
	84-06-11	<.010	1.0	.52	<.02	<.02	.260	.170	.110	.100	11
	84-09-19	<.010	.92	.74	.02	.02	.230	.200	.180	.170	9.6
CH-02	82-12-15	.010	.69	--	--	.06	.260	.210	--	.200	9.0
	83-03-09	--	.87	--	.08	--	.251	--	.201	--	18
	83-06-13	--	.78	--	<.01	--	.410	--	.340	--	8.4
	83-09-20	.010	.82	.72	--	.07	.240	.220	.200	.190	17
	83-11-14	.010	.69	.47	--	.02	.220	.190	.150	.140	8.4
	83-12-14	<.010	.74	.46	--	.02	.240	.170	.200	.170	7.1
	84-01-18	--	.57	--	.03	--	.230	--	.200	--	--
	84-02-14	<.010	.57	--	--	<.02	.210	.200	.190	.180	8.7
	84-04-30	<.010	.73	.57	<.02	<.02	.260	.220	.220	.200	8.2
	84-06-11	<.010	.63	.46	<.02	<.02	.250	.230	.210	.210	7.2
	84-09-19	.010	1.2	.74	.02	.02	.350	.240	.220	.200	7.5
CH-03	83-03-09	--	.93	--	.12	--	.291	--	.251	--	16
	83-06-13	--	.71	--	<.01	--	.410	--	.360	--	7.3
	83-09-20	--	.78	--	.05	--	.280	--	--	--	15
	84-04-30	<.010	.63	.60	<.02	<.02	.230	.210	.210	.200	9.9
	84-09-19	<.010	1.0	.64	.01	.01	.320	.230	.210	.200	7.0
CH-04	82-12-14	.010	.76	--	--	.31	.980	.890	--	.890	10
	82-12-14	--	--	--	--	--	--	--	--	--	--
	83-06-13	--	.82	--	.02	--	.700	--	.630	--	9.0
	83-06-13	--	.86	--	.01	--	.600	--	.510	--	8.6
	83-09-21	.010	.94	.82	--	.22	.650	.480	.470	.450	19
	83-09-21	.010	1.3	.92	--	.22	.630	.540	.470	.470	20
	83-11-14	.010	.78	.63	--	.17	.520	.460	.410	.400	10
	83-12-14	<.010	.76	.50	--	.02	.340	.280	.320	.280	7.8
	84-01-18	--	.95	--	.27	--	.540	--	.420	--	--
	84-02-14	<.010	.86	.63	--	<.02	.450	.410	.390	.370	12
	84-02-14	<.010	.66	.53	--	<.02	.340	--	.280	.260	9.1
	84-05-01	<.010	.86	.67	<.02	<.02	.370	.320	.330	.310	9.9
	84-06-11	<.010	.58	.52	<.02	<.02	.330	.310	.280	.270	7.6
	84-07-10	--	.74	--	.15	--	.420	--	.360	--	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
CH-01	82-12-10	--	--	--	1.70	<.100	.8
	83-03-09	--	.00	1.9	--	--	--
	83-09-20	20	--	4.8	4.30	.900	--
	83-11-14	15	--	4.2	9.80	<.100	--
	83-12-14	13	--	3.0	4.30	<.100	--
	84-01-18	--	--	--	--	--	--
	84-02-14	13	--	1.7	4.30	<.100	--
	84-04-30	--	--	2.1	2.80	<.100	--
	84-06-11	--	--	2.0	2.50	<.100	--
	84-09-19	--	--	2.8	5.00	<.100	--
CH-02	82-12-15	--	--	.7	7.90	<.100	--
	83-03-09	--	.00	1.9	--	--	--
	83-06-13	--	--	2.0	8.70	<.100	--
	83-09-20	17	--	.2	9.00	<.100	--
	83-11-14	8.4	--	3.3	9.10	<.100	--
	83-12-14	6.8	--	2.8	7.90	1.30	--
	84-01-18	--	--	--	--	--	--
	84-02-14	8.7	--	1.3	2.50	<.100	--
	84-04-30	--	--	2.1	1.90	<.100	--
	84-06-11	--	--	.5	1.20	<.100	--
	84-09-19	--	--	1.3	16.0	<.100	--
CH-03	83-03-09	--	.10	2.4	--	--	--
	83-06-13	--	.20	1.3	--	--	--
	83-09-20	15	--	5.6	11.0	<.100	--
	84-04-30	--	--	2.1	2.00	<.100	--
	84-09-19	--	--	.5	5.50	<.100	--
CH-04	82-12-14	--	--	3.2	2.80	<.100	--
	82-12-14	--	--	--	--	<.100	--
	83-06-13	--	.20	1.8	5.40	<.100	--
	83-06-13	--	.30	1.6	7.30	<.100	--
	83-09-21	19	--	.2	4.50	<.100	--
	83-09-21	--	--	.2	--	--	--
	83-11-14	8.6	--	4.6	13.0	1.50	--
	83-12-14	8.1	--	2.6	5.70	<.100	--
	84-01-18	--	--	--	--	--	--
	84-02-14	12	--	1.7	30.0	<.100	--
	84-02-14	9.1	--	1.5	11.0	<.100	--
	84-05-01	--	--	2.6	6.50	<.100	--
	84-06-11	--	--	.3	<.100	<.100	--
	84-07-10	--	--	--	--	--	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
CH-04	84-09-19	1430	1.5	--	1.4	.78	.040	.040	.09	.09	.010
CH-05	83-03-10	1000	1.3	--	.98	--	.071	--	.25	--	.021
	83-08-23	1615	.94	--	.91	--	.020	--	.00	--	.010
	83-09-21	1120	4.9	--	--	--	--	--	--	--	--
	84-05-01	1610	--	--	.74	.56	.020	.020	--	--	<.010
	84-07-10	1150	--	--	.52	--	.040	--	--	--	<.010
	84-09-19	1300	.78	--	.72	.58	.040	.040	.01	.01	.010
CH-06	82-12-14	1530	--	--	.55	--	.030	.030	--	.01	--
	83-03-09	1200	1.2	--	.89	--	.081	--	.16	--	.021
	83-03-09	1245	1.1	--	.89	--	.081	--	.15	--	.021
	83-06-13	1420	--	--	.66	--	.030	--	--	--	<.010
	83-06-13	1435	.98	--	.86	--	.100	--	.00	--	.020
	83-06-29	1245	--	--	--	--	.030	--	--	--	.020
	83-07-13	1100	--	--	--	--	.030	--	--	--	<.010
	83-07-27	1245	--	--	--	--	.050	--	--	--	<.010
	83-08-10	1515	--	--	--	--	.050	--	--	--	<.010
	83-08-23	1015	--	--	--	--	.030	--	--	--	.020
	83-09-06	1745	--	--	--	--	.040	--	--	--	<.010
	83-09-21	1220	--	--	--	.72	--	.020	--	.08	--
	83-09-21	1250	--	--	--	.49	--	.210	--	.01	--
	83-10-05	1600	--	--	--	--	.030	--	--	--	<.010
	83-11-14	1305	--	--	--	.03	--	.650	--	--	--
	83-12-14	1300	--	--	--	.36	--	.060	--	--	--
	84-02-14	1800	--	--	.47	.44	.030	.030	--	--	--
	84-05-01	1540	.82	--	.77	.59	.030	.030	--	--	<.010
	84-06-12	1140	--	--	.46	.45	.030	.030	--	--	<.010
	84-06-27	1700	--	--	.29	--	.110	--	--	--	<.010
	84-07-10	1130	--	--	.63	--	.050	--	--	--	<.010
	84-07-17	1307	--	--	--	--	--	--	--	--	--
	84-07-26	1051	--	--	--	--	<.010	--	--	--	<.010
	84-08-09	1545	--	--	--	--	<.010	--	--	--	<.010
	84-08-24	1130	--	--	1.5	--	.030	--	--	--	<.010
	84-09-19	1520	.89	--	.84	.70	.040	.040	.00	--	.010
	84-09-24	1050	--	--	.77	--	.020	--	--	--	<.010
	84-09-26	0845	--	--	.83	--	.030	--	--	--	<.010
	84-09-28	0950	--	--	.76	--	.030	--	--	--	<.010
	84-10-01	1105	.85	--	.80	--	.040	--	--	--	<.010
	84-10-03	0930	.92	--	.88	--	.030	--	--	--	<.010
	84-10-05	0900	.86	--	.82	--	.030	--	--	--	<.010
	84-10-10	0814	.85	--	.80	--	.040	--	.00	--	.010

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
CH-04	84-09-19	.010	1.4	.82	.10	.10	.550	.410	.390	.370	8.5
CH-05	83-03-10	--	1.1	--	.27	--	.631	--	.551	--	21
	83-08-23	--	.93	--	.01	--	.520	--	.450	--	--
	83-09-21	--	4.8	--	.11	--	.690	--	--	--	38
	84-05-01	<.010	.76	.58	<.02	<.02	.260	.230	.240	.220	9.1
	84-07-10	--	.56	--	<.02	--	.360	--	.310	--	--
	84-09-19	.010	.76	.62	.02	.02	.260	.210	.190	.180	4.5
CH-06	82-12-14	.010	.58	--	--	.02	.220	.200	--	.180	7.0
	83-03-09	--	.97	--	.18	--	.421	--	.371	--	16
	83-03-09	--	.97	--	.17	--	.391	--	.341	--	15
	83-06-13	--	.69	--	<.01	--	.320	--	.290	--	7.9
	83-06-13	--	.96	--	.02	--	.560	--	.300	--	6.3
	83-06-29	--	--	--	<.10	--	--	--	--	--	--
	83-07-13	--	--	--	<.10	--	--	--	--	--	--
	83-07-27	--	--	--	<.10	--	--	--	--	--	--
	83-08-10	--	--	--	<.10	--	--	--	--	--	--
	83-08-23	--	--	--	<.10	--	--	--	--	--	--
	83-09-06	--	--	--	<.10	--	--	--	--	--	--
	83-09-21	.010	1.2	.74	--	.09	.440	.370	.360	.330	15
	83-09-21	.020	.90	.70	--	.03	.270	.240	.220	.210	11
	83-10-05	--	--	--	<.10	--	--	--	--	--	--
	83-11-14	<.010	.69	.68	--	<.02	.260	.220	.190	.180	5.6
	83-12-14	<.010	.51	.42	--	.02	.180	.150	.170	.150	6.1
	84-02-14	<.010	.50	.47	--	<.02	.200	.190	.160	.150	7.7
	84-05-01	<.010	.80	.62	.02	<.02	.230	.210	.220	.210	7.8
	84-06-12	<.010	.49	.48	<.02	<.02	.230	.220	.190	.190	6.9
	84-06-27	--	.40	--	<.10	--	.220	--	--	--	--
	84-07-10	--	.68	--	<.02	--	.330	--	.280	--	--
	84-07-17	--	--	--	--	--	--	--	--	--	--
	84-07-26	--	1.1	--	<.10	--	.350	--	--	--	--
	84-08-09	--	.80	--	<.10	--	.400	--	--	--	--
	84-08-24	--	1.5	--	<.10	--	.320	--	--	--	--
	84-09-19	.010	.88	.74	.01	--	.290	.240	.210	.200	5.0
	84-09-24	--	.79	--	<.01	--	.210	--	--	--	--
	84-09-26	--	.86	--	<.01	--	.210	--	--	--	--
	84-09-28	--	.79	--	<.01	--	.180	--	--	--	--
	84-10-01	--	.84	--	.01	--	.190	--	--	--	--
	84-10-03	--	.91	--	.01	--	.200	--	--	--	--
	84-10-05	--	.85	--	.01	--	.170	--	--	--	--
	84-10-10	--	.84	--	.01	--	.180	--	--	--	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
CH-04	84-09-19	--	--	4.2	24.0	<.100	--
CH-05	83-03-10	--	.00	2.6	--	--	--
	83-08-23	--	--	--	--	--	--
	83-09-21	18	--	5.6	170	<.100	--
	84-05-01	--	--	2.4	5.50	<.100	--
	84-07-10	--	--	--	--	--	--
	84-09-19	--	--	1.9	5.50	<.100	--
CH-06	82-12-14	--	--	.4	14.0	<.100	--
	83-03-09	--	.00	2.6	--	--	--
	83-03-09	--	.00	2.6	--	--	--
	83-06-13	--	--	1.1	5.40	<.100	--
	83-06-13	--	--	2.2	7.90	<.100	--
	83-06-29	--	--	2.2	4.70	<.100	--
	83-07-13	--	--	4.3	5.00	<.100	--
	83-07-27	--	--	4.3	12.0	<.100	--
	83-08-10	--	--	4.5	14.0	<.100	--
	83-08-23	--	--	5.7	--	--	--
	83-09-06	--	--	5.7	42.0	<.100	--
	83-09-21	--	--	5.9	34.0	<.100	--
	83-09-21	8.2	--	.2	2.30	<.100	--
	83-10-05	--	--	2.9	19.0	.600	--
	83-11-14	6.1	--	2.8	9.70	<.100	--
	83-12-14	4.4	--	2.4	3.90	<.100	--
	84-02-14	7.7	--	1.1	2.50	<.100	--
	84-05-01	--	--	1.9	3.40	<.100	--
	84-06-12	--	--	.5	.600	<.100	--
	84-06-27	--	--	.5	1.00	<.100	--
	84-07-10	--	--	--	--	--	--
	84-07-17	--	--	--	5.20	<.100	--
	84-07-26	--	--	.3	14.0	<.100	--
	84-08-09	--	--	3.2	5.40	<.100	--
	84-08-24	--	--	.1	7.10	<.100	--
	84-09-19	--	--	.9	5.00	<.100	--
	84-09-24	--	--	--	--	--	--
	84-09-26	--	--	--	--	--	--
	84-09-28	--	--	--	--	--	--
	84-10-01	--	--	--	--	--	--
	84-10-03	--	--	--	--	--	--
	84-10-05	--	--	--	--	--	--
	84-10-10	--	--	--	--	--	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
CH-06	84-10-15	1000	--	--	.81	--	.050	--	--	--	<.010
	84-10-17	1045	.69	--	.66	--	.020	--	.00	--	.010
CH-07	83-03-09	1105	.80	--	.71	--	.041	--	.04	--	.011
	83-06-13	1349	.61	--	.55	--	.050	--	.00	--	.010
	83-09-21	1340	1.3	--	--	--	--	--	--	--	--
	84-05-01	1500	--	--	.69	.50	.030	.030	--	--	<.010
	84-07-17	1137	--	--	--	--	--	--	--	--	--
	84-09-19	1220	1.2	--	.99	.60	.110	.100	.05	.00	.010
CH-08	83-03-09	1400	.89	--	.68	--	.061	--	.13	--	.021
	83-06-15	0945	.71	--	.66	--	.040	--	.00	--	.010
	83-09-21	1545	.84	--	--	--	--	--	--	--	--
	84-05-01	1300	--	--	.61	.60	.030	.030	--	--	<.010
	84-09-19	1545	1.2	--	1.2	--	.020	--	.00	--	.010
CH-09	83-03-09	1555	.96	--	.82	--	.041	--	.08	--	.021
	83-06-15	0925	.67	--	.61	--	.050	--	--	--	<.010
	83-09-21	1615	.76	--	--	--	--	--	--	--	--
	83-11-14	1155	--	.36	--	.29	--	.050	--	.01	--
	83-12-14	1215	--	--	--	.29	--	.060	--	--	--
	84-01-16	1530	--	--	.32	--	.030	--	--	--	<.010
	84-01-16	1615	--	--	.34	--	.020	--	--	--	<.010
	84-02-15	1050	--	--	.43	--	.030	--	--	--	--
	84-05-01	1220	--	--	.59	.43	.030	.030	--	--	<.010
	84-06-12	1215	--	--	.37	.26	.040	.040	--	--	<.010
	84-09-19	1600	.73	--	.69	.53	.030	.030	.00	--	.010
CH-10	83-06-15	0830	.51	--	.45	--	.050	--	.00	--	.010
	83-09-21	1635	.87	--	--	--	--	--	--	--	--
	84-05-01	1200	--	--	.48	.46	.030	.030	--	--	<.010
	84-09-19	1630	.83	--	.79	--	.030	--	--	--	<.010
CH-11	82-12-15	1000	--	--	.45	--	.030	.020	--	.01	--
	83-03-09	1530	.57	--	.33	--	.181	--	.04	--	.021
	83-03-09	1545	.52	--	.28	--	.181	--	.04	--	.021
	83-06-15	1015	.46	--	.41	--	.040	--	.00	--	.010
	83-06-15	1030	.46	--	.40	--	.050	--	.00	--	.010
	83-06-29	1020	--	--	--	--	--	--	--	--	--
	83-07-13	1200	--	--	--	--	.060	--	--	--	<.010
	83-07-27	1130	--	--	--	--	.060	--	--	--	<.010
	83-08-10	1630	--	--	--	--	.100	--	--	--	<.010
	83-08-23	1130	--	--	--	--	.070	--	--	--	<.010
	83-09-06	1845	--	--	--	--	.060	--	--	--	<.010
	83-09-22	1210	--	--	--	.41	--	.040	--	.00	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
CH-06	84-10-15	--	.86	--	<.01	--	.200	--	--	--	--
	84-10-17	--	.68	--	.01	--	.160	--	--	--	--
CH-07	83-03-09	--	.75	--	.05	--	.291	--	.251	--	12
	83-06-13	--	.60	--	.01	--	.210	--	.180	--	7.2
	83-09-21	--	1.3	--	.02	--	.330	--	--	--	12
	84-05-01	<.010	.72	.53	<.02	<.02	.200	.170	.180	.170	7.7
	84-07-17	--	--	--	--	--	--	--	--	--	--
	84-09-19	.010	1.1	.70	.06	.01	.240	.200	.180	.170	7.0
CH-08	83-03-09	--	.74	--	.15	--	.301	--	.271	--	13
	83-06-15	--	.70	--	.01	--	.330	--	.280	--	7.2
	83-09-21	--	.82	--	.02	--	.310	--	--	--	14
	84-05-01	<.010	.64	.63	<.02	<.02	.180	.160	.160	.160	6.4
	84-09-19	.010	1.2	1.2	.01	--	.320	.220	.180	.180	8.6
CH-09	83-03-09	--	.86	--	.10	--	.321	--	.241	--	13
	83-06-15	--	.66	--	.01	--	.170	--	.150	--	5.3
	83-09-21	--	.74	--	.02	--	.290	--	--	--	10
	83-11-14	<.010	.52	.34	--	<.02	.180	.160	.110	.110	5.0
	83-12-14	<.010	.50	.35	--	.02	.110	.100	.110	.100	3.8
	84-01-16	--	.35	--	<.02	--	.180	--	.150	--	--
	84-01-16	--	.36	--	<.02	--	.130	--	.120	--	--
	84-02-15	<.010	.46	.46	--	<.02	.160	.150	.130	.120	6.2
	84-05-01	<.010	.62	.46	<.02	<.02	.140	.130	.130	.130	7.1
	84-06-12	<.010	.41	.30	<.02	<.02	.160	.150	.140	.140	5.0
	84-09-19	<.010	.72	.56	.01	<.01	.200	.180	.160	.140	5.0
CH-10	83-06-15	--	.50	--	.01	--	.150	--	.120	--	4.0
	83-09-21	--	.86	--	.01	--	.220	--	--	--	8.9
	84-05-01	.010	.51	.49	<.02	<.02	.120	.110	.120	.110	6.9
	84-09-19	<.010	.82	--	.01	--	.230	.190	.180	.160	5.4
CH-11	82-12-15	.000	.48	--	--	.01	.130	.110	--	.100	5.7
	83-03-09	--	.51	--	.06	--	.141	--	.111	--	7.5
	83-03-09	--	.46	--	.06	--	.131	--	.121	--	7.8
	83-06-15	--	.45	--	.01	--	.120	--	.090	--	3.2
	83-06-15	--	.45	--	.01	--	.100	--	.090	--	2.5
	83-06-29	--	--	--	--	--	--	--	--	--	--
	83-07-13	--	--	--	<.10	--	--	--	--	--	--
	83-07-27	--	--	--	<.10	--	--	--	--	--	--
	83-08-10	--	--	--	<.10	--	--	--	--	--	--
	83-08-23	--	--	--	<.10	--	--	--	--	--	--
	83-09-06	--	--	--	<.10	--	--	--	--	--	--
	83-09-22	.010	.55	.45	--	.01	.150	.120	.110	.100	7.4

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
CH-06	84-10-15	--	--	--	--	--	--
	84-10-17	--	--	--	--	--	--
CH-07	83-03-09	--	.00	2.0	--	--	--
	83-06-13	--	.20	.9	4.70	<.100	--
	83-09-21	10	--	.1	50.0	<.100	--
	84-05-01	--	--	2.1	3.00	<.100	--
	84-07-17	--	--	--	5.20	<.100	--
	84-09-19	--	--	3.6	5.00	<.100	--
CH-08	83-03-09	--	.00	2.4	--	--	--
	83-06-15	--	.20	1.5	--	--	--
	83-09-21	12	--	.1	8.10	<.100	--
	84-05-01	--	--	2.1	1.90	<.100	--
	84-09-19	--	--	.2	5.30	<.100	--
CH-09	83-03-09	--	.10	2.4	--	--	--
	83-06-15	--	.20	1.2	--	--	--
	83-09-21	11	--	.1	10.0	<.100	--
	83-11-14	4.7	--	2.4	4.70	<.100	--
	83-12-14	3.8	--	1.7	3.60	<.100	--
	84-01-16	--	--	--	--	--	--
	84-01-16	--	--	--	--	--	--
	84-02-15	6.2	--	.6	2.50	<.100	--
	84-05-01	--	--	1.7	2.10	<.100	--
	84-06-12	--	--	1.4	<.100	<.100	--
	84-09-19	--	--	1.9	<.100	<.100	--
CH-10	83-06-15	--	.20	1.2	--	--	--
	83-09-21	7.8	--	.1	7.20	<.100	--
	84-05-01	--	--	1.3	1.20	<.100	--
	84-09-19	--	--	2.5	4.00	<.100	--
CH-11	82-12-15	--	--	.4	4.60	<.100	--
	83-03-09	--	.00	2.4	--	--	--
	83-03-09	--	.10	1.5	--	--	--
	83-06-15	--	.40	.4	3.40	<.100	--
	83-06-15	--	.20	.3	4.10	<.100	--
	83-06-29	--	--	.8	2.00	<.100	--
	83-07-13	--	--	1.8	3.20	<.100	--
	83-07-27	--	--	1.9	3.60	<.100	--
	83-08-10	--	--	.6	5.90	<.100	--
	83-08-23	--	--	2.6	--	--	--
	83-09-06	--	--	3.8	12.0	<.100	--
	83-09-22	6.8	--	2.3	8.10	<.100	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
CH-11	83-09-22	1300	--	--	--	--	--	--	--	--	--
	83-10-05	1415	--	--	--	--	.110	--	--	--	<.010
	83-11-15	0855	--	.22	--	.13	--	.070	--	.01	--
	84-02-15	1140	--	--	.32	--	.040	.040	--	--	--
	84-04-30	1555	--	--	.33	.31	.050	.050	--	--	<.010
	84-06-12	1330	--	--	.47	.47	.050	.050	--	--	<.010
	84-06-27	1545	--	--	.19	--	.110	--	--	--	<.010
	84-07-18	0905	--	--	--	--	--	--	--	--	--
	84-07-26	1200	--	--	.44	--	.060	--	--	--	<.010
	84-08-09	1430	--	--	--	--	<.010	--	--	--	<.010
	84-08-24	1015	--	--	.52	--	.080	--	--	--	<.010
	84-09-18	1405	.62	--	.59	--	.020	--	--	--	<.010
	84-09-24	1115	--	--	.61	--	.020	--	--	--	<.010
	84-09-26	1125	--	--	.80	--	.020	--	--	--	<.010
	84-09-28	1100	--	--	.65	--	.020	--	--	--	<.010
	84-10-01	1100	--	--	.71	--	.030	--	--	--	<.010
	84-10-03	1130	.73	--	.69	--	.030	--	--	--	<.010
	84-10-05	1130	.66	--	.62	--	.030	--	--	--	<.010
	84-10-08	1115	.75	--	.71	--	.030	--	--	--	<.010
	84-10-10	1100	--	--	.74	--	.050	--	--	--	<.010
	84-10-15	1121	--	--	.90	--	.050	--	--	--	<.010
	84-10-17	1121	--	--	.55	--	.020	--	--	--	<.010
CH-12	83-06-15	1210	--	--	.52	--	.040	--	--	--	<.010
	83-09-21	1150	.66	--	--	--	--	--	--	--	--
	84-04-30	1520	--	--	.73	--	.050	--	--	--	<.010
	84-09-18	1510	.78	--	.73	--	.030	--	.01	.01	.010
CH-13	83-06-15	1135	.37	--	.30	--	.060	--	.00	--	.010
	83-09-21	1110	.67	--	--	.32	--	.050	--	--	--
	83-11-15	0935	--	.34	--	.26	--	.060	--	.01	--
	84-02-15	1330	--	--	.40	.32	.040	.040	--	--	--
	84-04-30	1445	--	--	.69	--	.050	--	--	--	<.010
	84-06-12	1400	--	--	.67	.52	.050	.050	--	--	<.010
	84-09-18	1540	.89	--	.85	--	.030	--	--	--	<.010
CH-15	83-09-21	0950	--	--	--	.24	--	.060	--	.00	--
	84-01-17	1200	--	--	.27	--	.040	--	--	--	<.010
	84-04-30	1320	--	--	.59	.57	.060	.060	--	--	<.010
	84-09-18	1445	.78	--	.73	.72	.040	.030	--	--	<.010
CH-16	83-06-15	1100	--	--	.39	--	.040	--	--	--	<.010
	83-09-21	1040	.44	--	--	--	--	--	--	--	--
	84-04-30	1410	--	--	.39	.37	.040	.040	--	--	<.010

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
CH-11	83-09-22	--	--	--	--	--	--	--	--	--	--
	83-10-05	--	--	--	<.10	--	--	--	--	--	--
	83-11-15	<.010	.40	.20	--	<.02	.110	.100	.060	.060	2.4
	84-02-15	<.010	.36	--	--	<.02	.130	.110	.090	.080	4.8
	84-04-30	<.010	.38	.36	<.02	<.02	.080	.060	.070	.060	3.2
	84-06-12	<.010	.52	.52	<.02	<.02	.100	.070	.040	.040	2.5
	84-06-27	--	.30	--	<.10	--	.060	--	--	--	--
	84-07-18	--	--	--	--	--	--	--	--	--	--
	84-07-26	--	.50	--	<.10	--	<.010	--	--	--	--
	84-08-09	--	.40	--	<.10	--	.180	--	--	--	--
	84-08-24	--	.60	--	<.10	--	.070	--	--	--	--
	84-09-18	<.010	.61	--	.01	.01	.170	.160	.130	.130	5.4
	84-09-24	--	.63	--	<.01	--	.100	--	--	--	--
	84-09-26	--	.82	--	<.01	--	.130	--	--	--	--
	84-09-28	--	.67	--	<.01	--	.130	--	--	--	--
	84-10-01	--	.74	--	<.01	--	.100	--	--	--	--
	84-10-03	--	.72	--	.01	--	.090	--	--	--	--
	84-10-05	--	.65	--	.01	--	.080	--	--	--	--
	84-10-08	--	.74	--	.01	--	.110	--	--	--	--
	84-10-10	--	.79	--	<.01	--	.180	--	--	--	--
	84-10-15	--	.95	--	<.01	--	.160	--	--	--	--
	84-10-17	--	.57	--	<.01	--	.100	--	--	--	--
CH-12	83-06-15	--	.56	--	<.01	--	.170	--	.140	--	4.5
	83-09-21	--	.64	--	.02	--	.220	--	--	--	8.8
	84-04-30	<.010	.78	--	<.02	<.02	.110	.100	.090	--	4.4
	84-09-18	.010	.76	--	.02	.02	.190	.160	.130	.120	5.4
CH-13	83-06-15	--	.36	--	.01	--	.050	--	.020	--	1.7
	83-09-21	<.010	.65	.37	.02	<.02	.120	.120	.080	.070	6.2
	83-11-15	<.010	<.05	.32	--	<.02	.100	.100	.050	.040	2.4
	84-02-15	<.010	.44	.36	--	<.02	.080	.060	.040	.030	3.6
	84-04-30	<.010	.74	.62	<.02	<.02	.070	.050	.050	.050	4.0
	84-06-12	<.010	.72	.57	<.02	<.02	.090	.070	.040	.030	3.7
	84-09-18	<.010	.88	.75	.01	.01	.180	.120	.090	.080	3.7
CH-15	83-09-21	.010	.42	.30	--	.01	.050	.030	.030	.020	4.3
	84-01-17	--	.31	--	<.02	--	.050	--	.030	--	--
	84-04-30	<.010	.65	.63	<.02	<.02	.040	.040	.040	.040	2.6
	84-09-18	<.010	.77	.75	.01	.01	.070	.060	.040	.040	1.6
CH-16	83-06-15	--	.43	--	<.01	--	.090	--	.050	--	2.5
	83-09-21	--	.43	--	.01	--	.080	--	--	--	5.4
	84-04-30	<.010	.43	.41	<.02	<.02	.050	.050	.040	.040	2.7

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
CH-11	83-09-22	--	--	--	6.60	<.100	--
	83-10-05	--	--	1.9	2.90	<.100	--
	83-11-15	1.9	--	1.3	2.20	<.100	--
	84-02-15	4.8	--	.9	1.50	<.100	--
	84-04-30	--	--	.6	1.30	<.100	--
	84-06-12	--	--	.5	<.100	<.100	--
	84-06-27	--	--	.8	1.30	<.100	--
	84-07-18	--	--	--	1.30	<.100	--
	84-07-26	--	--	.8	<.100	<.100	--
	84-08-09	--	--	.4	2.90	<.100	--
	84-08-24	--	--	.3	2.00	<.100	--
	84-09-18	--	--	1.2	<.100	<.100	--
	84-09-24	--	--	--	--	--	--
	84-09-26	--	--	--	--	--	--
	84-09-28	--	--	--	--	--	--
	84-10-01	--	--	--	--	--	--
	84-10-03	--	--	--	--	--	--
	84-10-05	--	--	--	--	--	--
	84-10-08	--	--	--	--	--	--
	84-10-10	--	--	--	--	--	--
	84-10-15	--	--	--	--	--	--
	84-10-17	--	--	--	--	--	--
CH-12	83-06-15	--	.30	1.1	--	--	--
	83-09-21	8.8	--	.1	3.50	<.100	--
	84-04-30	--	--	1.3	1.40	<.100	--
	84-09-18	--	--	1.5	2.20	<.100	--
CH-13	83-06-15	--	.30	.3	3.30	<.100	--
	83-09-21	5.7	--	.2	11.0	<.100	--
	83-11-15	2.1	--	1.1	3.30	<.100	--
	84-02-15	3.6	--	.6	3.30	<.100	--
	84-04-30	--	--	.9	2.00	<.100	--
	84-06-12	--	--	.6	.700	<.100	--
	84-09-18	--	--	1.5	<.100	<.100	--
CH-15	83-09-21	5.1	--	.7	1.40	<.100	--
	84-01-17	--	--	--	--	--	--
	84-04-30	--	--	.2	1.10	<.100	--
	84-09-18	--	--	.3	<.100	<.100	--
CH-16	83-06-15	--	.20	.3	--	--	--
	83-09-21	5.7	--	.1	4.70	<.100	--
	84-04-30	--	--	.9	.800	<.100	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
CH-16	84-09-18	1330	.78	--	.74	.53	.030	.030	--	--	<.010
CH-17	83-09-21	1510	.54	--	--	--	--	--	--	--	--
	84-05-01	1100	--	--	.87	.62	.040	.040	--	--	<.010
	84-09-20	1210	.76	--	.72	.53	.030	.030	--	--	<.010
CH-18	83-03-28	1630	.97	--	.80	--	.071	--	.09	--	.011
	83-06-14	1700	.75	--	.67	--	.060	--	.01	--	.010
	83-09-20	1500	--	--	--	.46	--	.030	--	.00	--
	83-11-15	1345	--	.58	--	.53	--	.030	--	.01	--
	83-12-15	1310	--	--	--	.40	--	.070	--	--	--
	84-02-16	1200	--	--	.53	.44	.040	.040	--	--	--
	84-05-01	1120	--	--	.92	.79	.030	.030	--	--	<.010
	84-06-13	0915	--	--	1.1	.94	.060	.060	--	--	<.010
	84-09-20	1300	.99	--	.95	--	.030	--	--	--	<.010
	84-09-24	1715	--	--	1.1	--	.080	--	--	--	<.010
	84-09-26	1524	--	--	1.4	--	.120	--	--	--	<.010
	84-09-28	0910	1.2	--	1.1	--	.080	--	--	--	<.010
	84-10-01	2030	1.0	--	.96	--	.040	--	--	--	<.010
	84-10-03	2015	1.0	--	.85	--	.150	--	.01	--	.010
	84-10-05	1045	.86	--	.80	--	.050	--	--	--	<.010
	84-10-08	1115	--	--	.82	--	.050	--	--	--	<.010
	84-10-10	1415	--	--	.93	--	.060	--	--	--	<.010
	84-10-15	1625	--	--	1.0	--	.060	--	--	--	<.010
	84-10-17	1720	.96	--	.90	--	.050	--	.00	--	.010
CH-19	83-09-21	1230	.61	--	--	--	--	--	--	--	--
	84-04-30	1625	--	--	.68	.62	.040	.040	--	--	<.010
	84-09-18	1415	.95	--	.91	.49	.030	.030	--	--	<.010
CH-20	83-03-28	0950	.38	--	.35	--	.031	--	--	--	<.010
	83-09-21	1300	--	--	--	.36	--	.070	--	.00	--
	83-11-15	1022	--	.29	--	.20	--	.070	--	.01	--
	84-01-17	1320	--	--	.41	--	.040	--	--	--	<.010
	84-01-17	1355	--	--	.39	--	.030	--	--	--	<.010
	84-02-15	1530	--	--	.39	--	.050	--	--	--	--
	84-04-30	1650	--	--	.48	.40	.050	.050	--	--	<.010
	84-06-12	1500	--	--	.54	--	.060	.060	--	--	<.010
	84-07-18	1000	--	--	--	--	--	--	--	--	--
	84-09-20	1330	.85	--	.81	.79	.030	.030	--	--	<.010
CH-21	83-06-14	1230	.29	--	.21	--	.070	--	.00	--	.010
	83-09-21	1330	.42	--	--	--	--	--	--	--	--
	84-04-30	1710	--	--	--	.73	--	.050	--	--	<.010
	84-09-20	1410	.74	--	.70	.55	.030	.030	--	--	<.010

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
CH-16	84-09-18	<.010	.77	.56	.01	.01	.150	.130	.110	.100	4.5
CH-17	83-09-21	--	.53	--	.01	--	.100	--	--	--	8.2
	84-05-01	<.010	.91	.66	<.02	<.02	.080	.070	.070	.070	7.7
	84-09-20	<.010	.75	.56	.01	.01	.130	.110	.080	.070	5.4
CH-18	83-03-28	--	.87	--	.10	--	.071	--	--	--	15
	83-06-14	--	.73	--	.02	--	.080	--	.060	--	6.8
	83-09-20	.010	.66	.49	--	.01	.060	.050	.040	.030	8.8
	83-11-15	<.010	.82	.56	--	<.02	.080	.060	.030	.020	6.8
	83-12-15	<.010	.63	.47	--	.02	.070	.050	.070	.050	5.6
	84-02-16	<.010	.57	.48	--	<.02	.090	.070	.050	.040	7.2
	84-05-01	<.010	.95	.82	<.02	<.02	.070	.060	.050	.040	10
	84-06-13	<.010	1.2	1.0	<.02	<.02	.090	.060	.040	.040	10
	84-09-20	<.010	.98	.69	.01	.01	.100	.070	.050	.040	8.7
	84-09-24	--	1.2	--	<.01	--	.090	--	--	--	--
	84-09-26	--	1.5	--	<.01	--	.130	--	--	--	--
	84-09-28	--	1.2	--	.01	--	.080	--	--	--	--
	84-10-01	--	1.0	--	.01	--	.098	--	--	--	--
	84-10-03	--	1.0	--	.02	--	.090	--	--	--	--
	84-10-05	--	.85	--	.01	--	.080	--	--	--	--
	84-10-08	--	.87	--	<.01	--	.070	--	--	--	--
	84-10-10	--	.99	--	<.01	--	.070	--	--	--	--
	84-10-15	--	1.1	--	<.01	--	.080	--	--	--	--
	84-10-17	--	.95	--	.01	--	.080	--	--	--	--
CH-19	83-09-21	--	.60	--	.01	--	.060	--	--	--	5.1
	84-04-30	<.010	.72	.66	<.02	<.02	.060	.050	.040	.040	3.9
	84-09-18	<.010	.94	.52	.01	.01	.100	.080	.070	.050	4.5
CH-20	83-03-28	--	.38	--	.00	--	.031	--	--	--	5.5
	83-09-21	.010	.49	.43	--	.01	--	--	.020	.020	3.9
	83-11-15	<.010	.32	.27	--	<.02	.080	.080	.030	.030	2.1
	84-01-17	--	.45	--	<.02	--	.060	--	.050	--	--
	84-01-17	--	.42	--	<.02	--	.060	--	.040	--	--
	84-02-15	--	.44	--	--	.02	.080	.060	.050	.040	4.2
	84-04-30	<.010	.53	.45	<.02	<.02	.050	.040	.040	.040	3.3
	84-06-12	<.010	.60	--	<.02	<.02	.060	.060	.030	.030	3.7
	84-07-18	--	--	--	--	--	--	--	--	--	--
	84-09-20	<.010	.84	.82	.01	.01	.070	.050	.040	.030	2.5
CH-21	83-06-14	--	.28	--	.01	--	.040	--	.020	--	1.1
	83-09-21	--	.41	--	.01	--	.040	--	--	--	3.6
	84-04-30	<.010	.78	.78	<.02	<.02	.060	.050	.040	.040	3.3
	84-09-20	<.010	.73	.58	.01	.01	.070	.060	.030	.030	3.7

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
CH-16	84-09-18	--	--	1.2	<.100	<.100	--
CH-17	83-09-21	6.8	--	.2	5.90	<.100	--
	84-05-01	--	--	3.4	1.90	<.100	--
	84-09-20	--	--	1.1	2.40	<.100	--
CH-18	83-03-28	--	.20	2.6	--	--	--
	83-06-14	--	.20	6.0	7.40	<.100	--
	83-09-20	9.2	--	.4	7.20	<.100	--
	83-11-15	6.3	--	5.3	8.10	1.60	--
	83-12-15	7.5	--	3.6	5.90	<.100	--
	84-02-16	6.7	--	2.6	5.30	<.100	--
	84-05-01	--	--	5.3	4.50	<.100	--
	84-06-13	--	--	3.4	.700	<.100	--
	84-09-20	--	--	3.3	3.10	<.100	--
	84-09-24	--	--	--	--	--	--
	84-09-26	--	--	--	--	--	--
	84-09-28	--	--	--	--	--	--
	84-10-01	--	--	--	--	--	--
	84-10-03	--	--	--	--	--	--
	84-10-05	--	--	--	--	--	--
	84-10-08	--	--	--	--	--	--
	84-10-10	--	--	--	--	--	--
	84-10-15	--	--	--	--	--	--
	84-10-17	--	--	--	--	--	--
CH-19	83-09-21	5.0	--	.2	10.0	<.100	--
	84-04-30	--	--	1.3	1.10	<.100	--
	84-09-18	--	--	.7	2.00	<.100	--
CH-20	83-03-28	--	.10	4.0	--	--	--
	83-09-21	4.2	--	.2	4.80	<.100	--
	83-11-15	1.6	--	1.1	3.30	<.100	--
	84-01-17	--	--	--	--	--	--
	84-01-17	--	--	--	--	--	--
	84-02-15	3.6	--	1.3	2.00	<.100	--
	84-04-30	--	--	.9	1.80	<.100	--
	84-06-12	--	--	.6	<.100	<.100	--
	84-07-18	--	--	--	2.00	<.100	--
	84-09-20	--	--	.9	<.100	<.100	--
CH-21	83-06-14	--	.30	.4	--	--	--
	83-09-21	3.8	--	.2	4.80	<.100	--
	84-04-30	--	--	.9	2.40	<.100	--
	84-09-20	--	--	.8	2.90	<.100	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
CH-22	83-03-28	1115	.67	--	.64	--	.031	--	--	--	<.010
	83-06-14	1155	.74	--	.67	--	.060	--	.00	--	.010
	83-06-29	1500	--	--	--	--	--	--	--	--	--
	83-07-13	1310	--	--	--	--	.070	--	--	--	<.010
	83-07-27	1430	--	--	--	--	.070	--	--	--	<.010
	83-08-09	1130	--	--	--	--	.070	--	--	--	<.010
	83-08-24	1515	--	--	--	--	.080	--	--	--	<.010
	83-09-07	1203	--	--	--	--	.070	--	--	--	<.010
	83-09-21	1355	.56	--	--	--	--	--	--	--	--
	83-10-04	1240	--	--	--	--	.060	--	--	--	<.010
	83-11-15	1105	--	.36	--	.28	--	.060	--	.01	--
	84-02-15	1630	--	--	.44	.44	.040	.040	--	--	--
	84-04-30	1740	.84	--	.77	.55	.050	.050	--	--	<.010
	84-06-12	1545	--	--	.82	.56	.040	.040	--	--	<.010
	84-06-27	1430	--	--	.46	--	.140	--	--	--	<.010
	84-07-18	1320	--	--	--	--	--	--	--	--	--
	84-07-26	1310	--	--	1.1	--	.050	--	--	--	<.010
	84-08-09	1730	--	--	.75	--	.050	--	--	--	<.010
	84-08-23	1102	--	--	.92	--	.080	--	--	--	<.010
	84-09-20	1530	.80	--	.76	.68	.030	.030	--	--	<.010
	84-09-24	1300	--	--	.85	--	.050	--	--	--	<.010
	84-09-26	1115	--	--	.87	--	.030	--	--	--	<.010
	84-09-28	0900	.94	--	.89	--	.040	--	.00	--	.010
	84-10-01	1945	1.1	--	1.1	--	.040	--	--	--	<.010
	84-10-05	0945	.96	--	.91	--	.040	--	.00	--	.010
	84-10-08	1045	--	--	.82	--	.030	--	--	--	<.010
	84-10-10	1315	--	--	.95	--	.050	--	--	--	<.010
	84-10-15	0900	--	--	.95	--	.050	--	--	--	<.010
	84-10-17	1645	1.0	--	.97	--	.030	--	.00	--	.010
CH-23	83-03-28	1545	1.0	--	.88	--	.051	--	.09	--	.011
	83-06-14	1330	.74	--	.69	--	.040	--	--	--	<.010
	83-09-22	1100	.72	--	--	--	--	--	--	--	--
	84-05-01	1205	.82	--	.75	.23	.050	.050	--	--	<.010
	84-09-20	1345	1.2	--	1.0	.85	.060	.050	.05	.04	.010
CH-24	83-03-28	1230	.80	--	.71	--	.031	--	.05	--	.011
	83-06-14	1115	.82	--	.76	--	.050	--	.00	--	.010
	83-09-22	1030	--	--	--	.36	--	.070	--	.01	--
	84-05-01	1230	--	--	.49	.41	.050	.050	--	--	<.010
	84-09-20	1610	1.1	--	1.1	.74	.040	.030	--	--	<.010
CH-25	83-03-28	1300	.44	--	.39	--	.031	--	.02	--	<.010

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
CH-22	83-03-28	--	.67	--	<.01	--	.031	--	--	--	7.2
	83-06-14	--	.73	--	.01	--	.040	--	.020	--	4.5
	83-06-29	--	--	--	--	--	--	--	--	--	--
	83-07-13	--	--	--	<.10	--	--	--	--	--	--
	83-07-27	--	--	--	<.10	--	--	--	--	--	--
	83-08-09	--	--	--	<.10	--	--	--	--	--	--
	83-08-24	--	--	--	<.10	--	--	--	--	--	--
	83-09-07	--	--	--	<.10	--	--	--	--	--	--
	83-09-21	--	.55	--	.01	--	.040	--	--	--	5.1
	83-10-04	--	--	--	<.10	--	--	--	--	--	--
	83-11-15	<.010	.52	.34	--	<.02	.080	.050	.030	.020	2.5
	84-02-15	<.010	.48	.48	--	<.02	.060	.060	.030	.020	4.1
	84-04-30	<.010	.82	.60	.02	.02	.040	.040	.020	.020	5.0
	84-06-12	<.010	.86	.60	<.02	<.02	.060	.040	.040	.040	5.7
	84-06-27	--	.60	--	<.10	--	<.010	--	--	--	--
	84-07-18	--	--	--	--	--	--	--	--	--	--
	84-07-26	--	1.1	--	<.10	--	<.010	--	--	--	--
	84-08-09	--	.80	--	<.10	--	.110	--	--	--	--
	84-08-23	--	1.0	--	<.10	--	.140	--	--	--	--
	84-09-20	<.010	.79	.71	.01	.01	.070	.050	.030	.020	7.5
	84-09-24	--	.90	--	<.01	--	.050	--	--	--	--
	84-09-26	--	.90	--	<.01	--	.070	--	--	--	--
	84-09-28	--	.93	--	.01	--	.050	--	--	--	--
	84-10-01	--	1.1	--	.01	--	.070	--	--	--	--
	84-10-05	--	.95	--	.01	--	.070	--	--	--	--
	84-10-08	--	.85	--	<.01	--	.050	--	--	--	--
	84-10-10	--	1.0	--	<.01	--	.100	--	--	--	--
	84-10-15	--	1.0	--	<.01	--	.080	--	--	--	--
	84-10-17	--	1.0	--	.01	--	.080	--	--	--	--
CH-23	83-03-28	--	.93	--	.10	--	.061	--	--	--	16
	83-06-14	--	.73	--	.01	--	.080	--	.050	--	9.6
	83-09-22	--	.57	--	.15	--	.100	--	--	--	8.5
	84-05-01	<.010	.80	.28	.02	.02	.030	.030	.020	.020	9.1
	84-09-20	.010	1.1	.90	.06	.05	.110	.090	.070	.070	5.5
CH-24	83-03-28	--	.74	--	.06	--	.051	--	--	--	9.5
	83-06-14	--	.81	--	.01	--	.060	--	.030	--	5.8
	83-09-22	.010	.60	.43	--	.02	.040	.040	.030	.020	7.1
	84-05-01	<.010	.54	.46	<.02	<.02	.030	.030	.020	.020	5.6
	84-09-20	<.010	1.1	.77	.02	.01	.100	.100	.050	.040	8.3
CH-25	83-03-28	--	.42	--	.02	--	.041	--	--	--	4.7

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
CH-22	83-03-28	--	.10	9.0	--	--	--
	83-06-14	--	.60	1.2	--	--	--
	83-06-29	--	--	1.5	3.90	<.100	--
	83-07-13	--	--	--	7.20	<.100	--
	83-07-27	--	--	.3	12.0	<.100	--
	83-08-09	--	--	2.6	9.70	<.100	--
	83-08-24	--	--	1.7	--	--	--
	83-09-07	--	--	.8	8.30	<.100	--
	83-09-21	5.0	--	.2	4.80	<.100	--
	83-10-04	--	--	1.1	8.00	<.100	--
	83-11-15	2.5	--	.9	5.70	<.100	--
	84-02-15	4.1	--	1.7	1.80	<.100	--
	84-04-30	--	--	.6	2.50	<.100	--
	84-06-12	--	--	.9	<.100	<.100	--
	84-06-27	--	--	1.4	.800	<.100	--
	84-07-18	--	--	--	2.00	<.100	--
	84-07-26	--	--	1.7	5.10	<.100	--
	84-08-09	--	--	2.9	<.100	<.100	--
	84-08-23	--	--	1.1	11.0	<.100	--
	84-09-20	--	--	.3	4.30	<.100	--
	84-09-24	--	--	--	--	--	--
	84-09-26	--	--	--	--	--	--
	84-09-28	--	--	--	--	--	--
	84-10-01	--	--	--	--	--	--
	84-10-05	--	--	--	--	--	--
	84-10-08	--	--	--	--	--	--
	84-10-10	--	--	--	--	--	--
	84-10-15	--	--	--	--	--	--
	84-10-17	--	--	--	--	--	--
CH-23	83-03-28	--	.20	2.3	--	--	--
	83-06-14	--	.20	3.5	--	--	--
	83-09-22	8.8	--	1.1	1.60	<.100	--
	84-05-01	--	--	3.4	6.10	<.100	--
	84-09-20	--	--	2.0	1.60	<.100	--
CH-24	83-03-28	--	.30	1.5	--	--	--
	83-06-14	--	.20	2.4	--	--	--
	83-09-22	6.1	--	.2	3.30	<.100	--
	84-05-01	--	--	2.1	3.10	<.100	--
	84-09-20	--	--	.9	<.100	<.100	--
CH-25	83-03-28	--	.20	9.0	--	--	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
CH-25	83-06-14	1045	.61	--	.55	--	.050	--	.00	--	.010
	83-09-22	1005	.71	--	--	--	--	--	--	--	--
	83-11-15	1155	--	42	--	.35	--	.050	--	--	--
	83-12-15	1000	--	--	--	.26	--	.070	--	--	--
	84-02-16	1400	--	--	.32	.27	.040	.040	--	--	--
	84-05-01	1250	--	--	.60	.38	.050	.040	--	--	<.010
	84-06-13	1030	--	--	.57	.48	.060	.060	--	--	<.010
	84-09-20	1530	.91	--	.84	.65	.040	.040	.02	.02	.010
CH-26	83-06-14	1000	--	--	.59	--	.050	--	--	--	<.010
	83-09-22	0945	--	--	--	.30	--	.070	--	.00	--
	84-05-01	1320	--	--	.34	.25	.050	.050	--	--	<.010
CH-27	82-12-07	1020	.69	--	.58	.32	.060	.050	.04	.04	.010
	82-12-16	1100	--	--	.37	--	.040	.040	--	.03	--
	83-03-28	1510	1.5	--	1.3	--	.021	--	.13	--	.011
	83-06-14	0915	.90	--	.85	--	.030	--	.01	--	.010
	83-09-22	1130	--	--	--	.55	--	.070	--	.23	--
	83-11-15	1250	--	.48	--	.41	--	.040	--	.02	--
	83-12-15	1100	--	--	--	.38	--	.070	--	--	--
	84-02-16	1050	--	--	.49	.49	.040	.040	--	--	--
	84-05-01	1415	--	--	.75	.53	.050	.050	--	--	<.010
	84-06-13	0950	1.0	--	.95	.95	.050	.050	--	--	<.010
	84-09-20	1430	.84	--	.73	.67	.060	.060	.04	.04	.010
CH-28	82-12-07	1320	--	--	.98	.72	.150	.140	.09	.09	.010
	83-06-14	1515	1.7	--	1.2	--	.200	--	.29	--	.030
	83-07-18	1540	--	--	--	--	--	.040	--	--	--
	83-07-25	1000	--	--	--	--	.030	--	--	--	.010
	83-08-02	0830	--	--	--	--	.030	--	--	--	.010
	83-08-08	1245	--	--	--	--	--	.090	--	--	--
	83-08-23	1225	--	--	--	--	--	.170	--	.11	--
	83-09-06	0905	--	--	--	--	--	.130	--	--	--
	83-09-20	1315	--	--	--	.84	--	.160	--	.22	--
	83-10-04	1030	--	--	--	--	--	.140	--	.28	--
	83-10-18	1230	--	--	--	--	--	.170	--	.31	--
	83-11-07	1020	--	--	--	.84	--	.020	--	--	--
	83-12-14	0900	--	--	--	.69	--	.040	--	--	--
	84-02-16	0900	--	--	.74	--	.040	.040	--	--	--
	84-05-09	0940	1.1	--	1.1	1.1	.040	.040	--	--	<.010

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N)	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	PHOS-PHORUS, ORTHO, DIS-SOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
CH-25	83-06-14	--	.60	--	.01	--	.040	--	.030	--	5.8
	83-09-22	--	.63	--	.08	--	.080	--	--	--	6.8
	83-11-15	<.010	.42	.40	--	<.02	.080	.060	.030	.020	2.5
	83-12-15	<.010	.50	.33	--	.02	.060	.040	.050	.040	2.6
	84-02-16	<.010	.36	.31	--	<.02	.060	.060	.030	.030	3.5
	84-05-01	<.010	.65	.42	<.02	<.02	.040	.040	.020	.020	5.7
	84-06-13	<.010	.63	.54	<.02	<.02	.060	.050	.030	.030	2.6
	84-09-20	.010	.88	.69	.03	.03	.100	.080	.060	.060	5.2
CH-26	83-06-14	--	.64	--	<.02	--	.020	--	.020	--	2.2
	83-09-22	.010	.40	.37	--	.01	.020	.020	.010	.010	3.9
	84-05-01	<.010	.39	.30	<.02	<.02	.040	.030	.020	.020	2.3
CH-27	82-12-07	.010	.64	.37	.05	.05	.080	.070	.080	.070	--
	82-12-16	.010	.41	--	--	.04	.080	.080	--	.050	5.3
	83-03-28	--	1.3	--	.14	--	.081	--	--	--	19
	83-06-14	--	.88	--	.02	--	.120	--	.090	--	14
	83-09-22	.010	.76	.62	--	.24	.140	.120	.100	.100	11
	83-11-15	<.010	.60	.45	--	.03	.100	.090	.050	.050	5.0
	83-12-15	<.010	.48	.45	--	.03	.070	.060	.070	.060	5.0
	84-02-16	<.010	.53	.53	--	<.02	.090	.080	.060	.050	8.7
	84-05-01	<.010	.80	.58	<.02	<.02	.030	.030	.020	.020	8.1
	84-06-13	<.010	1.0	1.0	.03	.03	.100	.100	.060	.060	7.5
	84-09-20	.010	.79	.73	.05	.05	.120	.100	.080	.070	5.2
CH-28	82-12-07	.010	--	--	--	--	.150	.100	.120	.100	--
	83-06-14	--	1.4	--	.32	--	.240	--	.200	--	20
	83-07-18	.010	--	--	--	<.10	--	--	--	--	--
	83-07-25	--	--	--	<.10	--	--	--	--	--	--
	83-08-02	--	--	--	<.10	--	--	--	--	--	--
	83-08-08	<.010	--	--	--	.18	--	--	--	--	--
	83-08-23	.030	--	--	--	.14	--	--	--	--	--
	83-09-06	<.010	--	--	--	.27	--	--	--	--	--
	83-09-20	.010	1.0	1.0	--	.23	.150	.120	.110	.100	15
	83-10-04	.010	--	--	--	.29	--	--	--	--	--
	83-10-18	.060	--	--	--	.37	--	--	--	--	--
	83-11-07	<.010	.86	.86	--	.02	.110	.090	.080	.070	15
	83-12-14	<.010	1.5	.73	--	.02	.160	.120	.110	.100	13
	84-02-16	<.010	.78	--	--	.05	.110	.080	.070	.060	15
	84-05-09	<.010	1.1	1.1	.02	.02	.100	.100	.070	.070	16

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
CH-25	83-06-14	--	.30	2.2	--	--	--
	83-09-22	6.8	--	.2	3.70	<.100	--
	83-11-15	2.5	--	1.9	3.90	<.100	--
	83-12-15	2.5	--	2.1	3.50	<.100	--
	84-02-16	3.5	--	1.5	1.20	<.100	--
	84-05-01	--	--	1.3	1.60	<.100	--
	84-06-13	--	--	1.2	<.100	<.100	--
	84-09-20	--	--	1.5	2.20	<.100	--
CH-26	83-06-14	--	.20	1.1	2.50	<.100	--
	83-09-22	--	--	.2	2.90	<.100	--
	84-05-01	--	--	.6	1.00	<.100	--
CH-27	82-12-07	7.5	.20	2.2	.600	<.100	1.0
	82-12-16	--	--	2.4	<.100	<.100	--
	83-03-28	--	.20	7.3	--	--	--
	83-06-14	--	.20	4.3	4.40	<.100	--
	83-09-22	11	--	5.7	1.40	<.100	--
	83-11-15	5.0	--	2.6	2.90	<.100	--
	83-12-15	4.5	--	3.2	1.10	<.100	--
	84-02-16	8.7	--	1.3	3.10	<.100	--
	84-05-01	--	--	2.1	3.50	<.100	--
	84-06-13	--	--	3.1	<.100	<.100	--
	84-09-20	--	--	1.8	2.80	<.100	--
CH-28	82-12-07	12	.20	1.8	6.10	<.100	1.2
	83-06-14	--	.20	5.4	--	--	--
	83-07-18	--	--	--	15.0	<.100	--
	83-07-25	--	--	5.4	6.30	<.100	--
	83-08-02	--	--	5.3	--	--	--
	83-08-08	--	--	5.5	12.0	<.100	--
	83-08-23	--	--	7.7	--	--	--
	83-09-06	--	--	6.8	1.00	<.100	--
	83-09-20	15	--	7.3	13.0	<.100	--
	83-10-04	--	--	6.4	5.00	<.100	--
	83-10-18	--	--	5.2	2.70	<.100	--
	83-11-07	15	--	4.0	13.0	<.100	--
	83-12-14	15	--	3.4	17.0	<.100	--
	84-02-16	14	--	2.6	3.80	<.100	--
	84-05-09	--	--	4.1	7.40	<.100	--

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	NITROGEN, TOTAL (MG/L AS N)	NITROGEN DISSOLVED (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)
CH-28	84-06-14	1415	1.3	--	1.3	1.3	.040	.040	--	--	<.010
	84-08-28	0915	1.4	--	1.3	--	.030	--	.11	--	.020
CH-29	83-09-21	0915	--	--	--	.98	--	.020	--	.23	--
	83-11-14	1545	--	1.7	--	.60	--	.050	--	.99	--
	83-12-14	1635	--	--	--	.48	--	.140	--	.68	--
	84-02-14	1355	--	--	.91	--	.090	--	--	.82	--
	84-04-30	1700	1.0	--	.93	.68	.050	.040	.01	.01	.010
	84-06-12	1045	1.5	--	1.1	1.1	.120	.120	.24	.24	.010
	84-07-10	1415	1.2	--	.90	--	.040	--	.25	--	.010
	84-09-19	1320	1.6	--	1.1	.87	.110	.110	.37	--	.020
CH-30	83-09-22	1120	--	--	--	.25	--	.040	--	.00	--
	83-09-22	1145	--	--	--	--	--	--	--	--	--
	83-11-14	1210	--	.31	--	.25	--	.040	--	.01	--
	83-12-14	1110	--	--	--	.26	--	.060	--	--	--
	84-02-15	1010	--	--	.58	.51	.030	.030	--	--	--
	84-05-01	1030	--	--	.51	.42	.030	.030	--	--	<.010
	84-06-12	1245	--	--	.61	.52	.050	.050	--	--	<.010
	84-09-18	1255	1.0	--	.93	--	.070	.050	.01	.00	.010
MK-70	82-12-07	1130	.69	--	.56	.51	.060	.060	.06	.06	.010
	83-03-28	1430	1.2	--	1.1	--	.021	--	.09	--	.011
S-15	83-09-21	1505	.84	--	--	--	--	--	--	--	--
	84-05-01	1340	--	--	.61	.56	.030	.030	--	--	<.010
	84-09-19	1530	1.2	--	1.2	.78	.040	.040	--	--	<.010
S-19	83-09-21	1430	.84	--	--	--	--	--	--	--	--
	84-05-01	1400	--	--	.61	.57	.030	.030	--	--	<.010
	84-09-19	1620	.83	--	.78	.52	.040	.030	.00	--	.010
S-20	83-09-21	1405	--	--	--	--	--	--	--	--	--
	84-05-01	1430	--	--	.62	.54	.030	.030	--	--	<.010
	84-09-19	1645	.69	--	.64	--	.040	.040	.00	.00	.010

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
CH-28	84-06-14	<.010	1.3	1.3	.02	.02	.160	.120	.080	.070	16
	84-08-28	.020	1.3	1.1	.13	--	.140	.110	.100	.090	15
CH-29	83-09-21	.020	1.2	1.0	--	.25	.730	.580	.570	.540	20
	83-11-14	.010	.88	.65	--	1.0	1.20	1.10	1.10	1.10	15
	83-12-14	.010	.76	.62	--	.69	.930	.820	.860	.800	14
	84-02-14	.010	1.0	--	--	.83	1.30	1.20	1.20	1.10	15
	84-04-30	.010	.98	.72	.02	.02	.860	.750	.740	.700	14
	84-06-12	.010	1.2	1.2	.25	.25	.940	.900	.820	.820	14
	84-07-10	--	.94	--	.26	--	.720	--	.600	--	--
	84-09-19	.020	1.2	.98	.39	--	1.20	1.00	.950	.940	18
CH-30	83-09-22	.010	.66	.29	--	.01	.210	.170	.170	.150	8.6
	83-09-22	--	--	--	--	--	--	--	--	--	--
	83-11-14	<.010	.40	.29	--	<.02	.160	.140	.100	.100	4.3
	83-12-14	<.010	.40	.32	--	<.02	.110	.090	.110	.090	3.5
	84-02-15	<.010	.61	.54	--	<.02	.150	.120	.110	.100	6.2
	84-05-01	<.010	.54	.45	<.02	<.02	.120	.110	.110	.110	6.0
	84-06-12	<.010	.66	.57	<.02	<.02	.150	.130	.110	.110	4.7
	84-09-18	.010	1.0	--	.02	.01	.170	--	.130	--	6.4
MK-70	82-12-07	.010	.62	.57	.07	.07	.090	.070	.090	.080	--
	83-03-28	--	1.1	--	.10	--	.091	--	--	--	21
S-15	83-09-21	--	.81	--	.03	--	.330	--	--	--	13
	84-05-01	<.010	.64	.59	<.02	<.02	.200	.190	.190	.180	8.1
	84-09-19	<.010	1.2	.82	.01	.01	.380	.220	.200	.190	7.5
S-19	83-09-21	--	.81	--	.03	--	.310	--	--	--	11
	84-05-01	<.010	.64	.60	<.02	<.02	--	.160	.170	.160	7.0
	84-09-19	<.010	.82	.55	.01	.01	.220	.190	.170	.160	6.0
S-20	83-09-21	--	1.0	--	<.02	--	.260	--	--	--	10
	84-05-01	<.010	.65	.57	<.02	<.02	.160	.150	.150	.150	7.0
	84-09-19	.010	.68	--	.01	.01	.230	.180	.170	.160	6.2

Table 14.-- Concentrations of selected nutrients at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C)	CARBON, ORGANIC SUS-PENDED TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
CH-28	84-06-14	--	--	4.1	--	--	--
	84-08-28	--	--	7.1	4.40	<.100	--
CH-29	83-09-21	20	--	6.3	1.10	<.100	--
	83-11-14	15	--	9.5	5.70	1.10	--
	83-12-14	17	--	5.8	3.10	<.100	--
	84-02-14	15	--	5.6	5.30	<.100	--
	84-04-30	--	--	4.9	9.70	<.100	--
	84-06-12	--	--	4.3	<.100	<.100	--
	84-07-10	--	--	--	--	--	--
	84-09-19	--	--	8.4	1.80	<.100	--
CH-30	83-09-22	8.6	--	.2	10.0	3.50	--
	83-09-22	--	--	--	9.80	1.80	--
	83-11-14	3.9	--	1.7	4.10	<.100	--
	83-12-14	3.5	--	1.1	1.80	<.100	--
	84-02-15	6.0	--	.9	2.50	<.100	--
	84-05-01	--	--	1.3	2.60	<.100	--
	84-06-12	--	--	1.5	<.100	<.100	--
	84-09-18	--	--	1.2	<.100	<.100	--
MK-70	82-12-07	7.5	.20	2.2	1.70	<.100	.5
	83-03-28	--	.10	2.6	--	--	--
S-15	83-09-21	13	--	.2	8.70	<.100	--
	84-05-01	--	--	2.1	1.60	<.100	--
	84-09-19	--	--	.4	5.80	<.100	--
S-19	83-09-21	11	--	.2	11.0	2.50	--
	84-05-01	--	--	2.1	1.70	<.100	--
	84-09-19	--	--	2.2	2.40	<.100	--
S-20	83-09-21	9.1	--	.2	30.0	<.100	--
	84-05-01	--	--	1.7	2.40	<.100	--
	84-09-19	--	--	2.6	2.90	<.100	--

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites
(Data with a prefix of "E" are approximate)

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
CH-01	82-12-10	0930	100	--	--	--	--	--	--	--	14200
	83-03-09	1755	--	--	69	--	--	--	--	--	355
	83-09-20	1430	45	24	72	.10	7.5	1.9	39	29	375
	83-11-14	1405	--	--	1400	--	--	--	--	230	4740
	83-12-14	1435	--	--	1400	--	--	--	--	250	4600
	84-01-18	1340	--	--	1100	.50	--	--	--	--	3650
	84-02-14	1650	--	--	5300	--	--	--	--	700	16000
	84-04-30	1405	75	92	2300	.50	170	48	1300	360	7500
	84-06-11	1330	--	--	6000	--	--	--	--	900	18100
	84-09-19	1330	95	100	2400	.60	170	53	1300	370	7490
CH-02	82-12-15	1300	105	280	12000	1.0	870	300	6700	1700	32000
	83-03-09	1720	--	--	1400	--	--	--	--	--	4500
	83-06-13	1420	--	--	9200	--	--	--	--	--	25900
	83-09-20	1630	59	--	1400	--	--	--	--	170	4750
	83-11-14	1335	--	--	8400	--	--	--	--	1200	23300
	83-12-14	1350	--	--	--	--	--	--	--	1300	27000
	84-01-18	1500	--	--	9500	.90	--	--	--	--	26100
	84-02-14	1720	--	--	10000	--	--	--	--	1400	28500
	84-04-30	1500	95	--	7700	--	--	--	--	1100	22000
	84-06-11	1415	--	--	11000	--	--	--	--	1600	31300
	84-09-19	1400	102	--	8300	--	--	--	--	1200	24900
CH-03	83-03-09	1645	--	--	3100	--	--	--	--	--	9450
	83-06-13	1400	--	--	11000	--	--	--	--	--	30400
	83-09-20	1715	--	--	2900	--	--	--	--	--	9000
	84-04-30	1540	98	--	8700	--	--	--	--	1200	24500
	84-09-19	1500	102	--	9800	--	--	--	--	1300	27800
CH-04	82-12-14	1030	89	200	8200	1.3	600	180	4600	1200	23000
	83-06-13	1230	--	--	8500	--	--	--	--	--	24000
	83-06-13	1300	--	--	9500	--	--	--	--	--	27800
	83-08-23	1640	--	--	2700	--	--	--	--	--	8680
	83-09-21	1015	32	--	60	--	--	--	--	22	320
	83-09-21	1045	36	--	380	--	--	--	--	68	1460
	83-11-14	1505	--	--	7400	--	--	--	--	1000	20900
	83-12-14	1550	--	--	10000	--	--	--	--	1400	28000
	84-01-18	0910	--	--	6500	.90	--	--	--	--	19000
	84-02-14	1505	--	--	8600	--	--	--	--	1100	25000
	84-02-14	1530	--	--	11000	--	--	--	--	1400	29500
	84-05-01	1645	86	--	7700	--	--	--	--	1100	22500
	84-06-11	1500	--	--	11000	--	--	--	--	1500	31000
	84-07-10	1240	--	--	5300	--	--	--	--	--	15500

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
CH-04	84-09-19	1430	85	--	6800	--	--	--	--	910	20200
CH-05	83-03-10	1000	--	--	--	--	--	--	--	--	3800
	83-08-23	1615	--	--	5200	--	--	--	--	--	15700
	83-09-21	1120	--	--	4300	--	--	--	--	--	12400
	84-05-01	1610	88	--	9000	--	--	--	--	1300	26000
	84-07-10	1150	--	--	9700	--	--	--	--	--	26300
	84-09-19	1300	106	--	12000	--	--	--	--	1500	32700
CH-06	82-12-14	1530	108	320	15000	1.1	1000	360	8200	2000	38000
	83-03-09	1200	--	--	3500	--	--	--	--	--	10600
	83-03-09	1245	--	--	4300	--	--	--	--	--	12400
	83-06-13	1420	--	--	12000	--	--	--	--	--	32200
	83-06-13	1435	--	--	13000	--	--	--	--	--	34000
	83-06-29	1245	--	--	10000	--	--	--	--	--	28200
	83-06-29	1246	--	--	--	--	--	--	--	--	--
	83-07-13	1100	--	--	9800	--	--	--	--	--	26500
	83-07-13	1101	--	--	--	--	--	--	--	--	--
	83-07-27	1245	--	--	12000	--	--	--	--	--	31800
	83-08-10	1515	--	--	9200	--	--	--	--	--	25700
	83-08-10	1516	--	--	--	--	--	--	--	--	--
	83-08-23	1015	--	--	6500	--	--	--	--	--	19000
	83-08-23	1016	--	--	--	--	--	--	--	--	--
	83-08-23	1545	--	--	8000	--	--	--	--	--	22700
	83-09-06	1745	--	--	3800	--	--	--	--	--	11300
	83-09-06	1750	--	--	--	--	--	--	--	--	--
	83-09-21	1220	76	130	5200	.90	360	120	2700	720	14800
	83-09-21	1250	96	--	9800	--	--	--	--	1300	26500
	83-10-05	1600	--	--	9600	--	--	--	--	--	26000
	83-11-14	1305	--	--	12000	--	--	--	--	1600	31000
	83-12-14	1300	--	--	13000	--	--	--	--	1700	34000
	84-02-14	1800	--	--	12000	--	--	--	--	1600	34500
	84-05-01	1540	99	190	9500	.90	630	200	5300	--	26300
	84-06-12	1140	--	--	13000	--	--	--	--	1800	35500
	84-06-27	1700	--	--	--	--	--	--	--	--	35100
	84-07-10	1130	--	--	10000	--	--	--	--	--	28700
	84-07-17	1307	--	--	11000	--	--	--	--	--	28000
	84-07-26	1051	--	--	7800	--	--	--	--	--	22600
	84-08-09	1545	--	--	7500	--	--	--	--	--	22100
	84-08-24	1130	--	--	9400	--	--	--	--	--	25400
	84-09-19	1520	102	260	11000	.90	750	230	6000	1500	29800
	84-09-24	1050	--	--	--	--	--	--	--	--	33800

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
CH-06	84-09-26	0845	--	--	--	--	--	--	--	--	34800
	84-09-28	0950	--	--	--	--	--	--	--	--	35800
	84-10-01	1105	--	--	--	--	--	--	--	--	34200
	84-10-03	0930	--	--	--	--	--	--	--	--	35000
	84-10-05	0900	--	--	--	--	--	--	--	--	36000
	84-10-10	0814	--	--	--	--	--	--	--	--	38800
	84-10-15	1000	--	--	--	--	--	--	--	--	40000
	84-10-17	1045	--	--	--	--	--	--	--	--	39700
CH-07	83-03-09	1105	--	--	6600	--	--	--	--	--	19100
	83-06-13	1349	--	--	13000	--	--	--	--	--	34100
	83-09-21	1340	--	--	7900	--	--	--	--	--	22500
	84-05-01	1500	95	--	10000	--	--	--	--	1400	27800
	84-07-17	1137	--	--	11000	--	--	--	--	--	30500
	84-09-19	1220	110	--	12000	--	--	--	--	1600	34600
CH-08	83-03-09	1400	--	--	5300	--	--	--	--	--	15500
	83-06-15	0945	--	--	12000	--	--	--	--	--	31800
	83-09-21	1545	--	--	6000	--	--	--	--	--	17000
	84-05-01	1300	97	--	11000	--	--	--	--	1400	30000
	84-09-19	1545	99	--	10000	--	--	--	--	1300	27800
CH-09	83-03-09	1555	--	--	6900	--	--	--	--	--	19000
	83-06-15	0925	--	--	13000	--	--	--	--	--	35800
	83-09-21	1615	--	--	7600	--	--	--	--	--	21500
	83-11-14	1155	--	--	14000	--	--	--	--	1900	36500
	83-12-14	1215	--	--	15000	--	--	--	--	2000	39100
	84-01-16	1530	--	--	14000	1.2	--	--	--	--	36000
	84-01-16	1615	--	--	15000	1.1	--	--	--	--	38000
	84-02-15	1050	--	--	14000	--	--	--	--	1800	37500
	84-05-01	1220	104	--	12000	--	--	--	--	1600	32300
	84-06-12	1215	--	--	15000	--	--	--	--	2100	40500
	84-09-19	1600	110	--	13000	--	--	--	--	1800	35100
CH-10	83-06-15	0830	--	--	14000	--	--	--	--	--	37100
	83-09-21	1635	--	--	10000	--	--	--	--	--	27500
	84-05-01	1200	101	--	13000	--	--	--	--	1700	34500
	84-09-19	1630	110	--	13000	--	--	--	--	1700	35900
CH-11	82-12-15	1000	115	360	17000	1.2	1200	370	9400	2300	43000
	83-03-09	1530	--	--	12000	--	--	--	--	--	32600
	83-03-09	1545	--	--	12000	--	--	--	--	--	32200
	83-06-15	1015	--	--	16000	--	--	--	--	--	42500
	83-06-15	1030	--	--	17000	--	--	--	--	--	43100
	83-06-29	1020	--	--	16000	--	--	--	--	--	40600

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
CH-11	83-06-29	1021	--	--	--	--	--	--	--	--	--
	83-07-13	1200	--	--	15000	--	--	--	--	--	39300
	83-07-13	1201	--	--	--	--	--	--	--	--	--
	83-07-27	1130	--	--	16000	--	--	--	--	--	40800
	83-07-27	1131	--	--	--	--	--	--	--	--	--
	83-08-10	1630	--	--	18000	--	--	--	--	--	45400
	83-08-10	1631	--	--	--	--	--	--	--	--	--
	83-08-23	1130	--	--	14000	--	--	--	--	--	37800
	83-08-23	1131	--	--	--	--	--	--	--	--	--
	83-09-06	1845	--	--	10000	--	--	--	--	--	28000
	83-09-06	1900	--	--	--	--	--	--	--	--	--
	83-09-22	1210	174	260	13000	.90	820	300	6800	1700	33400
	83-10-05	1415	--	--	15000	--	--	--	--	--	37500
	83-11-15	0855	--	--	18000	--	--	--	--	2400	43100
	84-02-15	1140	--	--	16000	--	--	--	--	2100	42500
	84-04-30	1555	121	300	17000	1.2	1100	360	9700	2400	44000
	84-06-12	1330	--	--	19000	--	--	--	--	2600	49800
	84-06-27	1545	--	--	--	--	--	--	--	--	48900
	84-07-18	0905	--	--	16000	--	--	--	--	--	E43000
	84-07-18	1430	--	--	16000	--	--	--	--	--	41000
	84-07-26	1200	--	--	17000	--	--	--	--	--	45800
	84-08-09	1430	--	--	14000	--	--	--	--	--	37300
	84-08-24	1015	--	--	19000	--	--	--	--	--	--
	84-09-18	1405	112	340	15000	1.1	1000	330	8300	2000	39500
	84-09-24	1115	--	--	--	--	--	--	--	--	46600
	84-09-26	1125	--	--	--	--	--	--	--	--	41400
	84-09-28	1100	--	--	--	--	--	--	--	--	E41000
	84-10-01	1100	--	--	--	--	--	--	--	--	42400
	84-10-03	1130	--	--	--	--	--	--	--	--	47300
	84-10-05	1130	--	--	--	--	--	--	--	--	50100
	84-10-08	1115	--	--	--	--	--	--	--	--	43900
	84-10-10	1100	--	--	--	--	--	--	--	--	43800
	84-10-15	1121	--	--	--	--	--	--	--	--	46200
	84-10-17	1121	--	--	--	--	--	--	--	--	47300
CH-12	83-06-15	1210	--	--	15000	--	--	--	--	--	37800
	83-09-21	1150	--	--	9700	--	--	--	--	--	26500
	84-04-30	1520	101	--	15000	--	--	--	--	2100	39500
	84-09-18	1510	121	--	15000	--	--	--	--	2000	39500
CH-13	83-06-15	1135	--	--	19000	--	--	--	--	--	46100
	83-09-21	1110	112	--	14000	--	--	--	--	2000	37000

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
CH-13	83-11-15	0935	--	--	18000	--	--	--	--	2400	43400
	84-02-15	1330	--	--	18000	--	--	--	--	2400	48400
	84-04-30	1445	108	--	17000	--	--	--	--	2300	45500
	84-06-12	1400	--	--	19000	--	--	--	--	2600	49300
	84-09-18	1540	117	--	17000	--	--	--	--	2300	43500
CH-15	83-09-21	0950	121	360	18000	1.2	1200	440	9900	2400	44600
	84-01-17	1200	--	--	20000	1.3	--	--	--	--	49100
	84-04-30	1320	124	370	19000	1.4	1300	390	10000	2500	48000
	84-09-18	1445	125	420	20000	1.3	1300	420	11000	2700	51200
CH-16	83-06-15	1100	--	--	17000	--	--	--	--	--	44400
	83-09-21	1040	--	--	16000	--	--	--	--	--	41500
	84-04-30	1410	111	--	18000	--	--	--	--	2400	47000
	84-09-18	1330	115	--	15000	--	--	--	--	2100	41400
CH-17	83-09-21	1510	--	--	9300	--	--	--	--	--	26000
	84-05-01	1100	111	--	11000	--	--	--	--	1300	29500
	84-09-20	1210	115	--	13000	--	--	--	--	1700	34800
CH-18	83-03-28	1630	--	--	3700	--	--	--	--	--	11300
	83-06-14	1700	--	--	6800	--	--	--	--	--	19700
	83-09-20	1500	128	--	7200	--	--	--	--	980	20100
	83-11-15	1345	--	--	9400	--	--	--	--	--	25500
	83-12-15	1310	--	--	12000	--	--	--	--	1700	33000
	84-02-16	1200	--	--	13000	--	--	--	--	1700	36000
	84-05-01	1120	132	180	8000	.80	550	170	4600	1100	23000
	84-06-13	0915	--	--	11000	--	--	--	--	1500	29400
	84-09-20	1300	126	250	9600	.80	650	200	5000	1300	27500
	84-09-24	1715	--	--	--	--	--	--	--	--	28700
	84-09-26	1524	--	--	--	--	--	--	--	--	25800
	84-09-28	0910	--	--	--	--	--	--	--	--	E27000
	84-10-01	2030	--	--	--	--	--	--	--	--	27600
	84-10-03	2015	--	--	--	--	--	--	--	--	26900
	84-10-05	1045	--	--	--	--	--	--	--	--	29500
	84-10-08	1115	--	--	--	--	--	--	--	--	27400
	84-10-10	1415	--	--	--	--	--	--	--	--	27100
	84-10-15	1625	--	--	--	--	--	--	--	--	30100
	84-10-17	1720	--	--	--	--	--	--	--	--	29900
CH-19	83-09-21	1230	--	--	17000	--	--	--	--	--	42500
	84-04-30	1625	120	--	18000	--	--	--	--	2300	44600
	84-09-18	1415	124	--	16000	--	--	--	--	2200	43300
CH-20	83-03-28	0950	--	--	16000	--	--	--	--	--	39900
	83-09-21	1300	125	--	19000	--	--	--	--	2000	46500

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
CH-20	83-11-15	1022	--	--	19000	--	--	--	--	2600	45000
	84-01-17	1320	--	--	18000	1.3	--	--	--	--	47000
	84-01-17	1355	--	--	19000	1.4	--	--	--	--	47600
	84-02-15	1530	--	--	18000	--	--	--	--	2400	45500
	84-04-30	1650	118	--	18000	--	--	--	--	2300	46500
	84-06-12	1500	--	--	19000	--	--	--	--	2600	49500
	84-07-18	1000	--	--	18000	--	--	--	--	--	47500
	84-09-20	1330	130	--	19000	--	--	--	--	2500	49700
CH-21	83-06-14	1230	--	--	19000	--	--	--	--	--	49000
	83-09-21	1330	--	--	19000	--	--	--	--	--	46500
	84-04-30	1710	123	--	18000	--	--	--	--	2200	46000
	84-09-20	1410	130	--	19000	--	--	--	--	2600	49300
CH-22	83-03-28	1115	--	--	12000	--	--	--	--	--	34000
	83-06-14	1155	--	--	17000	--	--	--	--	--	43500
	83-06-29	1500	--	--	16000	--	--	--	--	--	42200
	83-06-29	1501	--	--	--	--	--	--	--	--	--
	83-07-13	1311	--	--	--	--	--	--	--	--	--
	83-07-27	1430	--	--	19000	--	--	--	--	--	47500
	83-07-27	1431	--	--	--	--	--	--	--	--	--
	83-08-09	1130	--	--	16000	--	--	--	--	--	41200
	83-08-09	1131	--	--	--	--	--	--	--	--	--
	83-08-24	1515	--	--	18000	--	--	--	--	--	43500
	83-08-24	1516	--	--	--	--	--	--	--	--	--
	83-09-07	1203	--	--	16000	--	--	--	--	--	41200
	83-09-07	1215	--	--	--	--	--	--	--	--	--
	83-09-21	1355	--	--	16000	--	--	--	--	--	41500
	83-10-04	1240	--	--	17000	--	--	--	--	--	43000
	83-11-15	1105	--	--	17000	--	--	--	--	2400	--
	84-02-15	1630	--	--	18000	--	--	--	--	2400	47500
	84-04-30	1740	136	--	16000	--	--	--	--	2000	41500
	84-06-12	1545	--	--	17000	--	--	--	--	2300	44200
	84-06-27	1430	--	--	--	--	--	--	--	--	47800
	84-07-18	1320	--	--	15000	--	--	--	--	--	39000
	84-07-26	1310	--	--	16000	--	--	--	--	--	41200
	84-08-09	1730	--	--	17000	--	--	--	--	--	43000
	84-08-23	1102	--	--	19000	--	--	--	--	--	45600
	84-09-20	1530	135	--	18000	--	--	--	--	2400	45400
	84-09-24	1300	--	--	--	--	--	--	--	--	46400
	84-09-26	1115	--	--	--	--	--	--	--	--	47000
	84-09-28	0900	--	--	--	--	--	--	--	--	47400

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
CH-22	84-10-01	1945	--	--	--	--	--	--	--	--	46900
	84-10-05	0945	--	--	--	--	--	--	--	--	48400
	84-10-08	1045	--	--	--	--	--	--	--	--	49700
	84-10-10	1315	--	--	--	--	--	--	--	--	49000
	84-10-15	0900	--	--	--	--	--	--	--	--	50300
	84-10-17	1645	--	--	--	--	--	--	--	--	50700
CH-23	83-03-28	1545	--	--	5400	--	--	--	--	--	15800
	83-06-14	1330	--	--	9600	--	--	--	--	--	27100
	83-09-22	1100	--	--	8800	--	--	--	--	--	24500
	84-05-01	1205	127	--	10000	--	--	--	--	1300	27800
	84-09-20	1345	122	--	11000	--	--	--	--	1500	30600
CH-24	83-03-28	1230	--	--	11000	--	--	--	--	--	29300
	83-06-14	1115	--	--	14000	--	--	--	--	--	37400
	83-09-22	1030	127	--	14000	--	--	--	--	1900	36000
	84-05-01	1230	122	--	15000	--	--	--	--	1900	40000
	84-09-20	1610	125	--	16000	--	--	--	--	2100	41600
CH-25	83-03-28	1300	--	--	16000	--	--	--	--	--	39800
	83-06-14	1045	--	--	14000	--	--	--	--	--	35400
	83-09-22	1005	--	--	12000	--	--	--	--	--	31500
	83-11-15	1155	--	--	17000	--	--	--	--	2300	42000
	83-12-15	1000	--	--	17000	--	--	--	--	2300	45000
	84-02-16	1400	--	--	18000	--	--	--	--	2400	47600
	84-05-01	1250	124	--	17000	--	--	--	--	2200	44000
	84-06-13	1030	--	--	19000	--	--	--	--	2500	49200
	84-09-20	1530	123	--	14000	--	--	--	--	1800	37000
CH-26	83-06-14	1000	--	370	18000	1.6	1200	340	9400	2400	45100
	83-09-22	0945	122	--	17000	--	--	--	--	1800	42500
	84-05-01	1320	127	410	19000	1.4	1200	390	10000	2600	47500
CH-27	82-12-07	1020	125	340	16000	1.1	1100	380	8700	2100	40500
	82-12-16	1100	128	370	17000	1.2	1200	420	9500	2300	43500
	83-03-28	1510	--	--	1600	--	--	--	--	--	5400
	83-06-14	0915	--	--	5100	--	--	--	--	--	15200
	83-09-22	1130	122	140	4800	.50	320	110	2500	670	13900
	83-11-15	1250	--	--	12000	--	--	--	--	1800	32500
	83-12-15	1100	--	--	14000	--	--	--	--	1800	36000
	84-02-16	1050	--	--	11000	--	--	--	--	1500	32200
	84-05-01	1415	124	--	14000	--	--	--	--	1800	37000
	84-06-13	0950	--	--	12000	--	--	--	--	1600	--
	84-09-20	1430	122	--	12000	--	--	--	--	1600	32500
CH-28	82-12-07	1320	137	--	7800	.70	--	--	--	540	22500

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
CH-28	83-06-14	1515	--	--	160	--	--	--	--	--	830
	83-07-18	1540	--	--	900	--	--	--	--	--	--
	83-07-25	1000	--	--	2800	--	--	--	--	--	--
	83-08-02	0830	--	--	2800	--	--	--	--	--	--
	83-08-02	0831	--	--	4300	--	--	--	--	--	--
	83-08-08	1245	--	--	2100	--	--	--	--	--	--
	83-08-08	1246	--	--	2200	--	--	--	--	--	--
	83-08-23	1225	--	--	180	--	--	--	--	--	--
	83-08-23	1226	--	--	350	--	--	--	--	--	--
	83-09-06	0905	--	--	46	--	--	--	--	--	--
	83-09-06	0906	--	--	44	--	--	--	--	--	--
	83-09-20	1315	132	54	69	.30	9.7	3.6	39	28	530
	83-09-20	1316	--	--	60	--	--	--	--	--	--
	83-10-04	1030	--	--	460	--	--	--	--	--	--
	83-10-04	1031	--	--	1800	--	--	--	--	--	--
	83-10-18	1230	--	--	160	--	--	--	--	--	--
	83-10-18	1231	--	--	1800	--	--	--	--	--	--
	83-11-07	1020	--	--	1600	--	--	--	--	180	5450
	83-11-07	1022	--	--	3500	--	--	--	--	--	--
	83-12-14	0900	--	--	4000	--	--	--	--	580	12000
	83-12-14	0901	--	--	6400	--	--	--	--	--	--
	84-02-16	0900	--	--	4400	--	--	--	--	560	13800
	84-05-09	0940	108	47	320	.30	33	9.4	180	78	1140
	84-06-14	1415	--	--	3000	--	--	--	--	440	9600
	84-08-28	0915	115	45	54	.40	9.2	2.7	31	26	451
CH-29	83-09-21	0915	29	13	15	.50	5.1	2.7	8.0	20	158
	83-11-14	1545	--	--	96	--	--	--	--	72	629
	83-12-14	1635	--	--	510	--	--	--	--	120	1900
	84-02-14	1355	--	--	1400	--	--	--	--	220	5200
	84-04-30	1700	49	38	700	.90	60	17	400	120	2500
	84-06-12	1045	--	--	2000	--	--	--	--	330	6500
	84-07-10	1415	--	--	140	--	--	--	--	--	640
	84-09-19	1320	56	34	290	.80	28	9.7	160	76	1230
CH-30	83-09-22	1120	92	--	9100	--	--	--	--	1200	25500
	83-11-14	1210	--	--	14000	--	--	--	--	1900	35600
	83-12-14	1110	--	--	15000	--	--	--	--	2000	40000
	84-02-15	1010	--	--	14000	--	--	--	--	1900	39000
	84-05-01	1030	98	--	13000	--	--	--	--	1700	34000
	84-06-12	1245	--	--	16000	--	--	--	--	2200	41500
	84-09-18	1255	114	--	14000	--	--	--	--	1900	38600

Table 15.-- Concentrations of selected ions and related variables at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	ALKALINITY LAB (MG/L AS CACO3)	CALCIUM DISSOLVED (MG/L AS CA)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	MAGNESIUM, DISSOLVED (MG/L AS MG)	POTASSIUM, DISSOLVED (MG/L AS K)	SODIUM, DISSOLVED (MG/L AS NA)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
MK-70	82-12-07	1130	131	300	13000	.90	940	320	7400	1800	35000
	83-03-28	1430	--	--	83	--	--	--	--	--	510
S-15	83-09-21	1505	--	--	4900	--	--	--	--	--	14500
	84-05-01	1340	91	--	9900	--	--	--	--	1400	27500
	84-09-19	1530	101	--	10000	--	--	--	--	1400	28900
S-19	83-09-21	1430	--	--	6600	--	--	--	--	--	18000
	84-05-01	1400	91	--	10000	--	--	--	--	1500	29500
	84-09-19	1620	110	--	13000	--	--	--	--	1700	35100
S-20	83-09-21	1405	--	--	9400	--	--	--	--	--	25500
	84-05-01	1430	93	--	11000	--	--	--	--	1500	29500
	84-09-19	1645	109	--	13000	--	--	--	--	1800	35600

Table 16.-- Concentrations of selected metals at the Charlotte Harbor water-quality sites

SITE CODE	DATE OF SAMPLE	BORON, TOTAL RECOVERABLE (UG/L AS B)	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	IRON, TOTAL RECOVERABLE (UG/L AS FE)	IRON, DISSOLVED (UG/L AS FE)	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	STRONTIUM, DISSOLVED (UG/L AS SR)	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)
CH-01	83-09-20	140	2	2	400	--	10	2	--	--	<10
	84-04-30	600	2	1	390	--	20	2	3	--	<10
	84-09-19	560	1	1	290	--	10	2	2	--	30
CH-02	82-12-15	--	1	40	380	--	30	8	4	5400	50
	83-09-20	450	2	6	330	--	20	3	--	--	20
	84-04-30	2100	<1	<1	180	--	10	5	2	--	30
	84-09-19	2000	2	3	630	--	30	4	3	--	10
CH-04	82-12-14	--	2	20	380	--	30	8	2	3900	30
	83-09-21	60	2	2	450	--	20	2	--	--	10
	83-09-21	150	1	5	440	--	20	2	--	--	10
	84-05-01	1900	1	1	180	--	30	5	2	--	40
	84-09-19	2600	1	1	300	--	40	5	<1	--	10
CH-06	82-12-14	--	2	60	220	--	30	8	4	6100	140
	83-09-21	1300	2	14	280	--	30	4	--	--	20
	83-09-21	2300	2	26	320	--	40	8	--	--	50
	84-05-01	2300	2	1	150	--	30	7	2	--	40
	84-09-19	1700	1	1	290	--	30	4	<1	--	20
CH-09	84-05-01	2900	<1	1	130	--	30	8	5	--	30
	84-09-19	3000	<1	<1	210	--	30	6	<1	--	20
CH-11	82-12-15	--	2	50	260	--	40	12	3	6700	30
	83-09-22	2900	2	22	340	--	40	9	--	--	--
	84-04-30	3600	<1	1	210	--	40	10	1	--	40
	84-09-18	3300	3	<1	280	--	40	7	1	--	10
CH-13	83-09-21	3400	1	33	420	--	40	9	--	--	40
	84-04-30	4600	<1	4	300	--	40	10	2	--	70
	84-09-18	3900	2	1	300	--	50	8	2	--	20
CH-15	84-04-30	4600	<1	1	190	--	50	10	1	--	30
	84-09-18	4500	2	<1	290	--	50	9	2	--	30
CH-18	83-09-20	1800	2	19	240	--	20	7	--	--	30
	84-05-01	2100	<1	2	180	--	20	5	4	--	30
	84-09-20	2400	1	1	200	--	30	5	1	--	20
CH-20	83-09-21	4200	4	43	500	--	40	12	--	--	30
	84-04-30	4500	<1	<1	200	--	50	10	1	--	40
	84-09-20	4500	1	<1	270	--	50	8	1	--	20
CH-22	84-04-30	3100	1	1	210	--	30	10	1	--	40
	84-09-20	4100	1	<1	220	--	10	8	<1	--	20
CH-24	83-09-22	3100	2	34	400	--	50	9	--	--	40

Table 16.-- Concentrations of selected metals at the Charlotte Harbor water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	BORON, TOTAL RECOV-ERABLE (UG/L AS B)	COBALT, TOTAL RECOV-ERABLE (UG/L AS CO)	COPPER, TOTAL RECOV-ERABLE (UG/L AS CU)	IRON, TOTAL RECOV-ERABLE (UG/L AS FE)	IRON, DIS-SOLVED (UG/L AS FE)	MANGA-NESE, TOTAL RECOV-ERABLE (UG/L AS MN)	MOLYB-DENUM, TOTAL RECOV-ERABLE (UG/L AS MO)	NICKEL, TOTAL RECOV-ERABLE (UG/L AS NI)	STRON-TIUM, DIS-SOLVED (UG/L AS SR)	ZINC, TOTAL RECOV-ERABLE (UG/L AS ZN)
CH-25	84-05-01	4300	2	<1	210	--	60	9	2	--	30
	84-09-20	3300	1	1	210	--	40	6	1	--	20
CH-26	83-06-14	--	--	--	--	--	--	--	--	7000	--
	83-09-22	4000	1	41	480	--	40	10	--	--	30
	84-05-01	4400	1	<1	190	--	40	10	1	--	40
CH-27	82-12-07	--	--	--	--	10	--	--	--	6400	--
	82-12-16	--	10	50	580	--	40	12	7	6600	170
	83-09-22	1300	1	8	220	--	20	5	--	--	10
	84-05-01	3600	1	1	390	--	30	8	2	--	30
	84-09-20	2800	2	1	220	--	30	5	2	--	20
CH-28	83-09-20	40	2	5	370	--	10	2	--	--	20
	84-05-09	130	1	3	200	--	10	2	2	--	20
	84-08-28	70	1	5	450	--	10	2	4	--	10
CH-29	83-09-21	70	1	3	530	--	20	2	--	--	10
	84-04-30	230	2	1	280	--	10	3	2	--	10
	84-09-19	100	1	2	490	--	20	2	<1	--	20
CH-30	83-09-22	2100	<1	23	300	--	30	7	--	--	20
	84-05-01	3000	2	7	180	--	30	8	2	--	30
	84-09-18	3400	2	1	280	--	40	6	<1	--	20
MK-70	82-12-07	--	--	--	--	0	--	--	--	5500	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-01					
P00003	SAMPLING DEPTH (FEET)	9	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	9	25.0	3.7	21.6	30.0
P00300	OXYGEN, DISSOLVED (MG/L)	8	7.1	1.3	5.4	9.2
P00095	SPECIFIC CONDUCTANCE (UMHOS)	10	7900	6570	373	19800
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	7	1134	777	260	2050
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	5	3.2	1.0	2.4	4.9
P00077	TRANSPARENCY (SECCHI DISK) (IN)	9	28	8	18	40
P00080	COLOR (PLATINUMCOBALT UNITS)	7	81	34	40	150
P00076	TURBIDITY (NTU)	4	1.3	0.9	0.5	2.6
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	6	9	5	3	16
P00600	NITROGEN, TOTAL (MG/L AS N)	4	0.91	0.08	0.79	0.98
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.79	--	0.79	0.79
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	7	0.82	0.10	0.67	0.98
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	7	0.63	0.10	0.50	0.77
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	7	0.04	0.02	0.02	0.07
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	7	0.03	0.02	0.01	0.06
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	3	0.03	0.02	0.02	0.05
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	3	0.05	0.03	0.01	0.07
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	6	0.01	0.00	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	7	0.01	0.01	0.00	0.02
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	10	0.84	0.09	0.72	1.00
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	7	0.66	0.10	0.52	0.80
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	6	0.02	0.02	0.00	0.06
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	7	0.03	0.03	0.00	0.08
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	10	0.22	0.04	0.17	0.27
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7	0.16	0.03	0.11	0.20
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	10	0.16	0.04	0.11	0.21
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	7	0.13	0.03	0.10	0.17
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	8	13.6	2.6	9.6	18.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	4	15.3	3.3	13.0	20.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.0	--	0.0	0.0
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	8	2.8	1.1	1.7	4.8
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	8	4.3	2.5	1.7	9.8
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	8	0.1	0.3	0.0	0.9
P90410	ALKALINITY LAB (MG/L AS CACO3)	4	79	25	45	100
P00915	CALCIUM DISSOLVED (MG/L AS CA)	3	72	42	24	100
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	9	2227	2111	69	6000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	4	0.4	0.2	0.1	0.6
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	115.8	93.8	7.5	170.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	3	34.3	28.2	1.9	53.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	3	879.7	728.0	39.0	1300.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	7	406	298	29	900
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	433	255	140	600
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	3	2	1	1	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	3	1	1	1	2
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	3	360	61	290	400
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	3	13	6	10	20
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	3	2	0	2	2
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	3	1	2	3
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	3	10	17	0	30

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-02				
P00003	SAMPLING DEPTH (FEET)	9	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	9	25.8	4.2	20.5	30.9
P00300	OXYGEN, DISSOLVED (MG/L)	9	7.3	1.3	4.9	9.5
P00095	SPECIFIC CONDUCTANCE (UMHOS)	9	22700	10400	4740	32500
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	7	984	707	130	1950
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	6	5.1	1.9	2.6	7.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	9	43	23	20	82
P00080	COLOR (PLATINUMCOBALT UNITS)	7	56	51	25	170
P00076	TURBIDITY (NTU)	4	3.2	3.0	1.5	7.7
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	9	11	11	1	36
P00600	NITROGEN, TOTAL (MG/L AS N)	3	0.92	0.30	0.60	1.20
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.49	--	0.49	0.49
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	8	0.71	0.19	0.53	1.10
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	6	0.53	0.13	0.40	0.70
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	8	0.05	0.02	0.03	0.09
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	8	0.04	0.02	0.02	0.08
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	2	0.03	0.03	0.01	0.06
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	4	0.03	0.03	0.01	0.06
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	6	0.01	0.01	0.00	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	8	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	11	0.75	0.18	0.57	1.20
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	6	0.57	0.13	0.46	0.74
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	6	0.02	0.03	0.00	0.08
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	8	0.02	0.03	0.00	0.07
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	11	0.26	0.06	0.21	0.41
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	8	0.21	0.02	0.17	0.24
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	10	0.21	0.05	0.15	0.34
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	8	0.19	0.02	0.14	0.21
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	10	10.0	4.0	7.1	18.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	4	10.2	4.6	6.8	17.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.0	--	0.0	0.0
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	10	1.6	1.0	0.2	3.3
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	9	7.1	4.7	1.2	16.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	9	0.1	0.4	0.0	1.3
P90410	ALKALINITY LAB (MG/L AS CACO3)	4	90	21	59	105
P00915	CALCIUM DISSOLVED (MG/L AS CA)	1	280	--	280	280
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	10	7890	3652	1400	12000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	1.0	0.1	0.9	1.0
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	870.0	--	870.0	870.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	300.0	--	300.0	300.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	1	6700.0	--	6700.0	6700.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	8	1209	468	170	1700
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	1517	925	450	2100
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	4	1	1	0	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	4	12	19	0	40
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	4	380	187	180	630
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	4	23	10	10	30
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	4	5	2	3	8
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	3	3	1	2	4
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	4	28	17	10	50

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-C3					
P00003	SAMPLING DEPTH (FEET)	5	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	5	27.7	3.5	22.4	32.0
P00300	OXYGEN, DISSOLVED (MG/L)	4	7.3	1.2	6.0	8.5
P00095	SPECIFIC CONDUCTANCE (UMHOS)	4	19800	12000	8850	31660
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	4	901	585	130	1525
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	3	4.6	2.4	2.7	7.3
P00077	TRANSPARENCY (SECCHI DISK) (IN)	5	35	15	19	54
P00080	COLOR (PLATINUMCOBALT UNITS)	2	43	4	40	45
P00076	TURBIDITY (NTU)	2	2.9	2.3	1.3	4.6
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	5	10	5	3	18
P00600	NITROGEN, TOTAL (MG/L AS N)	3	0.98	0.14	0.83	1.10
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	4	0.78	0.17	0.60	0.96
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.59	0.02	0.57	0.60
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	4	0.04	0.01	0.03	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.10	--	0.10	0.10
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	4	0.00	0.01	0.00	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	5	0.81	0.15	0.63	1.00
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.62	0.03	0.60	0.64
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	5	0.04	0.05	0.00	0.12
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	5	0.31	0.07	0.23	0.41
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.22	0.01	0.21	0.23
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	4	0.26	0.07	0.21	0.36
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.20	0.00	0.20	0.20
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	5	11.0	4.2	7.0	16.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	15.0	--	15.0	15.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.2	0.1	0.1	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	5	2.4	1.9	0.5	5.6
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	6.2	4.5	2.0	11.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	100	3	98	102
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	5	7100	3831	2900	11000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1250	71	1200	1300
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-04					
P00003	SAMPLING DEPTH (FEET)	8	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	7	26.0	3.9	21.4	30.7
P00300	OXYGEN, DISSOLVED (MG/L)	7	6.6	1.8	3.8	9.0
P00095	SPECIFIC CONDUCTANCE (UMHOS)	8	20600	10800	300	32600
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	8	1440	509	600	2000
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	4	4.4	1.4	2.7	6.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	8	38	13	23	55
P00080	COLOR (PLATINUMCOBALT UNITS)	7	56	48	20	160
P00076	TURBIDITY (NTU)	4	2.8	0.5	2.3	3.5
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	9	11	6	3	21
P00600	NITROGEN, TOTAL (MG/L AS N)	4	1.11	0.31	0.84	1.50
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.80	--	0.80	0.80
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	8	0.83	0.26	0.55	1.40
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	7	0.62	0.13	0.44	0.80
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	8	0.05	0.03	0.02	0.10
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	8	0.04	0.03	0.02	0.10
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	4	0.13	0.11	0.01	0.26
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	4	0.19	0.09	0.09	0.30
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	6	0.01	0.00	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	8	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	11	0.86	0.21	0.58	1.40
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	7	0.66	0.13	0.50	0.82
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	6	0.09	0.11	0.00	0.27
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	8	0.10	0.12	0.00	0.31
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	11	0.53	0.19	0.33	0.98
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	8	0.44	0.19	0.28	0.89
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	10	0.40	0.10	0.28	0.63
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	8	0.42	0.20	0.27	0.89
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	9	10.4	3.5	7.6	19.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	4	11.9	5.0	8.1	19.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.2	--	0.2	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	9	2.4	1.5	0.2	4.6
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	9	10.2	10.2	0.0	30.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	10	0.2	0.5	0.0	1.5
P90410	ALKALINITY LAB (MG/L AS CACO3)	4	73	27	32	89
P00915	CALCIUM DISSOLVED (MG/L AS CA)	1	200	--	200	200
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	12	6897	3039	60	11000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	1.1	0.3	0.9	1.3
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	600.0	--	600.0	600.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	180.0	--	180.0	180.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	1	4600.0	--	4600.0	4600.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	8	1029	452	22	1500
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	1520	1312	60	2600
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	4	2	1	1	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	4	6	9	1	20
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	4	328	116	180	450
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	4	30	8	20	40
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	4	5	2	2	8
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	3	1	1	0	2
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	4	23	15	10	40

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-C5					
P00003	SAMPLING DEPTH (FEET)	4	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	3	26.7	5.8	20.5	32.0
P00300	OXYGEN, DISSOLVED (MG/L)	3	7.4	1.4	5.8	8.5
P00095	SPECIFIC CONDUCTANCE (UMHOS)	5	18300	11800	3950	33500
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	3	1655	1385	65	2600
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	2	2.3	1.1	1.5	3.1
P00077	TRANSPARENCY (SECCHI DISK) (IN)	5	31	13	14	46
P00080	COLOR (PLATINUMCOBALT UNITS)	2	40	14	30	50
P00076	TURBIDITY (NTU)	2	1.8	0.5	1.5	2.2
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	5	10	6	2	18
P00600	NITROGEN, TOTAL (MG/L AS N)	4	1.98	1.96	0.78	4.90
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	5	0.77	0.18	0.52	0.98
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.57	0.01	0.56	0.58
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	5	0.04	0.02	0.02	0.07
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.03	0.01	0.02	0.04
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	3	0.09	0.14	0.00	0.25
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	5	0.01	0.01	0.00	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	6	1.48	1.64	0.56	4.80
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.60	0.03	0.58	0.62
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	6	0.07	0.11	0.00	0.27
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.01	0.01	0.00	0.02
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	6	0.45	0.19	0.26	0.69
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.22	0.01	0.21	0.23
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	5	0.35	0.15	0.19	0.55
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.20	0.03	0.18	0.22
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	4	18.2	14.9	4.5	38.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	18.0	--	18.0	18.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.0	--	0.0	0.0
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	4	3.1	1.7	1.9	5.6
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	60.3	95.0	5.5	170.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	97	13	88	106
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	5	8040	3218	4300	12000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1400	141	1300	1500
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-06				
P00003	SAMPLING DEPTH (FEET)	29	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	17	27.8	4.1	19.5	32.0
P00300	OXYGEN, DISSOLVED (MG/L)	11	7.3	1.0	5.5	8.6
P00095	SPECIFIC CONDUCTANCE (UMHOS)	14	27000	8420	11590	37000
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	8	1567	1006	42	3000
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	6	6.6	1.8	3.6	8.8
P00077	TRANSPARENCY (SECCHI DISK) (IN)	20	48	17	24	88
P00080	COLOR (PLATINUMCOBALT UNITS)	8	31	22	10	80
P00076	TURBIDITY (NTU)	3	1.3	1.4	0.3	2.9
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	9	8	7	1	23
P00600	NITROGEN, TOTAL (MG/L AS N)	8	0.88	0.14	0.69	1.20
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	19	0.75	0.24	0.29	1.50
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	7	0.47	0.24	0.03	0.72
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	28	0.04	0.02	0.00	0.11
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	8	0.11	0.22	0.02	0.65
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	4	0.04	0.08	0.00	0.16
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	2	0.05	0.05	0.01	0.08
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	26	0.00	0.01	0.00	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	8	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	24	0.80	0.24	0.40	1.50
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	7	0.59	0.13	0.42	0.74
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	26	0.01	0.03	0.00	0.18
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	7	0.02	0.03	0.00	0.09
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	24	0.25	0.08	0.16	0.44
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	8	0.22	0.06	0.15	0.37
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	10	0.24	0.08	0.16	0.37
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	8	0.20	0.06	0.15	0.33
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	10	8.5	3.8	5.0	16.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	3	6.1	1.7	4.4	7.7
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.0	--	0.0	0.0
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	21	2.5	1.9	0.1	5.9
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	20	10.4	10.7	0.6	42.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	20	0.0	0.1	0.0	0.6
P90410	ALKALINITY LAB (MG/L AS CACO3)	4	96	14	76	108
P00915	CALCIUM DISSOLVED (MG/L AS CA)	4	225	83	130	320
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	23	9602	2937	3500	15000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	4	1.0	0.1	0.9	1.1
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	685.0	265.9	360.0	1000.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	4	227.5	99.8	120.0	360.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	4	5550.0	2266.4	2700.0	8200.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	7	1560	405	720	2000
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	1767	503	1300	2300
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	4	2	1	1	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	4	19	28	1	60
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	4	235	65	150	290
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	4	30	0	30	30
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	4	6	2	4	8
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	3	2	2	0	4
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	4	55	57	20	140

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-07					
P00003	SAMPLING DEPTH (FEET)	5	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	5	27.9	3.4	22.1	30.4
P00300	OXYGEN, DISSOLVED (MG/L)	4	6.7	1.7	5.1	9.2
P00095	SPECIFIC CONDUCTANCE (UMHOS)	5	28000	7200	20600	35680
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	4	1688	922	550	2800
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	4.0	--	4.0	4.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	5	43	10	30	56
P00080	COLOR (PLATINUMCOBALT UNITS)	3	37	6	30	40
P00076	TURBIDITY (NTU)	2	1.8	0.8	1.2	2.4
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	5	7	5	3	13
P00600	NITROGEN, TOTAL (MG/L AS N)	4	0.98	0.33	0.61	1.30
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	4	0.74	0.18	0.55	0.99
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.55	0.07	0.50	0.60
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	4	0.06	0.04	0.03	0.11
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.06	0.05	0.03	0.10
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	3	0.03	0.03	0.00	0.05
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.00	--	0.00	0.00
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	4	0.01	0.00	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	5	0.89	0.29	0.60	1.30
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.62	0.12	0.53	0.70
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	5	0.03	0.03	0.00	0.06
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	5	0.25	0.05	0.20	0.33
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.19	0.02	0.17	0.20
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	4	0.20	0.03	0.18	0.25
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.17	0.00	0.17	0.17
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	5	9.2	2.6	7.0	12.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	10.0	--	10.0	10.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.1	0.1	0.0	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	5	1.7	1.3	0.1	3.6
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	5	13.6	20.4	3.0	50.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	5	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	103	11	95	110
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	6	10083	2447	6600	13000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1500	141	1400	1600
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-08					
P00003	SAMPLING DEPTH (FEET)	5	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	5	26.7	2.8	22.0	29.4
P00300	OXYGEN, DISSOLVED (MG/L)	3	7.6	0.5	7.3	8.1
P00095	SPECIFIC CONDUCTANCE (UMHOS)	5	25700	8310	16700	34140
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	4	1725	357	1250	2000
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	2	6.7	0.4	6.4	7.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	5	41	21	20	74
P00080	COLOR (PLATINUMCOBALT UNITS)	2	35	7	30	40
P00076	TURBIDITY (NTU)	2	4.3	3.8	1.6	7.0
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	5	16	13	6	36
P00600	NITROGEN, TOTAL (MG/L AS N)	4	0.91	0.21	0.71	1.20
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	4	0.79	0.28	0.61	1.20
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	1	0.60	--	0.60	0.60
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	4	0.04	0.02	0.02	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	1	0.03	--	0.03	0.03
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	3	0.04	0.08	0.00	0.13
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	4	0.01	0.01	0.00	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	5	0.82	0.22	0.64	1.20
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.91	0.40	0.63	1.20
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	5	0.04	0.06	0.00	0.15
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	1	0.00	--	0.00	0.00
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	5	0.29	0.06	0.18	0.33
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.19	0.04	0.16	0.22
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	4	0.22	0.06	0.16	0.28
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.17	0.01	0.16	0.18
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	5	9.8	3.5	6.4	14.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	12.0	--	12.0	12.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.1	0.1	0.0	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	5	1.3	1.1	0.1	2.4
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	5.1	3.1	1.9	8.1
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	98	1	97	99
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	5	8860	3025	5300	12000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1350	71	1300	1400
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-C9					
P00003	SAMPLING DEPTH (FEET)	9	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	9	25.0	4.2	18.4	29.9
P00300	OXYGEN, DISSOLVED (MG/L)	7	7.3	1.2	5.1	8.9
P00095	SPECIFIC CONDUCTANCE (UMHOS)	9	34700	7970	21000	42400
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	8	1563	416	1000	2000
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	6	9.0	3.7	4.8	13.5
P00077	TRANSPARENCY (SECCHI DISK) (IN)	9	76	44	26	154
P00080	COLOR (PLATINUMCOBALT UNITS)	5	18	10	5	30
P00076	TURBIDITY (NTU)	2	1.6	0.6	1.2	2.0
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	9	10	16	1	52
P00600	NITROGEN, TOTAL (MG/L AS N)	4	0.78	0.13	0.67	0.96
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.36	--	0.36	0.36
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	6	0.59	0.17	0.37	0.82
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	5	0.36	0.12	0.26	0.53
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	6	0.04	0.01	0.03	0.05
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	5	0.04	0.01	0.03	0.06
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	2	0.04	0.06	0.00	0.08
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	5	0.01	0.01	0.00	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	6	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	9	0.61	0.15	0.41	0.86
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	6	0.41	0.10	0.30	0.56
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	6	0.02	0.04	0.00	0.10
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	6	0.00	0.01	0.00	0.02
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	9	0.19	0.07	0.11	0.32
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	6	0.15	0.03	0.10	0.18
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	8	0.15	0.04	0.11	0.24
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	6	0.12	0.02	0.10	0.14
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	9	6.7	3.0	3.8	13.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	4	6.4	3.2	3.8	11.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.2	0.1	0.1	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	9	1.5	0.8	0.1	2.4
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	3.3	3.4	0.0	10.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	107	4	104	110
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	9	12278	3014	6900	15000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	6	1867	175	1600	2100
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	2	2950	71	2900	3000
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	2	0	0	0	0
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	2	1	1	0	1
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	2	170	57	130	210
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	2	30	0	30	30
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	2	7	1	6	8
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	3	4	0	5
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	2	25	7	20	30

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-10					
P00003	SAMPLING DEPTH (FEET)	4	0.9	0.3	0.5	1.0
P00010	TEMPERATURE (DEG C)	4	28.6	1.6	26.5	30.2
P00300	OXYGEN, DISSOLVED (MG/L)	2	8.1	2.4	6.4	9.8
P00095	SPECIFIC CONDUCTANCE (UMHOS)	4	35100	5570	27300	40470
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	3	1533	404	1100	1900
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	2	38	1	37	38
P00080	COLOR (PLATINUMCOBALT UNITS)	2	23	4	20	25
P00076	TURBIDITY (NTU)	2	1.5	0.9	0.8	2.1
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	4	8	3	5	11
P00600	NITROGEN, TOTAL (MG/L AS N)	3	0.74	0.20	0.51	0.87
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	3	0.57	0.19	0.45	0.79
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	1	0.46	--	0.46	0.46
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	3	0.04	0.01	0.03	0.05
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	1	0.03	--	0.03	0.03
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	4	0.67	0.19	0.50	0.86
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	1	0.49	--	0.49	0.49
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	4	0.01	0.00	0.00	0.02
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	1	0.00	--	0.00	0.00
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	4	0.18	0.05	0.12	0.[illegible]
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.15	0.06	0.11	0.[illegible]
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	3	0.14	0.03	0.12	0.[illegible]
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.13	0.03	0.11	0.[illegible]
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	4	6.3	2.1	4.0	8.[illegible]
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	7.8	--	7.8	7.[illegible]
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.2	--	0.2	0.[illegible]
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	4	1.3	1.0	0.1	2.[illegible]
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	4.1	3.0	1.2	7.[illegible]
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	105	6	101	110
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	4	12500	1732	10000	14000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1700	0	1700	1700
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-11					
P00003	SAMPLING DEPTH (FEET)	30	1.0	0.1	0.5	1.0
P00010	TEMPERATURE (DEG C)	18	28.3	4.0	17.6	32.5
P00300	OXYGEN, DISSOLVED (MG/L)	12	6.5	0.6	5.5	7.6
P00095	SPECIFIC CONDUCTANCE (UMHOS)	13	43700	6150	33300	52500
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	5	1610	360	1050	2000
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	3	10.2	2.0	8.2	12.2
P00077	TRANSPARENCY (SECCHI DISK) (IN)	16	78	25	22	118
P00080	COLOR (PLATINUMCOBALT UNITS)	7	11	9	0	25
P00076	TURBIDITY (NTU)	4	1.0	0.8	0.3	2.1
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	7	12	12	2	35
P00600	NITROGEN, TOTAL (MG/L AS N)	6	0.63	0.11	0.46	0.75
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.22	--	0.22	0.22
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	20	0.55	0.18	0.19	0.90
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	4	0.33	0.15	0.13	0.47
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	27	0.05	0.04	0.00	0.18
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	6	0.05	0.02	0.02	0.07
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	2	0.02	0.03	0.00	0.04
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	3	0.01	0.01	0.00	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	25	0.00	0.00	0.00	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	7	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	23	0.58	0.16	0.30	0.95
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	4	0.38	0.14	0.20	0.52
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	25	0.00	0.01	0.00	0.06
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	7	0.00	0.00	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	23	0.11	0.04	0.00	0.18
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7	0.10	0.03	0.06	0.16
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	8	0.09	0.03	0.04	0.13
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	7	0.08	0.03	0.04	0.13
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	9	4.7	2.0	2.4	7.5
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	3	4.5	2.5	1.9	6.8
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.2	0.3	0.0	0.4
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	20	1.3	0.9	0.3	3.8
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	20	3.2	3.0	0.0	12.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	20	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	4	130	29	112	174
P00915	CALCIUM DISSOLVED (MG/L AS CA)	4	315	44	260	360
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	21	15667	2221	10000	19000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	4	1.1	0.1	0.9	1.2
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	4	1030.0	162.1	820.0	1200.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	4	340.0	31.6	300.0	370.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	4	8550.0	1312.8	6800.0	9700.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	7	2214	302	1700	2600
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	3267	351	2900	3600
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	4	2	1	0	3
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	4	18	23	0	50
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	4	273	54	210	340
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	4	40	0	40	40
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	4	10	2	7	12
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	3	2	1	1	3
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	3	27	15	10	40

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-12					
P00003	SAMPLING DEPTH (FEET)	4	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	4	28.6	1.0	27.6	30.0
P00300	OXYGEN, DISSOLVED (MG/L)	4	7.0	0.3	6.6	7.3
P00095	SPECIFIC CONDUCTANCE (UMHOS)	4	37500	7620	26240	43200
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	2	1870	325	1640	2100
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	4	44	6	36	49
P00080	COLOR (PLATINUMCOBALT UNITS)	2	15	7	10	20
P00076	TURBIDITY (NTU)	2	3.6	1.1	2.8	4.3
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	4	11	5	6	16
P00600	NITROGEN, TOTAL (MG/L AS N)	2	0.72	0.08	0.66	0.78
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	3	0.66	0.12	0.52	0.73
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	0	--	--	--	--
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	3	0.04	0.01	0.03	0.05
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	0	--	--	--	--
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.01	--	0.01	0.01
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	4	0.68	0.10	0.56	0.78
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	0	--	--	--	--
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	4	0.01	0.01	0.00	0.02
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.01	0.01	0.00	0.02
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	4	0.17	0.05	0.11	0.22
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.13	0.04	0.10	0.16
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	3	0.12	0.03	0.09	0.14
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	1	0.12	--	0.12	0.12
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	4	5.8	2.1	4.4	8.8
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	8.8	--	8.8	8.8
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.3	--	0.3	0.3
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	4	1.0	0.6	0.1	1.5
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	2.4	1.1	1.4	3.5
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	111	14	101	121
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	4	13675	2650	9700	15000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	2050	71	2000	2100
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-13				
P00003	SAMPLING DEPTH (FEET)	7	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	7	26.1	4.3	18.8	29.5
P00300	OXYGEN, DISSOLVED (MG/L)	7	6.4	0.7	5.0	7.0
P00095	SPECIFIC CONDUCTANCE (UMHOS)	7	47000	5010	37070	51900
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	5	1960	471	1500	2700
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	3	9.8	1.8	7.8	11.1
P00077	TRANSPARENCY (SECCHI DISK) (IN)	7	48	17	30	80
P00080	COLOR (PLATINUMCOBALT UNITS)	5	8	8	0	20
P00076	TURBIDITY (NTU)	3	4.6	2.3	2.7	7.2
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	7	19	9	7	28
P00600	NITROGEN, TOTAL (MG/L AS N)	3	0.64	0.26	0.37	0.89
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.34	--	0.34	0.34
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	5	0.58	0.23	0.30	0.85
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	4	0.36	0.11	0.26	0.52
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	5	0.05	0.01	0.03	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	4	0.05	0.01	0.04	0.06
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	4	0.00	0.00	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	6	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	7	0.55	0.28	0.05	0.88
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	6	0.50	0.17	0.32	0.75
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	5	0.01	0.01	0.00	0.02
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	6	0.00	0.00	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	7	0.10	0.04	0.05	0.18
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	6	0.09	0.03	0.05	0.12
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	7	0.05	0.02	0.02	0.09
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	6	0.05	0.02	0.03	0.08
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	7	3.6	1.4	1.7	6.2
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	3	3.8	1.8	2.1	5.7
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.3	--	0.3	0.3
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	7	0.7	0.5	0.2	1.5
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	3.4	3.6	0.0	11.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	3	112	4	108	117
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	7	17429	1718	14000	19000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	6	2333	197	2000	2600
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	3967	603	3400	4600
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	3	1	1	0	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	3	13	18	1	33
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	3	340	69	300	420
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	3	43	6	40	50
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	3	9	1	8	10
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	2	0	2	2
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	3	43	25	20	70

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-15					
P00003	SAMPLING DEPTH (FEET)	4	0.8	0.4	0.2	1.0
P00010	TEMPERATURE (DEG C)	3	27.8	1.8	25.7	29.0
P00300	OXYGEN, DISSOLVED (MG/L)	3	6.7	0.9	6.1	7.8
P00095	SPECIFIC CONDUCTANCE (UMHOS)	4	50200	4370	43900	54000
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	2	1800	990	1100	2500
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	27.5	--	27.5	27.5
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	168	24	144	192
P00080	COLOR (PLATINUMCOBALT UNITS)	3	5	0	5	5
P00076	TURBIDITY (NTU)	3	0.3	0.3	0.1	0.6
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	2	10	13	0	19
P00600	NITROGEN, TOTAL (MG/L AS N)	1	0.78	--	0.78	0.78
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	3	0.53	0.24	0.27	0.73
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	3	0.51	0.25	0.24	0.72
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	3	0.05	0.01	0.04	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	3	0.05	0.02	0.03	0.06
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.00	--	0.00	0.00
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	3	0.00	0.00	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	4	0.54	0.21	0.31	0.77
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	3	0.56	0.23	0.30	0.75
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	3	0.01	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	4	0.05	0.01	0.04	0.07
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	3	0.04	0.02	0.03	0.06
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	4	0.03	0.01	0.03	0.04
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	3	0.03	0.01	0.02	0.04
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	2.8	1.4	1.6	4.3
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	5.1	--	5.1	5.1
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	0.4	0.3	0.2	0.7
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.8	0.7	0.0	1.4
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	3	123	2	121	125
P00915	CALCIUM DISSOLVED (MG/L AS CA)	3	383	32	360	420
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	4	19250	957	18000	20000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	4	1.3	0.1	1.2	1.4
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	1266.7	57.7	1200.0	1300.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	3	416.7	25.2	390.0	440.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	3	10300.0	608.3	9900.0	11000.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	3	2533	153	2400	2700
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	2	4550	71	4500	4600
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	2	1	1	0	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	2	1	1	0	1
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	2	240	71	190	290
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	2	50	0	50	50
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	2	10	1	9	10
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	2	1	1	2
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	2	30	0	30	30

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-16					
P00003	SAMPLING DEPTH (FEET)	4	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	4	28.2	1.2	26.4	29.0
P00300	OXYGEN, DISSOLVED (MG/L)	4	5.9	0.5	5.2	6.2
P00095	SPECIFIC CONDUCTANCE (UMHOS)	5	47100	4600	40830	51600
P00200	LIGHT INCID. 40070CNM INTENS. (U-EINS /S)	2	2025	530	1650	2400
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	24.8	--	24.8	24.8
P00077	TRANSPARENCY (SECCHI DISK) (IN)	2	83	15	72	94
P00080	COLOR (PLATINUMCOBALT UNITS)	2	10	7	5	15
P00076	TURBIDITY (NTU)	2	2.0	0.2	1.8	2.1
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	4	9	3	6	12
P00600	NITROGEN, TOTAL (MG/L AS N)	2	0.61	0.24	0.44	0.78
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	3	0.51	0.20	0.39	0.74
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.45	0.11	0.37	0.53
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	3	0.04	0.01	0.03	0.04
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	3	0.00	0.00	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	4	0.51	0.17	0.43	0.77
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.49	0.11	0.41	0.56
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	4	0.00	0.01	0.00	0.01
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	4	0.09	0.04	0.05	0.15
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.09	0.06	0.05	0.13
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	3	0.07	0.04	0.04	0.11
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.07	0.04	0.04	0.10
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	4	3.8	1.4	2.5	5.4
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	5.7	--	5.7	5.7
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.2	--	0.2	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	4	0.6	0.5	0.1	1.2
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	1.8	2.5	0.0	4.7
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	113	3	111	115
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	4	16500	1291	15000	18000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	2250	212	2100	2400
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-17				
P00003	SAMPLING DEPTH (FEET)	3	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	2	28.7	1.2	27.8	29.5
P00300	OXYGEN, DISSOLVED (MG/L)	2	7.8	0.3	7.6	8.0
P00095	SPECIFIC CONDUCTANCE (UMHOS)	2	27900	4510	24720	31100
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	1	1800	--	1800	1800
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	64	15	47	76
P00080	COLOR (PLATINUMCOBALT UNITS)	2	20	0	20	20
P00076	TURBIDITY (NTU)	2	1.6	0.1	1.5	1.7
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	3	12	5	6	16
P00600	NITROGEN, TOTAL (MG/L AS N)	2	0.65	0.16	0.54	0.76
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.79	0.11	0.72	0.87
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.58	0.06	0.53	0.62
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	0.73	0.19	0.53	0.91
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.61	0.07	0.56	0.66
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	3	0.01	0.01	0.00	0.01
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	3	0.10	0.02	0.08	0.13
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.09	0.03	0.07	0.11
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	2	0.08	0.01	0.07	0.08
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.07	0.00	0.07	0.07
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	7.1	1.5	5.4	8.2
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	6.8	--	6.8	6.8
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	1.6	1.7	0.2	3.4
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	3.4	2.2	1.9	5.9
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	113	3	111	115
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	3	11100	1852	9300	13000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1500	283	1300	1700
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-18				
P00003	SAMPLING DEPTH (FEET)	19	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	8	24.9	3.9	20.8	30.4
P00300	OXYGEN, DISSOLVED (MG/L)	8	7.0	1.1	5.1	9.0
P00095	SPECIFIC CONDUCTANCE (UMHOS)	8	25200	8300	11600	36300
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	5	1148	712	330	1800
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	3	5.4	2.0	3.1	7.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	7	56	9	47	74
P00080	COLOR (PLATINUMCOBALT UNITS)	6	23	10	10	30
P00076	TURBIDITY (NTU)	3	0.6	0.5	0.2	1.2
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	9	9	4	4	17
P00600	NITROGEN, TOTAL (MG/L AS N)	8	0.97	0.13	0.75	1.20
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.58	--	0.58	0.58
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	16	0.93	0.20	0.53	1.40
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	6	0.59	0.22	0.40	0.94
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	16	0.06	0.03	0.03	0.15
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	6	0.04	0.02	0.03	0.07
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	4	0.03	0.04	0.00	0.09
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	15	0.00	0.00	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	7	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	19	0.95	0.23	0.57	1.50
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	7	0.64	0.20	0.47	1.00
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	15	0.01	0.02	0.00	0.10
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	7	0.01	0.01	0.00	0.02
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	19	0.08	0.02	0.06	0.13
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7	0.06	0.01	0.05	0.07
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	8	0.05	0.01	0.03	0.07
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	7	0.04	0.01	0.02	0.05
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	9	8.8	2.8	5.6	15.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	4	7.4	1.3	6.3	9.2
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.2	0.0	0.2	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	9	3.6	1.7	0.4	6.0
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	8	5.3	2.5	0.7	8.1
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	8	0.2	0.6	0.0	1.6
P90410	ALKALINITY LAB (MG/L AS CACO3)	3	129	3	126	132
P00915	CALCIUM DISSOLVED (MG/L AS CA)	2	215	49	180	250
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	9	8967	2887	3700	13000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	0.8	0.0	0.8	0.8
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	600.0	70.7	550.0	650.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	185.0	21.2	170.0	200.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	2	4800.0	282.8	4600.0	5000.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	6	1380	305	980	1700
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	2100	300	1800	2400
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	3	1	1	0	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	3	7	10	1	19
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	3	207	31	180	240
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	3	23	6	20	30
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	3	6	1	5	7
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	3	2	1	4
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	3	27	6	20	30

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-19					
P00003	SAMPLING DEPTH (FEET)	3	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	3	28.7	0.8	27.8	29.2
P00300	OXYGEN, DISSOLVED (MG/L)	3	7.3	0.6	6.7	7.8
P00095	SPECIFIC CONDUCTANCE (UMHOS)	3	45900	3900	41750	49500
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	1	1950	--	1950	1950
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	6.5	--	6.5	6.5
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	48	11	37	59
P00080	COLOR (PLATINUMCOBALT UNITS)	2	15	7	10	20
P00076	TURBIDITY (NTU)	2	3.3	1.5	2.3	4.4
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	3	30	5	27	36
P00600	NITROGEN, TOTAL (MG/L AS N)	2	0.78	0.24	0.61	0.95
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.79	0.16	0.68	0.91
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.55	0.09	0.49	0.62
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	0.75	0.17	0.60	0.94
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.59	0.10	0.52	0.66
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	3	0.01	0.01	0.00	0.02
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	3	0.07	0.02	0.06	0.09
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.06	0.02	0.05	0.07
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	2	0.05	0.02	0.04	0.06
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.05	0.01	0.04	0.06
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	4.5	0.6	3.9	5.1
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	5.0	--	5.0	5.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	0.7	0.6	0.2	1.5
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	4.4	4.9	1.1	10
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	122	3	120	124
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	3	17000	1000	16000	18000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	2250	71	2200	2300
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-20					
P00003	SAMPLING DEPTH (FEET)	8	0.9	0.3	0.2	1.0
P00010	TEMPERATURE (DEG C)	7	25.1	4.1	20.2	29.5
P00300	OXYGEN, DISSOLVED (MG/L)	7	6.8	1.2	5.0	8.8
P00095	SPECIFIC CONDUCTANCE (UMHOS)	8	48200	3180	42300	52200
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	6	1827	861	1100	3500
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	2	9.5	2.1	8.0	11.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	7	62	15	46	85
P00080	COLOR (PLATINUMCOBALT UNITS)	6	4	2	0	5
P00076	TURBIDITY (NTU)	3	2.5	0.3	2.2	2.8
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	7	19	12	3	35
P00600	NITROGEN, TOTAL (MG/L AS N)	2	0.62	0.33	0.38	0.85
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.29	--	0.29	0.29
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	6	0.50	0.17	0.35	0.81
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	4	0.44	0.25	0.20	0.79
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	6	0.04	0.01	0.03	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	5	0.06	0.02	0.03	0.07
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	5	0.00	0.00	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	5	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	8	0.51	0.16	0.32	0.84
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	4	0.49	0.23	0.27	0.82
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	5	0.00	0.00	0.00	0.01
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	6	0.01	0.01	0.00	0.02
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	7	0.06	0.02	0.03	0.08
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	5	0.06	0.02	0.04	0.08
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	7	0.04	0.01	0.02	0.05
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	6	0.03	0.01	0.02	0.04
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	7	3.6	1.1	2.1	5.5
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	3	3.1	1.4	1.6	4.2
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.1	--	0.1	0.1
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	7	1.3	1.2	0.2	4.0
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	2.0	1.7	0.0	4.8
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	3	124	6	118	130
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	9	18222	972	16000	19000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	1.3	--	1.3	1.3
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	6	2400	228	2000	2600
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	4400	173	4200	4500
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	3	2	2	0	4
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	3	14	25	0	43
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	3	323	157	200	500
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	3	47	6	40	50
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	3	10	2	8	12
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	1	0	1	1
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	3	30	10	20	40

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAX VA
	SITE=CH-21					
P00003	SAMPLING DEPTH (FEET)	4	1.0	0.0	1.0	
P00010	TEMPERATURE (DEG C)	4	28.2	1.2	27.0	29
P00300	OXYGEN, DISSOLVED (MG/L)	4	7.0	0.4	6.4	
P00095	SPECIFIC CONDUCTANCE (UMHOS)	4	49400	2530	45810	5150
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	2	1775	247	1600	1950
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	15.0	--	15.0	15
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	51	5	46	56
P00080	COLOR (PLATINUMCOBALT UNITS)	2	5	0	5	
P00076	TURBIDITY (NTU)	2	4.1	0.9	3.5	4.
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	4	14	7	6	24
P00600	NITROGEN, TOTAL (MG/L AS N)	3	0.48	0.23	0.29	0.
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.45	0.35	0.21	0.70
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.64	0.13	0.55	0.73
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.05	0.03	0.03	0.07
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.04	0.01	0.03	0.05
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	4	0.55	0.24	0.28	0.78
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.68	0.14	0.58	0.78
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	4	0.01	0.00	0.00	0.01
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	4	0.05	0.02	0.04	0.07
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.05	0.01	0.05	0.06
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	3	0.03	0.01	0.02	0.04
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.03	0.01	0.03	0.04
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	4	2.9	1.2	1.1	3.7
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	3.8	--	3.8	3.8
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.3	--	0.3	0.3
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	4	0.6	0.3	0.2	0.9
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	3.4	1.3	2.4	4.8
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	126	5	123	130
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	4	18750	500	18000	19000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	2400	283	2200	2600
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-22				
P00003	SAMPLING DEPTH (FEET)	29	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	19	28.7	3.7	20.2	33.0
P00300	OXYGEN, DISSOLVED (MG/L)	13	7.4	1.3	5.5	10.0
P00095	SPECIFIC CONDUCTANCE (UMHOS)	13	44200	3610	35900	48700
P00200	LIGHT INCID. 40070CNM INTENS. (U-EINS /S)	7	1193	552	350	1850
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	4.7	--	4.7	4.7
P00077	TRANSPARENCY (SECCHI DISK) (IN)	15	42	9	27	55
P00080	COLOR (PLATINUMCOBALT UNITS)	5	7	3	5	10
P00076	TURBIDITY (NTU)	2	3.1	0.1	3.0	3.2
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	8	20	9	5	35
P00600	NITROGEN, TOTAL (MG/L AS N)	9	0.85	0.17	0.56	1.10
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.36	--	0.36	0.36
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	19	0.82	0.18	0.44	1.10
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	5	0.50	0.15	0.28	0.68
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	25	0.05	0.02	0.03	0.14
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	5	0.04	0.01	0.03	0.06
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	5	0.00	0.00	0.00	0.00
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	24	0.00	0.00	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	5	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	21	0.84	0.19	0.48	1.10
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	5	0.55	0.14	0.34	0.71
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	25	0.00	0.01	0.00	0.02
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	5	0.01	0.01	0.00	0.02
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	21	0.06	0.03	0.00	0.14
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	5	0.05	0.01	0.04	0.06
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	6	0.03	0.01	0.02	0.04
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	5	0.02	0.01	0.02	0.04
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	8	5.2	1.6	2.5	7.5
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	3	3.9	1.3	2.5	5.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.4	0.4	0.1	0.6
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	18	1.7	2.0	0.2	9.0
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	17	5.1	3.8	0.0	12.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	17	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	136	1	135	136
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	18	16667	1609	12000	19000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	5	2300	173	2000	2400
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	2	3600	707	3100	4100
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	2	1	0	1	1
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	2	1	1	0	1
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	2	215	7	210	220
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	2	20	14	10	30
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	2	9	1	8	10
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	1	1	0	1
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	2	30	14	20	40

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-23					
P00003	SAMPLING DEPTH (FEET)	5	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	4	26.6	3.7	21.1	28.9
P00300	OXYGEN, DISSOLVED (MG/L)	4	7.0	0.8	6.2	7.8
P00095	SPECIFIC CONDUCTANCE (UMHOS)	4	24700	5740	17400	30400
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	3	1250	661	750	2000
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	3	8.4	2.5	6.0	11.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	5	48	14	36	71
P00080	COLOR (PLATINUMCOBALT UNITS)	2	30	0	30	30
P00076	TURBIDITY (NTU)	2	3.2	1.6	2.0	4.3
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	5	14	9	7	29
P00600	NITROGEN, TOTAL (MG/L AS N)	5	0.90	0.20	0.72	1.20
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	4	0.83	0.14	0.69	1.00
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.54	0.44	0.23	0.85
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	4	0.05	0.01	0.04	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.05	0.00	0.05	0.05
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	2	0.07	0.03	0.05	0.09
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.04	--	0.04	0.04
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	4	0.00	0.01	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	5	0.83	0.20	0.57	1.10
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.59	0.44	0.28	0.90
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	5	0.07	0.06	0.01	0.15
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.03	0.02	0.02	0.05
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	5	0.08	0.03	0.03	0.11
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.06	0.04	0.03	0.09
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	3	0.05	0.02	0.02	0.07
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.05	0.03	0.02	0.07
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	5	9.7	3.8	5.5	16.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	8.8	--	8.8	8.8
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.2	0.0	0.2	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	5	2.5	1.0	1.1	3.5
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	3.1	2.6	1.6	6.1
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	124	4	122	127
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	5	8960	2142	5400	11000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1400	141	1300	1500
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-24				
P00003	SAMPLING DEPTH (FEET)	5	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	4	26.5	3.7	21.1	29.1
P00300	OXYGEN, DISSOLVED (MG/L)	4	7.3	0.8	6.3	8.0
P00095	SPECIFIC CONDUCTANCE (UMHOS)	4	36800	4760	31300	42300
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	3	1430	372	1000	1650
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	7.0	--	7.0	7.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	4	35	6	30	43
P00080	COLOR (PLATINUMCOBALT UNITS)	3	13	6	10	20
P00076	TURBIDITY (NTU)	3	5.4	2.6	3.8	8.4
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	5	17	8	9	30
P00600	NITROGEN, TOTAL (MG/L AS N)	3	0.91	0.17	0.80	1.10
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	4	0.76	0.25	0.49	1.10
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	3	0.50	0.21	0.36	0.74
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	4	0.04	0.01	0.03	0.05
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	3	0.05	0.02	0.03	0.07
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	2	0.02	0.03	0.00	0.05
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	4	0.00	0.01	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	5	0.76	0.22	0.54	1.10
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	3	0.55	0.19	0.43	0.77
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	4	0.02	0.03	0.00	0.06
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	3	0.01	0.01	0.00	0.02
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	5	0.06	0.03	0.03	0.10
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	3	0.06	0.04	0.03	0.10
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	4	0.03	0.01	0.02	0.05
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	3	0.03	0.01	0.02	0.04
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	5	7.3	1.7	5.6	9.5
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	6.1	--	6.1	6.1
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.3	0.1	0.2	0.3
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	5	1.4	0.9	0.2	2.4
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	2.1	1.8	0.0	3.3
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	3	125	3	122	127
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	5	14000	1871	11000	16000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	3	1967	115	1900	2100
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	1	3100	--	3100	3100
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	1	2	--	2	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	1	34	--	34	34
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	1	400	--	400	400
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	1	50	--	50	50
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	1	9	--	9	9
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	1	40	--	40	40

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-25					
P00003	SAMPLING DEPTH (FEET)	9	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	8	24.3	3.9	19.1	29.1
P00300	OXYGEN, DISSOLVED (MG/L)	8	6.7	0.8	5.6	8.0
P00095	SPECIFIC CONDUCTANCE (UMHOS)	8	44100	6620	31150	51900
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	6	1228	628	320	1900
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	5	10.5	2.5	7.0	13.5
P00077	TRANSPARENCY (SECCHI DISK) (IN)	8	48	13	22	60
P00080	COLOR (PLATINUMCOBALT UNITS)	5	6	8	0	20
P00076	TURBIDITY (NTU)	2	5.1	2.1	3.6	6.5
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	9	19	12	3	41
P00600	NITROGEN, TOTAL (MG/L AS N)	4	0.67	0.20	0.44	0.91
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.42	--	0.42	0.42
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	6	0.54	0.18	0.32	0.84
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	6	0.40	0.15	0.26	0.65
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	6	0.05	0.01	0.03	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	6	0.05	0.01	0.04	0.07
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	3	0.01	0.01	0.00	0.02
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.02	--	0.02	0.02
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	5	0.00	0.00	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	6	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	9	0.57	0.16	0.36	0.88
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	6	0.45	0.14	0.31	0.69
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	6	0.02	0.03	0.00	0.08
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	6	0.01	0.01	0.00	0.03
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	9	0.06	0.02	0.04	0.10
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	6	0.05	0.02	0.04	0.08
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	7	0.04	0.01	0.02	0.06
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	6	0.03	0.02	0.02	0.06
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	9	4.4	1.6	2.5	6.8
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	4	3.8	2.0	2.5	6.8
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.3	0.1	0.2	0.3
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	9	2.3	2.6	0.2	9.0
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	2.3	1.5	0.0	3.9
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	124	1	123	124
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	9	16000	2236	12000	19000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	6	2250	243	1800	2500
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	2	3800	707	3300	4300
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	2	2	1	1	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	2	1	1	0	1
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	2	210	0	210	210
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	2	50	14	40	60
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	2	8	2	6	9
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	2	1	1	2
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	2	25	7	20	30

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-26					
P00003	SAMPLING DEPTH (FEET)	3	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	3	27.8	1.3	26.4	28.7
P00300	OXYGEN, DISSOLVED (MG/L)	3	7.3	1.3	6.1	8.6
P00095	SPECIFIC CONDUCTANCE (UMHOS)	3	46500	4550	42420	51400
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	2	925	106	850	1000
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	61	4	58	66
P00080	COLOR (PLATINUMCOBALT UNITS)	2	5	0	5	5
P00076	TURBIDITY (NTU)	2	0.6	0.5	0.3	1.0
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	3	9	10	1	20
P00600	NITROGEN, TOTAL (MG/L AS N)	0	--	--	--	--
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.46	0.18	0.34	0.59
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.27	0.03	0.25	0.30
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.05	0.00	0.05	0.05
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.06	0.01	0.05	0.07
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.00	--	0.00	0.00
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	0.48	0.14	0.39	0.64
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.33	0.05	0.30	0.37
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	3	0.03	0.01	0.02	0.04
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.02	0.01	0.02	0.03
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	3	0.02	0.01	0.01	0.02
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.02	0.01	0.01	0.02
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	2.8	1.0	2.2	3.9
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	0	--	--	--	--
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.2	--	0.2	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	0.6	0.5	0.2	1.1
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	2.1	1.0	1.0	2.9
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	125	4	122	127
P00915	CALCIUM DISSOLVED (MG/L AS CA)	2	390	28	370	410
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	3	18000	1000	17000	19000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	1.5	0.1	1.4	1.6
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	2	1200.0	0.0	1200.0	1200.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	2	365.0	35.4	340.0	390.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	2	9700.0	424.3	9400.0	10000.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	3	2267	416	1800	2600
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	2	4200	283	4000	4400
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	2	1	0	1	1
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	2	21	29	0	41
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	2	335	205	190	480
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	2	40	0	40	40
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	2	10	0	10	10
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	1	1	--	1	1
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	2	35	7	30	40

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-27				
P00003	SAMPLING DEPTH (FEET)	10	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	9	24.7	3.4	20.2	28.9
P00300	OXYGEN, DISSOLVED (MG/L)	9	6.9	1.4	4.8	8.8
P00095	SPECIFIC CONDUCTANCE (UMHOS)	9	27600	13200	5000	40200
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	6	1217	542	550	1900
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	2	6.1	2.8	4.2	8.1
P00077	TRANSPARENCY (SECCHI DISK) (IN)	9	55	20	28	88
P00080	COLOR (PLATINUMCOBALT UNITS)	8	20	16	0	50
P00076	TURBIDITY (NTU)	5	3.5	3.9	1.0	10.0
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	8	11	11	4	37
P00600	NITROGEN, TOTAL (MG/L AS N)	5	0.99	0.31	0.69	1.50
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.48	--	0.48	0.48
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	8	0.75	0.29	0.37	1.30
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	8	0.54	0.20	0.32	0.95
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	8	0.04	0.01	0.02	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	9	0.05	0.01	0.04	0.07
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	4	0.05	0.05	0.01	0.13
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	5	0.07	0.09	0.02	0.23
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	6	0.01	0.00	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	9	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	11	0.75	0.26	0.41	1.32
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	8	0.59	0.20	0.37	1.00
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	6	0.05	0.05	0.00	0.14
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	9	0.05	0.07	0.00	0.24
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	11	0.09	0.03	0.03	0.14
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	9	0.08	0.03	0.03	0.12
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	9	0.07	0.02	0.02	0.10
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	9	0.06	0.02	0.02	0.10
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	10	8.9	4.6	5.0	19.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	5	7.3	2.7	4.5	11.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	3	0.2	0.0	0.2	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	11	3.3	1.8	1.3	7.3
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	10	2.0	1.6	0.0	4.4
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	10	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	5	124	2	122	128
P00915	CALCIUM DISSOLVED (MG/L AS CA)	3	283	125	140	370
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	11	10864	4934	1600	17000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	3	0.9	0.4	0.5	1.2
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	873.3	481.8	320.0	1200.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	3	303.3	168.6	110.0	420.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	3	6900.0	3831.4	2500.0	9500.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	9	1686	457	670	2300
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	2567	1168	1300	3600
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	4	5	6	1	14
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	4	15	24	1	50
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	4	353	172	220	580
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	4	30	8	20	40
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	4	8	3	5	12
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	3	4	3	2	7
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	4	58	75	10	170

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-28					
P00003	SAMPLING DEPTH (FEET)	17	0.7	0.3	0.5	1.0
P00010	TEMPERATURE (DEG C)	16	27.7	3.5	20.5	32.0
P00300	OXYGEN, DISSOLVED (MG/L)	3	7.9	0.5	7.5	8.4
P00095	SPECIFIC CONDUCTANCE (UMHOS)	16	5900	6200	360	22000
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	1	1800	--	1800	1800
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	6.2	--	6.2	6.2
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	37	6	30	41
P00080	COLOR (PLATINUMCOBALT UNITS)	7	61	27	40	100
P00076	TURBIDITY (NTU)	3	2.1	0.4	1.7	2.5
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	7	6	4	1	11
P00600	NITROGEN, TOTAL (MG/L AS N)	4	1.38	0.25	1.10	1.70
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	6	1.10	0.22	0.74	1.30
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	6	0.91	0.24	0.69	1.30
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	8	0.07	0.07	0.03	0.20
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	13	0.09	0.06	0.02	0.17
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	3	0.16	0.11	0.09	0.29
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	5	0.20	0.10	0.09	0.31
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	7	0.01	0.01	0.00	0.03
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	14	0.01	0.02	0.00	0.06
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	8	1.16	0.26	0.78	1.52
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	6	1.02	0.20	0.73	1.30
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	6	0.08	0.13	0.00	0.32
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	12	0.13	0.13	0.00	0.37
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	9	0.15	0.04	0.10	0.24
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	8	0.11	0.02	0.08	0.12
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	9	0.10	0.04	0.07	0.20
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	8	0.08	0.02	0.06	0.10
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	8	15.6	2.0	13.0	20.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	5	14.2	1.3	12.0	15.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.2	0.0	0.2	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	16	5.1	1.7	1.8	7.7
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	13	8.2	5.2	1.0	17.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	13	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	4	123	14	108	137
P00915	CALCIUM DISSOLVED (MG/L AS CA)	3	49	5	45	54
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	17	1813	2136	46	7800
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	4	0.4	0.2	0.3	0.7
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	17.3	13.6	9.2	33.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	3	5.2	3.6	2.7	9.4
P00930	SODIUM, DISSOLVED (MG/L AS NA)	3	83.3	83.8	31.0	180.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	8	304	250	26	580
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	2	85	64	40	130
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	2	2	1	1	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	2	4	1	3	5
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	2	285	120	200	370
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	2	10	0	10	10
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	2	2	0	2	2
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	1	2	--	2	2
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	2	20	0	20	20

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-29					
P00003	SAMPLING DEPTH (FEET)	7	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	6	25.3	4.6	20.6	31.1
P00300	OXYGEN, DISSOLVED (MG/L)	6	5.4	1.7	3.1	7.3
P00095	SPECIFIC CONDUCTANCE (UMHOS)	4	3500	2650	640	6350
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	7	1546	1833	100	5500
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	7	3.3	1.6	1.6	6.5
P00077	TRANSPARENCY (SECCHI DISK) (IN)	6	28	4	23	31
P00080	COLOR (PLATINUMCOBALT UNITS)	6	100	43	70	180
P00076	TURBIDITY (NTU)	3	2.0	1.6	0.8	3.8
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	7	9	5	3	16
P00600	NITROGEN, TOTAL (MG/L AS N)	4	1.33	0.27	1.00	1.60
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	1.65	--	1.65	1.65
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	5	0.99	0.10	0.90	1.10
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	6	0.78	0.24	0.48	1.10
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	5	0.08	0.04	0.04	0.12
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	6	0.08	0.05	0.02	0.14
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	4	0.22	0.15	0.01	0.37
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	6	0.50	0.39	0.01	0.99
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	4	0.01	0.00	0.01	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	7	0.01	0.00	0.01	0.02
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	8	1.02	0.17	0.76	1.20
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	6	0.86	0.23	0.62	1.20
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	4	0.23	0.15	0.02	0.39
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	6	0.51	0.39	0.02	1.00
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	8	0.99	0.22	0.72	1.30
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7	0.91	0.21	0.58	1.20
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	8	0.86	0.22	0.57	1.20
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	7	0.86	0.21	0.54	1.10
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	7	15.7	2.4	14.0	20.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	4	16.8	2.4	15.0	20.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	7	6.4	1.9	4.3	9.5
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	3.8	3.3	0.0	9.7
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	7	0.2	0.4	0.0	1.1
P90410	ALKALINITY LAB (MG/L AS CACO3)	3	45	14	29	56
P00915	CALCIUM DISSOLVED (MG/L AS CA)	3	28	13	13	38
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	8	644	708	15	2000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	3	0.7	0.2	0.5	0.9
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3	31.0	27.6	5.1	60.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	3	9.8	7.2	2.7	17.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	3	189.3	197.6	8.0	400.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	7	137	105	20	330
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	133	85	70	230
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	3	1	1	1	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	3	2	1	1	3
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	3	433	134	280	530
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	3	17	6	10	20
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	3	2	1	2	3
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	1	1	0	2
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	3	13	6	10	20

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-30					
P00003	SAMPLING DEPTH (FEET)	5	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	7	25.3	4.6	18.7	30.4
P00300	OXYGEN, DISSOLVED (MG/L)	6	6.9	1.5	4.9	8.5
P00095	SPECIFIC CONDUCTANCE (UMHOS)	7	37700	6290	24700	44350
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	6	1623	432	990	2100
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	6	72	16	44	90
P00080	COLOR (PLATINUMCOBALT UNITS)	6	19	12	5	40
P00076	TURBIDITY (NTU)	3	1.2	0.9	0.3	2.1
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	7	9	6	1	17
P00600	NITROGEN, TOTAL (MG/L AS N)	1	1.00	--	1.00	1.00
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.31	--	0.31	0.31
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	4	0.66	0.19	0.51	0.93
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	6	0.37	0.13	0.25	0.52
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	4	0.05	0.02	0.03	0.07
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	7	0.04	0.01	0.03	0.06
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.01	--	0.01	0.01
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	7	0.00	0.00	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	7	0.61	0.20	0.40	1.00
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	6	0.41	0.13	0.29	0.57
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	3	0.01	0.01	0.00	0.02
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	7	0.00	0.00	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	7	0.15	0.03	0.11	0.21
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	6	0.13	0.03	0.09	0.17
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	7	0.12	0.02	0.10	0.17
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	6	0.11	0.02	0.09	0.15
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	7	5.7	1.7	3.5	8.6
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	4	5.5	2.3	3.5	8.6
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	7	1.1	0.5	0.2	1.7
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	8	3.8	4.0	0.0	10.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	8	0.7	1.3	0.0	3.5
P90410	ALKALINITY LAB (MG/L AS CACO3)	3	101	11	92	114
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	7	13586	2191	9100	16000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	7	1829	315	1200	2200
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	3	2833	666	2100	3400
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	3	1	1	0	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	3	10	11	1	23
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	3	253	64	180	300
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	3	33	6	30	40
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	3	7	1	6	8
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	2	1	1	0	2
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	3	23	6	20	30

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=MK-70				
P00003	SAMPLING DEPTH (FEET)	1	1.0	--	1.0	1.0
P00010	TEMPERATURE (DEG C)	1	21.4	--	21.4	21.4
P00300	OXYGEN, DISSOLVED (MG/L)	1	8.7	--	8.7	8.7
P00095	SPECIFIC CONDUCTANCE (UMHOS)	1	518	--	518	518
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	1	1300	--	1300	1300
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	8.0	--	8.0	8.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	2	55	13	46	64
P00080	COLOR (PLATINUMCOBALT UNITS)	1	20	--	20	20
P00076	TURBIDITY (NTU)	1	0.7	--	0.7	0.7
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	1	7	--	7	7
P00600	NITROGEN, TOTAL (MG/L AS N)	2	0.95	0.36	0.69	1.20
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.83	0.38	0.56	1.10
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	1	0.51	--	0.51	0.51
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.04	0.03	0.02	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	1	0.06	--	0.06	0.06
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	2	0.08	0.02	0.06	0.09
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.06	--	0.06	0.06
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.01	0.00	0.01	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	2	0.87	0.35	0.62	1.12
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	1	0.57	--	0.57	0.57
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	2	0.08	0.02	0.07	0.10
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	1	0.07	--	0.07	0.07
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	2	0.09	0.00	0.09	0.09
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	1	0.07	--	0.07	0.07
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	1	0.09	--	0.09	0.09
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	1	0.08	--	0.08	0.08
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	1	21.0	--	21.0	21.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	7.5	--	7.5	7.5
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.2	0.1	0.1	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	2	2.4	0.3	2.2	2.6
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUORCM (UG/L)	1	1.7	--	1.7	1.7
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	0.0	--	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	1	131	--	131	131
P00915	CALCIUM DISSOLVED (MG/L AS CA)	1	300	--	300	300
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	2	6542	9134	83	13000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	0.9	--	0.9	0.9
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	940.0	--	940.0	940.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	320.0	--	320.0	320.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	1	7400.0	--	7400.0	7400.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	1	1800	--	1800	1800
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=PR-10					
P00003	SAMPLING DEPTH (FEET)	2	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	3	24.3	3.2	22.4	28.0
P00300	OXYGEN, DISSOLVED (MG/L)	1	6.0	--	6.0	6.0
P00095	SPECIFIC CONDUCTANCE (UMHOS)	2	198	1	198	199
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	1	530	--	530	530
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	2.6	--	2.6	2.6
P00077	TRANSPARENCY (SECCHI DISK) (IN)	1	25	--	25	25
P00080	COLOR (PLATINUMCOBALT UNITS)	0	--	--	--	--
P00076	TURBIDITY (NTU)	0	--	--	--	--
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	1	6	--	6	6
P00600	NITROGEN, TOTAL (MG/L AS N)	3	1.60	0.10	1.50	1.70
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	3	1.09	0.11	0.98	1.20
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	0	--	--	--	--
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	10	0.05	0.02	0.04	0.12
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	0	--	--	--	--
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	10	0.34	0.09	0.29	0.58
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	10	0.01	0.00	0.01	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	1.16	0.07	1.10	1.24
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	0	--	--	--	--
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	10	0.35	0.09	0.31	0.60
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	0	--	--	--	--
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	10	0.98	0.15	0.91	1.40
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0	--	--	--	--
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	10	0.89	0.15	0.80	1.30
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	0	--	--	--	--
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	1	18.0	--	18.0	18.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	0	--	--	--	--
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	8	2.8	0.0	2.7	2.8
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	3.8	--	3.8	3.8
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	0.0	--	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	0	--	--	--	--
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	10	20	5	17	33
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	0	--	--	--	--
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=PR-20					
P00003	SAMPLING DEPTH (FEET)	5	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	4	24.8	3.7	21.2	28.0
P00300	OXYGEN, DISSOLVED (MG/L)	3	5.7	1.2	4.3	6.5
P00095	SPECIFIC CONDUCTANCE (UMHOS)	3	210	18	199	231
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	1	320	--	320	320
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	2.7	--	2.7	2.7
P00077	TRANSPARENCY (SECCHI DISK) (IN)	1	22	--	22	22
P00080	COLOR (PLATINUMCOBALT UNITS)	0	--	--	--	--
P00076	TURBIDITY (NTU)	0	--	--	--	--
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	0	--	--	--	--
P00600	NITROGEN, TOTAL (MG/L AS N)	4	1.65	0.13	1.50	1.80
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	4	1.20	0.14	1.10	1.40
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	0	--	--	--	--
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	5	0.07	0.02	0.05	0.09
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	0	--	--	--	--
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	5	0.35	0.10	0.26	0.52
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	5	0.01	0.00	0.01	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	4	1.28	0.16	1.15	1.50
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	0	--	--	--	--
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	5	0.36	0.11	0.27	0.54
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	0	--	--	--	--
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	5	1.02	0.16	0.89	1.30
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0	--	--	--	--
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	5	0.87	0.20	0.64	1.20
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	0	--	--	--	--
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	1	16.0	--	16.0	16.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	0	--	--	--	--
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	1	6.2	--	6.2	6.2
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	2.9	--	2.9	2.9
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	0.0	--	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	0	--	--	--	--
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	2	23	6	18	27
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	0	--	--	--	--
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=PR-50				
P00003	SAMPLING DEPTH (FEET)	7	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	7	22.7	2.6	20.9	28.0
P00300	OXYGEN, DISSOLVED (MG/L)	7	6.2	0.6	5.2	7.1
P00095	SPECIFIC CONDUCTANCE (UMHOS)	7	569	807	210	2384
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	1	135	--	135	135
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	4.2	--	4.2	4.2
P00077	TRANSPARENCY (SECCHI DISK) (IN)	2	25	5	22	28
P00080	COLOR (PLATINUMCOBALT UNITS)	2	240	226	80	400
P00076	TURBIDITY (NTU)	1	3.8	--	3.8	3.8
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	0	--	--	--	--
P00600	NITROGEN, TOTAL (MG/L AS N)	8	1.46	0.12	1.30	1.60
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	8	1.02	0.15	0.81	1.20
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	1	0.60	--	0.60	0.60
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	9	0.06	0.02	0.05	0.11
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	1	0.04	--	0.04	0.04
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	9	0.39	0.21	0.25	0.84
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.84	--	0.84	0.84
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	9	0.01	0.01	0.01	0.03
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	8	1.12	0.13	0.93	1.30
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	0	--	--	--	--
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	9	0.34	0.13	0.26	0.68
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	0	--	--	--	--
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	9	1.10	0.52	0.89	2.50
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	1	2.20	--	2.20	2.20
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	9	0.97	0.50	0.70	2.30
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	1	2.20	--	2.20	2.20
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	2	19.5	4.9	16.0	23.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	0	--	--	--	--
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	5	4.6	2.3	2.8	7.5
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	2	6.5	6.4	2.0	11.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	2	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	1	63	--	63	63
P00915	CALCIUM DISSOLVED (MG/L AS CA)	1	52	--	52	52
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	7	357	538	22	1300
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	2	1.3	0.5	0.9	1.6
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1	76.0	--	76.0	76.0
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	1	22.0	--	22.0	22.0
P00930	SODIUM, DISSOLVED (MG/L AS NA)	1	550.0	--	550.0	550.0
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	110	114	29	190
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=PR-60					
P00003	SAMPLING DEPTH (FEET)	10	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	10	22.5	1.7	21.5	27.0
P00300	OXYGEN, DISSOLVED (MG/L)	10	7.7	0.9	5.5	8.7
P00095	SPECIFIC CONDUCTANCE (UMHOS)	10	307	54	252	437
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	1	160	--	160	160
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	5.3	--	5.3	5.3
P00077	TRANSPARENCY (SECCHI DISK) (IN)	1	36	--	36	36
P00080	COLOR (PLATINUMCOBALT UNITS)	1	240	--	240	240
P00076	TURBIDITY (NTU)	0	--	--	--	--
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	0	--	--	--	--
P00600	NITROGEN, TOTAL (MG/L AS N)	6	1.23	0.12	1.10	1.40
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	6	1.02	0.04	1.00	1.10
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	0	--	--	--	--
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	12	0.04	0.01	0.03	0.06
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	0	--	--	--	--
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	12	0.16	0.06	0.08	0.25
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	12	0.01	0.00	0.01	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	6	1.06	0.05	1.03	1.14
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	0	--	--	--	--
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	12	0.17	0.06	0.09	0.27
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	0	--	--	--	--
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	12	0.51	0.27	0.18	1.00
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0	--	--	--	--
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	12	0.40	0.20	0.13	0.73
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	0	--	--	--	--
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	1	14.0	--	14.0	14.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	0	--	--	--	--
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	1.6	0.4	1.3	2.0
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	5.9	--	5.9	5.9
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	0.0	--	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	1	46	--	46	46
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	4	511	926	43	1900
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	0	--	--	--	--
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=S-15					
P00003	SAMPLING DEPTH (FEET)	3	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	3	28.1	1.1	27.0	29.1
P00300	OXYGEN, DISSOLVED (MG/L)	1	7.6	--	7.6	7.6
P00095	SPECIFIC CONDUCTANCE (UMHOS)	2	21400	10400	14000	28700
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	3	1583	1087	350	2400
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	6.6	--	6.6	6.6
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	42	20	24	64
P00080	COLOR (PLATINUMCOBALT UNITS)	2	35	7	30	40
P00076	TURBIDITY (NTU)	2	4.8	5.2	1.1	8.5
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	3	20	18	9	41
P00600	NITROGEN, TOTAL (MG/L AS N)	2	1.02	0.25	0.84	1.20
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.90	0.42	0.61	1.20
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.67	0.16	0.56	0.78
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	0.88	0.29	0.64	1.20
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.71	0.16	0.59	0.82
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	3	0.01	0.02	0.00	0.03
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	3	0.30	0.09	0.20	0.38
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.21	0.02	0.19	0.22
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	2	0.19	0.01	0.19	0.20
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.19	0.01	0.18	0.19
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	9.5	3.0	7.5	13.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	13.0	--	13.0	13.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	0.9	1.0	0.2	2.1
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	5.4	3.6	1.6	8.7
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	96	7	91	101
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	3	8267	2916	4900	10000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1400	0	1400	1400
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=S-19				
P00003	SAMPLING DEPTH (FEET)	3	1.0	0.0	1.0	1.0
P00010	TEMPERATURE (DEG C)	3	28.8	1.5	27.0	29.8
P00300	OXYGEN, DISSOLVED (MG/L)	1	7.8	--	7.8	7.8
P00095	SPECIFIC CONDUCTANCE (UMHOS)	2	24700	8910	18400	31000
P00200	LIGHT INCID. 400?00NM INTENS. (U-EINS /S)	3	1533	1193	200	2500
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	1	7.0	--	7.0	7.0
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	57	17	38	72
P00080	COLOR (PLATINUMCOBALT UNITS)	2	28	4	25	30
P00076	TURBIDITY (NTU)	2	1.5	0.7	1.0	2.0
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	3	9	4	6	14
P00600	NITROGEN, TOTAL (MG/L AS N)	2	0.84	0.01	0.83	0.84
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.70	0.12	0.61	0.78
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.54	0.03	0.52	0.57
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.03	0.00	0.03	0.03
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.00	0.00	0.00
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	0.76	0.10	0.64	0.82
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.58	0.03	0.55	0.60
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	3	0.01	0.02	0.00	0.03
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	2	0.26	0.06	0.22	0.31
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.18	0.02	0.16	0.19
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	2	0.17	0.00	0.17	0.17
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.16	0.00	0.16	0.16
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	8.0	2.6	6.0	11.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	11.0	--	11.0	11.0
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	1.5	1.1	0.2	2.2
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	5.0	5.2	1.7	11.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.8	1.4	0.0	2.5
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	101	14	91	110
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	3	9867	3202	6600	13000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1600	141	1500	1700
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Surface samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=S-20					
P00003	SAMPLING DEPTH (FEET)	3	0.8	0.3	0.5	1.0
P00010	TEMPERATURE (DEG C)	3	29.1	1.8	27.0	30.2
P00300	OXYGEN, DISSOLVED (MG/L)	1	9.4	--	9.4	9.4
P00095	SPECIFIC CONDUCTANCE (UMHOS)	2	27600	3180	25300	29800
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	3	1467	1200	150	2500
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	3	57	16	40	72
P00080	COLOR (PLATINUMCOBALT UNITS)	2	28	4	25	30
P00076	TURBIDITY (NTU)	2	1.5	0.7	1.0	2.0
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	3	13	2	10	14
P00600	NITROGEN, TOTAL (MG/L AS N)	1	0.69	--	0.69	0.69
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.63	0.01	0.62	0.64
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	1	0.54	--	0.54	0.54
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.00	--	0.00	0.00
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	0.78	0.19	0.65	1.00
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	1	0.57	--	0.57	0.57
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	3	0.00	0.01	0.00	0.01
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	3	0.22	0.05	0.16	0.26
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	2	0.16	0.02	0.15	0.18
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	2	0.16	0.01	0.15	0.17
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.16	0.01	0.15	0.16
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	7.7	2.0	6.2	10.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	9.1	--	9.1	9.1
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	1.5	1.2	0.2	2.6
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	11.8	15.8	2.4	30.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	3	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	2	101	11	93	109
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	3	11133	1804	9400	13000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	1650	212	1500	1800
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Near-bottom samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-04				
P00003	SAMPLING DEPTH (FEET)	3	5.5	0.5	5.0	6.0
P00010	TEMPERATURE (DEG C)	2	23.7	6.9	18.8	28.6
P00300	OXYGEN, DISSOLVED (MG/L)	2	5.8	2.3	4.2	7.4
P00095	SPECIFIC CONDUCTANCE (UMHOS)	2	31200	1230	30360	32100
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	0	--	--	--	--
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	0	--	--	--	--
P00080	COLOR (PLATINUMCOBALT UNITS)	2	100	85	40	160
P00076	TURBIDITY (NTU)	1	3.8	--	3.8	3.8
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	3	15	3	12	18
P00600	NITROGEN, TOTAL (MG/L AS N)	1	0.87	--	0.87	0.87
P00602	NITROGEN DISSOLVED (MG/L AS N)	1	0.55	--	0.55	0.55
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.73	0.13	0.63	0.82
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	2	0.70	0.28	0.50	0.90
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.03	0.01	0.03	0.04
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	2	0.02	0.01	0.02	0.03
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.21	--	0.21	0.21
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	1	0.01	--	0.01	0.01
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	2	0.00	0.01	0.00	0.01
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	0.94	0.33	0.66	1.30
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	2	0.73	0.28	0.53	0.92
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	1	0.01	--	0.01	0.01
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	2	0.11	0.16	0.00	0.22
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	3	0.52	0.16	0.34	0.63
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	1	0.54	--	0.54	0.54
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	3	0.42	0.12	0.28	0.51
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	2	0.37	0.15	0.26	0.47
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	12.6	6.4	8.6	20.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	9.1	--	9.1	9.1
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.3	--	0.3	0.3
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	1.1	0.8	0.2	1.6
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	2	9.1	2.6	7.3	11.0
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	2	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	1	36	--	36	36
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	3	6960	5748	380	11000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	2	734	942	68	1400
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	1	150	--	150	150
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	1	1	--	1	1
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	1	5	--	5	5
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	1	440	--	440	440
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	1	20	--	20	20
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	1	2	--	2	2
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	1	10	--	10	10

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Near-bottom samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-06				
P00003	SAMPLING DEPTH (FEET)	3	13.2	2.0	11.0	15.0
P00010	TEMPERATURE (DEG C)	2	24.8	5.6	20.8	28.7
P00300	OXYGEN, DISSOLVED (MG/L)	3	4.0	2.6	1.6	6.8
P00095	SPECIFIC CONDUCTANCE (UMHOS)	2	30300	7620	24900	35670
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	0	--	--	--	--
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	0	--	--	--	--
P00080	COLOR (PLATINUMCOBALT UNITS)	1	40	--	40	40
P00076	TURBIDITY (NTU)	1	2.0	--	2.0	2.0
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	3	29	37	6	72
P00600	NITROGEN, TOTAL (MG/L AS N)	2	1.04	0.08	0.98	1.10
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.88	0.02	0.86	0.89
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	1	0.49	--	0.49	0.49
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.09	0.01	0.08	0.10
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	1	0.21	--	0.21	0.21
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	2	0.08	0.11	0.00	0.15
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	1	0.01	--	0.01	0.01
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.02	0.00	0.02	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	1	0.02	--	0.02	0.02
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	3	0.94	0.04	0.90	0.97
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	1	0.70	--	0.70	0.70
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	2	0.09	0.11	0.02	0.17
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	1	0.03	--	0.03	0.03
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	3	0.41	0.15	0.27	0.56
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	1	0.24	--	0.24	0.24
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	3	0.29	0.06	0.22	0.34
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	1	0.21	--	0.21	0.21
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	3	10.8	4.4	6.3	15.0
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	1	8.2	--	8.2	8.2
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	1	0.0	--	0.0	0.0
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	3	1.7	1.3	0.2	2.6
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	2	5.1	4.0	2.3	7.9
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	2	0.0	0.0	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	1	96	--	96	96
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	3	9033	4400	4300	13000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	1	1300	--	1300	1300
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	1	2300	--	2300	2300
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	1	2	--	2	2
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	1	26	--	26	26
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	1	320	--	320	320
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	1	40	--	40	40
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	1	8	--	8	8
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	1	50	--	50	50

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Near-bottom samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-09					
P00003	SAMPLING DEPTH (FEET)	1	15.0	--	15.0	15.0
P00010	TEMPERATURE (DEG C)	0	--	--	--	--
P00300	OXYGEN, DISSOLVED (MG/L)	0	--	--	--	--
P00095	SPECIFIC CONDUCTANCE (UMHOS)	1	39700	--	39700	39700
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	0	--	--	--	--
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	0	--	--	--	--
P00080	COLOR (PLATINUMCOBALT UNITS)	0	--	--	--	--
P00076	TURBIDITY (NTU)	0	--	--	--	--
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	0	--	--	--	--
P00600	NITROGEN, TOTAL (MG/L AS N)	0	--	--	--	--
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	1	0.34	--	0.34	0.34
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	0	--	--	--	--
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	1	0.02	--	0.02	0.02
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	0	--	--	--	--
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	1	0.36	--	0.36	0.36
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	0	--	--	--	--
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	0	--	--	--	--
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	1	0.13	--	0.13	0.13
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0	--	--	--	--
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	1	0.12	--	0.12	0.12
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	0	--	--	--	--
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	0	--	--	--	--
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	0	--	--	--	--
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	0	--	--	--	--
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	0	--	--	--	--
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	0	--	--	--	--
P90410	ALKALINITY LAB (MG/L AS CACO3)	0	--	--	--	--
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	15000	--	15000	15000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	1.1	--	1.1	1.1
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	0	--	--	--	--
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Near-bottom samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
	SITE=CH-11					
P00003	SAMPLING DEPTH (FEET)	2	10.5	0.7	10.0	11.0
P00010	TEMPERATURE (DEG C)	2	24.9	4.8	21.5	28.3
P00300	OXYGEN, DISSOLVED (MG/L)	2	6.6	0.9	6.0	7.3
P00095	SPECIFIC CONDUCTANCE (UMHOS)	2	42900	9710	36000	49730
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	0	--	--	--	--
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	0	--	--	--	--
P00080	COLOR (PLATINUMCOBALT UNITS)	0	--	--	--	--
P00076	TURBIDITY (NTU)	0	--	--	--	--
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	2	10	2	8	11
P00600	NITROGEN, TOTAL (MG/L AS N)	2	0.49	0.04	0.46	0.52
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	2	0.34	0.08	0.28	0.40
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	0	--	--	--	--
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	2	0.11	0.09	0.05	0.18
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	0	--	--	--	--
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	2	0.02	0.03	0.00	0.04
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	2	0.02	0.01	0.01	0.02
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	2	0.45	0.01	0.45	0.46
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	0	--	--	--	--
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	2	0.03	0.04	0.01	0.06
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	0	--	--	--	--
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	2	0.11	0.02	0.10	0.13
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0	--	--	--	--
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	2	0.11	0.02	0.09	0.12
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	0	--	--	--	--
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	2	5.1	3.7	2.5	7.8
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	0	--	--	--	--
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	2	0.2	0.1	0.1	0.2
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	2	0.9	0.8	0.3	1.5
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	4.1	--	4.1	4.1
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	1	0.0	--	0.0	0.0
P90410	ALKALINITY LAB (MG/L AS CACO3)	0	--	--	--	--
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	2	14500	3536	12000	17000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	0	--	--	--	--
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	0	--	--	--	--
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 17.-- Statistical summaries for the Charlotte Harbor water-quality sites--Continued
(Near-bottom samples only)

VARIABLE	LABEL	N	MEAN	STANDARD DEVIATION	MINIMUM VALUE	MAXIMUM VALUE
		SITE=CH-20				
P00003	SAMPLING DEPTH (FEET)	1	10.0	--	10.0	10.0
P00010	TEMPERATURE (DEG C)	0	--	--	--	--
P00300	OXYGEN, DISSOLVED (MG/L)	0	--	--	--	--
P00095	SPECIFIC CONDUCTANCE (UMHOS)	1	49500	--	49500	49500
P00200	LIGHT INCID. 400700NM INTENS. (U-EINS /S)	0	--	--	--	--
P00034	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)	0	--	--	--	--
P00077	TRANSPARENCY (SECCHI DISK) (IN)	0	--	--	--	--
P00080	COLOR (PLATINUMCOBALT UNITS)	0	--	--	--	--
P00076	TURBIDITY (NTU)	0	--	--	--	--
P70299	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEGREES	0	--	--	--	--
P00600	NITROGEN, TOTAL (MG/L AS N)	0	--	--	--	--
P00602	NITROGEN DISSOLVED (MG/L AS N)	0	--	--	--	--
P00605	NITROGEN, ORGANIC TOTAL (MG/L AS N)	1	0.39	--	0.39	0.39
P00607	NITROGEN, ORGANIC DISSOLVED (MG/L AS N)	0	--	--	--	--
P00610	NITROGEN, AMMONIA TOTAL (MG/L AS N)	1	0.03	--	0.03	0.03
P00608	NITROGEN, AMMONIA DISSOLVED (MG/L AS N)	0	--	--	--	--
P00620	NITROGEN, NITRATE TOTAL (MG/L AS N)	0	--	--	--	--
P00618	NITROGEN, NITRATE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00615	NITROGEN, NITRITE TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00613	NITROGEN, NITRITE DISSOLVED (MG/L AS N)	0	--	--	--	--
P00625	NITROGEN,AMMONIA + ORGANIC TOTAL (MG/L AS N)	1	0.42	--	0.42	0.42
P00623	NITROGEN,AMMONIA + ORGANIC DIS. (MG/L AS N)	0	--	--	--	--
P00630	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	1	0.00	--	0.00	0.00
P00631	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N)	0	--	--	--	--
P00665	PHOSPHORUS, TOTAL (MG/L AS P)	1	0.06	--	0.06	0.06
P00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	0	--	--	--	--
P70507	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	1	0.04	--	0.04	0.04
P00671	PHOSPHORUS, ORTHO, DISSOLVED (MG/L AS P)	0	--	--	--	--
P00680	CARBON, ORGANIC TOTAL (MG/L AS C)	0	--	--	--	--
P00681	CARBON, ORGANIC DISSOLVED (MG/L AS C)	0	--	--	--	--
P00689	CARBON, ORGANIC SUSPENDED TOTAL (MG/L AS C)	0	--	--	--	--
P00955	SILICA, DISSOLVED (MG/L AS SIO2)	0	--	--	--	--
P70953	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	0	--	--	--	--
P70954	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	0	--	--	--	--
P90410	ALKALINITY LAB (MG/L AS CACO3)	0	--	--	--	--
P00915	CALCIUM DISSOLVED (MG/L AS CA)	0	--	--	--	--
P00940	CHLORIDE, DISSOLVED (MG/L AS CL)	1	19000	--	19000	19000
P00950	FLUORIDE, DISSOLVED (MG/L AS F)	1	1.4	--	1.4	1.4
P00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	0	--	--	--	--
P00935	POTASSIUM, DISSOLVED (MG/L AS K)	0	--	--	--	--
P00930	SODIUM, DISSOLVED (MG/L AS NA)	0	--	--	--	--
P00945	SULFATE DISSOLVED (MG/L AS SO4)	0	--	--	--	--
P01022	BORON, TOTAL RECOVERABLE (UG/L AS B)	0	--	--	--	--
P01037	COBALT, TOTAL RECOVERABLE (UG/L AS CO)	0	--	--	--	--
P01042	COPPER, TOTAL RECOVERABLE (UG/L AS CU)	0	--	--	--	--
P01045	IRON, TOTAL RECOVERABLE (UG/L AS FE)	0	--	--	--	--
P01055	MANGANESE, TOTAL RECOVERABLE (UG/L AS MN)	0	--	--	--	--
P01062	MOLYBDENUM, TOTAL RECOVERABLE (UG/L AS MO)	0	--	--	--	--
P01067	NICKEL, TOTAL RECOVERABLE (UG/L AS NI)	0	--	--	--	--
P01092	ZINC, TOTAL RECOVERABLE (UG/L AS ZN)	0	--	--	--	--

Table 18.--Concentrations of selected nutrients and field data at Joshua and Shell Creeks

STATION NUMBER	STATION NAME	DATE OF SAMPLE	TIME	TEMPERATURE (DEG C)	STREAMFLOW, INSTANTANEOUS (CFS)	STREAM STAGE (FT ABOVE DATUM)	SPECIFIC CONDUCTANCE (UMHOS)	SPECIFIC CONDUCTANCE LAB (UMHOS)	OXYGEN, DISSOLVED (MG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)	PH (STANDARD UNITS)	NITROGEN, TOTAL (MG/L AS N)
02297100	JOSHUA CREEK	82-12-03	0840	23.0	20	4.62	400	--	6.5	--	7.4	--
		83-02-09	1320	21.0	155	7.06	290	--	5.1	--	7.1	--
		83-04-12	1232	23.0	200	7.83	254	--	7.0	--	6.9	--
		83-04-18	1324	19.5	66	5.54	328	--	8.1	--	6.9	--
		83-06-14	0845	25.0	50	5.42	498	--	6.5	--	6.6	--
		83-08-04	1120	29.0	9.0	4.43	510	525	6.3	--	7.4	.62
		83-10-05	1055	--	--	--	--	257	--	--	--	1.6
		83-12-15	1130	--	--	--	--	278	--	--	--	1.3
		84-02-15	1620	23.0	64	--	365	370	7.6	--	6.3	1.9
		84-03-13	1825	--	3870	17.52	--	143	--	--	--	1.4
		84-03-14	1201	--	2770	16.36	--	106	--	--	--	1.1
		84-03-28	0958	24.0	81	6.11	300	298	6.3	--	7.1	1.4
		84-06-06	1615	27.5	7.1	4.37	431	438	4.8	--	7.0	.72
		84-07-11	1610	27.0	--	--	398	380	6.2	2.6	--	1.7
		84-08-14	0900	25.5	36	5.05	410	388	5.9	--	7.3	1.3
		84-10-09	1815	23.5	6.7	4.26	540	543	9.3	--	7.2	.87
02298202	SHELL CREEK	83-02-08	1200	17.0	1070	5.75	530	--	5.2	--	8.2	--
		83-04-11	1438	22.5	763	5.63	430	--	4.3	--	6.8	--
		83-04-19	0905	20.5	200	5.25	337	--	5.7	--	6.3	--
		83-06-15	1000	27.5	191	5.35	995	--	1.5	--	7.2	--
		83-08-04	1345	30.0	112	5.26	430	433	2.3	--	7.1	.65
		83-10-05	1510	--	--	--	--	261	--	--	--	1.2
		83-12-15	1455	--	--	--	--	580	--	--	--	.87
		84-02-16	1430	22.0	81	--	697	750	5.8	--	7.6	1.1
		84-03-13	1930	--	4380	6.87	--	129	--	--	--	.55
		84-03-14	1000	--	4170	6.81	--	126	--	--	--	.56
		84-03-28	1754	26.0	820	5.64	278	280	5.3	--	7.2	1.4
		84-06-06	1945	29.0	50	5.15	755	775	5.7	--	7.4	--
		84-07-10	1622	29.0	--	--	255	253	.7	1.4	--	1.0
		84-07-11	1700	27.5	--	--	252	248	.2	--	--	.87
		84-08-15	1500	30.0	544	5.48	310	306	1.2	--	6.7	1.3
		84-10-10	1320	25.0	61	5.14	463	461	7.2	--	6.9	1.2

Table 18.--Concentrations of selected nutrients and field data at Joshua and Shell Creeks--Continued

STATION NUMBER	STATION NAME	DATE OF SAMPLE	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)
02297100	JOSHUA CREEK	82-12-03	--	--	--	--	--	--	--	--	--
		83-02-09	--	--	--	--	--	--	--	--	--
		83-04-12	--	--	--	--	--	--	--	--	--
		83-04-18	--	--	--	--	--	--	--	--	23
		83-06-14	--	--	--	--	--	--	--	--	--
		83-08-04	.38	.240	.050	.33	.230	.010	.270	.180	--
		83-10-05	1.2	.380	.050	1.2	.350	.030	.400	.300	--
		83-12-15	1.0	.340	.070	.93	.330	.010	.330	.290	--
		84-02-15	1.6	.320	.040	1.6	--	<.010	.390	.320	--
		84-03-13	.95	.490	.150	.80	.470	.020	.470	.450	--
		84-03-14	.73	.380	.080	.65	.360	.020	.430	.400	--
		84-03-28	.94	.500	.040	.90	.490	.010	.420	.360	--
		84-06-06	.56	.160	.040	.52	.150	.010	.310	.270	--
		84-07-11	.93	.720	.050	.88	.710	.010	.320	.250	--
		84-08-14	.97	.360	.050	.92	.350	.010	.360	.300	--
		84-10-09	.78	.090	.040	.74	--	<.010	.280	.190	--
02298202	SHELL CREEK	83-02-08	--	--	--	--	--	--	--	--	--
		83-04-11	--	--	--	--	--	--	--	--	--
		83-04-19	--	--	--	--	--	--	--	--	25
		83-06-15	--	--	--	--	--	--	--	--	--
		83-08-04	.64	.010	.020	.62	.000	.010	.150	.110	--
		83-10-05	1.1	.060	.050	1.1	.050	.010	.130	.110	--
		83-12-15	.79	.080	.060	.73	--	<.010	.080	.080	--
		84-02-16	1.1	.020	.020	1.1	--	<.010	.070	.050	--
		84-03-13	.47	.080	.040	.43	.070	.010	.330	.250	--
		84-03-14	.47	.090	.040	.43	.080	.010	.310	.250	--
		84-03-28	1.3	.130	.040	1.3	.120	.010	.200	.140	--
		84-06-06	.99	<.020	.040	.95	--	<.010	.110	.080	--
		84-07-10	1.0	.020	.060	.94	.010	.010	.160	.130	--
		84-07-11	.85	.020	.070	.78	.010	.010	.160	.140	--
		84-08-15	1.2	.090	.080	1.1	.080	.010	.180	.130	--
		84-10-10	1.2	.010	.030	1.2	--	<.010	.130	.070	--

Table 13.--Concentrations of selected nutrients and field data at Joshua and Shell Creeks--Continued

STATION NUMBER	STATION NAME	DATE OF SAMPLE	CHLORIDE, DISSOLVED (MG/L AS CL)	SULFATE DISSOLVED (MG/L AS SO4)	SILICA, DISSOLVED (MG/L AS SIO2)
02297100	JOSHUA CREEK	82-12-03	--	--	--
		83-02-09	--	--	--
		83-04-12	--	--	--
		83-04-18	--	--	--
		83-06-14	--	--	--
		83-08-04	60	--	--
		83-10-05	27	--	--
		83-12-15	31	--	--
		84-02-15	43	--	--
		84-03-13	--	--	1.7
		84-03-14	--	--	2.1
		84-03-28	35	--	--
		84-06-06	45	--	--
		84-07-11	40	62	7.3
		84-08-14	43	--	--
		84-10-09	61	--	--
02298202	SHELL CREEK	83-02-08	--	--	--
		83-04-11	--	--	--
		83-04-19	--	--	--
		83-06-15	--	--	--
		83-08-04	60	--	--
		83-10-05	34	--	--
		83-12-15	92	--	--
		84-02-16	100	--	--
		84-03-13	--	--	1.3
		84-03-14	--	--	1.3
		84-03-28	40	--	--
		84-06-06	130	--	--
		84-07-10	32	26	4.7
		84-07-11	29	--	4.7
		84-08-15	41	--	--
		84-10-10	67	--	--

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	SAM-PLING DEPTH (FEET)	TEMPER-ATURE, AIR (DEG C)	TEMPER-ATURE (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS /SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)
02297105	84-07-11	1545	--	--	--	29.0	9.2	--	278	--	--
02297330	83-03-10	1300	40.0	--	--	--	--	--	--	--	--
	83-08-24	1000	--	<.20	--	--	--	--	223	--	--
	83-09-28	1350	--	--	--	--	--	--	--	--	--
	84-01-19	1150	--	--	--	--	--	--	282	--	--
	84-07-10	1320	--	--	--	29.0	7.1	6.3	191	--	--
	84-07-10	1755	--	--	--	29.0	6.3	--	--	--	--
	84-07-10	2215	--	--	--	28.5	6.5	--	--	--	--
	84-07-11	0520	--	--	--	28.5	5.6	--	--	--	--
	84-07-11	0915	--	--	--	27.5	6.1	--	--	--	--
	84-07-11	1440	--	--	--	29.0	7.5	--	209	--	--
	84-07-12	0535	--	--	--	28.5	5.3	--	--	--	--
A-17	84-07-10	1515	--	--	--	32.0	5.2	--	--	--	--
	84-07-10	1835	--	--	--	30.0	4.7	--	--	--	--
	84-07-11	0625	--	--	--	29.5	3.0	--	--	--	--
	84-07-11	1020	--	--	--	28.5	5.2	--	--	--	--
	84-07-11	1745	--	--	--	29.0	4.4	--	28200	--	--
	84-07-12	0620	--	--	--	29.5	4.2	--	--	--	--
A-18	84-07-11	1601	--	--	--	30.5	3.7	--	--	--	--
	84-07-12	0145	--	--	--	28.0	4.0	--	--	--	--
	84-07-12	0621	--	--	--	26.5	7.4	--	--	--	--
	84-07-12	1025	--	--	--	28.5	3.9	--	--	--	--
	84-07-12	1825	--	--	--	--	--	--	--	--	--
A-19	84-07-12	0755	--	--	--	28.0	3.0	--	--	--	--
	84-07-13	1405	--	--	--	29.5	3.0	--	359	--	--
A-20	84-07-11	0042	--	--	--	28.5	3.3	6.7	223	--	--
A-21	84-07-11	1000	--	--	--	29.0	3.8	6.7	258	--	--
A-22	84-07-10	2048	--	--	--	29.0	3.3	6.6	215	--	--
	84-07-11	1842	--	--	--	29.0	3.2	6.7	215	--	--
A-23	84-07-10	1657	--	--	--	29.0	5.4	6.9	197	--	--
A-24	84-07-10	1340	--	--	--	32.5	5.8	7.1	197	--	--
A-26	84-07-11	1715	--	--	--	--	--	--	105	--	--
PR-10	83-03-07	1600	--	1.00	--	22.5	6.0	6.7	198	--	--
	83-03-07	1601	--	4.00	--	22.5	5.8	6.7	198	--	--
	83-03-07	1602	--	8.00	--	22.5	6.0	6.8	199	--	--
	83-03-07	1603	--	11.5	--	22.5	5.9	6.8	199	--	--
	83-03-07	1615	80.0	--	--	--	--	--	--	--	--

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SAM-PLING METHOD, CODES 1/
02297105	84-07-11	--	--	--	--
02297330	83-03-10	--	--	--	--
	83-08-24	--	--	13	--
	83-09-28	--	--	8	--
	84-01-19	--	--	--	40
	84-07-10	--	--	--	--
	84-07-10	--	--	--	--
	84-07-10	--	--	--	--
	84-07-11	--	--	--	--
	84-07-11	--	--	--	--
	84-07-11	--	--	--	--
	84-07-12	--	--	--	--
A-17	84-07-10	--	--	--	--
	84-07-10	--	--	--	--
	84-07-11	--	--	--	--
	84-07-11	--	--	--	--
	84-07-11	--	--	--	--
	84-07-12	--	--	--	--
A-18	84-07-11	--	--	--	--
	84-07-12	--	--	--	--
	84-07-12	--	--	--	--
	84-07-12	--	--	--	--
	84-07-12	--	--	--	--
A-19	84-07-12	--	--	--	--
	84-07-13	--	--	--	--
A-20	84-07-11	--	--	--	--
A-21	84-07-11	--	--	--	--
A-22	84-07-10	--	--	--	--
	84-07-11	--	--	--	--
A-23	84-07-10	--	--	--	--
A-24	84-07-10	--	--	--	--
A-26	84-07-11	--	--	--	--
PR-10	83-03-07	--	--	--	--
	83-03-07	--	--	--	--
	83-03-07	--	--	--	--
	83-03-07	--	--	--	--
	83-03-07	--	--	--	--

Footnote is at end of table.

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOCKING UPSTRM. (% FROM R BANK)	SAM-PLING DEPTH (FEET)	TEMPER-ATURE, AIR (DEG C)	TEMPER-ATURE (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS /SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)
PR-10	83-03-07	1620	--	--	--	--	--	--	--	--	--
	83-03-07	1630	65.0	--	--	--	--	--	--	--	--
	83-03-07	1635	--	--	--	22.5	--	6.7	199	--	--
	83-03-07	1645	50.0	--	--	--	--	--	--	--	--
	83-03-07	1700	65.0	--	--	--	--	--	--	--	--
	83-03-07	1715	80.0	--	--	--	--	--	--	--	--
	83-03-07	1930	50.0	--	--	--	--	--	--	--	--
	83-03-08	1345	50.0	--	--	--	--	--	--	--	--
	84-09-19	1200	--	1.00	26.0	28.0	--	--	--	530	2.60
	84-09-19	1201	--	5.00	--	28.0	--	--	--	--	--
	84-09-19	1202	--	12.0	--	28.0	--	--	--	--	--
PR-20	83-03-07	1935	--	1.00	--	21.0	6.5	6.8	199	--	--
	83-03-07	1936	--	4.00	--	22.0	6.4	6.8	199	--	--
	83-03-07	2145	--	1.00	--	22.0	6.3	6.8	200	--	--
	83-03-07	2146	--	4.00	--	22.0	6.1	6.8	200	--	--
	83-03-07	2150	--	1.00	--	--	--	--	--	--	--
	83-03-07	2245	80.0	1.00	--	--	--	--	--	--	--
	83-03-09	0845	--	--	--	--	--	--	--	--	--
	84-07-11	0600	--	--	--	28.0	4.3	6.7	231	--	--
	84-09-19	1300	--	1.00	--	28.0	--	--	--	320	2.70
	84-09-19	1301	--	4.00	--	28.0	--	--	--	--	--
	84-09-19	1302	--	9.00	--	28.0	--	--	--	--	--
PR-30	83-03-08	0032	--	1.00	--	--	--	--	--	--	--
	83-03-08	0100	--	1.00	--	22.0	6.1	6.4	200	--	--
	83-03-08	0101	--	9.00	--	22.0	6.0	6.3	202	--	--
	83-03-08	0400	--	1.00	--	--	--	--	--	--	--
	83-03-08	1712	--	1.00	--	21.5	7.0	6.5	211	--	--
	83-03-08	1713	--	10.0	--	22.0	6.5	6.6	212	--	--
	83-03-09	0850	--	--	--	--	--	--	--	--	--
PR-40	83-03-09	0858	--	--	--	--	--	--	--	--	--
PR-50	83-03-08	0800	--	1.00	--	21.0	6.7	6.5	230	--	--
	83-03-08	0801	--	6.00	--	21.0	6.8	6.4	--	--	--
	83-03-08	0802	--	12.0	--	21.0	6.6	6.4	232	--	--
	83-03-08	0920	--	1.00	--	21.0	6.4	6.4	220	--	--
	83-03-08	0921	--	12.0	--	21.0	6.8	6.3	222	--	--
	83-03-08	0955	50.0	1.00	--	21.0	6.3	6.4	216	--	--
	83-03-08	0956	--	12.0	--	21.0	6.2	6.5	218	--	--
	83-03-08	1700	--	1.00	--	21.5	7.1	6.7	235	--	--
	83-03-08	1701	--	12.0	--	21.5	6.6	6.6	238	--	--
	83-03-09	0902	--	--	--	--	--	--	--	--	--

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SAM-PLING METHOD, CODES 1/
PR-10	83-03-07	--	--	6	50
	83-03-07	--	--	--	30
	83-03-07	--	--	--	--
	83-03-07	--	--	--	--
	83-03-07	--	--	--	30
	83-03-07	--	--	--	30
	83-03-07	--	--	--	30
	83-03-08	--	--	--	30
	84-09-19	25	--	--	50
	84-09-19	--	--	--	--
	84-09-19	--	--	--	--
PR-20	83-03-07	--	--	--	--
	83-03-07	--	--	--	--
	83-03-07	--	--	--	--
	83-03-07	--	--	--	--
	83-03-07	--	--	--	50
	83-03-07	--	--	--	50
	83-03-09	--	--	--	30
	84-07-11	--	--	--	--
	84-09-19	22	--	--	50
	84-09-19	--	--	--	--
	84-09-19	--	--	--	--
PR-30	83-03-08	--	--	--	50
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	50
	83-03-08	--	--	--	50
	83-03-08	--	--	--	--
	83-03-09	--	--	--	30
PR-40	83-03-09	--	--	--	30
PR-50	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	40
	83-03-08	--	--	--	--
	83-03-08	--	--	--	50
	83-03-08	--	--	--	--
	83-03-09	--	--	--	30

Footnote is at end of table.

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	SAM-PLING DEPTH (FEET)	TEMPER-ATURE, AIR (DEG C)	TEMPER-ATURE (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS /SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)
PR-50	83-03-09	1600	--	1.00	--	23.0	6.0	--	210	--	--
	83-03-09	1601	--	9.00	--	22.0	5.6	--	214	--	--
	83-03-09	1602	--	18.0	--	21.5	5.4	--	224	--	--
	84-01-19	1050	--	--	--	--	--	--	485	--	--
	84-09-19	1350	--	1.00	--	28.0	5.2	--	--	135	4.20
	84-09-19	1351	--	6.00	--	28.0	4.7	--	--	--	--
	84-09-19	1352	--	10.0	--	28.0	4.3	--	--	--	--
PR-60	83-03-08	1250	50.0	1.00	--	21.5	8.3	7.1	344	--	--
	83-03-08	1251	--	4.00	--	21.5	7.9	7.2	343	--	--
	83-03-08	1252	--	7.00	--	21.5	7.4	7.2	346	--	--
	83-03-08	1337	--	1.00	--	22.0	7.7	7.3	437	--	--
	83-03-08	1338	--	7.00	--	22.0	7.8	7.3	433	--	--
	83-03-08	1419	10.0	1.00	--	22.0	8.1	7.1	287	--	--
	83-03-08	1420	--	2.00	--	22.0	7.6	7.1	296	--	--
	83-03-08	1428	20.0	1.00	--	22.0	8.3	7.0	285	--	--
	83-03-08	1429	--	5.00	--	22.0	7.3	6.9	272	--	--
	83-03-08	1430	--	10.0	--	22.0	7.1	6.9	282	--	--
	83-03-08	1438	40.0	1.00	--	22.0	8.3	6.9	272	--	--
	83-03-08	1439	--	4.00	--	22.0	7.6	6.9	271	--	--
	83-03-08	1446	60.0	1.00	--	22.0	8.1	7.0	264	--	--
	83-03-08	1447	--	4.00	--	22.0	7.7	7.0	257	--	--
	83-03-08	1448	--	8.00	--	21.5	7.4	7.0	245	--	--
	83-03-08	1454	90.0	1.00	--	21.5	8.7	7.0	252	--	--
	83-03-08	1455	--	8.00	--	21.5	8.1	7.0	248	--	--
	83-03-08	1456	--	16.0	--	21.5	8.0	7.1	241	--	--
	83-03-08	1500	--	--	--	--	--	--	--	--	--
	83-03-08	1508	--	--	--	--	--	--	--	--	--
	83-03-08	1625	--	1.00	--	22.0	7.5	7.2	340	--	--
	83-03-08	1626	--	10.0	--	22.0	7.5	7.2	487	--	--
	83-03-09	0910	--	--	--	--	--	--	--	--	--
	83-03-09	1419	10.0	--	--	--	--	--	--	--	--
	83-03-09	1435	--	--	--	--	--	--	296	--	--
	83-03-09	1436	--	1.00	--	23.5	6.9	--	295	--	--
	83-03-09	1437	--	8.00	--	23.0	6.7	--	294	--	--
	83-03-09	1439	--	4.00	--	22.0	7.6	6.9	271	--	--
	84-09-19	1410	--	1.00	--	27.0	5.5	--	--	160	5.30
	84-09-19	1411	--	5.00	--	27.5	4.6	--	--	--	--
PR-61	83-03-09	1650	--	--	--	--	--	--	230	--	--
	83-03-09	1651	--	1.00	--	22.5	6.0	--	235	--	--
	83-03-09	1652	--	13.0	--	22.5	6.2	--	241	--	--

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SAM-PLING METHOD, CODES 1/
PR-50	83-03-09	--	400	--	30
	83-03-09	--	--	--	--
	83-03-09	--	--	--	--
	84-01-19	--	--	--	40
	84-09-19	28	--	--	50
	84-09-19	--	--	--	--
	84-09-19	--	--	--	--
PR-60	83-03-08	--	--	--	40
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	30
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	30
	83-03-08	--	--	--	--
	83-03-08	--	--	--	30
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	30
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-08	--	--	--	20
	83-03-08	--	--	--	30
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
	83-03-09	--	--	--	30
	83-03-09	--	--	--	30
	83-03-09	--	240	--	30
	83-03-09	--	--	--	--
	83-03-09	--	--	--	--
	83-03-09	--	--	--	--
	84-09-19	36	--	--	50
	84-09-19	--	--	--	--
PR-61	83-03-09	--	160	--	--
	83-03-09	--	--	--	--
	83-03-09	--	--	--	--

Footnote is at end of table.

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOCKING UPSTRM. (% FROM R BANK)	SAMPLING DEPTH (FEET)	TEMPERATURE, AIR (DEG C)	TEMPERATURE (DEG C)	OXYGEN, DISSOLVED (MG/L)	PH (STANDARD UNITS)	SPECIFIC CONDUCTANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS/SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)
PR-70	83-03-09	0918	--	--	--	--	--	--	--	--	--
	83-03-09	1410	50.0	--	--	--	--	--	227	--	--
	83-03-09	1411	--	1.00	--	22.5	7.4	--	224	--	--
	83-03-09	1412	--	8.00	--	22.0	7.0	--	225	--	--
PR-71	83-03-09	1700	--	--	--	--	--	--	220	--	--
	83-03-09	1701	--	1.00	--	22.5	6.0	--	215	--	--
	83-03-09	1702	--	10.0	--	21.0	5.9	--	215	--	--
PR-72	83-03-09	1400	10.0	1.00	--	23.5	6.6	--	286	--	--
	83-03-09	1401	--	3.00	--	23.5	6.5	--	287	--	--
PR-80	83-03-09	0925	--	--	--	--	--	--	--	--	--
	83-03-09	1300	50.0	1.00	--	22.5	7.2	--	263	--	--
	83-03-09	1330	50.0	5.00	--	22.0	7.0	--	264	--	--
	83-03-09	1335	50.0	1.00	--	22.5	7.2	--	258	--	--
PR-81	83-03-09	1345	85.0	1.00	--	22.5	7.3	--	281	--	--
	83-03-09	1346	--	5.00	--	22.5	7.2	--	276	--	--
PR-82	83-03-09	1250	15.0	1.00	--	23.0	7.3	--	308	--	--
	83-03-09	1251	--	5.00	--	23.0	7.1	--	315	--	--
PR-90	83-03-08	1740	--	1.00	--	22.0	8.2	7.3	3170	--	--
	83-03-08	1741	--	8.00	--	22.5	8.0	7.4	5160	--	--
	83-03-09	0930	--	--	--	--	--	--	--	--	--
	83-03-09	1130	50.0	--	--	24.5	7.5	--	562	--	--
	83-03-09	1201	--	1.00	--	22.0	7.5	--	698	--	--
	83-03-09	1202	--	7.00	--	21.5	7.3	--	1000	--	--
PR-91	83-03-09	1225	--	1.00	--	23.0	7.7	--	480	--	--
	83-03-09	1226	--	9.00	--	22.0	7.5	--	1210	--	--
PR-92	83-03-09	1230	10.0	1.00	--	22.5	7.3	--	480	--	--
	83-03-09	1231	--	6.00	--	22.0	7.2	--	563	--	--
PT-10	83-03-08	1400	--	--	--	--	--	--	--	--	--
PT-70	83-03-08	1020	50.0	1.00	--	21.0	8.0	6.5	259	--	--
	83-03-08	1021	--	3.00	--	20.5	7.1	6.6	287	--	--
	83-03-08	1022	--	6.00	--	20.5	6.7	6.6	291	--	--
PT-73	83-03-09	1630	--	--	--	23.5	7.0	--	315	--	--
PT-80	83-03-08	1650	--	1.00	--	22.5	7.1	7.0	284	--	--
	83-03-08	1651	--	8.00	--	22.5	6.7	6.9	284	--	--
	83-03-09	1525	--	--	--	--	--	--	265	--	--
	83-03-09	1526	--	1.00	--	23.5	6.4	--	260	--	--

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANSPARENCY (SECCHI DISK) (IN)	COLOR (PLATINUM-COBALT UNITS)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SAMPLING METHOD, CODES 1/
PR-70	83-03-09	--	--	--	30
	83-03-09	--	160	--	30
	83-03-09	--	--	--	--
	83-03-09	--	--	--	--
PR-71	83-03-09	--	160	--	30
	83-03-09	--	--	--	--
	83-03-09	--	--	--	--
PR-72	83-03-09	--	160	--	30
	83-03-09	--	--	--	--
PR-80	83-03-09	--	--	--	30
	83-03-09	--	160	--	30
	83-03-09	--	160	--	50
	83-03-09	--	160	--	50
PR-81	83-03-09	--	160	--	30
	83-03-09	--	--	--	--
PR-82	83-03-09	--	120	--	30
	83-03-09	--	--	--	--
PR-90	83-03-08	--	--	--	50
	83-03-08	--	--	--	--
	83-03-09	--	--	--	30
	83-03-09	--	160	--	30
	83-03-09	--	--	--	--
	83-03-09	--	--	--	--
PR-91	83-03-09	--	--	--	30
	83-03-09	--	--	--	--
PR-92	83-03-09	--	120	--	30
	83-03-09	--	--	--	--
PT-10	83-03-08	--	--	--	30
PT-70	83-03-08	--	--	--	30
	83-03-08	--	--	--	--
	83-03-08	--	--	--	--
PT-73	83-03-09	--	160	--	30
PT-80	83-03-08	--	--	--	50
	83-03-08	--	--	--	--
	83-03-09	--	240	--	30
	83-03-09	--	--	--	--

Footnote is at end of table.

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	SAM-PLING DEPTH (FEET)	TEMPER-ATURE, AIR (DEG C)	TEMPER-ATURE (DEG C)	OXYGEN, DIS-SOLVED (MG/L)	PH (STAND-ARD UNITS)	SPE-CIFIC CON-DUCT-ANCE (UMHOS)	LIGHT INCID. 400-700NM INTENS. (U-EINS /SQM/S)	LIGHT DEPTH TO 1% OF SURFACE LIGHT (FEET)
PT-80	83-03-09	1527	--	6.00	--	22.5	5.8	--	264	--	--
S-08	83-03-09	1720	--	1.00	--	--	--	--	720	--	--
	83-03-09	1721	--	15.0	--	--	--	--	1870	--	--

Table 19.-- Results of selected field and laboratory measurements of chemical and physical characteristics at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TRANS-PAR-ENCY (SECCHI DISK) (IN)	COLOR (PLAT-INUM-COBALT UNITS)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L)	SAM-PLING METHOD, CODES 1/
PT-80	83-03-09	--	--	--	--
S-08	83-03-09	--	--	--	--
	83-03-09	--	--	--	--

1/ SAMPLING METHOD CODES:

30 -- Depth-integrated sample, single vertical at one location
40 -- Depth-integrated sample, multiple verticals at one location
50 -- Point sample, collected at a particular depth

Table 20.-- Concentrations of selected nutrients at the Peace River water-quality sites
(Data with a prefix of "E" are approximate)

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOCKING UPSTRM. (% FROM R BANK)	NITROGEN, TOTAL (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
02297105	84-07-11	1545	--	2.5	2.2	.010	.25	.010	2.2	--	.26
02297330	83-03-10	1300	40.0	1.6	1.1	.061	.38	.021	1.2	--	.40
	83-08-24	1000	--	1.4	.98	.020	.43	.010	1.0	.97	.44
	83-09-28	1350	--	1.3	1.1	.020	.19	.010	1.1	--	.20
	84-01-19	1150	--	1.6	.86	.030	.65	.020	.89	--	.67
	84-07-10	1320	--	1.8	1.5	.020	.25	.010	1.5	--	.26
	84-07-10	1755	--	1.6	1.4	.030	.21	.010	1.4	--	.22
	84-07-10	2215	--	1.7	1.5	.040	.21	.010	1.5	--	.22
	84-07-11	0520	--	1.8	1.6	.040	.21	.010	1.6	--	.22
	84-07-11	0915	--	1.8	1.6	.030	.19	.010	1.6	--	.20
	84-07-11	1440	--	1.7	1.5	.030	.20	.010	1.5	--	.21
	84-07-12	0535	--	1.9	1.7	.050	.23	.010	1.7	--	.24
A-17	84-07-10	1515	--	1.8	1.6	.110	.05	.010	1.7	--	.06
	84-07-10	1835	--	1.0	.83	.130	.07	.010	.96	--	.08
	84-07-11	0625	--	.93	.68	.180	.06	.010	.86	--	.07
	84-07-11	1020	--	.76	.56	.130	.06	.010	.69	--	.07
	84-07-11	1745	--	.71	.53	.130	.04	.010	.66	--	.05
	84-07-12	0620	--	.65	.43	.160	.05	.010	.59	--	.06
A-18	84-07-11	1601	--	1.5	1.1	.070	.28	.010	1.2	--	.29
	84-07-11	2100	--	1.9	1.5	.060	.28	.010	1.6	--	.29
	84-07-12	0145	--	1.7	1.3	.080	.26	.010	1.4	--	.27
	84-07-12	0621	--	1.7	1.3	.100	.31	.010	1.4	--	.32
	84-07-12	1025	--	1.5	1.1	.100	.30	.010	1.2	--	.31
	84-07-12	1825	--	1.6	1.2	.100	.29	.010	1.3	--	.30
A-19	84-07-12	0755	--	1.6	1.2	.100	.29	.010	1.3	--	.30
	84-07-13	1405	--	1.6	1.2	.090	.31	.010	1.3	--	.32
A-20	84-07-11	0042	--	1.8	1.4	.070	.27	.010	1.5	--	.28
A-21	84-07-11	1000	--	1.8	1.4	.070	.29	.010	1.5	--	.30
A-22	84-07-10	2048	--	1.8	1.5	.040	.26	.010	1.5	--	.27
	84-07-11	1842	--	1.8	1.4	.070	.27	.010	1.5	--	.28
A-23	84-07-10	1657	--	2.1	1.8	.040	.25	.010	1.8	--	.26
A-24	84-07-10	1340	--	1.8	1.5	.040	.24	.010	1.5	--	.25
A-26	84-07-11	1715	--	--	--	--	--	--	--	--	--
PR-10	83-03-07	1615	80.0	--	--	.040	.32	.010	--	--	.33
	83-03-07	1620	--	1.6	1.2	.040	.32	.010	1.2	--	.33
	83-03-07	1630	65.0	--	--	.050	.32	.010	--	--	.33
	83-03-07	1645	50.0	--	--	.050	.32	.010	--	--	.33

Table 20.-- Concentrations of selected nutrients at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	SILICA, DISSOLVED (MG/L AS SIO2)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
02297105	84-07-11	1.30	--	.790	--	9.0	--	--	3.6
02297330	83-03-10	.910	--	.780	28	3.7	--	--	--
	83-08-24	1.20	1.00	1.10	--	--	--	--	--
	83-09-28	.640	--	.640	--	--	--	--	--
	84-01-19	.970	--	.830	--	--	--	--	--
	84-07-10	.770	--	.570	--	6.2	--	--	2.0
	84-07-10	.760	--	.580	--	6.2	--	--	--
	84-07-10	.880	--	.640	--	6.8	--	--	--
	84-07-11	.890	--	.670	--	6.8	--	--	2.2
	84-07-11	.880	--	.650	--	6.8	--	--	--
	84-07-11	.870	--	.650	--	6.8	--	--	2.6
	84-07-12	1.00	--	.740	--	7.7	--	--	--
A-17	84-07-10	.380	--	.320	--	2.4	--	--	--
	84-07-10	.440	--	.350	--	2.8	--	--	1.7
	84-07-11	.400	--	.350	--	2.6	--	--	1.0
	84-07-11	.380	--	.330	--	2.4	--	--	--
	84-07-11	.440	--	.320	--	2.4	--	--	--
	84-07-12	.370	--	.300	--	2.1	--	--	--
A-18	84-07-11	.840	--	.610	--	6.4	--	--	1.8
	84-07-11	.990	--	.640	--	6.6	--	--	--
	84-07-12	.960	--	.670	--	--	--	--	--
	84-07-12	.950	--	.700	--	6.8	--	--	--
	84-07-12	.900	--	.690	--	--	--	--	--
	84-07-12	.960	--	.610	--	6.0	--	--	1.3
A-19	84-07-12	.920	--	.670	--	6.8	--	--	--
	84-07-13	1.00	--	.720	--	6.8	--	--	1.5
A-20	84-07-11	.910	--	.630	--	6.2	--	--	--
A-21	84-07-11	.870	--	.640	--	6.4	--	--	--
A-22	84-07-10	.890	--	.620	--	6.2	--	--	--
	84-07-11	.940	--	.650	--	6.4	--	--	--
A-23	84-07-10	.840	--	.560	--	6.0	--	--	--
A-24	84-07-10	.850	--	.550	--	6.0	--	--	--
A-26	84-07-11	--	--	--	--	3.0	--	--	--
PR-10	83-03-07	.930	--	.800	--	2.7	--	--	--
	83-03-07	.930	--	.840	--	2.8	--	--	--
	83-03-07	.940	--	.840	--	2.8	--	--	--
	83-03-07	.950	--	.850	--	2.8	--	--	--

Table 20.-- Concentrations of selected nutrients at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	NITROGEN, TOTAL (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
PR-10	83-03-07	1700	65.0	--	--	.040	.31	.010	--	--	.32
	83-03-07	1715	80.0	--	--	.050	.31	.010	--	--	.32
	83-03-07	1725	--	--	--	.050	.30	.020	--	--	.32
	83-03-07	1930	50.0	--	--	.050	.30	.020	--	--	.32
	83-03-08	1345	50.0	1.5	1.1	.050	.29	.020	1.2	--	.31
	84-09-19	1200	--	1.7	.98	.120	.58	.020	1.1	--	.60
PR-20	83-03-07	2150	--	--	--	.050	.30	.010	--	--	.31
	83-03-07	2245	80.0	1.5	1.1	.050	.30	.010	1.2	--	.31
	83-03-09	0845	--	1.6	1.2	.070	.35	.010	1.3	--	.36
	84-07-11	0600	--	1.8	1.4	.070	.26	.010	1.5	--	.27
	84-09-19	1300	--	1.7	1.1	.090	.52	.020	1.2	--	.54
PR-30	83-03-08	0032	--	1.5	1.2	.050	.28	.010	1.3	--	.29
	83-03-08	0400	--	--	--	.050	.26	.010	--	--	.27
	83-03-08	1712	--	1.3	1.0	.051	.26	.011	1.1	--	.27
	83-03-09	0850	--	1.6	1.2	.060	.32	.010	1.3	--	.33
PR-40	83-03-09	0858	--	1.6	1.2	.060	.29	.010	1.3	--	.30
	83-03-09	1100	--	--	--	.060	.29	.010	--	--	.30
PR-50	83-03-08	0955	50.0	1.4	1.1	.051	.25	.011	1.2	--	.26
	83-03-08	1600	--	1.4	--	--	--	--	1.1	--	.32
	83-03-08	1700	--	1.4	1.1	.051	.25	.011	1.2	--	.26
	83-03-09	0902	--	1.6	1.2	.060	.29	.010	1.3	--	.30
	83-03-09	1110	--	--	--	E.060	E.28	E.010	--	--	.29
	83-03-09	1600	--	1.4	1.0	.070	.29	.030	1.1	--	.32
	84-01-19	1050	--	1.6	.88	.050	.66	.020	.93	--	.68
	84-07-13	0221	--	1.6	1.2	.070	.28	.010	1.3	--	.29
	84-09-19	1350	--	1.3	.89	.110	.33	.010	1.0	--	.34
PR-60	83-03-08	1250	50.0	--	--	.041	.11	.011	--	--	.12
	83-03-08	1419	10.0	--	--	.050	.11	.010	--	--	.12
	83-03-08	1428	20.0	--	--	.030	.17	.010	--	--	.18
	83-03-08	1438	40.0	1.3	1.0	.040	.20	.010	1.0	--	.21
	83-03-08	1446	60.0	--	--	.040	.25	.010	--	--	.26
	83-03-08	1454	90.0	--	--	.030	.25	.020	--	--	.27
	83-03-08	1500	--	1.4	1.1	.040	.20	.010	1.1	--	.21
	83-03-08	1508	--	1.2	1.0	.041	.13	.011	1.0	--	.14
	83-03-09	0910	--	1.1	1.0	.030	.08	.010	1.0	--	.09
	83-03-09	1419	10.0	--	--	--	--	--	--	--	--
	83-03-09	1435	--	--	--	.031	.15	.011	--	--	.16
	83-03-09	1710	--	1.1	1.0	.031	.09	.011	1.0	--	.10
	84-09-19	1410	--	1.3	1.0	.060	.15	.010	1.1	--	.16
PR-61	83-03-09	1650	--	--	--	.041	.26	.021	--	--	.28

Table 20.-- Concentrations of selected nutrients at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	PHOSPHORUS, TOTAL (MG/L AS P)	PHOSPHORUS, DISSOLVED (MG/L AS P)	PHOSPHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	SILICA, DISSOLVED (MG/L AS SIO2)	CHLOR-A PHYTOPLANKTON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTOPLANKTON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIOCHEMICAL, 5 DAY (MG/L)
PR-10	83-03-07	.930	--	.850	--	2.8	--	--	--
	83-03-07	.910	--	.850	--	2.8	--	--	--
	83-03-07	.930	--	.860	--	2.8	--	--	--
	83-03-07	.930	--	.860	--	2.8	--	--	--
	83-03-08	.940	--	.840	--	--	--	--	--
	84-09-19	1.40	--	1.30	18	--	3.80	<.100	--
PR-20	83-03-07	.950	--	.820	--	--	--	--	--
	83-03-07	.980	--	.850	--	--	--	--	--
	83-03-09	.980	--	.830	--	--	--	--	--
	84-07-11	.890	--	.640	--	6.2	--	--	--
	84-09-19	1.30	--	1.20	16	--	2.90	<.100	--
PR-30	83-03-08	.950	--	.850	--	--	--	--	--
	83-03-08	.940	--	.850	--	--	--	--	--
	83-03-08	.930	--	.790	--	2.8	--	--	--
	83-03-09	.990	--	.840	--	--	--	--	--
PR-40	83-03-09	.870	--	.820	--	--	--	--	--
	83-03-09	.910	--	.800	--	--	--	--	--
PR-50	83-03-08	.910	--	.800	--	2.8	--	--	--
	83-03-08	--	--	--	--	--	--	--	--
	83-03-08	.890	--	.800	--	2.8	--	--	--
	83-03-09	.930	--	.820	--	--	--	--	--
	83-03-09	E.890	--	E.800	--	--	--	--	--
	83-03-09	.900	--	.800	23	3.2	--	--	--
	84-01-19	1.00	--	.830	--	--	--	--	--
	84-07-13	.970	--	.700	--	6.8	--	--	1.4
	84-09-19	.930	--	.830	16	--	2.00	<.100	--
PR-60	83-03-08	.281	--	.231	--	1.3	--	--	--
	83-03-08	.260	--	.220	--	--	--	--	--
	83-03-08	.560	--	.460	--	--	--	--	--
	83-03-08	.660	--	.520	--	--	--	--	--
	83-03-08	.910	--	.680	--	--	--	--	--
	83-03-08	1.00	--	.730	--	--	--	--	--
	83-03-08	.670	--	.540	--	--	--	--	--
	83-03-08	.341	--	.261	--	1.4	--	--	--
	83-03-09	.180	--	.130	--	--	--	--	--
	83-03-09	--	--	--	--	--	--	--	--
	83-03-09	.451	--	.381	--	2.0	--	--	--
	83-03-09	.221	--	.161	--	--	--	--	--
	84-09-19	.540	--	.450	14	--	5.90	<.100	--
PR-61	83-03-09	.900	--	.840	--	3.0	--	--	--

Table 20.-- Concentrations of selected nutrients at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	NITROGEN, TOTAL (MG/L AS N)	NITROGEN, ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA TOTAL (MG/L AS N)	NITROGEN, NITRATE TOTAL (MG/L AS N)	NITROGEN, NITRITE TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC TOTAL (MG/L AS N)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N)	NITROGEN, NO2+NO3 TOTAL (MG/L AS N)
PR-70	83-03-09	0918	--	1.3	1.1	.040	.19	.010	1.1	--	.20
	83-03-09	1236	--	--	--	E.050	E.25	E.010	--	--	.26
	83-03-09	1410	50.0	--	--	.041	.27	.011	--	--	--
	83-03-09	1742	--	1.4	1.1	.031	.21	.011	1.1	--	.22
PR-71	83-03-09	1700	--	--	--	.051	.25	.021	--	--	.27
PR-72	83-03-09	1400	10.0	--	--	.040	.10	.010	--	--	.11
PR-80	83-03-09	0925	--	1.4	1.1	.050	.27	.010	1.2	--	.28
	83-03-09	1300	50.0	1.4	1.1	.051	.26	.011	1.2	--	.27
	83-03-09	1330	50.0	1.4	1.1	.050	.26	.010	1.2	--	.27
	83-03-09	1335	50.0	1.4	1.1	.050	.26	.010	1.2	--	.27
PR-81	83-03-09	1345	85.0	1.4	1.1	.040	.28	.010	1.1	--	.29
PR-82	83-03-09	1250	15.0	1.2	1.0	.040	.14	.010	1.0	--	.15
PR-90	83-03-08	1740	--	1.6	1.3	.051	.24	.021	1.4	--	.26
	83-03-09	0930	--	1.5	1.2	.050	.27	.010	1.3	--	.28
	83-03-09	1130	50.0	1.6	1.2	.041	.29	.021	1.2	--	.31
	83-03-09	1335	--	--	--	E.060	E.26	E.010	--	--	.27
PR-91	83-03-09	1225	--	1.5	1.2	.040	.26	.020	1.2	--	.28
PR-92	83-03-09	1230	10.0	1.4	1.1	.070	.17	.010	1.2	--	.18
PT-10	83-03-08	1400	--	1.6	1.2	.050	.28	.020	1.3	--	.30
PT-70	83-03-08	1020	50.0	1.4	1.1	.051	.24	.011	1.2	--	.25
PT-73	83-03-09	1630	--	--	--	.020	.23	.020	--	--	.25
PT-80	83-03-08	1650	--	1.2	1.1	.041	.09	.011	1.1	--	.10
	83-03-09	1525	--	--	--	.041	.08	.011	--	--	--
	83-03-09	1653	--	1.1	1.0	.041	.08	.011	1.0	--	.09

Table 20.-- Concentrations of selected nutrients at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	PHOS-PHORUS, TOTAL (MG/L AS P)	PHOS-PHORUS, DIS-SOLVED (MG/L AS P)	PHOS-PHORUS, ORTHO, TOTAL (MG/L AS P)	CARBON, ORGANIC TOTAL (MG/L AS C)	SILICA, DIS-SOLVED (MG/L AS SIO2)	CHLOR-A PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	CHLOR-B PHYTO-PLANK-TON CHROMO FLUOROM (UG/L)	OXYGEN DEMAND, BIO-CHEM-ICAL, 5 DAY (MG/L)
PR-70	83-03-09	.600	--	.510	--	--	--	--	--
	83-03-09	E.800	--	E.700	--	--	--	--	--
	83-03-09	.860	--	.770	23	2.8	--	--	--
	83-03-09	.711	--	.631	--	--	--	--	--
PR-71	83-03-09	.910	--	.830	--	3.1	--	--	--
PR-72	83-03-09	.250	--	.190	--	--	--	--	--
PR-80	83-03-09	.930	--	.780	--	--	--	--	--
	83-03-09	.820	--	.701	23	2.6	--	--	--
	83-03-09	.840	--	.700	--	--	--	--	--
	83-03-09	.830	--	.700	--	--	--	--	--
PR-81	83-03-09	.890	--	.800	--	--	--	--	--
PR-82	83-03-09	.320	--	.280	--	--	--	--	--
PR-90	83-03-08	.860	--	.611	--	2.9	--	--	--
	83-03-09	.920	--	.760	--	--	--	--	--
	83-03-09	.930	--	.760	--	2.9	--	--	--
	83-03-09	E.840	--	E.680	--	--	--	--	--
PR-91	83-03-09	.930	--	.720	--	--	--	--	--
PR-92	83-03-09	.460	--	.370	--	--	--	--	--
PT-10	83-03-08	.950	--	.810	--	--	--	--	--
PT-70	83-03-08	.930	--	.731	--	2.9	--	--	--
PT-73	83-03-09	.970	--	.870	--	--	--	--	--
PT-80	83-03-08	.171	--	.111	--	--	--	--	--
	83-03-09	.151	--	.121	19	1.6	--	--	--
	83-03-09	.181	--	.131	--	--	--	--	--

Table 21.-- Concentrations of selected ions and related variables at the Peace River water-quality sites

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	ALKALINITY LAB (MG/L AS CACO3)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
02297105	84-07-11	1545	--	--	23	--	9.0	--	270
02297330	83-03-10	1300	40.0	--	20	--	3.7	--	205
	83-08-24	1000	--	35	18	--	--	32	211
	83-09-28	1350	--	--	11	--	--	--	128
	84-01-19	1150	--	--	25	.90	--	--	261
	84-07-10	1320	--	--	16	--	6.2	--	193
	84-07-10	1755	--	--	16	--	6.2	--	184
	84-07-10	2215	--	--	32	--	6.8	--	263
	84-07-11	0520	--	--	19	--	6.8	--	211
	84-07-11	0915	--	--	23	--	6.8	--	220
	84-07-11	1440	--	--	19	--	6.8	--	215
	84-07-12	0535	--	--	22	--	7.7	--	242
A-17	84-07-10	1515	--	--	9400	--	2.4	--	26400
	84-07-10	1835	--	--	8300	--	2.8	--	23000
	84-07-11	0625	--	--	8700	--	2.6	--	24500
	84-07-11	1020	--	--	9700	--	2.4	--	26400
	84-07-11	1745	--	--	9700	--	2.4	--	26000
	84-07-12	0620	--	--	10000	--	2.1	--	27400
A-18	84-07-11	1601	--	--	180	--	6.4	--	765
	84-07-11	2100	--	--	23	--	6.6	--	720
	84-07-12	0145	--	--	27	--	--	--	750
	84-07-12	0621	--	--	82	--	6.8	--	440
	84-07-12	1025	--	--	46	--	--	--	312
	84-07-12	1825	--	--	540	--	6.0	--	1960
A-19	84-07-12	0755	--	--	29	--	6.8	--	247
	84-07-13	1405	--	--	57	--	6.8	--	343
A-20	84-07-11	0042	--	--	20	--	6.2	--	215
A-21	84-07-11	1000	--	--	22	--	6.4	--	225
A-22	84-07-10	2048	--	--	18	--	6.2	--	210
	84-07-11	1842	--	--	20	--	6.4	--	203
A-23	84-07-10	1657	--	--	17	--	6.0	--	186
A-24	84-07-10	1340	--	--	16	--	6.0	--	190
A-26	84-07-11	1715	--	22	17	--	3.0	4.8	116
PR-10	83-03-07	1615	80.0	--	17	--	2.7	--	198
	83-03-07	1620	--	--	19	--	2.8	--	198
	83-03-07	1630	65.0	--	18	--	2.8	--	200
	83-03-07	1645	50.0	--	18	--	2.8	--	200

Table 21.-- Concentrations of selected ions and related variables at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FRCM R BANK)	ALKALINITY LAB (MG/L AS CACO3)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
PR-10	83-03-07	1700	65.0	--	18	--	2.8	--	200
	83-03-07	1715	80.0	--	18	--	2.8	--	200
	83-03-07	1725	--	--	18	--	2.8	--	200
	83-03-07	1930	50.0	--	18	--	2.8	--	200
	83-03-08	1345	50.0	--	24	--	--	--	193
	84-09-19	1200	--	--	33	--	--	--	304
PR-20	83-03-07	2245	80.0	--	--	--	--	--	--
	84-07-11	0600	--	--	18	--	6.2	--	206
	84-09-19	1300	--	--	27	--	--	--	287
PR-30	83-03-08	1712	--	--	22	--	2.8	--	209
PR-50	83-03-08	0955	50.0	--	22	--	2.8	--	214
	83-03-08	1700	--	--	27	--	2.8	--	225
	83-03-09	1600	--	--	25	--	3.2	29	215
	84-01-19	1050	--	--	83	.90	--	--	465
	84-07-13	0221	--	--	80	--	6.8	--	414
	84-09-19	1350	--	--	1300	--	--	--	4660
PR-60	83-03-08	1250	50.0	--	55	--	1.3	--	320
	83-03-08	1419	10.0	--	--	--	--	--	--
	83-03-08	1428	20.0	--	--	--	--	--	--
	83-03-08	1438	40.0	--	--	--	--	--	--
	83-03-08	1446	60.0	--	--	--	--	--	--
	83-03-08	1454	90.0	--	--	--	--	--	--
	83-03-08	1508	--	--	43	--	1.4	--	280
	83-03-09	1419	10.0	--	--	--	--	--	--
	83-03-09	1435	--	46	46	--	2.0	--	293
	84-09-19	1410	--	--	1900	--	--	--	6630
PR-61	83-03-09	1650	--	--	29	--	3.0	--	--
PR-70	83-03-09	1410	50.0	--	30	--	2.8	27	235
PR-71	83-03-09	1700	--	--	27	--	3.1	--	223
PR-72	83-03-09	1400	10.0	--	48	--	--	--	298
PR-80	83-03-09	1300	50.0	--	38	--	2.6	31	265
	83-03-09	1330	50.0	--	39	--	--	--	266
	83-03-09	1335	50.0	--	37	--	--	--	263
PR-81	83-03-09	1345	85.0	--	45	--	--	--	279
PR-82	83-03-09	1250	15.0	--	53	--	--	--	310
PR-90	83-03-08	1740	--	--	900	--	2.9	--	3050

Table 21.-- Concentrations of selected ions and related variables at the Peace River water-quality sites--Continued

SITE CODE	DATE OF SAMPLE	TIME	SAMPLE LOCAT. X-SECT. LOOKING UPSTRM. (% FROM R BANK)	ALKALINITY LAB (MG/L AS CACO3)	CHLORIDE, DISSOLVED (MG/L AS CL)	FLUORIDE, DISSOLVED (MG/L AS F)	SILICA, DISSOLVED (MG/L AS SIO2)	SULFATE DISSOLVED (MG/L AS SO4)	SPECIFIC CONDUCTANCE LAB (UMHOS)
PR-90	83-03-09	1130	50.0	--	120	--	2.9	--	540
PR-92	83-03-09	1230	10.0	--	110	--	--	--	530
PT-10	83-03-08	1400	--	--	19	--	--	--	190
PT-70	83-03-08	1020	50.0	--	38	--	2.9	--	270
PT-73	83-03-09	1630	--	--	55	--	--	--	321
PT-80	83-03-09	1525	--	--	40	--	1.6	21	265
S-08	83-03-09	1725	--	--	640	--	--	--	2200

Table 22.-- Concentrations of selected radioactive constituents

SITE CODE	DATE OF SAMPLE	TIME	GROSS BETA, DIS-SOLVED (PCI/L AS CS-137)	GROSS BETA, DIS-SOLVED (PCI/L AS SR/YT-90)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/YT-90)	GROSS ALPHA, DIS-SOLVED (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT)	RA-226, DIS-SOLVED, PLAN-CHET COUNT (PCI/L)	RADIUM 226, DIS-SOLVED, RADON METHOD (PCI/L)
02297330	83-08-24	1000	4.6	4.4	1.1	.9	<4.0	2.0	--	--	.21
	83-09-28	1350	3.9	3.3	<.5	<.5	<2.4	<.5	--	--	.16
02298930	83-09-28	1900	2.8	2.4	<.5	<.5	<1.7	<.5	--	--	.15
CH-04	82-12-14	1030	<340	<330	1.0	1.0	<490	1.6	1.1	--	.88
	82-12-14	1031	<340	<330	--	--	<490	--	--	--	--
	83-08-23	1640	--	--	--	--	--	--	--	--	.50
CH-06	82-12-14	1530	<520	<490	.8	.8	<880	.6	.4	--	1.1
	83-08-23	1545	--	--	--	--	--	--	--	--	.50
CH-11	82-12-15	1000	<600	<570	<.4	<.4	<900	<.4	<.3	--	<.58
CH-02	82-12-15	1300	<470	<450	.9	.9	<880	.7	.5	--	1.4
	84-01-18	1500	--	--	--	--	--	--	--	--	.76
CH-27	82-12-16	1100	<650	<620	<.4	<.4	<1000	<.4	<.3	--	.95
CH-05	83-03-10	1000	--	--	<.4	<.4	--	<.4	--	.3	--
	83-08-23	1615	--	--	<.4	<.4	--	<.4	--	--	.68
CH-15	83-09-21	0950	<590	<490	<.4	<.4	<1400	<.4	--	--	.50
S-08	83-03-09	1725	16	15	--	--	<21	--	--	.3	--

Table 22.-- Concentrations of selected radioactive constituents--Continued

SITE CODE	DATE OF SAMPLE	RADIUM 228, TOTAL (PCI/L)	URANIUM DISSOLVED, EXTRACTION (UG/L)
02297330	83-08-24	--	.18
	83-09-28	--	.37
02298930	83-09-28	--	.16
CH-04	82-12-14	--	2.2
	82-12-14	--	--
	83-08-23	--	--
CH-06	82-12-14	--	3.3
	83-08-23	--	--
CH-11	82-12-15	--	3.8
CH-02	82-12-15	--	2.9
	84-01-18	--	--
CH-27	82-12-16	--	4.3
CH-05	83-03-10	<3.0	--
	83-08-23	--	.73
CH-15	83-09-21	--	2.8
S-08	83-03-09	<2.0	--

Table 23.--Sample preservation and treatment

Constituent	Bottle	Preservation and treatment
Nitrogen and phosphorus	Brown polyethylene bottle	Add mercuric chloride ($HgCl_2$/NaCl); chill on ice to 4°C.
Total organic carbon	Oven-fired glass bottle	Chill on ice to 4°C.
Dissolved organic carbon	Oven-fired glass bottle	Filter water through 0.45-micron silver metal membrane; chill on ice to 4°C.
Organic compounds	Oven-fired glass bottle	Chill on ice to 4°C.
Metals	Acid-rinsed polyethylene bottle	Acidify with nitric acid (HNO_3) to pH<2.
Chlorophylls *a* and *b*	Oven-fired glass vial	Sample is filtered onto 0.7-micron glass fiber filter; chill on ice to 4°C.
Phytoplankton	Polyethylene bottle	Preserve with Lugol's solution; store away from sunlight.
Color, turbidity	Polyethylene bottle	Chill on ice to 4°C.
Dissolved constituents	Appropriate bottle (see above)	Filter water through 0.45-micron cellulose membrane filter.
All other constituents in water	Polyethylene bottle	No treatment.
Constituents in bottom sediments	Plastic freezer container	Chill on ice to 4°C.

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