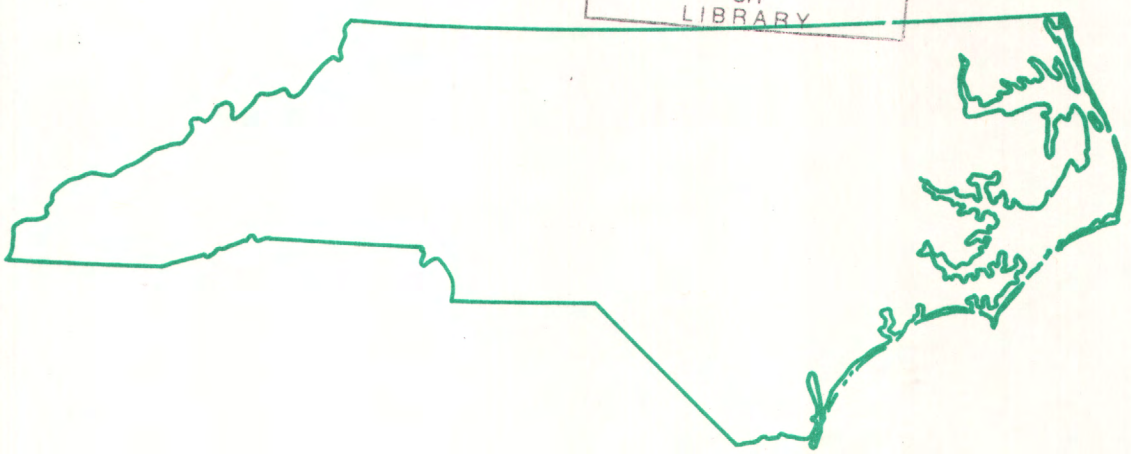
Water Resources Data North Carolina Water Year 1995

Volume 2. Ground-Water Records



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NC-95-2
Prepared in cooperation with the North Carolina Department of Environment, Health, and Natural Resources, and with other State, municipal, and Federal agencies

CALENDAR FOR WATER YEAR 1995

1994

OCTOBER

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1995

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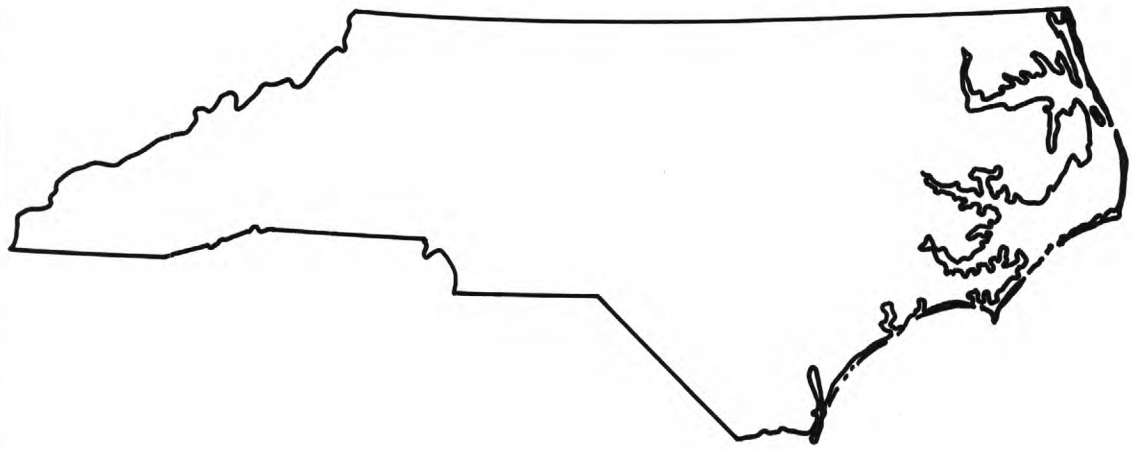
Volume 2. Ground-Water Records

by D.G. Smith, E.D. George, and P.L. Breton



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT NC-95-2
Prepared in cooperation with the North Carolina Department of Environment, Health, and Natural Resources, and with other State, municipal, and Federal agencies

U. S. DEPARTMENT OF THE INTERIOR

BRUCE BABBITT, Secretary

GEOLOGICAL SURVEY

GORDON P. EATON, Director

For information on the water program in North Carolina write to:

District Chief
U.S. Geological Survey
3916 Sunset Ridge Road
Raleigh, NC 27607

1996

PREFACE

This volume of the annual hydrologic-data report is one of a series of annual reports across the Nation that document hydrologic data gathered from the U.S. Geological Survey's ground-water data-collection networks in each State, Puerto Rico, and the Trust Territories. These records provide hydrologic information needed by State, local, and Federal agencies, and the private sector for developing and managing our Nation's land and water resources. Ground-water data for North Carolina are contained in this volume.

This report is the culmination of a concerted effort by dedicated personnel of the U.S. Geological Survey who collected, compiled, analyzed, verified, and organized the data, and who typed, edited, and assembled the report. In addition to the authors, who had primary responsibility for assuring that the information contained herein is accurate, complete, and adheres to Geological Survey policy and established guidelines, the following individuals contributed significantly to the collection, processing, and tabulation of the data:

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Pamilee L. Breton edited much of the text, tables and graphs, of this report. Pamilee L. Breton and Douglas G. Smith assembled the report.

This report was prepared in cooperation with the State of North Carolina, other agencies, and under the general supervision of Gerald L. Ryan, District Chief; and Wanda C. Meeks, Regional Hydrologist, Southeastern Region.

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13. ABSTRACT *(Maximum 200 words)*

Water-resources data for the 1995 water year for North Carolina consist of records of ground-water levels and water quality of ground water; records of stage, discharge, and water quality of streams; and stage and contents of lakes and reservoirs. This report contains ground-water level data from 81 observation wells and ground-water quality data from 125 wells. The collection of water-resources data in North Carolina is a part of the National Water-Data System operated by the U.S. Geological Survey in cooperation with State, municipal, and Federal agencies.

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INTRODUCTION

Water-resources data for the 1995 water year for North Carolina consist of records of ground-water levels and water quality of ground water; records of stage, discharge and water quality of streams; and stage and contents of lakes and reservoirs. This report contains ground-water-level data from 81 observation wells and ground-water-quality data from 125 wells. The collection of water-resources data in North Carolina is a part of the National Water-Data System operated by the U.S. Geological Survey in cooperation with State, municipal, and other Federal agencies.

Records of ground-water levels were published from 1935 to 1974 in a series of Water-Supply Papers entitled "Ground-Water Levels in the United States." Water-supply papers can be found in the libraries of principal cities and universities throughout the United States or can be purchased from the U.S. Geological Survey, Earth Science Information Center, Open-File Reports Section, Denver Federal Center, Box 25286, Mail Stop 517, Denver, Colorado 80225.

Ground-water-level data beginning with the 1975 water year are published only in reports on a State-by-State basis. Beginning with the 1975 water year these Survey reports carry an identification number consisting of the two-letter State abbreviation, the last two digits of the water year, and the volume number. For example, this report is identified as "U.S. Geological Survey Water-Data Report NC-95-2. Water-data reports are for sale by the National Technical Information Service, U.S. Department of Commerce, Springfield, Virginia 22161.

COOPERATION

Cooperative agreements between the U.S. Geological Survey and organizations of the State of North Carolina for the systematic collection of water-resources data began in 1895 and continued through 1909. Following a lapse of 8 years, the State of North Carolina resumed cooperation in October 1918. Organizations that have cooperative agreements with the U.S. Geological Survey and assisted in collecting the water-resources data contained in this report are:

North Carolina Department of Environment, Health, and Natural Resources
City of Charlotte
Mecklenburg County
Lumber River Council of Governments

The following Federal agency assisted in the data-collection program by furnishing funds or services:

U.S. Navy, Marine Corps, Department of the Navy

The following organization aided in the collection of records;

Champion International Corporation

OBJECTIVE CONCEPT FOR GROUND-WATER-LEVEL DATA

The ground-water-level data collected during the 1995 water year from observation wells in the statewide program and special project wells are published in this report. The statewide program is a cooperative program between the U.S. Geological Survey (USGS) and the North Carolina Department of Environment, Health, and Natural Resources (DEHNR). Observation wells for this program are located so that the most significant data are obtained from the fewest number of wells in the major aquifers of the State. Monitoring wells for this program are categorized in one of two networks based on specific objectives (table 1). The first network, the natural-effects network, has the objective of measuring the effects of natural stresses on ground-water storage. This network contains climatic-effects wells, which monitor the effects of climate, such as rainfall and the duration of the growing season, on ground-water storage in unconfined aquifers. This network also contains terrane-effects wells which are used to define the effects of different depths to the water table and topography and geology on ground-water storage in response to climatic stresses. The second network, the induced-effects network, defines the effect of human-induced stress on the ground-water system; the major induced stress being ground-water withdrawal by pumping. Within the induced-effects network are local-effects wells located near large-capacity pumping wells or well fields. These local-effects wells are used to measure daily or weekly water-level fluctuations. Areal-effects wells, also in the induced-effects network, are used to determine the status of ground-water storage in an aquifer over a large area and to aid in determining the areal extent of major aquifers.

The particular effect each well in the statewide program monitors is explained in the information header for each well. The headers for the special project wells contain a reference to those projects.

MAJOR AQUIFERS

The major aquifers in North Carolina can be divided into two zones related to the physiographic provinces of the State. The Piedmont and Blue Ridge Provinces (fig. 1) extend across the western 60 percent of the State and are, for the most part, underlain by fractured, igneous and metamorphic rocks (fig. 2). The fractured igneous and metamorphic rocks have low permeability but are, nevertheless, the major aquifers in the Piedmont and Blue Ridge Provinces. These rocks are covered almost everywhere by regolith, which is either a clayey or sandy saprolite consisting of weathered parent material, or sand and clayey-sand alluvium. The regolith, although not a major aquifer, contains most of the ground water in storage and is a source of water to the underlying igneous and metamorphic rock aquifers. All observation wells in the Piedmont and Blue Ridge Provinces that were measured in the 1995 water year tapped the regolith.

The Coastal Plain Province covers the eastern 40 percent of North Carolina, where aquifers are within a wedge of sedimentary rock layers that dip and thicken to the southeast (fig. 2). The Coastal Plain sediments have been divided by Winner and Coble (1989) into 10 aquifers separated by confining units.

Ground water in the regolith of the Piedmont and Blue Ridge Provinces and in the surficial aquifer of the Coastal Plain Province generally is unconfined. Ground water in the other Coastal Plain aquifers generally is under confined conditions.

Table 1.--*Type, objective, and use of data from the North Carolina observation-well program*

[Adapted from Winner, 1981]

Type	Objective	Use of data
	Natural effects	
Climatic effects	To define effects of climate on ground-water storage.	Hydrographs showing natural changes in storage.
Terrane effects	To define effects of climate on ground-water storage as modified by topography and geology.	Hydrographs showing natural changes in storage as modified by topography and geology.
	Induced effects	
Local effects	To define effects of ground-water withdrawals on storage near points of withdrawal. To define the hydraulic characteristics of aquifers. To define effectiveness of confining beds in separating aquifers.	Maps showing potentiometric-surface depressions. Hydrographs showing changes in water levels with time. Graphs showing water levels during pumping conditions as a function of pumping rates.
Areal effects	To determine status of storage over the entire areal extent of the aquifer. To define regional continuity of aquifers.	Regional water-level maps. Maps showing net change in storage over a specific time period. Define recharge and discharge areas for areal extensive aquifers.

SUMMARY OF WATER-RESOURCES CONDITIONS

Precipitation

Most of North Carolina received less-than-average amounts of precipitation during the first quarter of the 1995 water year. Average amounts of precipitation are based on data from the 30-year base period 1961-90. Rainfall data collected at key National Weather Service stations (figs. 1 and 2) suggest that precipitation totals during the fall months (October through December) of 1994 were near or below average throughout much of the State. The largest amount of precipitation, during the fall, 5.84 inches above average, was reported in October near Wilmington (southern Coastal Plain Province).

Generally, precipitation increased during January and February and produced above-average totals throughout much of the State. January ranked as the 29th wettest January for North Carolina. In March, precipitation totals were below average at all key index stations across the State except at Wilmington where precipitation was nearly one-half inch above normal. Precipitation totals during the winter months (January through March) were above average in the western, northeast central, and southeastern regions of the State.

The first month of spring (April through June) was unusually dry. Total precipitation for April at 4 key weather stations was more than 2.00 inches below average and more than one inch below average at the 2 remaining stations. May precipitation remained below average across the State except near Asheville (Blue Ridge Province) and Wilmington (southern Coastal Plain Province), where precipitation was 1.61 and 2.04 inches above average, respectively. Significant amounts of rainfall fell across the State in June to raise precipitation totals into the above-average range for the season. The greatest precipitation total, for June, was reported near Wilmington, which received 12.03 inches, more than 6 inches above average.

Summer (July through September) precipitation totals were below average across much of the State. Only Asheville (Blue Ridge Province) and Charlotte (southern Piedmont Province) reported above-average totals of 1.07 and 2.97 inches, respectively for the quarter. July rainfall was below average in the western region and across the northern portion of the State. Above-average rainfall was reported across the western half of the State during August. The National Weather Service reported record amounts of rainfall in Charlotte and Greensboro. A new daily record rainfall total of 4.39 inches at Charlotte for August 27 broke a previous record of 2.99 inches set in 1975. A daily record rainfall total of 4.52 inches at the Piedmont Triad International Airport (Greensboro) broke a previous record of 3.98 inches set in 1949, becoming the fifth wettest single calendar day of record for August. In September, below-average rainfall was reported at all key index stations except Wilmington, which received 1.88 inches above average.

Ground Water

Ground-water levels in the surficial aquifer of the Coastal Plain Province and in the regolith of the Piedmont and Blue Ridge Provinces respond to climatic influences, as the continual discharge of ground-water to streams is offset by periodic recharge by precipitation. Water levels in these unconfined aquifers generally decline throughout the growing season and are typically highest during the winter months, when evapotranspiration losses are lowest.

Ground-water-level fluctuations were somewhat muted during the 1995 water year. Statewide, water levels in climatic- and terrane-effects wells generally were similar at the beginning and end of the water year, indicating that recharge to ground water was nearly equal to discharge from it during the year. The following discussion of ground-water levels across the State is organized by the index wells, the natural-effects wells, and the induced-effects wells.

Index Wells

Water levels in index observation wells in the Blue Ridge, Piedmont, and Coastal Plain Provinces provide a general indication of ground-water fluctuations in the shallow aquifers of the respective physiographic provinces. Figure 4 displays the hydrographs of month-end water levels in these index observation wells. Each hydrograph represents month-end water-levels for the 1995 water year, average month-end water levels for the period of record, and record high and low month-end water levels for each index well.

Water levels in the Blue Ridge and Piedmont index wells (fig. 4) began the water year well above normal (about 5 ft and 3 ft respectively). These water levels remained in the above average range for the entire water year. Water levels in the Blue Ridge well ended the water year at approximately the same level as it began. Water levels in the Piedmont well ended the water year with a gain of approximately 0.7 ft, indicating a slight increase in aquifer storage. In the Coastal Plain index well (fig. 4), water levels began the water year below normal. Above average precipitation resulted in greater than normal recharge during January and February and in a record high water level for the well in February. A second recharge event occurred during the growing season in June, resulting in another record high. Wilmington reported June rainfall at 6.05 inches above normal (200% of average precipitation). Water levels ended the water year at approximately the same level as they began, indicating no change in aquifer storage.

Natural-Effects Wells

Deficient rainfall for the months of November and December in the Blue Ridge and Piedmont Provinces occurred at a time of typically recharging conditions. This and alternate wet and dry periods throughout the year resulted in hydrographs with less magnitude than is typical for natural-effects wells (NC-142). Water levels in natural effects wells increased less than normal during November and December. Most of the winter recharge occurred in January. Below average precipitation from February through May resulted in greater water-level declines than normal. Heavy rains during the summer months allowed water levels to rebound, ending the year at or slightly above water levels at the beginning of the water year.

Precipitation distribution in the Coastal Plain Province was more typical, and this is reflected in the natural-effects wells. Hydrographs are generally less muted, (NC-173). The effects of a dry period in the early summer are indicated, as well as a spike in reached due to Heavy June precipitation.

Induced-Effects Wells

Ground-water withdrawals in the Coastal Plain Province have resulted in declining water levels in confined aquifers in some places for a number of years. This declining trend is evidenced by the long-term record from several induced-effects observation wells that tap five of the major aquifers in eastern North Carolina -- the Castle Hayne and Black Creek aquifers (fig. 5), and the Peedee, upper Cape Fear, and lower Cape Fear aquifers (fig. 6).

The record for observation well NC-13 (fig. 5) shows the fluctuations of water levels in the Castle Hayne aquifer resulting from changes in pumping at a large mining and manufacturing operation in the eastern part of Beaufort County. Water-level fluctuations shown in the records from well NC-13 reflect changes in the location of major pumping activity. The record of well NC-145, also in Beaufort County, shows a similar pattern. The areal cone of depression resulting from this pumpage has covered more than 3,000 mi^2 (Coble and others, 1989). The limits of this regional cone of depression in the Castle Hayne aquifer are shown by the stabilized or rising water levels and natural water-level fluctuations in wells NC-137, NC-156, NC-159, and NC-169 in Beaufort, Washington, Hyde, and Pamlico Counties, respectively.

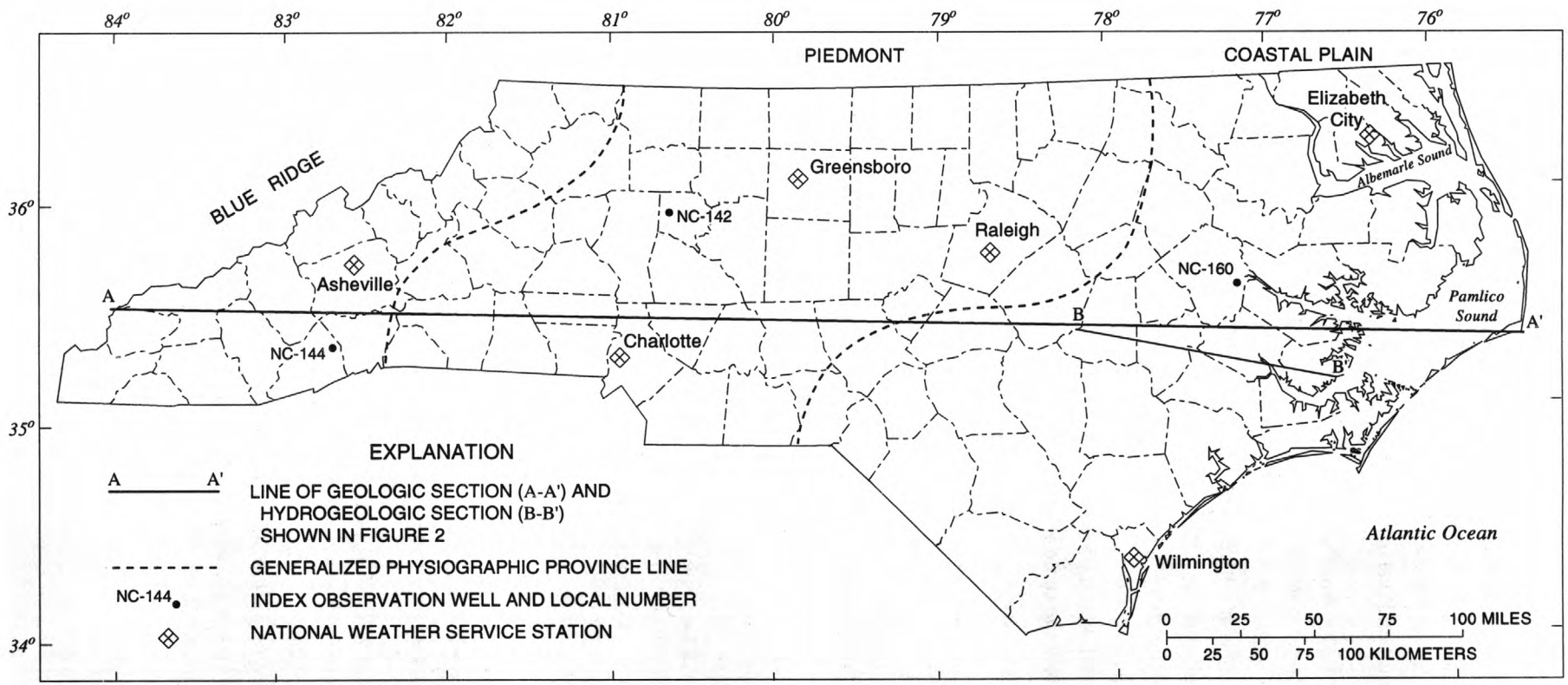

Figure 1.--Locations of weather stations and index wells in North Carolina.

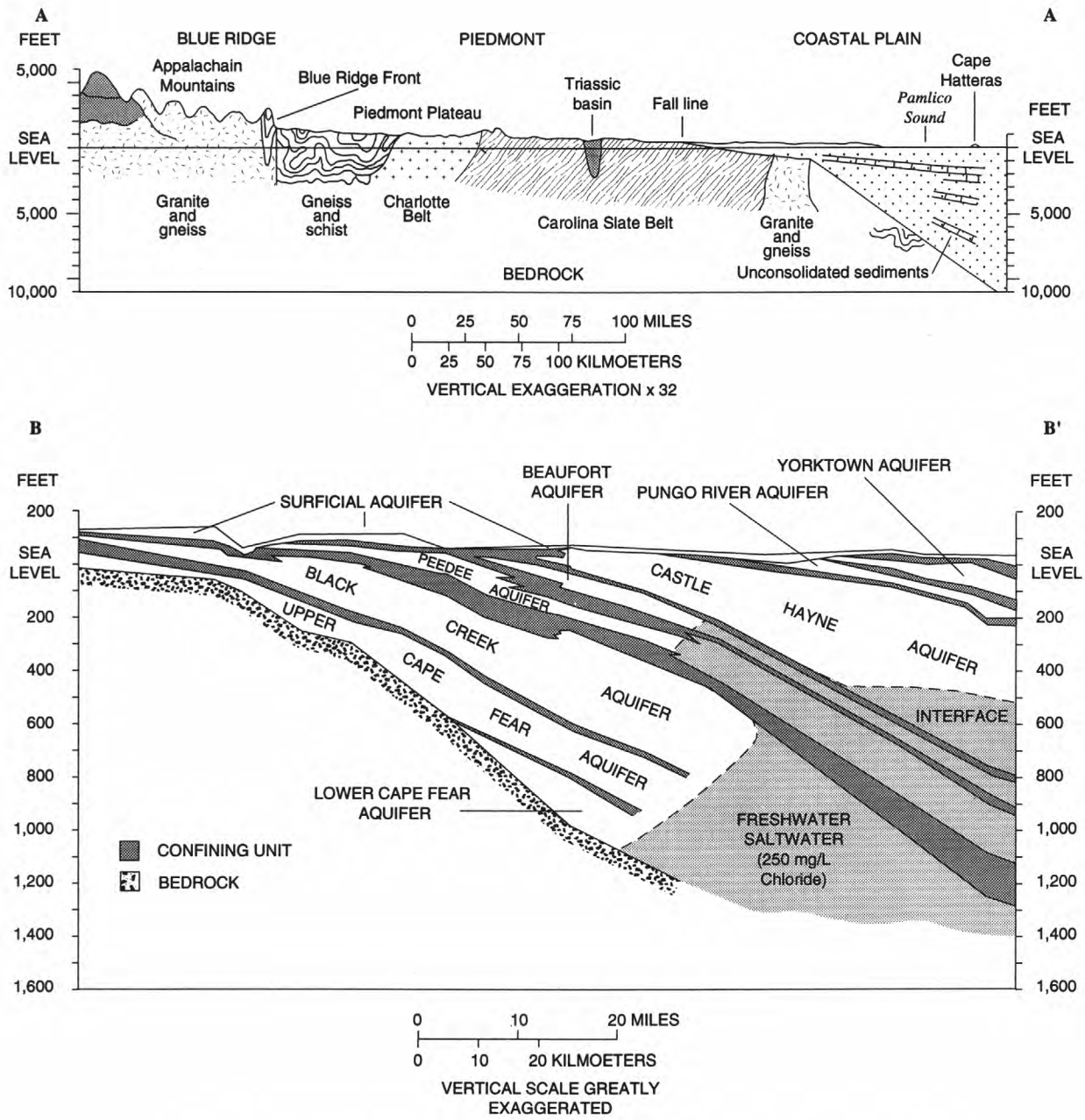

Figure 2.--Geologic section A -A' across North Carolina and hydrogeologic section B - B' in the Coastal Plain of North Carolina (as shown in figure1).

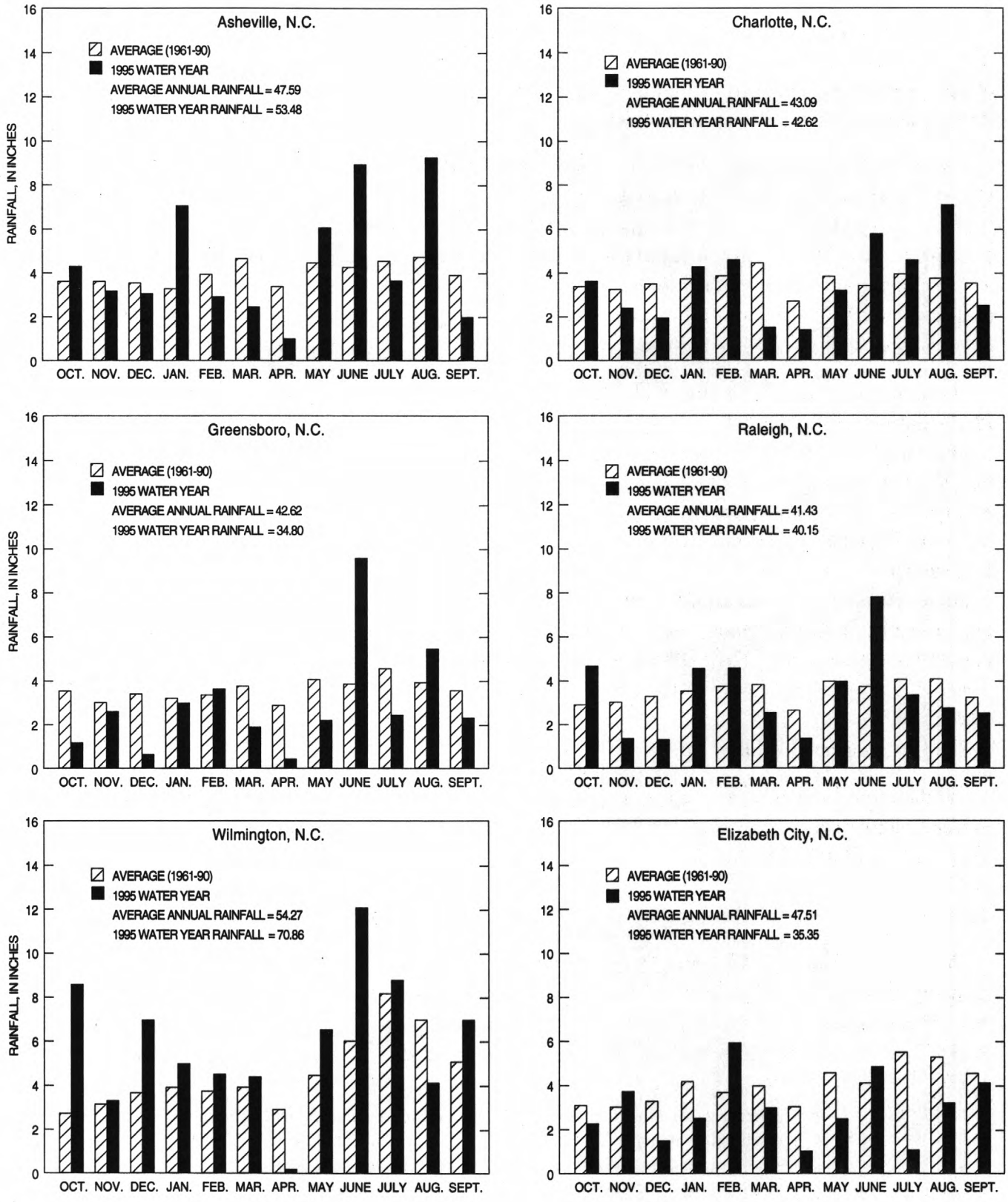

Figure 3.--Monthly rainfall at index stations for 1995 water year and average monthly rainfall for the period 1961-90 (data from National Oceanic and Atmospheric Administration reports).

The record of observation well NC-139, in Carteret County, shows the effects of seasonal pumping from the Castle Hayne aquifer in order to meet the increased demand for water in the coastal area during the summer months (fig. 5). The slight decline in the long-term record indicates that annual recharge to the aquifer is less than the amount of water withdrawn. An observation well completed in the Castle Hayne aquifer in New Hanover County, NC-20, shows a similar long-term, gradual water-level decline.

Water levels in the Castle Hayne aquifer are not declining everywhere throughout the eastern Coastal Plain Province. This is especially true in the subcrop areas of the aquifer that are not covered by extensive confining units (Strickland and others, 1992). An example is the natural water-level fluctuations previously noted in well NC-137 in Beaufort County. Water levels in Castle Hayne wells NC-52 in Onslow County and NC-181 in Brunswick County exhibit climatic-effects fluctuations. Although well NC-52 is near water-supply wells at the U.S. Marine Corps Camp Geiger, no effects of withdrawals from those wells are seen in the long-term record. Short-term and minor pumping effects are seen at well NC-181; however, long-term data show no downward trend since 1988.

Ground-water withdrawals of over 29 Mgal/d have resulted in water-level declines in the State's central Coastal Plain (Eimers and others, 1990). The aquifers most affected in this 3,600-mi^2 area, which extends generally from Pitt County on the north to Onslow County on the south, are the Peedee, Black Creek, upper Cape Fear, and lower Cape Fear aquifers. Examples of the long-term effects of these withdrawals can be seen in several wells shown in figures 5 and 6. Well NC-44 is near the city of New Bern well field, where water has been withdrawn from the Black Creek and upper Cape Fear aquifers since 1968 (fig. 5). Well NC-183 shows the effect of pumpage from the upper Cape Fear aquifer in northern Pitt County (fig. 6), where water level declines in excess of 3 feet per year have been recorded. Major withdrawals for public supply in Onslow County in the southern part of the central Coastal Plain are from the Peedee and Black Creek aquifers. Hydrographs for well NC-187 in Jones County (Peedee aquifer - fig. 6) north of major pumping areas and for well NC-189 in Onslow County (Black Creek aquifer - fig. 5), several miles to the south, show water-level declines resulting from those withdrawals. Declines in the Peedee aquifer at NC-187 were nearly 2 ft/yr, while declines in the Black Creek aquifer at NC-189 were more than 6 ft/yr. Other observation wells in Jones and Onslow Counties also show these effects.

Withdrawals from the upper Cape Fear aquifer for public and industrial use in the Elizabethtown area in central Bladen County have caused water-level declines of about 1.3 ft per year in well NC-177 (fig. 6), which is in eastern Robeson County. Major withdrawals for industrial use from the same aquifer began in northwestern Bladen County in September 1993; as a result, the rate of water-level decline in well NC-177 has increased to about 7 ft per year since that time.

Water-level decline in the lower Cape Fear aquifer shown for well NC-55 in Hertford County (fig. 6) results primarily from major withdrawals in Virginia which began in the 1940's; these withdrawals have resulted in a regional cone of depression in that aquifer which extends several tens of miles into North Carolina (Coble and others, 1989). Records from some wells in Bertie and Gates Counties also show these declines in the upper Cape Fear aquifer. These records indicate that pumping increased in 1993, when the rate of water-level decline increased from about 0.5 ft/yr to nearly 5 ft/yr.

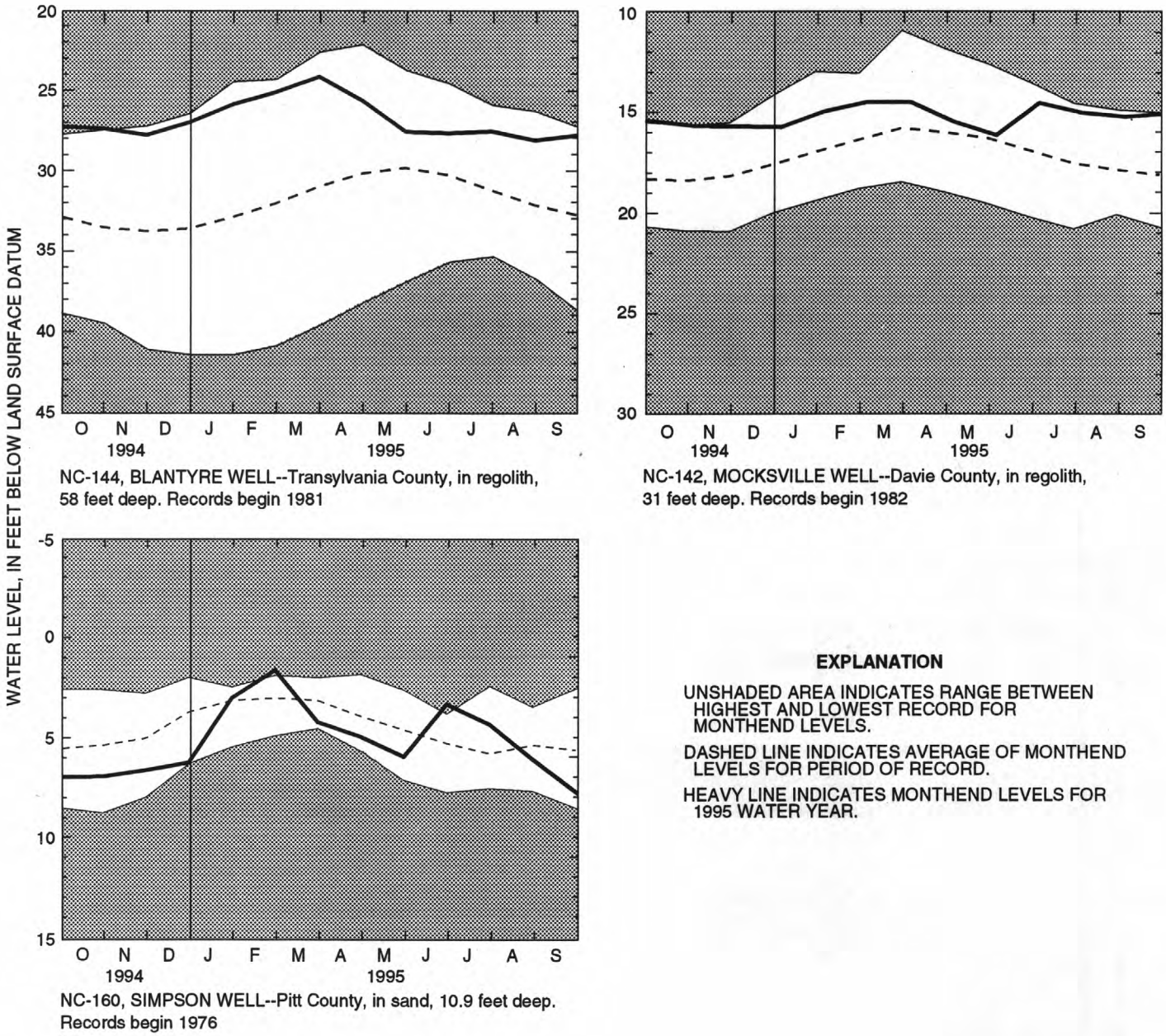

Figure 4.--Water levels in index observation wells in the Blue Ridge, Piedmont, and Coastal Plain Provinces.

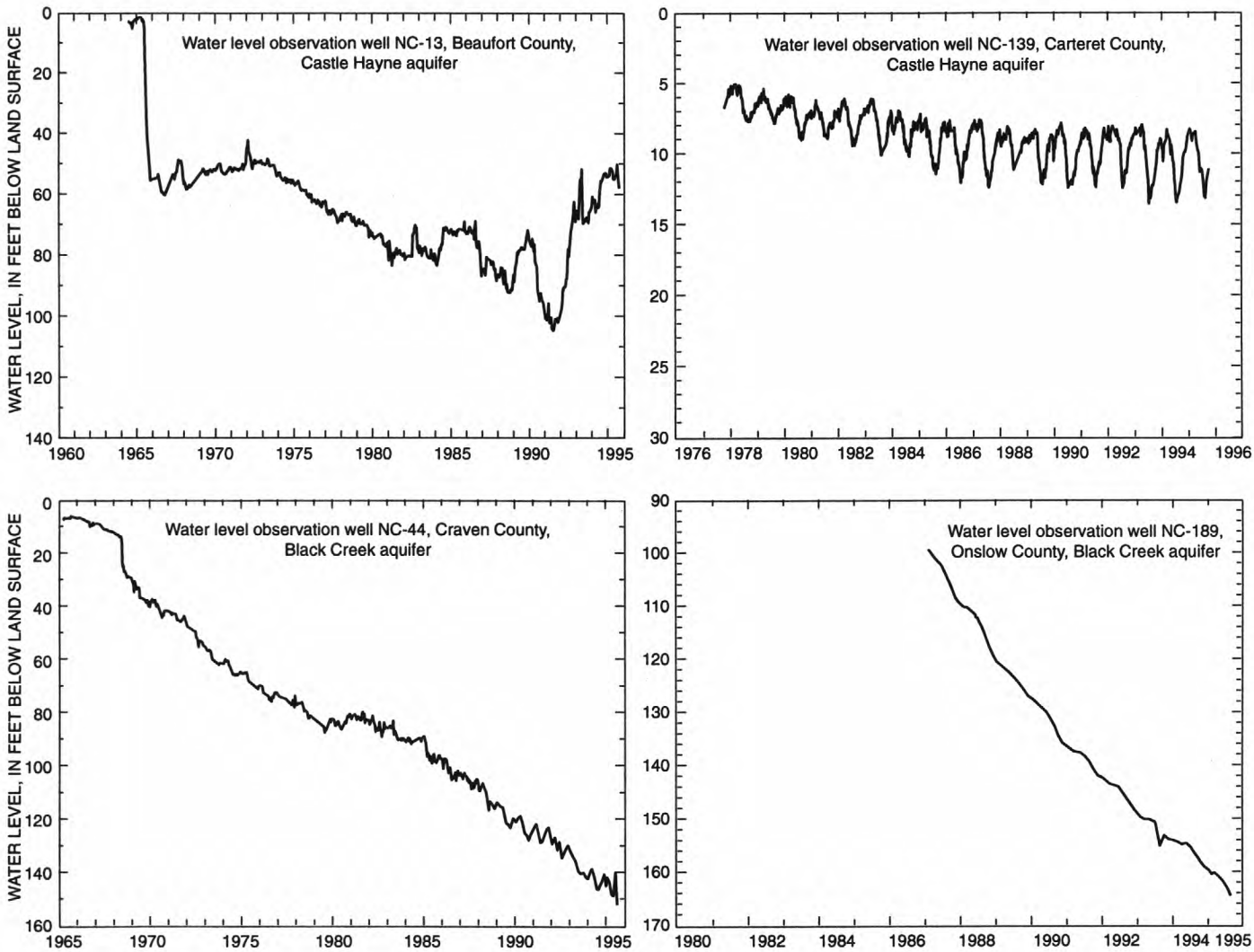

Figure 5.--Hydrographs of selected observation wells in the Castle Hayne, and Black Creek aquifers of the Coastal Plain Province.

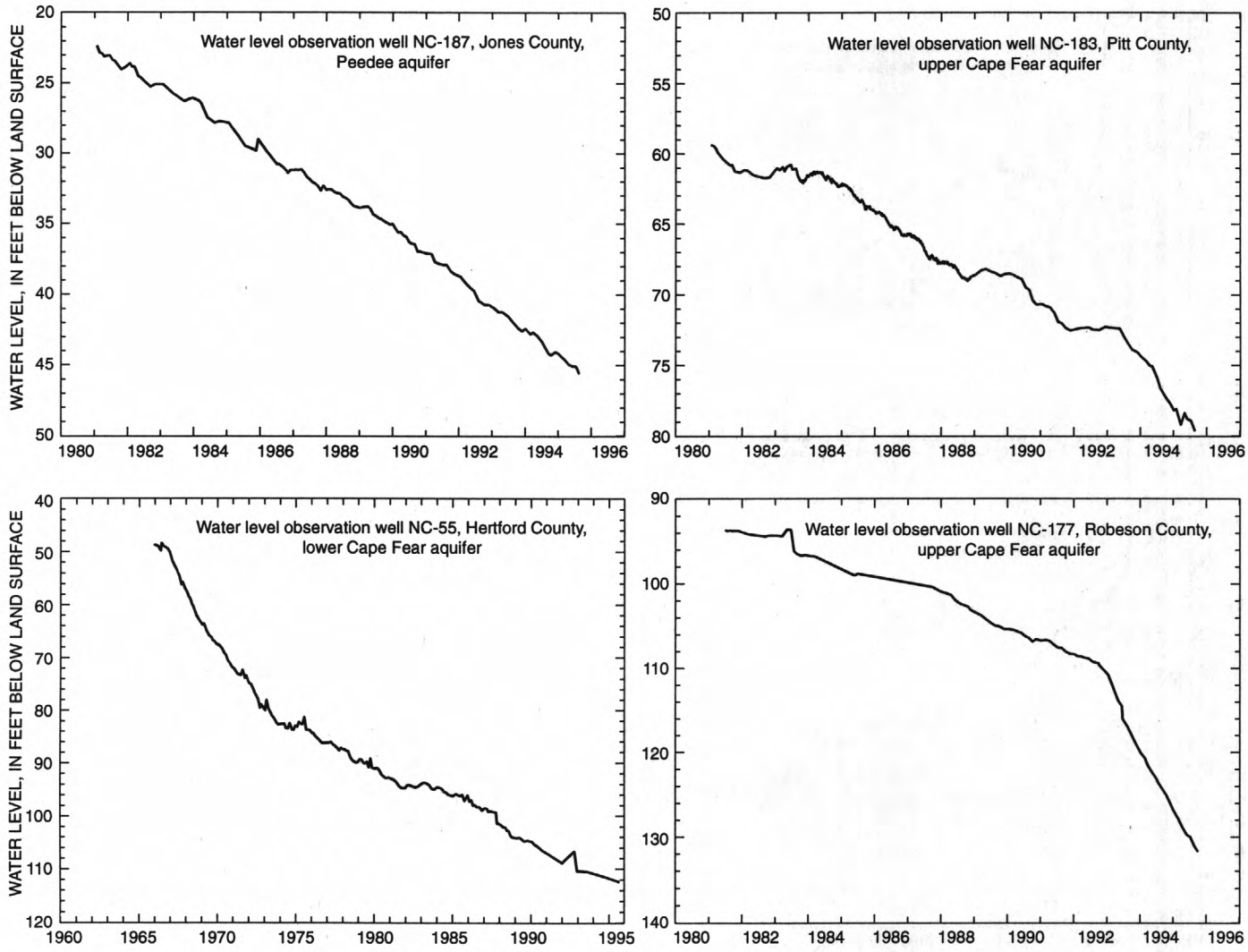

Figure 6.--Hydrographs of selected observation wells in the Peedee, upper Cape Fear, and lower Cape Fear aquifers of the Coastal Plain Province.

EXPLANATION OF RECORDS

Ground-Water-Level Data

The ground-water data published in this report are for the 1995 water year that began October 1, 1994, and ended September 30, 1995. A calendar of the water year is provided on the inside of the front cover. These data include water-level and water-quality data for ground water. The locations of the wells where the data were collected are shown in figures 7 and 8. The following sections provide a detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Site Identification Numbers

Each well in this report is assigned a unique identification number. This number usually is assigned when a well is first established and is retained for that well indefinitely; all data for that well in USGS data bases are under that site identification number.

The site identification numbers for wells are assigned according to the latitude and longitude location of the well. The number consists of 15 digits. The first six digits denote the degrees, minutes, and seconds of latitude, the next seven digits denote degrees, minutes, and seconds of longitude, and the last two digits (assigned sequentially) identify the wells within a 1-second grid. This site identification number, once assigned, has no locational significance. In the rare instance where the initial determination of latitude and longitude is found to be in error, the well will retain its initial identification number; however, its true latitude and longitude will be listed in the LOCATION paragraph of the well description.

Local well numbers in this report generally fall within two numbering systems. Wells that belong in the statewide North Carolina observation-well program are indicated by the prefix NC- followed by a sequential number, for example NC-160. Other wells such as those used in special projects, are indicated by a two-letter county prefix followed by a sequential number, such as Me-251 or Rb-185 for wells in Mecklenburg and Robeson Counties, respectively.

Data Collection and Computation

Measurements of water levels are made in many types of wells under varying conditions, but the methods of measurement are standardized to the extent possible. The equipment and measuring techniques used at each observation well ensure that measurements at each well are consistently accurate and reliable.

Water-level data are obtained from direct measurements with a steel tape, an electric tape, or from the punched tape of a water-level recorder. Water-level measurements in this report are given in feet with reference to either sea level or land-surface datum. Sea level is the plane on which the national network of precise levels is based; land-surface datum is a datum plane that is approximately at land surface at each well. If known, the altitude (referenced to sea level) of the land-surface datum is given in the well description. The height of the measuring point (MP) above or below land-surface datum is given in each well description. Reported water levels in wells equipped with water-level recorders represent the mean water level either for every day, or for every fifth day and the day at the end of each month (eom).

Water levels are reported to as many significant figures as can be justified by the local conditions. Accordingly, all measurements are reported to a hundredth of a foot.

Data Presentation

Water-level data are presented by counties arranged in alphabetical order. The prime identification number for a given well is the 15-digit site identification number that appears in the upper left corner of the table. The secondary identification number is the local well number. Well locations are shown in figures 7 and 8; each well is identified on these maps by its local well number.

Each well record consists of three parts--the well description, data table of water levels observed during the water year, and for most wells, a hydrograph following the data table. Well descriptions are presented in the headings preceding the tabular data. The following comments clarify information presented in these various headings.

Description

LOCATION.--This paragraph follows the well-identification number and reports the latitude and longitude (given in degrees, minutes, and seconds), the hydrologic-unit number, a geographic point of reference, and the owner's name.

AQUIFER.--This entry designates by name and geologic age the aquifer that the well taps. Names of aquifers in the Coastal Plain Province are those mentioned in the "Major Aquifers" section of this report. Aquifers in the Piedmont and Blue Ridge Provinces are identified by the type of the crystalline igneous or metamorphic rock that the well taps, or by the regolith derived from the underlying rock

WELL CHARACTERISTICS.--This entry describes the well in terms of depth, casing diameter and depth and (or) screened interval, method of construction, use, and other changes since construction.

INSTRUMENTATION.--This paragraph provides information on both the frequency of measurement and the collection method used, allowing the user to better evaluate the reported water-level extremes by knowing whether they are based on continuous, monthly, or some other frequency of measurement.

DATUM.--This entry describes both the measuring point and the land-surface elevation at the well. The altitude of the land-surface datum is described in feet above sea level; it is reported with a precision depending on the method of determination. The measuring point is described physically (such as top of casing, top of instrument shelf, and so on), and in relation to land surface (such as 1.3 ft above land-surface datum).

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It may describe when various methods of measurement were begun, and the network (climatic, terrane, local, or areal effects) or the special project to which the well belongs.

PERIOD OF RECORD.--This entry indicates the period for which there are published records for the well. It reports the month and year at the start of publication of water-level records by the U.S. Geological Survey and the words "to current year" if the records are to be continued into the following year. Periods for which water-level records are available, but are not published by the Geological Survey, may be noted.

EXTREMES FOR PERIOD OF RECORD.--This entry contains the highest and lowest water levels of the period of published record, with respect to land-surface datum or sea level, and the dates of occurrence.

Water-Level Tables

A table of water levels follows the well description for each well. Water-level measurements in this report are given in feet with reference to either sea level or land-surface datum (lsd). For some wells equipped with recorders, abbreviated tables are published with daily mean water-levels for only every fifth day and at the end of the month

(eom); generally, complete tables of daily values are published for climatic-effects wells, and abbreviated tables are published for terrane-, local- and areal-effects wells. The highest and lowest daily mean water levels of the water year and their dates of occurrence are shown on a line below the abbreviated table. Because all daily values are not published for some wells with recorders, the extreme daily values may not be listed in the table. Missing records are indicated by dashes in place of the water-level value.

For wells not equipped with recorders, water-level measurements were obtained periodically by steel or electric tape. Tables of periodic water-level measurements in these wells show the date of measurement and the measured water-level value.

Hydrographs

The hydrographs are a graphic display of water-level fluctuations over a period of time. In this report, current year, 10-year, and for some wells, period of record hydrographs are shown. Those hydrographs which display periodic water-level measurements are indicated by points which are connected with a dashed line from one measurement to the next. Hydrographs which display recorder data are indicated by a solid line representing the mean water level recorded for each day. Missing data are indicated by a blank space or break in a hydrograph. Missing data may occur as a result of recorder malfunctions, battery or clock failures, or mechanical problems related to the response of the recorder's float mechanism to water-level fluctuations in a well.

Ground-Water-Quality Data

Records of ground-water quality data in this report differ from other types of records in that, for most sampling sites, they consist of only one set of measurements for the water year.

Data Collection and Computation

The ground-water quality data in this report were obtained as a part of special studies in specific areas. Consequently, a number of chemical analyses are presented for some counties but not for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality statewide.

Most methods for collecting and analyzing water samples are described in "U.S. Geological Survey Techniques of Water-Resources Investigations" manuals. Procedures for on-site measurements and for collecting, treating, and shipping samples are given in Techniques of Water-Resources Investigations (TWRI), Book 1, Chap. D2; Book 3, Chap. C2; Book 5, Chaps. A1, A3, and A4. These references are listed on pages 21-24 of this report. Also, detailed information on collecting, treating, and shipping samples can be obtained from the U.S. Geological Survey North Carolina District office in Raleigh.

Chemical-quality data published in this report are considered to be the most representative values available for the wells listed. The values reported represent as much as possible water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis.

Analysis for sulfide and measurement of alkalinity, pH, water temperature, specific conductance and dissolved oxygen are performed on site. All other sample analyses are performed at the U.S. Geological Survey laboratory in Arvada, Colorado, unless otherwise noted. Methods used by the U.S. Geological Survey laboratory are given in TWRI, Book 1, Chap. D2; Book 3, Chap. C2; and Book 5, Chap. A1, A3, and A4.

Remarks Codes

The following remarks codes may appear with the water-quality data in this report:

PRINTED OUTPUT	REMARK
E	Estimated value
>	Actual value is known to be greater than the value shown
<	Actual value is known to be less than the value shown
K	Results based on colony count outside the acceptance range (nonideal colony count)
L	Biological organism count less than 0.5 percent (organism may be observed rather than counted)
D	Biological organism count equal to or greater than 15 percent (dominant)
&	Biological organism estimated as dominant

Dissolved Trace-Element Concentrations

NOTE: Traditionally, dissolved trace-element concentrations have been reported at the microgram per liter level. Recent evidence, mostly from large rivers, indicates that actual dissolved-phase concentrations for a number of trace elements are within the range of 10's to 100's of nanograms per liter. Present data above the microgram per liter level should be viewed with caution. Such data may actually represent elevated environmental concentrations from natural or human causes. However, these data could reflect contamination introduced during sampling, processing, or analysis. To confidently produce dissolved trace-element data with insignificant contamination, the U.S. Geological Survey began using new trace-element protocols in water year 1994.

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ACCESS TO WATSTORE DATA

The National Water Data Storage and Retrieval System (WATSTORE) was established in 1972 to provide an effective and efficient means of processing and maintaining water data collected through the activities of the U.S. Geological Survey. A variety of useful products ranging from data tables to complex statistical analyses can be produced using WATSTORE. The system resides on the central computer facilities of the USGS at the National Center in Reston, Virginia, and consists of related files and databases.

- Station-Header File - Contains descriptive information from over 440,000 sites throughout the United States and it's territories where the USGS collects or has collected data.
- Ground-Water Site-Inventory Data Base - Contains inventory data for over 900,000 wells, springs, and other sources of ground water. The data include site location, hydrogeologic characteristics, well-construction history, and one-time field measurements such as water temperature.
- Water-Quality File - Contains approximately 2 million analyses of water samples that describe the chemical, physical, biological, and radiochemical characteristics of surface and ground water.

In 1976, the USGS opened WATSTORE to the public for direct access. The signing of a Memorandum of Agreement with the USGS is required to obtain direct access to WATSTORE. The system can be accessed either synchronously or asynchronously. The requestor will be expected to pay all computer costs incurred. Direct access can be arranged by contacting:

U.S. Geological Survey
National Water Data Exchange
National Center, Mail Stop 421
Reston, VA 22092

In addition to providing direct access to WATSTORE, National Water Data Exchange (NAWDEX) services include data-search assistance, data dissemination, and data referrals. Data can be provided in various machine-readable formats on magnetic tape or 5 1/4-in. floppy diskette. Requests for water data should be directed to the local USGS District office:

District Chief
U.S. Geological Survey
P.O. Box 30728
Raleigh, NC 27622

Water-data requests that cannot be filled by the District office will be referred to the National Water Data Exchange (NAWDEX) office in Reston, Virginia.

DEFINITION OF TERMS

Alluvium is a general term for clay, silt, sand, gravel or similar unconsolidated material deposited during recent geologic time by a stream or other body of running water.

Aquifer is a geologic formation, group of formations, or part of a formation that contains sufficient saturated permeable material to yield significant quantities of water to wells and springs.

Confined aquifer is one which is completely filled with water and is overlain by a confining unit. Water in confined aquifers occurs at pressures greater than atmospheric pressure.

Unconfined aquifer is one which is only partially filled with water and the upper surface of the saturated zone (the water table) is free to rise and fall.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials; such as, by decomposing organic matter into a form available for reuse by plants.

Total coliform bacteria are a particular group of bacteria that are used as indicators of possible sewage pollution. They are characterized as aerobic or facultative anaerobic, gram-negative, nonspore-forming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35 °C. In the laboratory these bacteria are defined as the organisms which produce colonies within 24 hours when incubated at 35 °C plus or minus 0.5 °C on M-Endo medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal coliform bacteria are bacteria that are present in the intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory, they are defined as all organisms which produce blue colonies within 24 hours when incubated at 44.5 °C plus or minus 0.2 °C on M-FC medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Fecal streptococcal bacteria are bacteria found also in intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive, cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory, they are defined as all the organisms which produce red or pink colonies within 48 hours at 35 °C plus or minus 0.5 °C on KF streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Biochemical oxygen demand (BOD) is a measure of the quantity of dissolved oxygen, in milligrams per liter, necessary for the decomposition of organic matter by micro-organisms, such as bacteria.

Chemical oxygen demand (COD) is a measure of the chemically oxidizable material in the water and furnishes an approximation of the amount of organic and reducing material present. The determined value may correlate with natural water color or with carbonaceous organic pollution from sewage or industrial wastes.

Color unit is produced by 1 milligram per liter of platinum in the form of the chloroplatinate ion. Color is expressed in units of the platinum-cobalt scale.

Confining bed is a layer of rock having very low hydraulic conductivity that hampers the movement of water into and out of the aquifers which lie above and below the confining bed.

DEFINITION OF TERMS--Continued

Dissolved is that material in a representative water sample which passes through a 0.45–µm membrane filter. This is a convenient operational definition used by Federal agencies that collect water data. Determinations of "dissolved" constituents are made on subsamples of the filtrate.

Hardness of water is a physical-chemical characteristic that is commonly recognized by the increased quantity of soap required to produce lather. It is computed as the sum of equivalents of polyvalent cations and is expressed as the equivalent concentration of calcium carbonate ($CaCO_3$).

Hydrologic unit is a geographic area representing part or all of a surface drainage basin or distinct hydrologic feature as delineated by the Office of Water-Data Coordination on State Hydrologic Unit Maps; each hydrologic unit is identified by an 8-digit number.

Land-surface datum (lsd) is a datum plane that approximates land-surface altitude at each ground-water observation well.

Measuring point (MP) is an arbitrary permanent reference point from which the distance to the water surface in a well is measured to obtain the water level.

Methylene blue active substance (MBAS) is a measure of apparent detergents. This determination depends on the formation of a blue color when methylene blue dye reacts with synthetic detergent compounds.

Micrograms per liter (UG/L, µg/L) is a unit expressing the concentration of chemical constituents in solution as the weight (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter.

Milligrams per liter (MG/L, mg/L) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represent the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in milligrams per liter and is based on the mass of dry sediment per liter of water-sediment mixture.

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum derived from a general adjustment of the first order level nets of both the United States and Canada. It was formerly called "Sea Level Datum of 1929" or "mean sea level" in this series of reports. Although the datum was derived from the average sea level over a period of many years at 26 tide stations along the Atlantic, Gulf of Mexico, and Pacific Coasts, it does not necessarily represent local mean sea level at any particular place. This term is no longer used in this series of reports.

Parameter Code is a 5-digit number used in the U.S. Geological Survey computerized data system, WATSTORE, to uniquely identify a specific constituent. The codes used in WATSTORE are the same as those used in the U.S. Environmental Protection Agency data system, STORET. The U.S. Environmental Protection Agency assigns and approves all requests for new codes.

Picocurie (PC, pCi) is one trillionth (1×10^{-12}) of the amount of radioactivity represented by a curie (Ci). A curie is the amount of radioactivity that yields 3.7×10^{10} radioactive disintegrations per second. A picocurie yields 2.22 dpm (disintegrations per minute).

Plankton is the community of suspended, floating, or weakly swimming organisms that live in the open water of lakes and rivers.

DEFINITION OF TERMS--Continued

Regolith is a general term for the layer of loose unconsolidated material, either residual or transported, that forms the surface of the land and overlies more coherent bedrock. Collectively, this unconsolidated material is composed of saprolite, alluvium, and soil.

Saprolite is the clay-rich residual material derived from in-place weathering of bedrock.

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

Solute is any substance derived from the atmosphere, vegetation, soil, or rocks that is dissolved in water.

Specific conductance is a measure of the ability of water to conduct an electrical current. It is expressed in microsiemens per centimeter at 25 °C. Specific conductance is related to the type and concentration of ions in solution and can be used for approximating the dissolved-solids content of water. Commonly, the concentration of dissolved solids (in milligrams per liter) is about 65 percent of the specific conductance (in microsiemens). This relation is not constant from aquifer to aquifer, and it can vary in the same aquifer with changes in the composition of the water.

Total is the total amount of a given constituent in a representative water-suspended sediment sample, regardless of the constituent's physical or chemical form. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent present in both the dissolved and suspended phases of the sample. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to judge when the results should be reported as "total." (Note that the word "total" in this context has double meaning here, indicate both that the sample consists of a water-suspended sediment mixture and that the analytical method determines all of the constituent in the sample.)

> Total, recoverable is the amount of a given constituent that is in solution after a representative water-suspended sediment sample has been digested by a method (usually using a dilute acid solution) that results in dissolution of only readily soluble substances. Complete dissolution of all particulate matter is not achieved by the digestion treatment; thus, the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the dissolved and suspended phases of the sample. To achieve comparability of analytical data, equivalent digestion procedures would be required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Water table is the level in the saturated zone of an unconfined aquifer at which the pressure is equal to atmospheric pressure, usually considered to be the top of the saturated zone.

Water year in the U.S. Geological Survey reports is the 12-month period from October 1 through September 30. The water year is designated by the calendar year in which it ends and which includes 9 of the 12 months. Thus, the year ending September 30, 1994, is called the "1994 water year."

WRD is used as an abbreviation for "Water-Resources Data" in the REVISED RECORDS paragraph to refer to State annual basic-data reports published before 1975.

WSP is used as an abbreviation for "Water-Supply Paper" in reference to a series of previously published reports.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

The U.S. Geological Survey publishes a series of manuals describing procedures for planning and conducting specialized work in water-resources investigations. The material is grouped under major subject headings called books and is further divided into sections and chapters. For example, Section A of Book 3 (Applications of Hydraulics) pertains to surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises.

The reports listed below are for sale by the U.S. Geological Survey, Branch of Information Services, Box 25286, Federal Center, Denver, Colorado 80225 (authorized agent of the Superintendent of Documents, Government Printing Office). Prepayment is required. Remittance should be sent by check or money order payable to the U.S. Geological Survey. Prices are not included because they are subject to change. Current prices can be obtained by writing to the above address. When ordering or inquiring about prices for any of these publications, please give the title, book number, chapter number, and "U.S. Geological Survey Techniques of Water-Resources Investigations."

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1-D2. *Guidelines for collection and field analysis of ground-water samples for selected unstable constituents*, by W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages.

2-D1. *Application of surface geophysics to ground-water investigations,* by A. A. R. Zohdy, G. P. Eaton, and D. R. Mabey: USGS--TWRI Book 2, Chapter D1. 1974. 116 pages.

2-D2. *Application of seismic-refraction techniques to hydrologic studies,* by F. P. Haeni: USGS--TWRI Book 2, Chapter D2. 1988. 86 pages.

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3-A1. *General field and office procedures for indirect discharge measurements,* by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages.

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3-A3. *Measurement of peak discharge at culverts by indirect methods,* by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages.

3-A4. *Measurement of peak discharge at width contractions by indirect methods,* by H. F. Matthai: USGS-TWRI Book 3, Chapter A4. 1967. 44 pages.

3-A5. *Measurement of peak discharge at dams by indirect methods,* by Harry Hulsing: USGS--TWRI Book 3. Chapter A5. 1967. 29 pages.

3-A6. *General procedure for gaging streams,* by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages.

3-A7. *Stage measurement at gaging stations,* by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages.

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3-A9. *Measurement of time of travel in streams by dye tracing,* by F. A. Kilpatrick and J. F. Wilson, Jr.: USGS--TWRI Book 3, Chapter A9. 1989. 27 pages.

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3-A12. *Fluorometric procedures for dye tracing,* Revised, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS- -TWRI Book 3, Chapter A12. 1986. 34 pages.

3-A13. *Computation of continuous records of streamflow,* by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

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3-A15. *Computation of water-surface profiles in open channels,* by Jacob Davidian: USGS--TWRI Book 3, Chapter A15. 1984. 48 pages.

3-A16. *Measurement of discharge using tracers,* by F. A. Kilpatrick and E. D. Cobb: USGS--TWRI Book 3, Chapter A16. 1985. 52 pages.

3-A17. *Acoustic velocity meter systems,* by Antonius Laenen: USGS--TWRI Book 3, Chapter A17. 1985. 38 pages.

3-A18. *Determination of stream reaeration coefficients by use of tracers,* by F. A. Kilpatrick, R. E. Rathbun, Nobuhiro Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.

3-A19. *Levels at streamflow gaging stations,* by E.J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 31 pages.

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3-B1. *Aquifer-test design, observation, and data analysis,* by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages.

3-B2. *Introduction to ground-water hydraulics, a programed text for self-instruction,* by G. D. Bennett: USGS-- TWRI Book 3, Chapter B2. 1976. 172 pages.

3-B3. *Type curves for selected problems of flow to wells in confined aquifers,* by J. E. Reed: USGS--TWRI Book 3, Chapter B3. 1980. 106 pages.

3-B4. *Regression modeling of ground-water flow,* by R. L. Cooley and R. L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.

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3-B5. *Definition of boundary and initial conditions in the analysis of saturated ground-water flow systems--An introduction,* by O. L. Franke, T. E. Reilly, and G. D. Bennett: USGS--TWRI Book 3, Chapter B5. 1987. 15 pages.

3-B6. *The principle of superposition and its application in ground-water hydraulics,* by T. E. Reilly, O. L. Franke, and G. D. Bennett: USGS--TWRI Book 3, Chapter B6. 1987. 28 pages.

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4-D1. *Computation of rate and volume of stream depletion by wells,* by C. T. Jenkins: USGS--TWRI Book 4, Chapter D1. 1970. 17 pages.

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PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

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5-A4. *Methods for collection and analysis of aquatic biological and microbiological samples,* by L. J. Britton and P. E. Greeson, editors: USGS--TWRI Book 5, Chapter A4. 1989. 363 pages.

5-A5. *Methods for determination of radioactive substances in water and fluvial sediments,* by L.L. Thatcher, V. J. Janzer, and K. W. Edwards: USGS--TWRI Book 5, Chapter A5. 1977. 95 pages.

5-A6. *Quality assurance practices for the chemical and biological analyses of water and fluvial sediments,* by L. C. Friedman and D. E. Erdmann: USGS--TWRI Book 5, Chapter A6. 1982. 181 pages.

5-C1. *Laboratory theory and methods for sediment analysis*, by H. P. Guy: USGS--TWRI Book 5, Chapter C1. 1969. 58 pages.

6-A1. *A modular three-dimensional finite-difference ground-water flow model*, by M. G. McDonald and A. W. Harbaugh: USGS--TWRI Book 6, Chapter A1. 1988. 586 pages.

6-A2. *Documentation of a computer program to simulate aquifer-system compaction using the modular finite-difference ground-water flow model,* by S. A. Leake and D. E. Prudic: USGS--TWRI Book 6, Chapter A2. 1991. 68 pages.

6-A3. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 1: Model Description and User's Manual,* by L. J. Torak: USGS--TWRI Book 6, Chapter A3. 1993. 136 pages

6-A4. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 2: Derivation of finite-element equations and comparisons with analytical solutions,* by R. L. Cooley: USGS--TWRI Book 6, Chapter A4. 1992. 108 pages.

6-A5. *A modular finite-element model (MODFE) for areal and axisymmetric ground-water-flow problems, Part 3: Design philosophy and programming details,* by L. J. Torak: USGS--TWRI Book 6, Chapter A5, 1993. 243 pages.

7-C1. *Finite difference model for aquifer simulation in two dimensions with results of numerical experiments,* by P. C. Trescott, G. F. Pinder, and S. P. Larson: USGS--TWRI Book 7, Chapter C1. 1976. 116 pages.

7-C2. *Computer model of two-dimensional solute transport and dispersion in ground water,* by L. F. Konikow and J. D. Bredehoeft: USGS--TWRI Book 7, Chapter C2. 1978. 90 pages.

7-C3. *A model for simulation of flow in singular and interconnected channels,* by R. W. Schaffranek, R. A. Baltzer, and D. E. Goldberg: USGS--TWRI Book 7, Chapter C3. 1981. 110 pages.

8-A1. *Methods of measuring water levels in deep wells,* by M. S. Garber and F. C. Koopman: USGS--TWRI Book 8, Chapter A1. 1968. 23 pages.

8-A2. *Installation and service manual for U.S. Geological Survey manometers*, by J. D. Craig: USGS--TWRI Book 8, Chapter A2. 1983. 57 pages.

8-B2. *Calibration and maintenance of vertical-axis type current meters,* by G. F. Smoot and C. E. Novak: USGS--TWRI Book 8, Chapter B2. 1968. 15 pages.

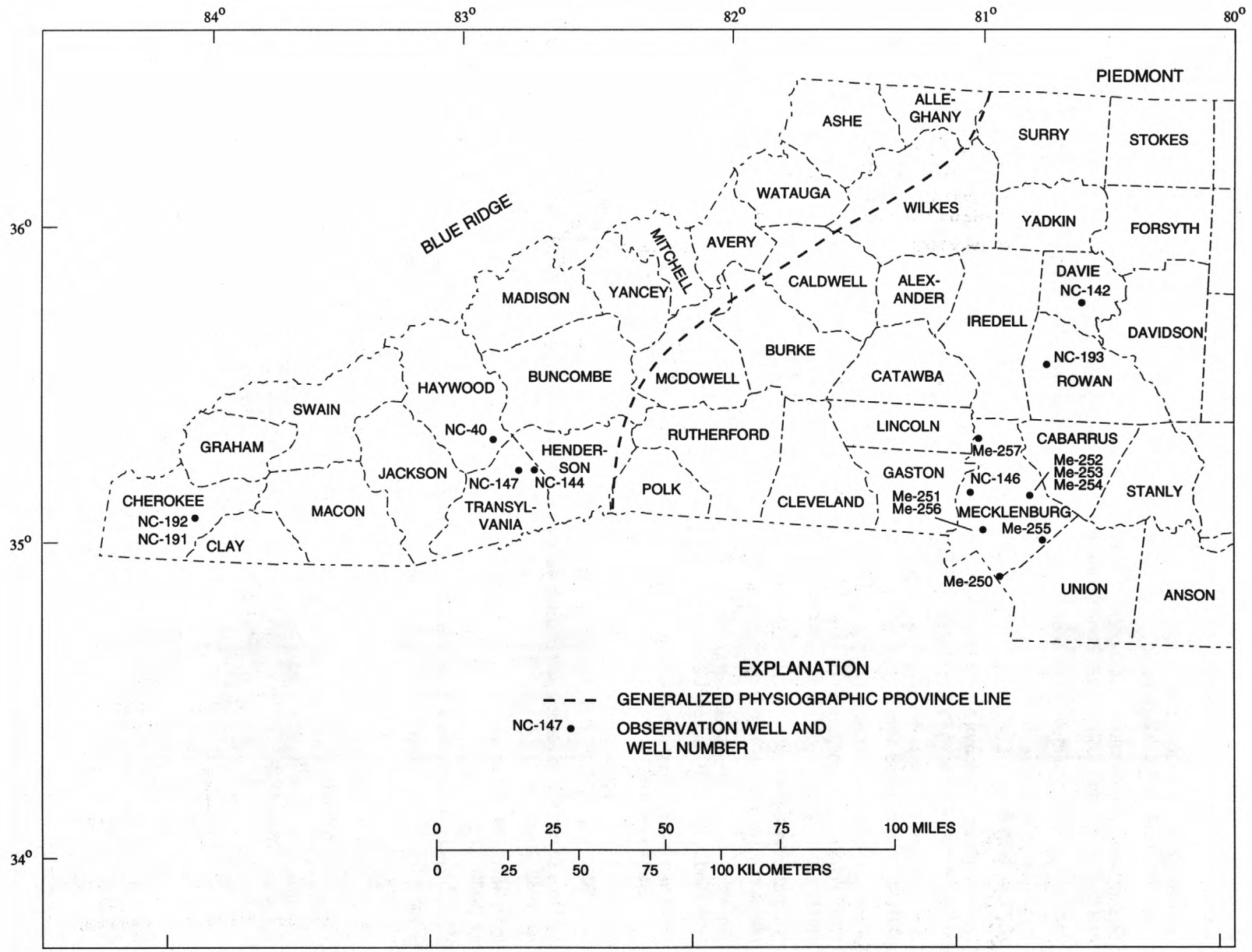


Figure 7.--Locations of observation wells in western North Carolina.

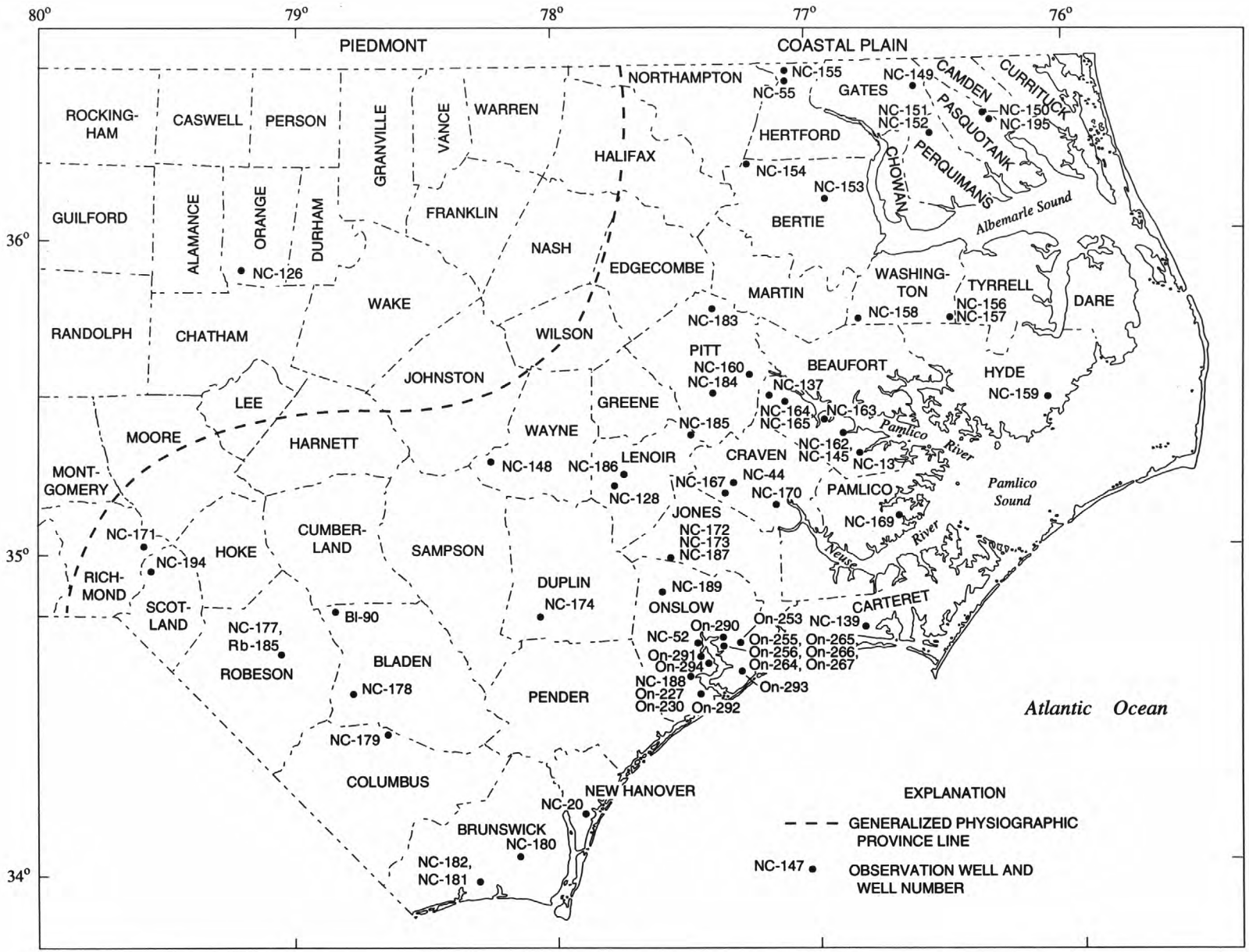


Figure 8.--Locations of observation wells in eastern North Carolina.

BEAUFORT COUNTY

351932076480001. Local number, NC-13.

LOCATION.--Lat 35°19'32", long 76°48'00", Hydrologic Unit 03020104, 1.5 mi north of Aurora, east of intersection of State Highway 306 and Secondary Road 1942. Owner: Texasgulf Chemicals Company.

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 168 ft, diameter 4 in., cased to 156 ft, open hole to 168 ft; measured depth 165.5 ft, September 1981.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval. Measured periodically with steel tape October 1992 to September 1993.

DATUM.--Land-surface datum is 10 ft above sea level (from topographic map). Measuring point: Bottom of angle iron bar, 2.33 ft above land-surface datum; revised from 0.36 ft below land-surface datum, Aug. 25, 1993.

REMARKS.--Since 1965 water levels affected by nearby pumping associated with mining operations. Well is part of local-effects network.

PERIOD OF RECORD.--June 1964 to current year.

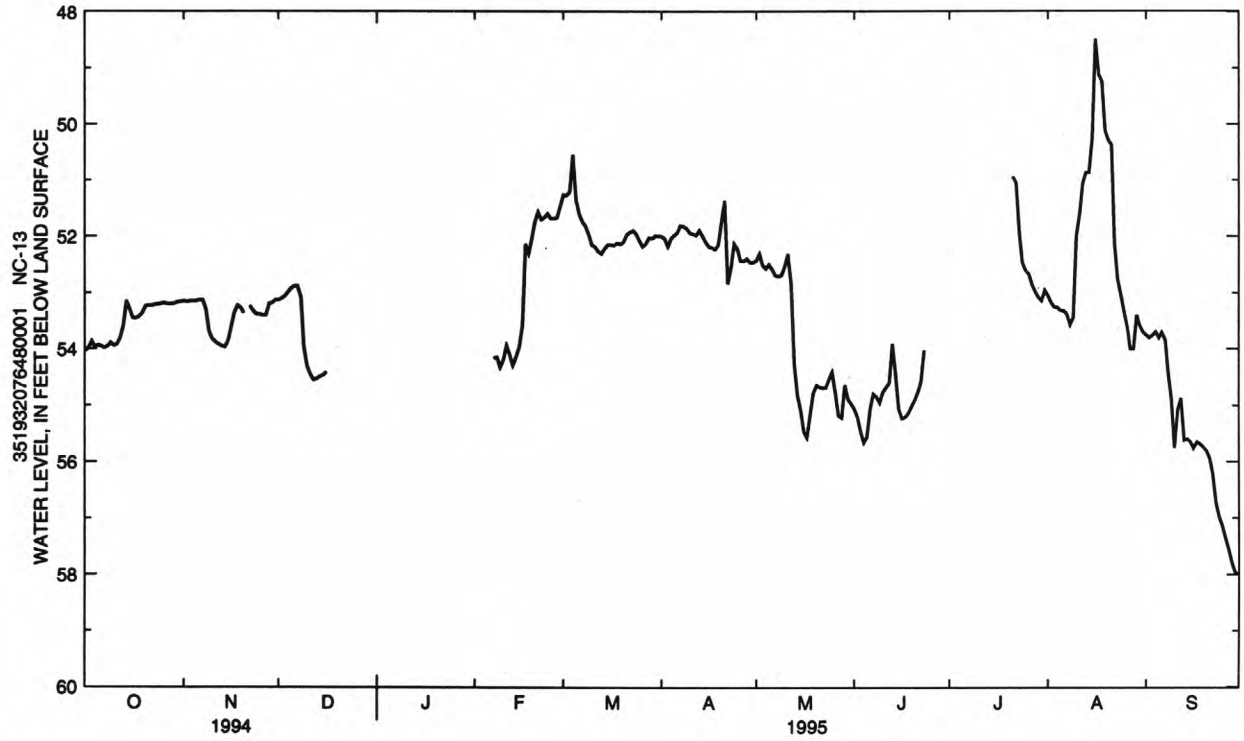
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.38 ft below land-surface datum, Apr. 9, 1965; lowest water level recorded, 107.25 ft below land-surface datum, July 11, 1991.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	53.93	53.15	52.92	---	---	51.36	51.98	52.50	55.56	---	53.31	53.80
10	53.94	53.81	54.30	---	54.19	52.15	51.94	52.52	54.76	---	52.01	55.75
15	53.30	53.86	54.47	---	53.97	52.15	52.10	55.07	55.06	---	50.24	55.65
20	53.24	53.36	---	---	51.74	52.10	51.74	54.64	54.91	---	50.28	55.80
25	53.19	53.38	---	---	51.68	52.08	52.22	54.41	---	52.61	53.34	57.14
EOM	53.16	53.13	---	---	51.46	52.00	52.46	54.97	---	52.96	53.70	57.99

WTR YR 1995 MEAN 53.34 HIGH 48.49 AUG 16 LOW 57.99 SEP 30


351932076480001 NC-13
WATER LEVEL, IN FEET BELOW LAND SURFACE
48
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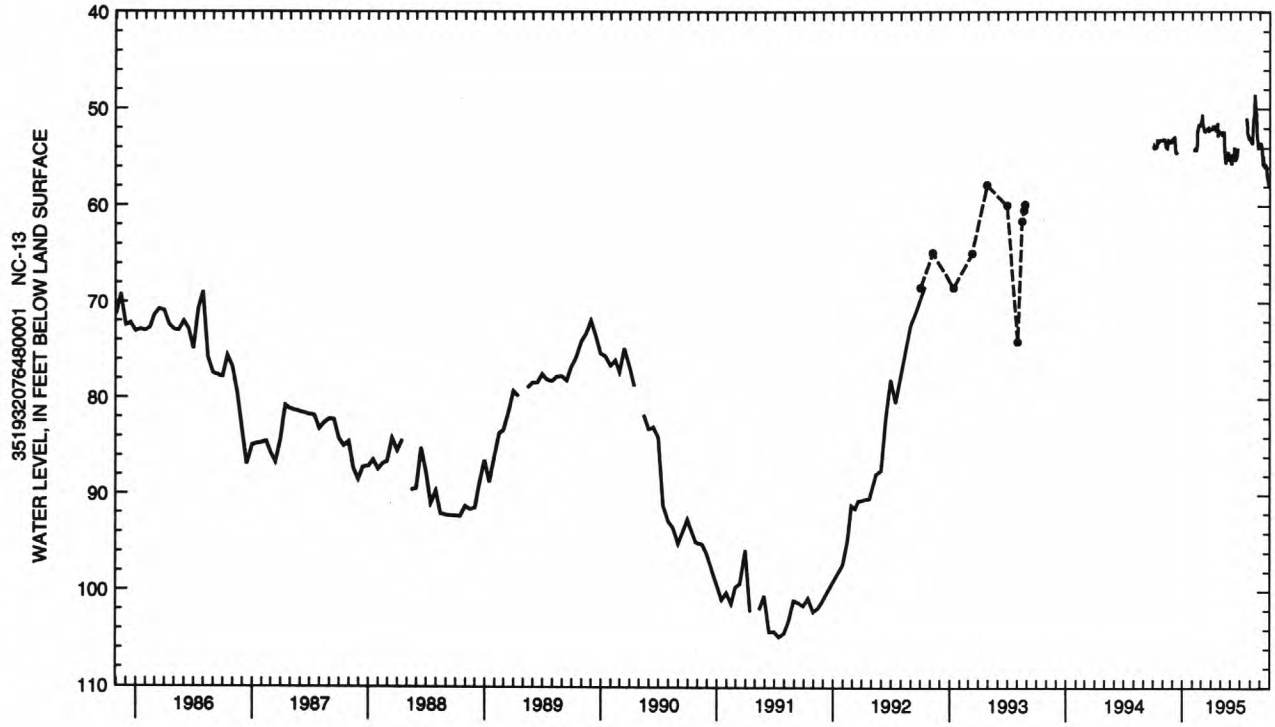
1994
1995


351932076480001 NC-13
WATER LEVEL, IN FEET BELOW LAND SURFACE
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BEAUFORT COUNTY--Continued

352615077083401. Local number, NC-137; DEHNR Creeping Swamp Research Station well O21q1.

LOCATION.--Lat 35°26'15", long 77°08'38", Hydrologic Unit 03020202, 1 mi west of U.S. Highway 17 on State Highway 102, and 3 mi north of Wilmar. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 143 ft, diameter 4 in., cased to 72 ft, open hole to 143 ft; measured depth 141.6 ft, September 1981.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 56.84 ft above sea level (levels by DEHNR). Measuring point: Top of collar on casing, 0.80 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--January 1972 to current year.

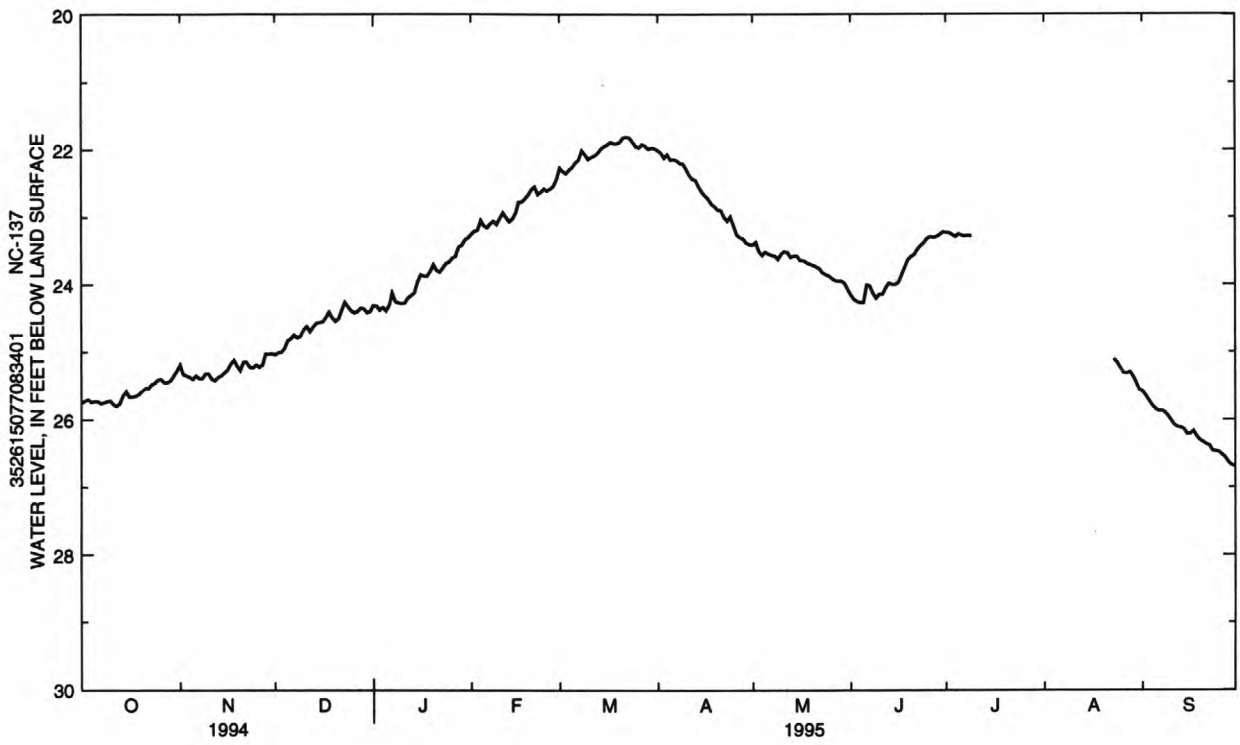
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.90 ft below land-surface datum, Feb. 3, 1972; lowest water level recorded, 26.99 ft below land-surface datum, July 13, 1994.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.73	25.40	24.83	24.39	23.12	22.26	22.15	23.51	24.27	23.25	---	25.84
10	25.72	25.32	24.67	24.28	23.01	22.14	22.29	23.54	24.14	---	---	26.01
15	25.58	25.30	24.56	23.96	22.94	21.95	22.63	23.57	24.00	---	---	26.21
20	25.57	25.27	24.54	23.70	22.59	21.89	22.89	23.71	23.58	---	---	26.33
25	25.41	25.19	24.39	23.66	22.61	21.95	23.13	23.87	23.32	---	25.24	26.48
EOM	25.27	25.02	24.40	23.30	22.43	21.98	23.40	24.07	23.22	---	25.56	26.69

WTR YR 1995 MEAN 24.08 HIGH 21.81 MAR 22 LOW 26.69 SEP 30


NC-137
352615077083401
WATER LEVEL, IN FEET BELOW LAND SURFACE
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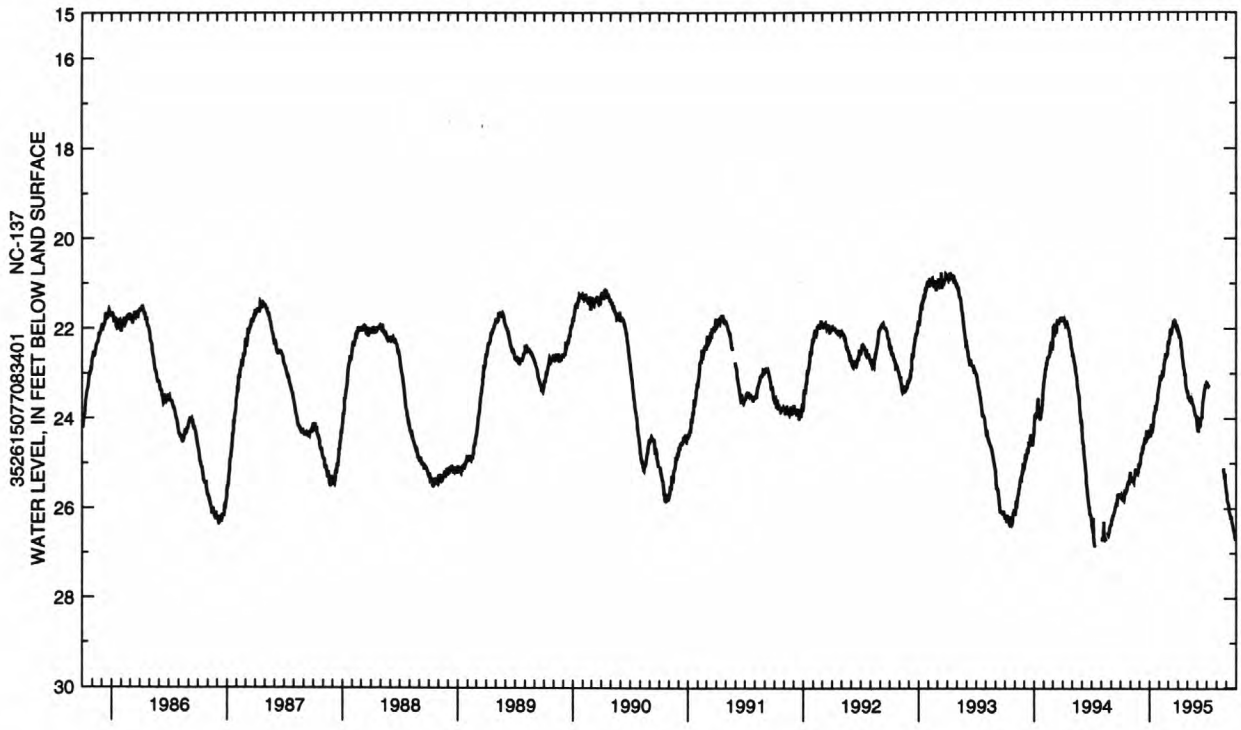
NC-137
352615077083401
WATER LEVEL, IN FEET BELOW LAND SURFACE
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BEAUFORT COUNTY--Continued

352037076514101. Local number, NC-145; DEHNR Bonnerton Research Station well P18v5.

LOCATION.--Lat 35°20'37", long 76°51'41", Hydrologic Unit 03020104, 1 mi south of Bonnerton on Secondary Road 1936. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 280 ft, diameter 4 in., cased to 169 ft, open hole to 280 ft; measured depth 278 ft, September 1981.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval. Measured periodically with steel tape October 1992 to September 1994.

DATUM.--Land-surface datum is 36.41 ft above sea level (levels by DEHNR); revised from 36.64 ft above sea level, October 1987. Measuring point: Top of instrument shelf, 2.70 ft above land-surface datum; revised from 2.47 ft above land-surface datum, October 1987.

REMARKS.--Water level is affected by nearby pumping associated with mining operations. Well is part of local-effects network.

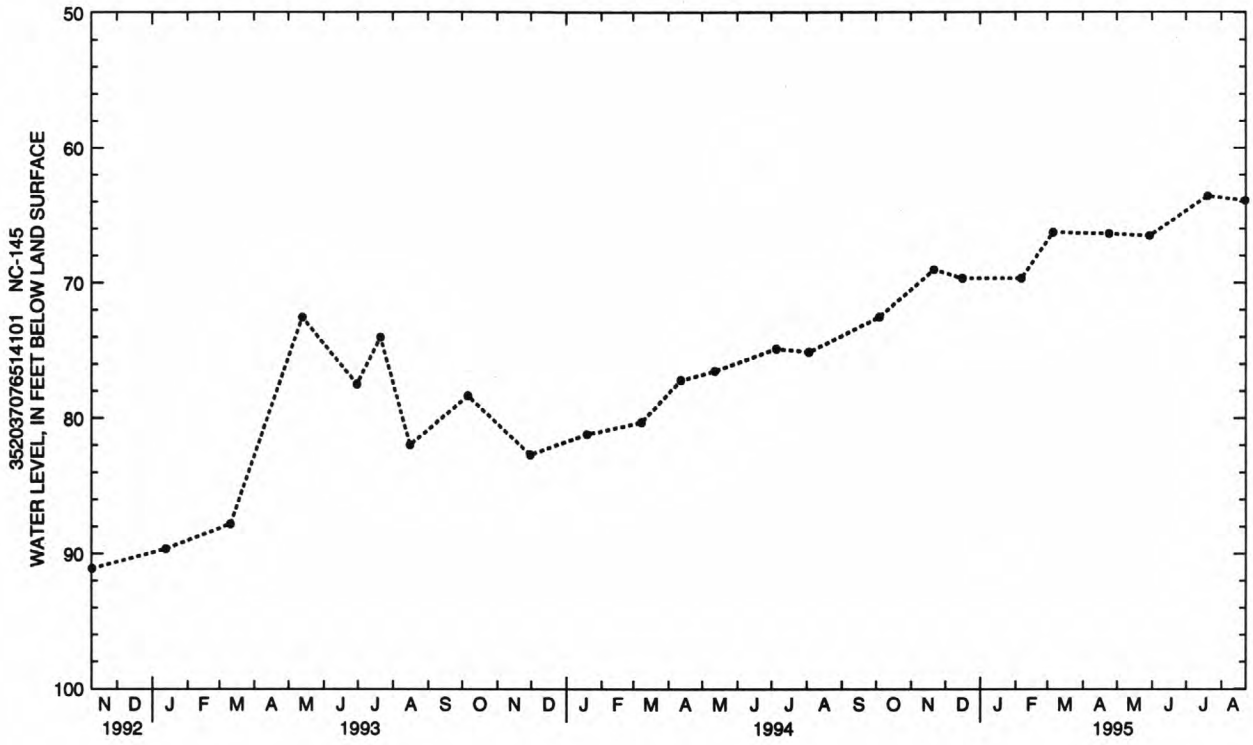
PERIOD OF RECORD.--June 1980 to current year. Continuous record began July 1984. Records from June 1980 to June 1984 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 63.57 ft below land-surface datum, July 20, 1995; lowest water level recorded, 100.32 ft below land-surface datum, Oct. 9 and 10, 1989.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-85-1, NC-86-1, and NC-87-1, should be adjusted by -0.23 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 4	72.53	DEC 16	69.67	MAR 6	66.25	MAY 30	66.50	JUL 20	63.57	AUG 22	63.90
NOV 21	69.03	FEB 6	69.67	APR 24	66.36						


352037076514101 NC-145
WATER LEVEL, IN FEET BELOW LAND SURFACE
50
60
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80
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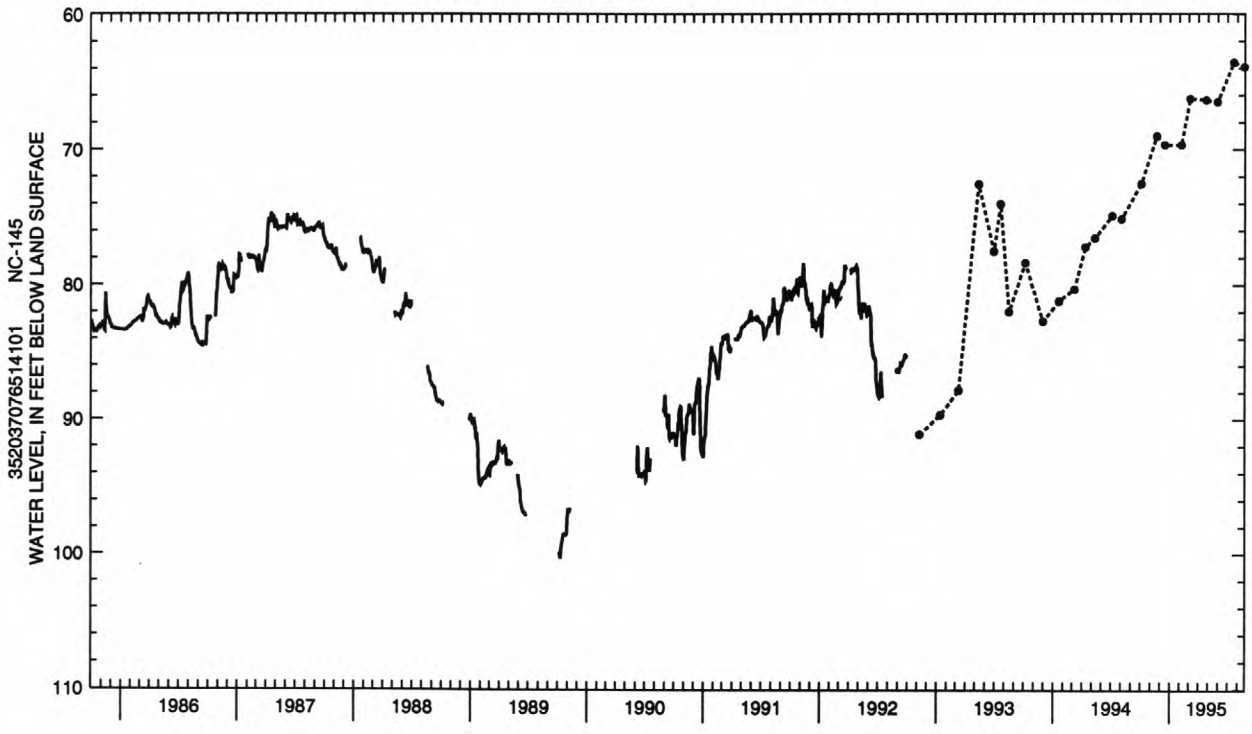
100
N D J F M A M J J A S O N D J F M A M J J A S O N D J F M A M J J A
1992
1993
1994
1995


352037076514101 NC-145
WATER LEVEL, IN FEET BELOW LAND SURFACE
60
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1993
1994
1995

BEAUFORT COUNTY--Continued

352037076514106. Local number, NC-162; DEHNR Bonnerton Research Station well P18v6.

LOCATION.--Lat 35°20'37", long 76°51'41", Hydrologic Unit 03020104, 1 mi south of Bonnerton on Secondary Road 1936. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Yorktown aquifer of Pliocene and Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 86 ft, diameter 2.5 in., cased to 76 ft, screened interval from 76 to 86 ft; measured depth 83.4 ft, October 1986.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 37.09 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.35 ft above land-surface datum; revised from 3.07 ft above land-surface datum, August 25, 1993.

REMARKS.--Water level is affected by nearby pumping associated with mining operations. Well is part of local-effects network.

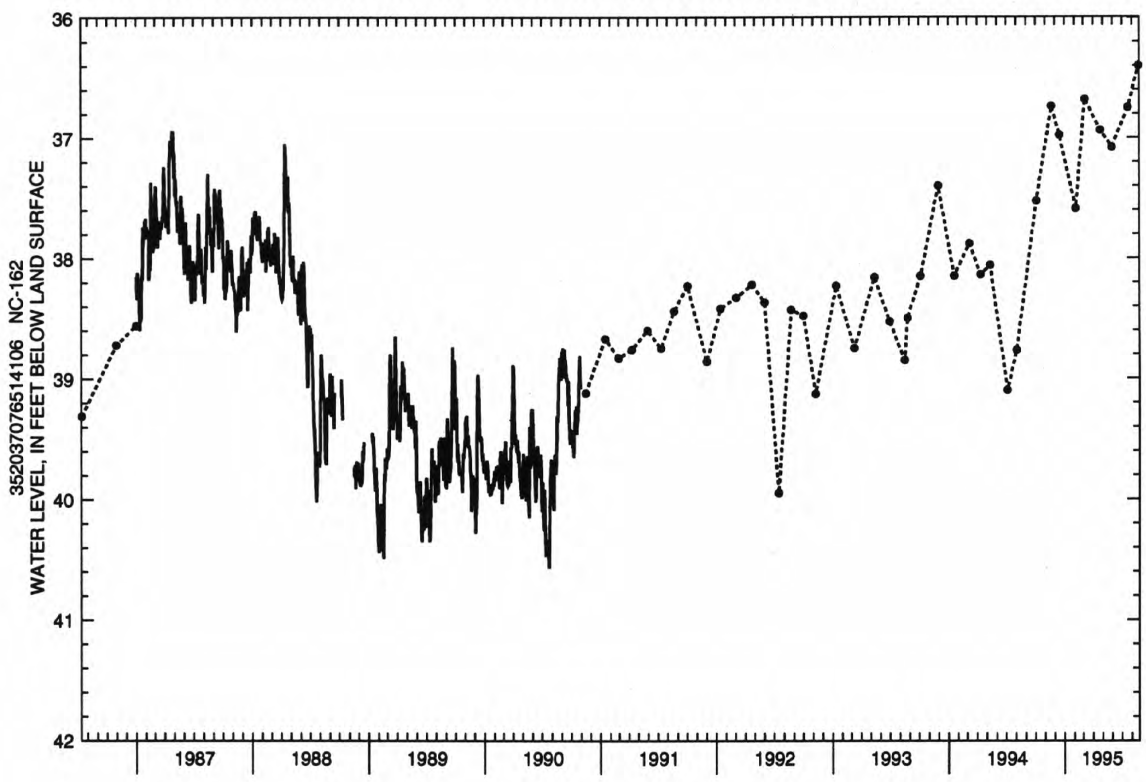
PERIOD OF RECORD.--June 1980 to current year. Continuous record December 1986 to November 1990. Records from June 1980 to July 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.40 ft below land-surface datum, Aug. 22, 1995; lowest water level recorded, 40.58 ft below land-surface datum, July 21, 1990.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by -0.35 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 4	37.53	DEC 16	36.98	MAR 6	36.68	MAY 30	37.08	JUL 20	36.75	AUG 22	36.40
NOV 21	36.74	FEB 6	37.59	APR 24	36.94						


352037076514106 NC-162
WATER LEVEL, IN FEET BELOW LAND SURFACE
36
37
38
39
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1987
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1989
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1991
1992
1993
1994
1995

BEAUFORT COUNTY--Continued

352224076570403. Local number, NC-163; DEHNR Coxs Crossroads Research Station well P19m3.

LOCATION.--Lat 35°22'24", long 76°57'04", Hydrologic Unit 03020104, at North Carolina Department of Transportation Maintenance Yard near Coxs Crossroads, and 0.25 mi north of State Highway 32 on Secondary Road 1100. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 250 ft, diameter 4 in., cased to 81 ft, open hole to 250 ft, measured depth 236.5 ft, September 1981.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 25.38 ft above sea level (levels by DEHNR). Measuring point: Top of plastic sleeve on instrument shelf, 2.07 ft above land-surface datum (since July 1990).

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--June 1967 to current year. Continuous record began November 1986. Records from June 1967 to November 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 21.00 ft below land-surface datum, Mar. 22, 1995; lowest water level recorded, 31.36 ft below land-surface datum, Feb. 4 and 5, 1989.

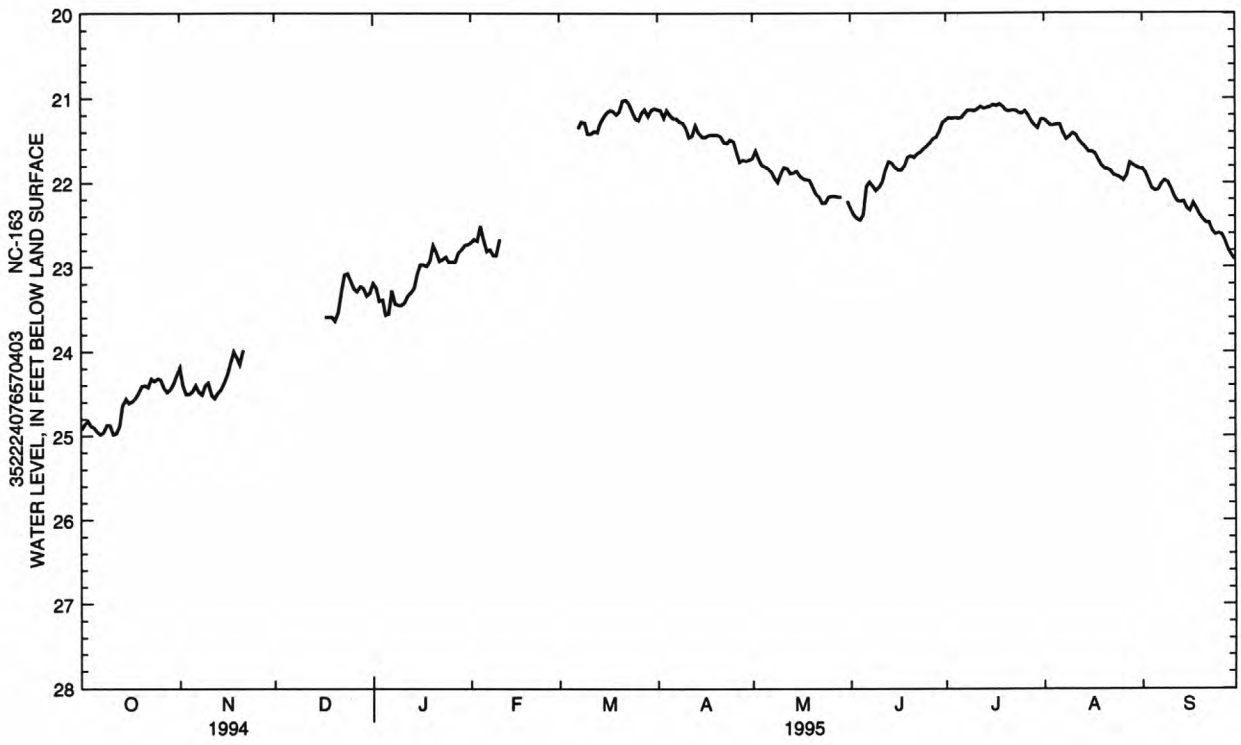
REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by -0.1 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.90	24.47	---	23.57	22.68	---	21.20	21.81	22.38	21.24	21.31	22.09
10	24.87	24.37	---	23.45	22.67	21.42	21.35	21.89	22.05	21.15	21.41	22.06
15	24.56	24.37	---	23.09	---	21.22	21.45	21.86	21.82	21.10	21.63	22.30
20	24.41	24.15	23.64	22.74	---	21.16	21.43	22.05	21.68	21.14	21.83	22.43
25	24.32	---	23.17	22.94	---	21.24	21.51	22.17	21.57	21.18	21.94	22.60
EOM	24.28	---	23.31	22.73	---	21.12	21.73	22.22	21.29	21.25	21.83	22.91

WTR YR 1995 MEAN 22.39 HIGH 21.02 MAR 22 LOW 24.98 OCT 7


352224076570403 NC-163
WATER LEVEL, IN FEET BELOW LAND SURFACE
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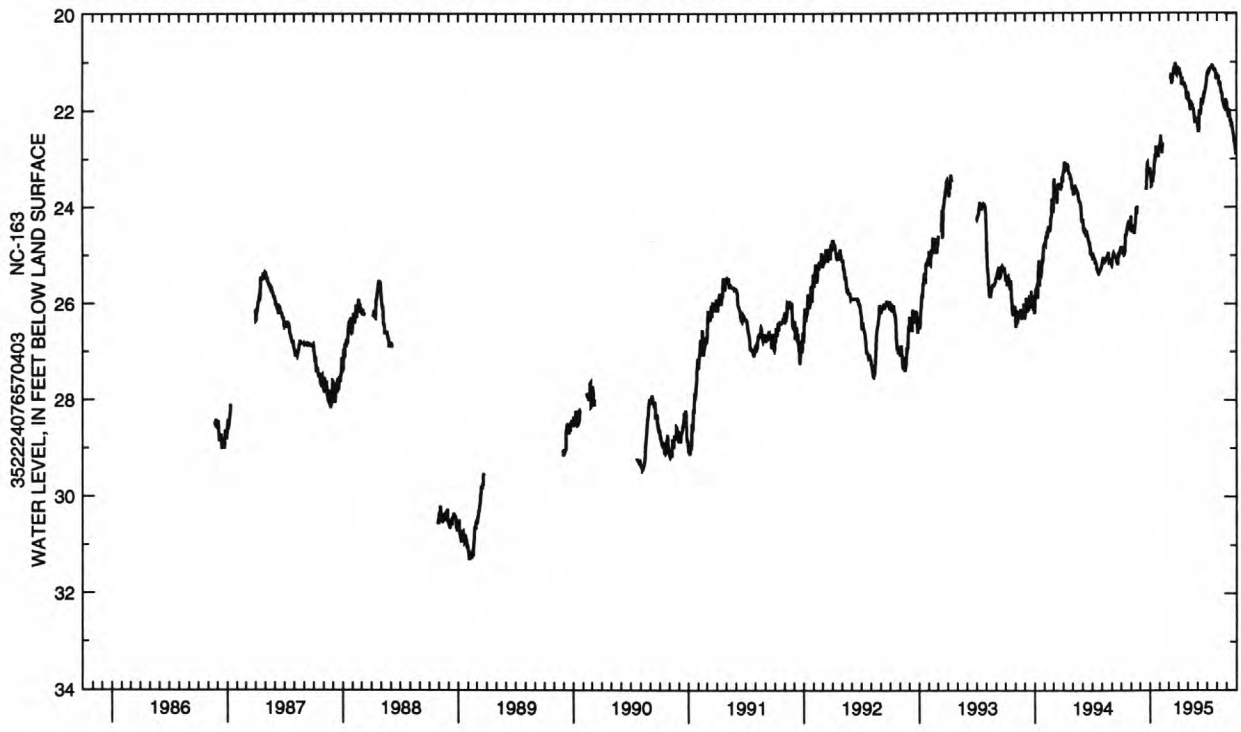
1994
1995


352224076570403 NC-163
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1986
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1992
1993
1994
1995

BEAUFORT COUNTY--Continued

352252077050707. Local number, NC-164; DEHNR Wilmar Research Station well P21k7.

LOCATION.--Lat 35°22'53", long 77°05'17", Hydrologic Unit 03020202, 0.5 mi east of intersection of Secondary Roads 1129 and 1130 on logging road, and 3.5 mi southeast of Wilmar. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 320 ft, diameter 6 in., cased to 290 ft, screened interval from 290 to 310 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 40.56 ft above sea level (levels by DEHNR). Measuring point: Top of casing, 2.22 ft above land-surface datum; revised from 2.94 ft above land-surface datum, April 21, 1993.

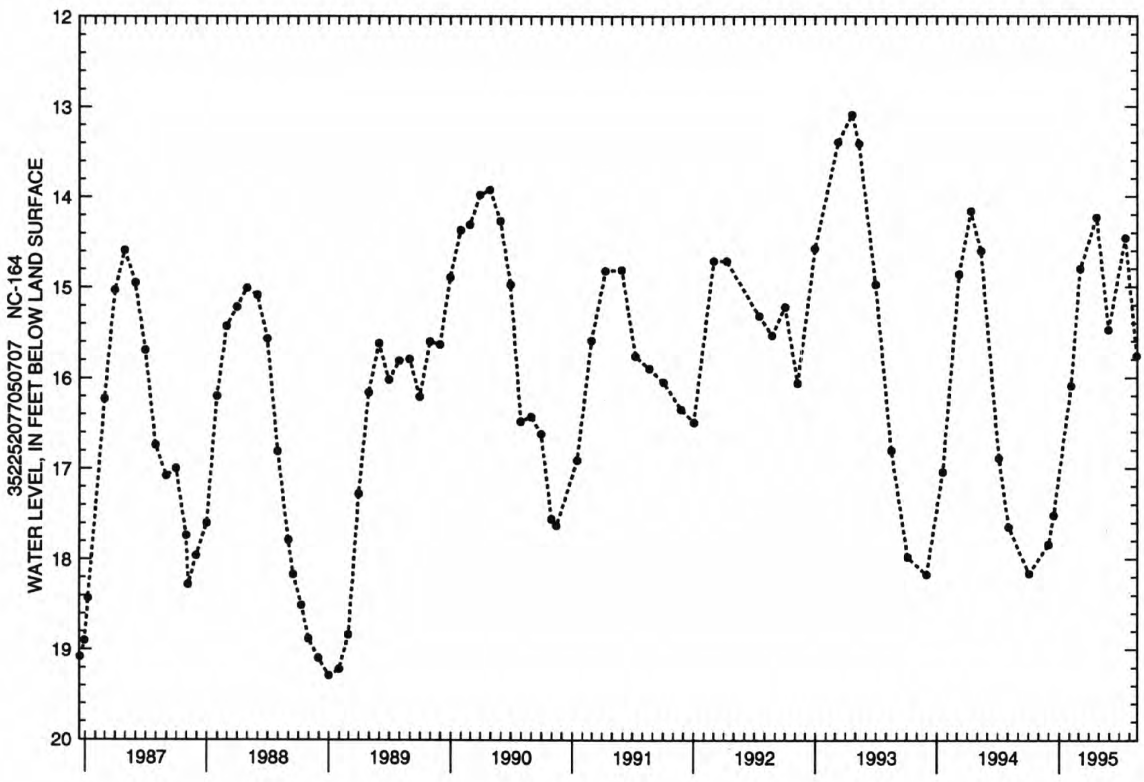
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--March 1969 to current year. Continuous record December 1986 to November 1990. Records from March 1969 to July 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.03 ft below land-surface datum, Apr. 27, 1973; lowest water level recorded, 19.40 ft below land-surface datum, Jan. 11 and 14, 1989.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 3	18.16	DEC 16	17.52	MAR 6	14.80	MAY 30	15.47	JUL 19	14.46	AUG 22	15.76
NOV 30	17.84	FEB 6	16.09	APR 24	14.23						


352252077050707 NC-164
WATER LEVEL, IN FEET BELOW LAND SURFACE
12
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1987
1988
1989
1990
1991
1992
1993
1994
1995

BEAUFORT COUNTY--Continued

352252077050709. Local number, NC-165; DEHNR Wilmar Research Station well P21k9.

LOCATION.--Lat 35°22'53", long 77°05'17", Hydrologic Unit 03020202, 0.5 mi east of intersection of Secondary Roads 1129 and 1130 on logging road, and 3.5 mi southeast of Wilmar. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 712 ft, diameter 4 in., cased to 695 ft, screened interval from 695 to 705 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 41.63 ft above sea level (levels by DEHNR). Measuring point: Top of casing, 1.98 ft above land-surface datum; revised from 2.74 ft above land-surface datum, April 21, 1993.

REMARKS.--Well is part of areal-effects network.

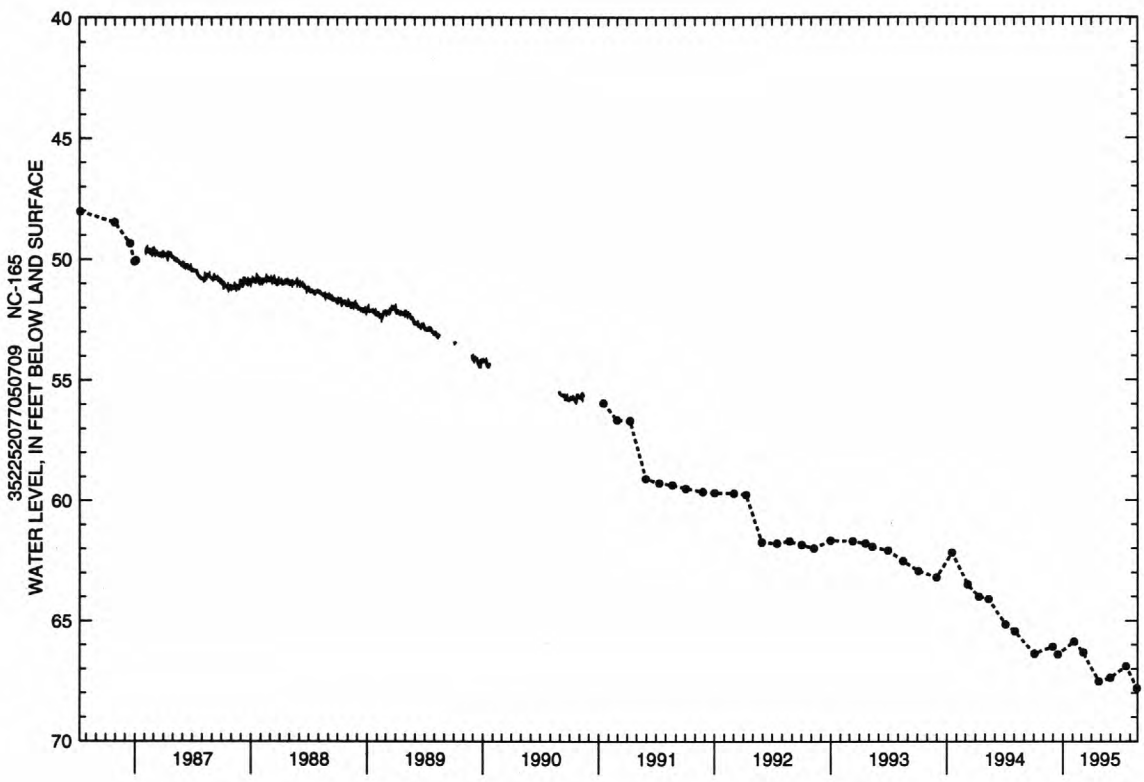
PERIOD OF RECORD.--March 1969 to current year. Continuous record December 1986 to November 1990. Records from March 1969 to July 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.94 ft below land-surface datum, Mar. 11, 1969; lowest water level measured, 67.81 ft below land-surface datum, Aug. 22, 1995.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by +0.17 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 3	66.38	DEC 16	66.41	MAR 6	66.33	MAY 30	67.38	JUL 19	66.90	AUG 22	67.81
NOV 30	66.09	FEB 6	65.87	APR 24	67.53						


352520077050709 NC-165
WATER LEVEL, IN FEET BELOW LAND SURFACE
40
45
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1987
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1992
1993
1994
1995

BERTIE COUNTY

361002076562106. Local number, NC-153; DEHNR Cremo Research Station well G19b6.

LOCATION.--Lat 36°10'02", long 76°56'21", Hydrologic Unit 03010203, 0.75 mi south of Cremo, south of Secondary Road 1313 on logging road. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Upper Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 431 ft, diameter 6 in., cased to 400 ft, screened interval from 400 to 410 ft; measured depth 412 ft, October 1986.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 64.49 ft above sea level (levels by DEHNR). Measuring point: Top of casing, 1.25 ft above land-surface datum; revised from 3.01 ft above land-surface datum July 2, 1994.

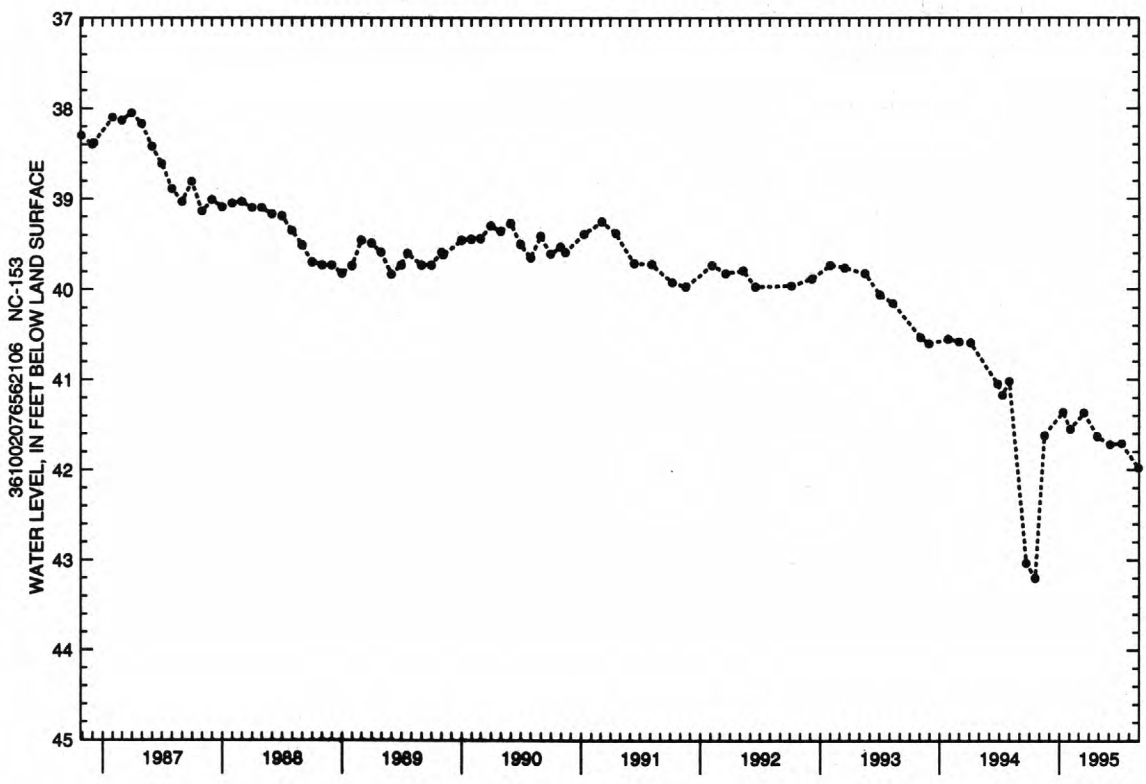
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--August 1974 to current year. Continuous record November 1986 to November 1990. Records from August 1974 to August 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 31.51 ft below land-surface datum, July 30, 1975; lowest water level measured, 43.20 ft below land-surface datum, Oct. 19, 1994.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	43.20	JAN 12	41.36	MAR 17	41.37	JUN 5	41.72	JUL 10	41.71	AUG 30	41.98
NOV 16	41.62	FEB 3	41.55	APR 27	41.63						


361002076562106 NC-153
WATER LEVEL, IN FEET BELOW LAND SURFACE
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BERTIE COUNTY--Continued

361420077111407. Local number, NC-154; DEHNR Roxobel Research Station well F22b7.

LOCATION.--Lat 36°14'20", long 77°11'14", Hydrologic Unit 03010203, 3.8 mi northeast of Roxobel on Secondary Road 1249. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 12 ft, diameter 4 in., cased to 7 ft, screened interval from 7 to 12 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 74 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 3.05 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--November 1986 to current year.

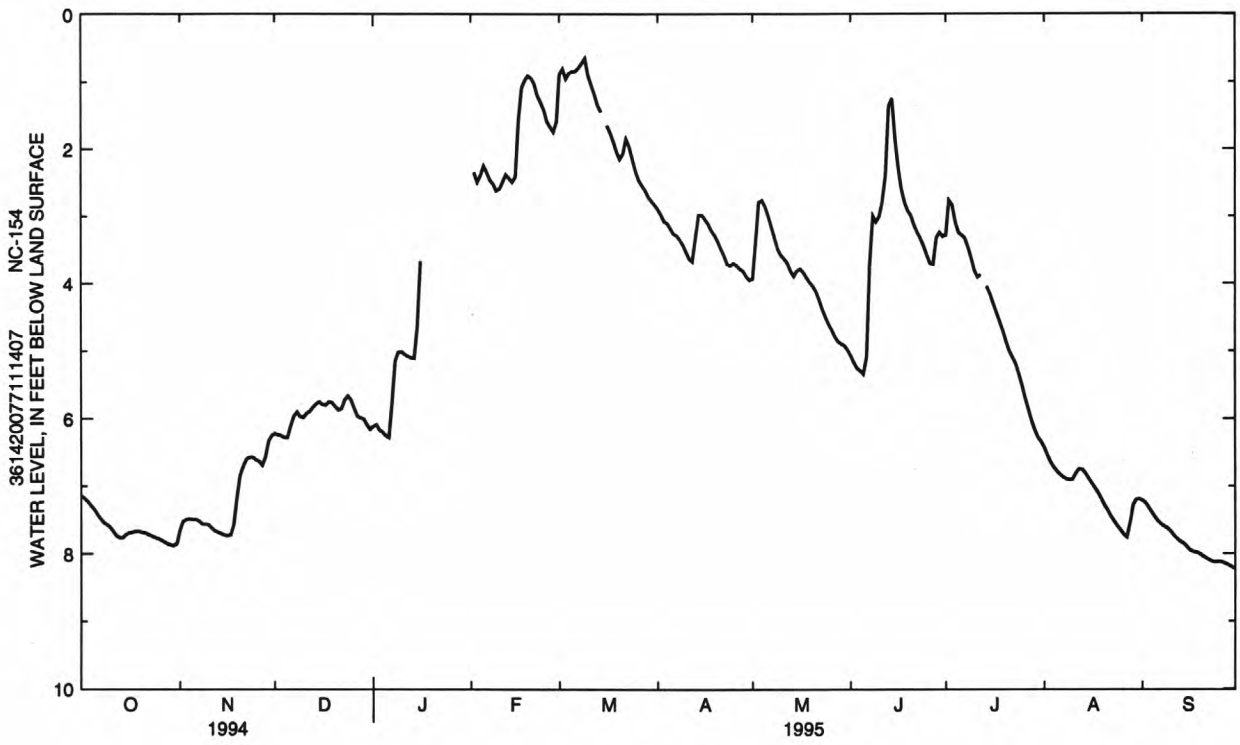
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.59 ft below land-surface datum, Mar. 8, 9, 1995; lowest water level recorded, 9.31 ft below land-surface datum, Sept. 5, 1987.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.14	7.65	6.22	6.12	---	.89	2.89	3.93	5.07	3.28	6.43	7.21
2	7.18	7.52	6.24	6.09	2.35	.81	2.97	3.37	5.17	2.76	6.54	7.25
3	7.23	7.49	6.25	6.17	2.49	.95	3.07	2.79	5.25	2.83	6.64	7.32
4	7.29	7.48	6.28	6.20	2.39	.87	3.10	2.76	5.29	3.08	6.72	7.39
5	7.34	7.49	6.28	6.25	2.25	.85	3.18	2.85	5.34	3.24	6.78	7.46
6	7.41	7.49	6.10	6.28	2.35	.84	3.26	3.00	5.09	3.28	6.83	7.52
7	7.48	7.51	5.96	5.77	2.46	.79	3.29	3.16	3.74	3.33	6.87	7.57
8	7.54	7.56	5.90	5.15	2.52	.73	3.35	3.33	2.99	3.45	6.90	7.60
9	7.57	7.56	5.97	5.02	2.62	.65	3.42	3.49	3.08	3.62	6.91	7.63
10	7.61	7.57	5.98	5.01	2.59	.89	3.52	3.58	3.00	3.80	6.90	7.67
11	7.67	7.62	5.92	5.05	2.49	1.03	3.63	3.63	2.78	3.90	6.80	7.73
12	7.73	7.66	5.89	5.08	2.38	1.18	3.67	3.70	2.38	3.87	6.74	7.78
13	7.76	7.68	5.83	5.10	2.43	1.34	3.31	3.81	1.36	---	6.75	7.82
14	7.76	7.70	5.78	5.11	2.49	1.44	2.98	3.89	1.25	4.05	6.81	7.85
15	7.71	7.72	5.75	4.65	2.41	---	2.98	3.81	1.83	4.16	6.89	7.90
16	7.69	7.73	5.79	3.67	1.55	1.65	3.04	3.78	2.28	4.29	6.96	7.95
17	7.68	7.72	5.80	---	1.08	1.76	3.11	3.83	2.59	4.43	7.03	7.97
18	7.67	7.57	5.75	---	.97	1.89	3.21	3.91	2.79	4.56	7.10	7.98
19	7.67	7.16	5.76	---	.91	2.04	3.28	3.98	2.91	4.70	7.19	8.00
20	7.68	6.84	5.82	---	.94	2.15	3.37	4.04	2.99	4.86	7.28	8.03
21	7.69	6.70	5.87	---	1.02	2.07	3.48	4.12	3.13	5.00	7.36	8.06
22	7.71	6.60	5.85	---	1.20	1.85	3.58	4.24	3.24	5.10	7.44	8.09
23	7.73	6.57	5.72	---	1.30	1.97	3.71	4.38	3.33	5.19	7.52	8.11
24	7.75	6.57	5.66	---	1.41	2.15	3.73	4.50	3.44	5.33	7.59	8.12
25	7.77	6.61	5.72	---	1.59	2.33	3.70	4.60	3.57	5.52	7.65	8.11
26	7.79	6.63	5.85	---	1.67	2.46	3.73	4.69	3.70	5.69	7.71	8.12
27	7.82	6.69	5.96	---	1.74	2.54	3.78	4.79	3.71	5.86	7.75	8.14
28	7.85	6.57	5.99	---	1.59	2.61	3.81	4.86	3.32	6.03	7.54	8.16
29	7.87	6.33	6.00	---	---	2.71	3.89	4.89	3.24	6.17	7.28	8.19
30	7.88	6.25	6.09	---	---	2.77	3.95	4.92	3.30	6.28	7.20	8.22
31	7.85	---	6.16	---	---	2.83	---	4.98	---	6.34	7.19	---

WTR YR 1995 MEAN 5.01 HIGH .65 LOW 8.22


361420077111407 NC-154
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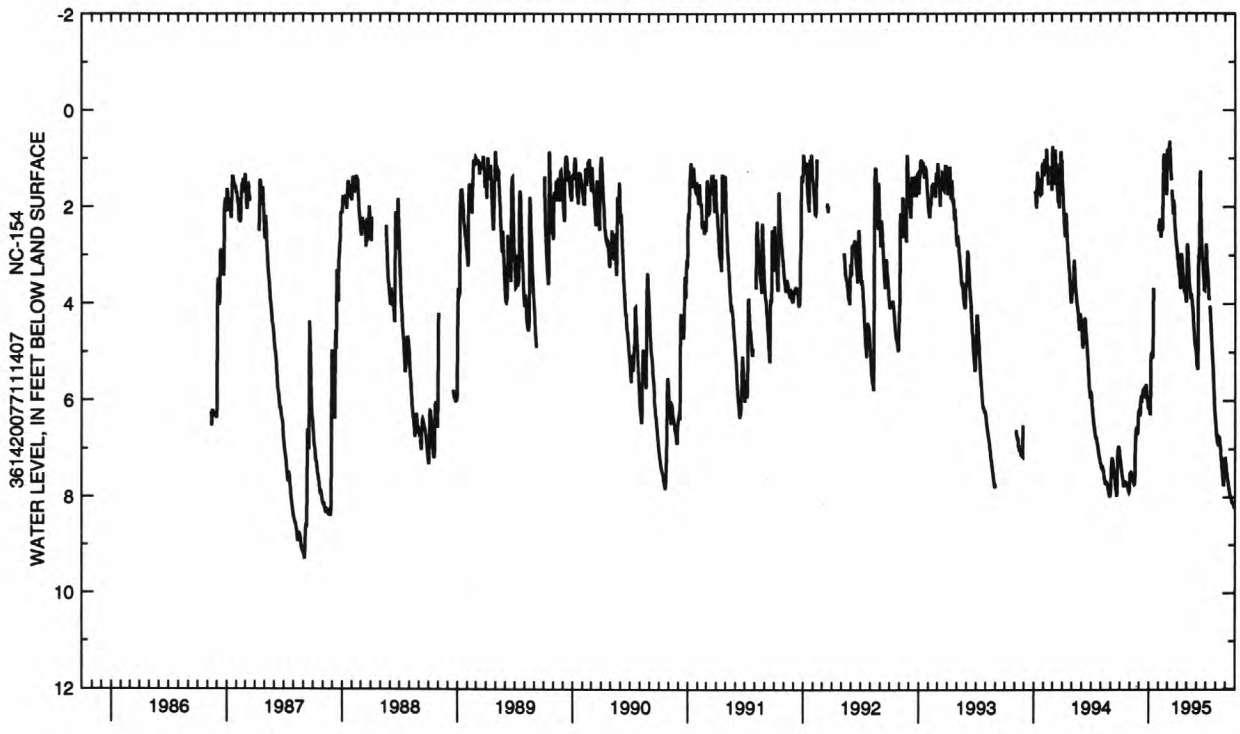
361420077111407 NC-154
WATER LEVEL, IN FEET BELOW LAND SURFACE
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BLADEN COUNTY

345053078493611. Local number, Bl-90.

LOCATION.--Lat 34°50'53", long 78°49'36", Hydrologic Unit 03030005, at E.I. du Pont de Nemours and Company, Inc., Fayetteville Works plant, 200 ft west of Cape Fear River, and 1.6 miles east of State Highway 87. Owner: E.I. du Pont de Nemours and Company, Inc.

AQUIFER.--Upper Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 250 ft, diameter 4 in., cased to 220 ft, screened interval from 220 to 225 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 51.5 ft above sea level. Measuring point: Top of 4-inch casing, 1.70 ft above land-surface datum.

REMARKS.--Well is part of southern Coastal Plain ground-water level monitoring study.

PERIOD OF RECORD.--March 1993 to current year. Continuous record since August 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.20 ft below land-surface datum, Mar. 12, 1993; lowest water level recorded, 74.25 ft below land-surface datum, July 17, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, PERIOD MARCH TO AUGUST 1993

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
MAR 12	38.20	JUN 25	42.26	AUG 18	45.17

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	---	---	46.59
10	---	---	---	---	---	---	---	---	---	---	---	46.92
15	---	---	---	---	---	---	---	---	---	---	---	47.23
20	---	---	---	---	---	---	---	---	---	---	45.46	47.52
25	---	---	---	---	---	---	---	---	---	---	45.86	47.84
EOM	---	---	---	---	---	---	---	---	---	---	46.29	48.15

WTR YR 1993 MEAN 46.83 HIGH 45.37 AUG 19 LOW 48.15 SEP 30

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1993 TO SEPTEMBER 1994

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	48.40	50.28	51.80	53.25	54.80	56.11	56.39	57.50	58.78	59.97	61.17	62.30
10	48.71	50.54	52.07	53.45	55.05	55.80	56.55	57.68	58.99	60.14	61.36	62.46
15	49.04	50.79	52.32	53.65	55.34	55.82	56.72	57.91	59.19	60.37	61.53	62.65
20	49.31	51.06	52.52	53.98	55.56	55.93	56.94	58.12	59.37	60.54	61.71	62.86
25	49.62	51.32	52.75	54.26	55.76	56.04	57.16	58.31	59.56	60.76	61.91	63.05
EOM	49.98	51.55	53.06	54.51	55.96	56.24	57.34	58.48	59.76	60.97	62.14	63.22

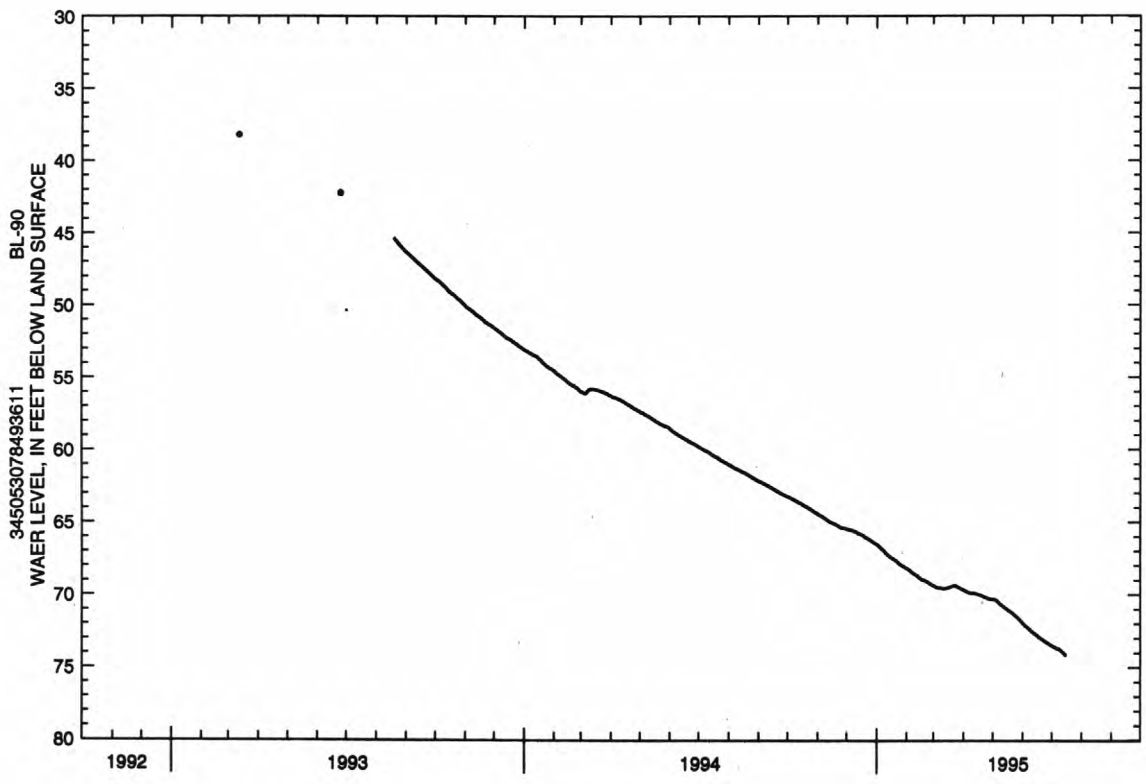
WTR YR 1994 MEAN 56.32 HIGH 48.21 OCT 1 LOW 63.22 SEP 30

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	63.38	64.58	65.54	66.77	68.38	69.49	69.81	70.37	72.19	73.65	---	---
10	63.54	64.80	65.65	67.09	68.63	69.55	69.89	70.69	72.48	73.81	---	---
15	63.72	65.03	65.81	67.39	68.87	69.53	69.95	70.94	72.74	74.12	---	---
20	63.92	65.19	66.01	67.60	69.01	69.40	70.08	71.17	73.01	---	---	---
25	64.12	65.37	66.21	67.89	69.21	69.41	70.22	71.46	73.25	---	---	---
EOM	64.37	65.45	66.49	68.15	69.32	69.62	70.30	71.89	73.47	---	---	---

WTR YR 1995 MEAN 68.52 HIGH 63.24 OCT 1 LOW 74.17 JUL 16



BLADEN COUNTY--Continued

343027078451903. Local number, NC-178; DEHNR Bladenboro Research Station well Z41u3.

LOCATION.--Lat 34°30'24", long 78°45'17 ", Hydrologic Unit 03040206, 3 mi southeast of Bladenboro, south of State Highway 211 on Secondary Road 1172. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 110 ft, diameter 6 in., cased to 100 ft, screened interval from 100 to 110 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 116.45 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.78 ft above land-surface datum; revised from 2.89 ft above land-surface datum, October 1987.

REMARKS.--Well is part of areal-effects network. Records prior to January 1987 are from Bladenboro Research Station well Z41u4 which was adjacent to and of similar construction to well Z41u3.

PERIOD OF RECORD.--March 1976 to current year. Continuous record began January 1987. Records for well Z41u4 from March 1976 to December 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.73 ft below land-surface datum, Apr. 19, 1978; lowest water level recorded, 8.21 ft below land-surface datum, Sept. 4, 1993.

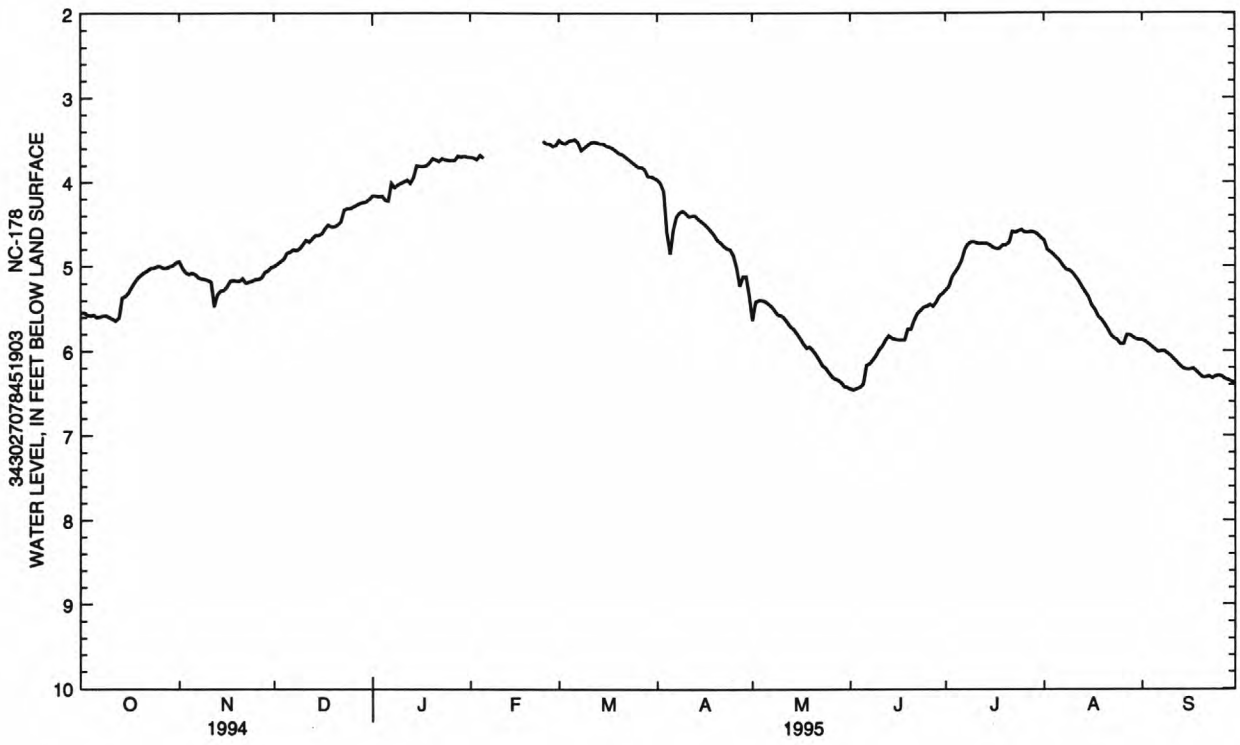
REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by +0.11 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.57	5.08	4.84	4.21	3.71	3.50	4.85	5.41	6.39	5.01	4.90	5.98
10	5.60	5.16	4.74	4.01	---	3.56	4.37	5.58	5.98	4.71	5.08	6.06
15	5.35	5.28	4.63	3.80	---	3.54	4.47	5.79	5.86	4.75	5.37	6.22
20	5.10	5.17	4.53	3.72	---	3.66	4.69	5.99	5.74	4.75	5.68	6.31
25	5.00	5.15	4.31	3.74	3.54	3.79	4.87	6.25	5.47	4.57	5.92	6.29
EOM	4.95	5.01	4.20	3.70	3.56	3.95	5.34	6.43	5.32	4.66	5.87	6.38

WTR YR 1995 MEAN 4.98 HIGH 3.49 MAR 6 LOW 6.46 JUN 2


NC-178
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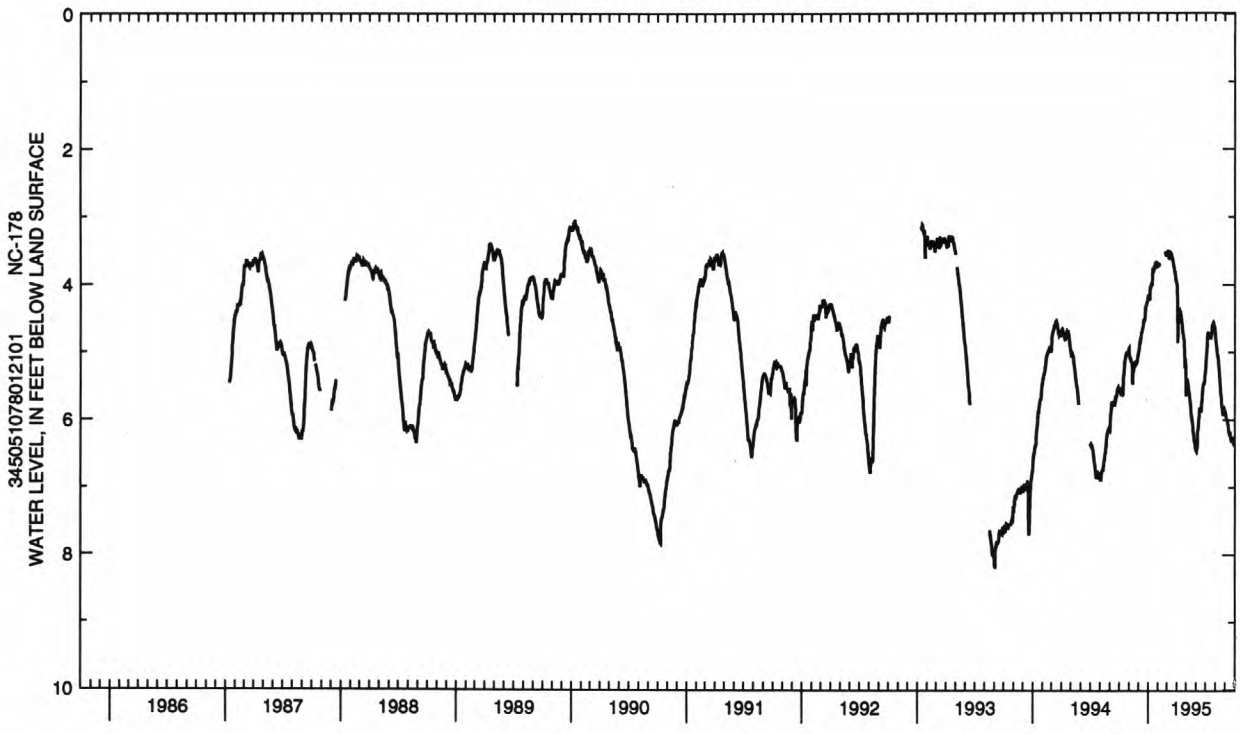
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BRUNSWICK COUNTY

340416078084202. Local number, NC-180; DEHNR Bolivia Research Station well FF33d2.

LOCATION.--Lat 34°04'16", long 78°08'42", Hydrologic Unit 03040207, in Bolivia at Town Hall on U.S. Highway 17. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 140 ft, diameter 4 in., cased to 92 ft, open hole to 140 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 40.97 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.70 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--April 1971 to current year. Continuous record began May 1987. Records from April 1971 to March 1987 are unpublished and available in the files of the Groundwater Section, DEHNR.

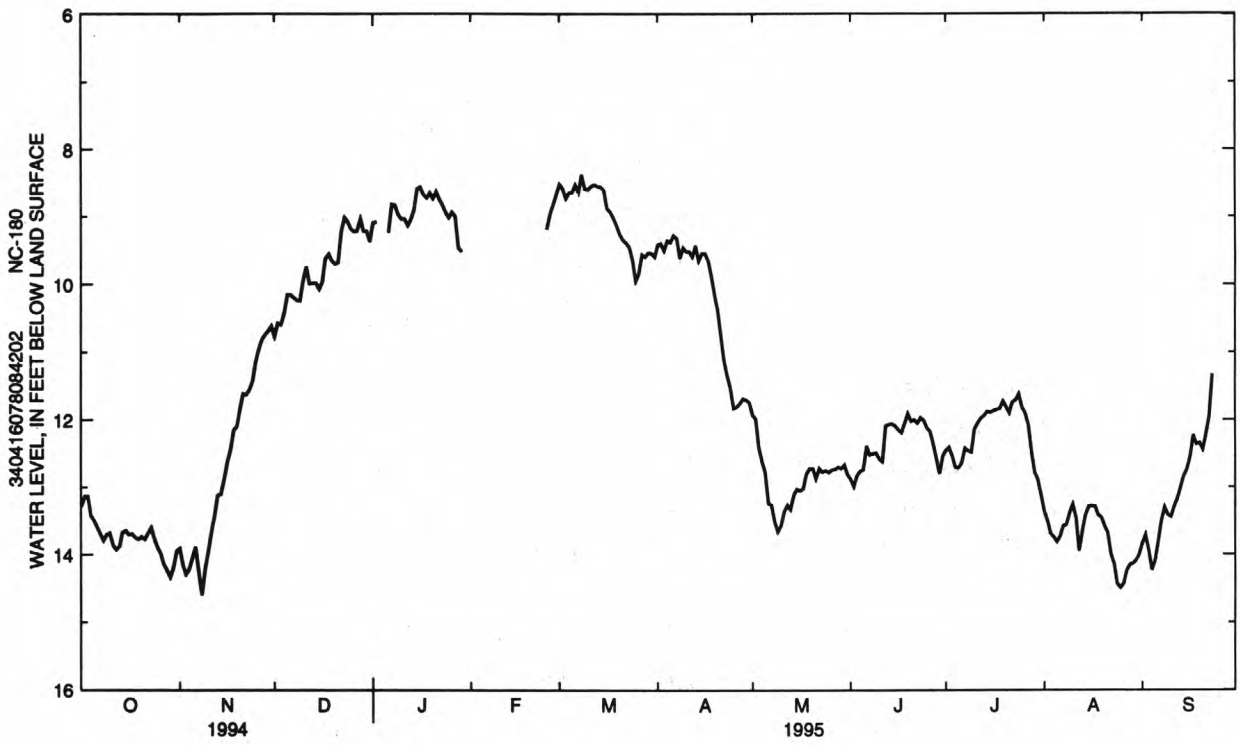
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 5.52 ft below land-surface datum, Aug. 14, 1973; lowest water level recorded, 15.07 ft below land-surface datum, Sept. 4, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.50	14.04	10.15	---	---	8.64	9.38	12.77	12.74	12.71	13.81	14.08
10	13.68	13.97	9.94	9.03	---	8.60	9.51	13.57	12.58	12.14	13.26	13.44
15	13.65	12.89	10.07	8.59	---	8.61	9.54	13.03	12.09	11.89	13.29	12.73
20	13.73	11.87	9.70	8.73	---	9.26	10.38	12.72	12.02	11.81	13.58	12.44
25	13.90	11.15	9.18	9.01	9.18	9.95	11.83	12.78	12.12	11.82	14.49	---
EOM	13.95	10.61	9.37	---	8.67	9.59	11.75	12.81	12.53	13.12	14.00	---

WTR YR 1995 MEAN 11.66 HIGH 8.38 MAR 8 LOW 14.59 NOV 8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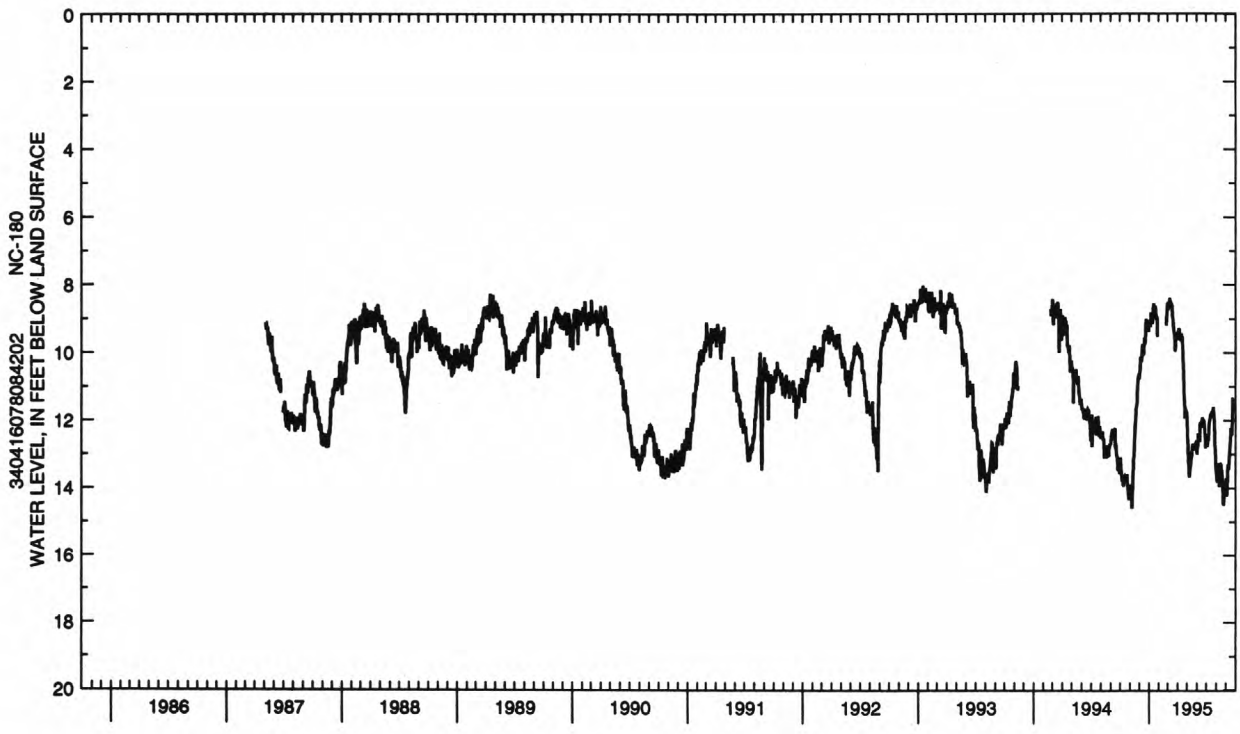
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BRUNSWICK COUNTY--Continued

335629078115406. Local number, NC-181; DEHNR Sunset Harbor Research Station well GG34s6.

LOCATION.--Lat 33°56'29", long 78°11'54", Hydrologic Unit 03040207, 1 mi north of Sunset Harbor, and 4.3 mi south of State Highway 211 on Secondary Road 1112. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 102 ft, diameter 6 in., cased to 84 ft, open hole to 102 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 28.06 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.02 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--September 1974 to current year. Records from September 1974 to March 1986 are unpublished and available in the files of the Groundwater Section, DEHNR. U.S. Geological Survey periodic water-level measurements began December 1986 and continuous record began March 1987.

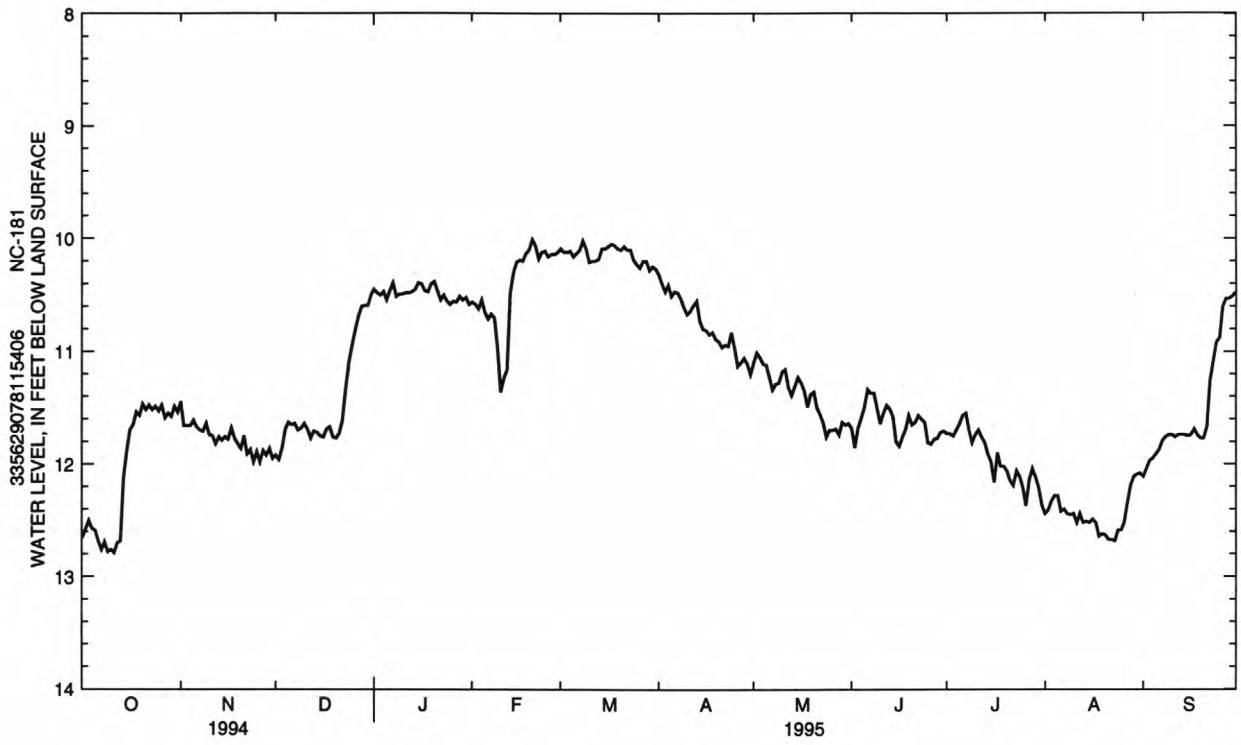
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.37 ft below land-surface datum, Mar. 13, 1987; lowest water level recorded, 13.53 ft below land-surface datum, Aug. 1, 1990.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.59	11.61	11.63	10.54	10.65	10.16	10.51	11.12	11.50	11.64	12.28	11.91
10	12.76	11.74	11.64	10.49	11.36	10.21	10.67	11.18	11.64	11.74	12.44	11.74
15	11.88	11.76	11.75	10.39	10.21	10.09	10.80	11.23	11.80	11.98	12.52	11.75
20	11.47	11.86	11.77	10.38	10.01	10.10	10.91	11.36	11.65	12.06	12.63	11.77
25	11.53	11.89	10.95	10.58	10.16	10.23	10.97	11.70	11.81	12.21	12.59	10.88
EOM	11.54	11.95	10.50	10.58	10.12	10.27	11.20	11.64	11.71	12.37	12.08	10.48

WTR YR 1995 MEAN 11.34 HIGH 10.01 FEB 20 LOW 12.79 OCT 11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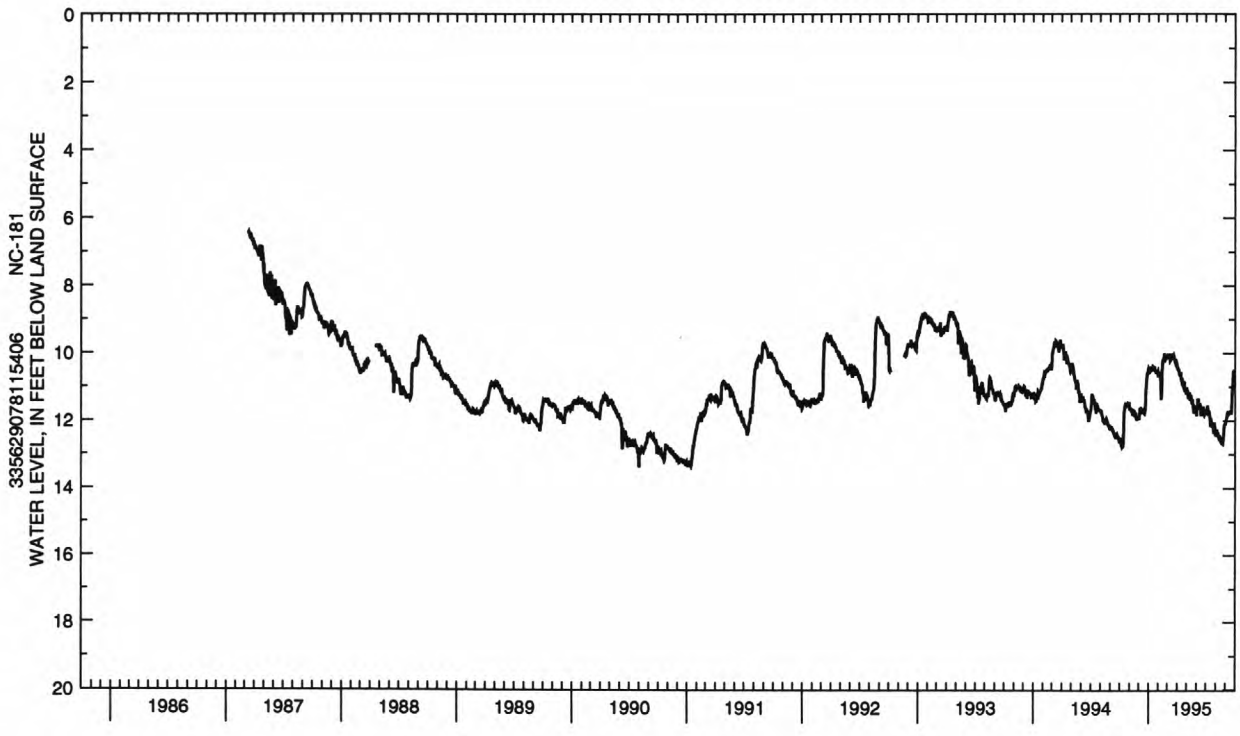
335629078115406 NC-181
WATER LEVEL, IN FEET BELOW LAND SURFACE
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BRUNSWICK COUNTY--Continued

335629078115407. Local number, NC-182; DEHNR Sunset Harbor Research Station well GG34s7.

LOCATION.--Lat 33°56'29", long 78°11'54", Hydrologic Unit 03040207, 1 mi north of Sunset Harbor, and 4.3 mi south of State Highway 211 on Secondary Road 1112. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 15 ft, diameter 4 in., cased to 10 ft, screened interval from 10 to 15 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 28.06 ft above sea level (levels by DEHNR). Measuring point: Top of collar on casing, 2.65 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--January 1987 to current year.

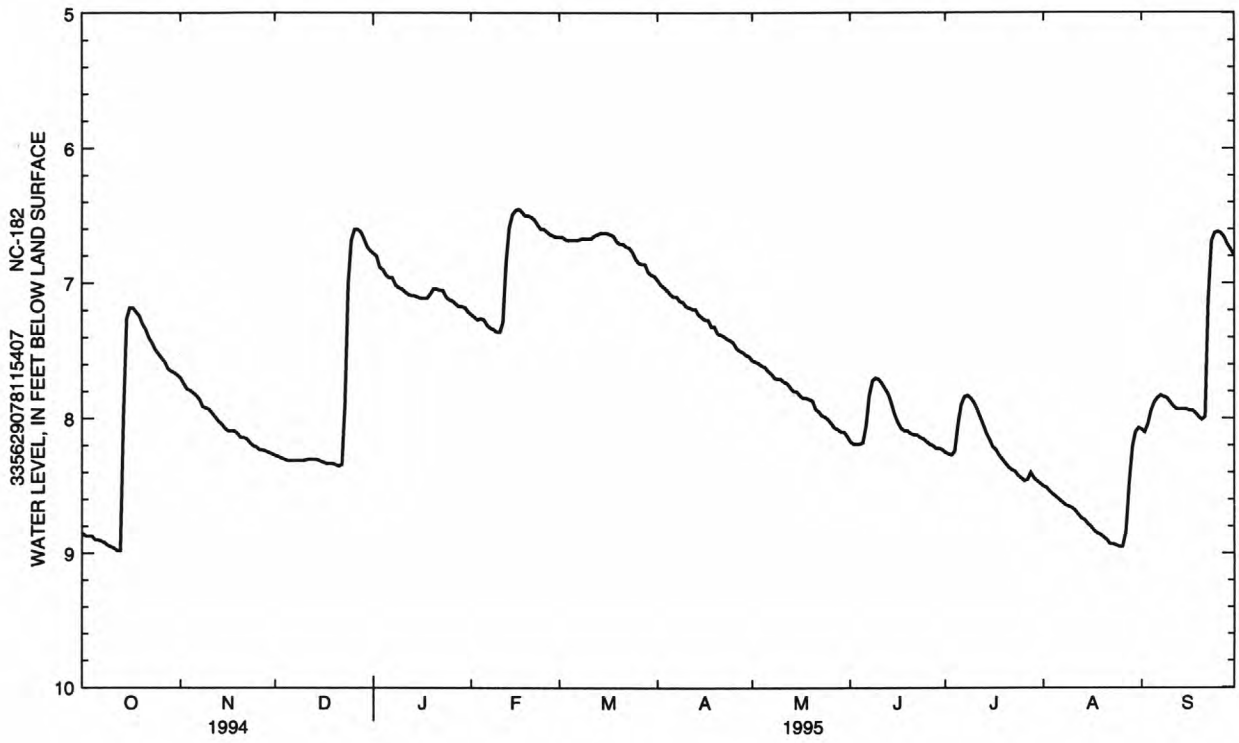
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.65 ft below land-surface datum, Apr. 15, 1987; lowest water level recorded, 9.80 ft below land-surface datum, Jan. 15 and 16, 1991.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	8.85	7.70	8.27	6.78	7.23	6.66	6.98	7.57	8.17	8.25	8.50	8.08
2	8.87	7.74	8.28	6.80	7.25	6.66	7.01	7.58	8.19	8.26	8.51	8.10
3	8.87	7.78	8.29	6.88	7.27	6.68	7.03	7.59	8.19	8.27	8.54	8.04
4	8.87	7.79	8.30	6.90	7.26	6.68	7.05	7.61	8.19	8.24	8.56	7.94
5	8.90	7.81	8.31	6.94	7.27	6.68	7.08	7.62	8.18	8.04	8.58	7.88
6	8.90	7.83	8.31	6.96	7.31	6.68	7.10	7.65	8.05	7.90	8.60	7.85
7	8.91	7.86	8.31	6.96	7.33	6.68	7.10	7.67	7.83	7.84	8.62	7.83
8	8.92	7.91	8.31	7.01	7.34	6.67	7.13	7.70	7.72	7.83	8.64	7.84
9	8.94	7.92	8.31	7.03	7.36	6.67	7.14	7.71	7.70	7.85	8.65	7.85
10	8.95	7.93	8.31	7.04	7.36	6.67	7.17	7.71	7.71	7.88	8.66	7.88
11	8.96	7.96	8.30	7.06	7.29	6.67	7.18	7.73	7.74	7.93	8.68	7.91
12	8.98	7.99	8.30	7.08	6.84	6.65	7.19	7.74	7.78	7.99	8.71	7.93
13	8.98	8.02	8.30	7.09	6.59	6.64	7.19	7.77	7.82	8.05	8.74	7.93
14	7.97	8.04	8.30	7.09	6.49	6.63	7.23	7.80	7.89	8.11	8.75	7.93
15	7.26	8.07	8.31	7.10	6.46	6.63	7.25	7.80	7.97	8.16	8.78	7.93
16	7.18	8.09	8.32	7.11	6.45	6.63	7.27	7.83	8.03	8.21	8.80	7.94
17	7.18	8.09	8.33	7.11	6.47	6.64	7.27	7.85	8.07	8.23	8.83	7.94
18	7.21	8.09	8.33	7.11	6.50	6.65	7.32	7.85	8.09	8.27	8.85	7.96
19	7.24	8.11	8.33	7.08	6.50	6.69	7.32	7.86	8.09	8.30	8.86	7.99
20	7.30	8.14	8.34	7.04	6.51	6.71	7.37	7.87	8.11	8.33	8.88	8.01
21	7.34	8.14	8.35	7.04	6.53	6.71	7.38	7.93	8.12	8.36	8.90	7.99
22	7.40	8.15	8.34	7.05	6.57	6.73	7.39	7.95	8.12	8.38	8.93	7.13
23	7.44	8.18	7.87	7.05	6.60	6.74	7.41	7.98	8.14	8.39	8.93	6.69
24	7.49	8.20	7.00	7.10	6.60	6.77	7.42	7.99	8.15	8.42	8.94	6.63
25	7.52	8.21	6.68	7.12	6.62	6.82	7.44	8.01	8.17	8.44	8.95	6.62
26	7.55	8.23	6.60	7.13	6.64	6.85	7.48	8.04	8.19	8.46	8.95	6.63
27	7.58	8.23	6.60	7.15	6.65	6.86	7.50	8.07	8.20	8.45	8.84	6.66
28	7.63	8.24	6.62	7.17	6.66	6.86	7.51	8.08	8.22	8.40	8.49	6.71
29	7.65	8.25	6.67	7.17	---	6.92	7.53	8.10	8.22	8.44	8.21	6.75
30	7.66	8.26	6.73	7.18	---	6.94	7.54	8.10	8.23	8.46	8.10	6.79
31	7.68	---	6.76	7.21	---	6.95	---	8.13	---	8.48	8.07	---

WTR YR 1995 MEAN 7.69 HIGH 6.45 LOW 8.98


NC-182
335629078115407
WATER LEVEL, IN FEET BELOW LAND SURFACE
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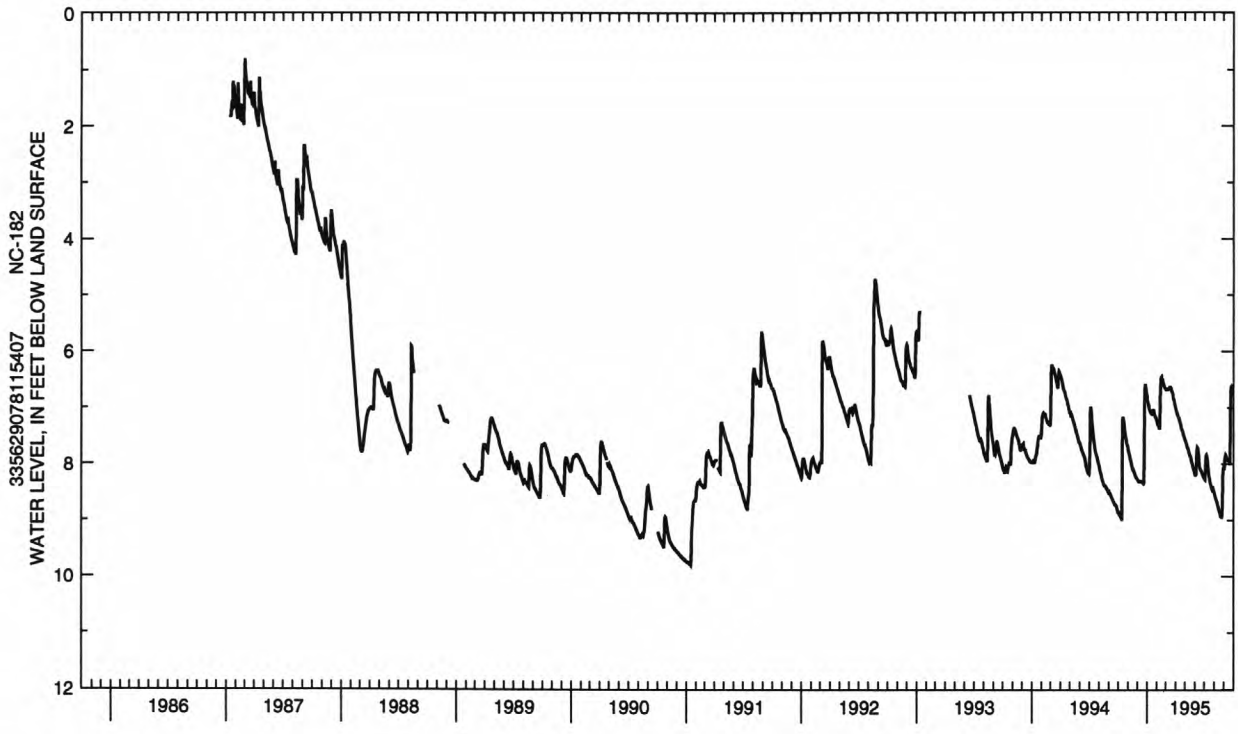
NC-182
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CARTERET COUNTY

344323076451301. Local number, NC-139; DEHNR Camp Glenn Research Station well X17j5.

LOCATION.--Lat 34°43'23", long 76°45'13", Hydrologic Unit 03020106, on west edge of Morehead City, and south of U.S. Highway 70 at DEHNR Marine Fisheries Facility on north shore of Bogue Sound. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 238 ft, diameter 4 in., cased to 180 ft, open hole to 191 ft, hole collapsed from 191 to 238 ft.

INSTRUMENTATION.--Digital recorder with a 30-minute punch interval.

DATUM.--Land-surface datum is 8.72 ft above sea level (levels by DEHNR). Measuring point: Top of collar on casing, 1.73 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--January 1976 to current year.

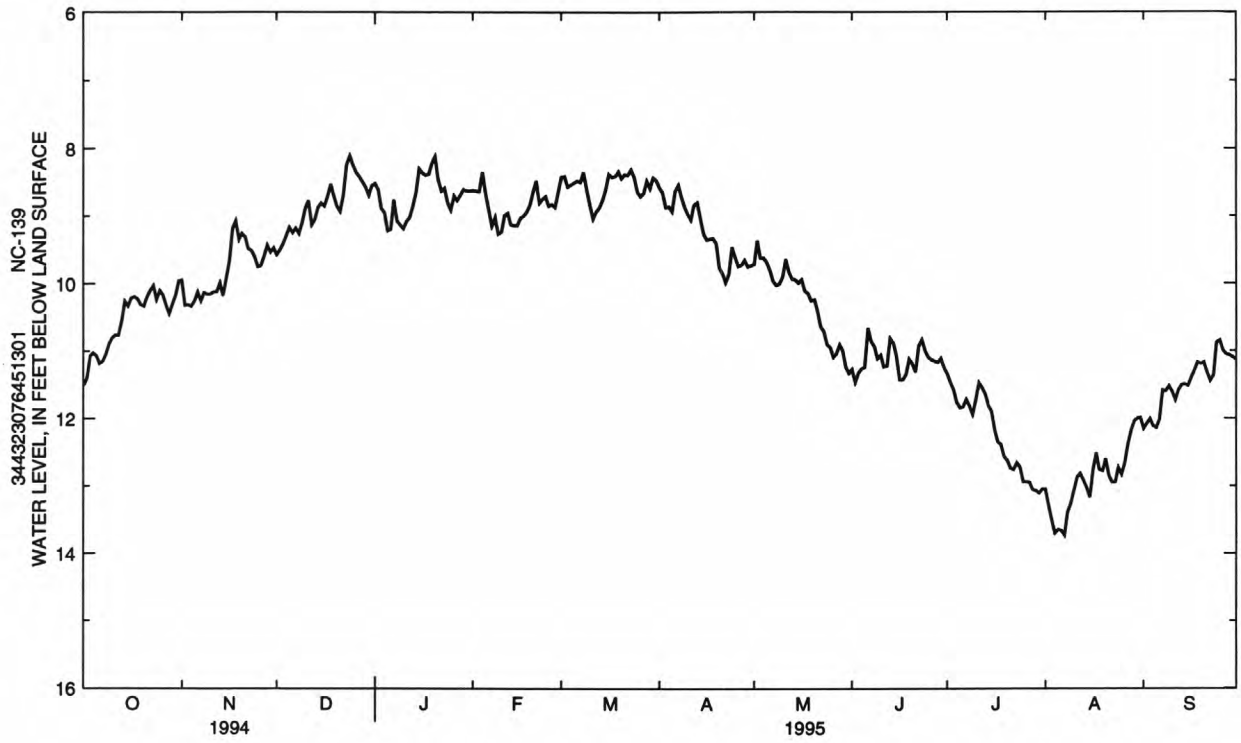
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.23 ft below land-surface datum, Dec. 7, 1976; lowest water level recorded, 14.22 ft below land-surface datum, Aug. 7, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.07	10.25	9.17	9.22	8.66	8.51	8.93	9.68	11.24	11.84	13.65	12.14
10	10.80	10.15	8.88	9.19	9.24	8.83	8.97	9.90	11.06	11.73	13.07	11.60
15	10.33	9.92	8.81	8.30	9.14	8.61	9.26	9.99	11.08	11.89	13.17	11.51
20	10.33	9.26	8.86	8.12	8.64	8.44	9.76	10.23	11.19	12.62	12.60	11.17
25	10.10	9.75	8.24	8.91	8.85	8.64	9.61	10.94	11.09	12.94	12.83	10.84
EOM	9.96	9.47	8.55	8.63	8.64	8.47	9.73	11.33	11.25	13.05	11.99	11.12

WTR YR 1995 MEAN 10.22 HIGH 8.11 DEC 24 LOW 13.73 AUG 7


344323076451301 NC-139
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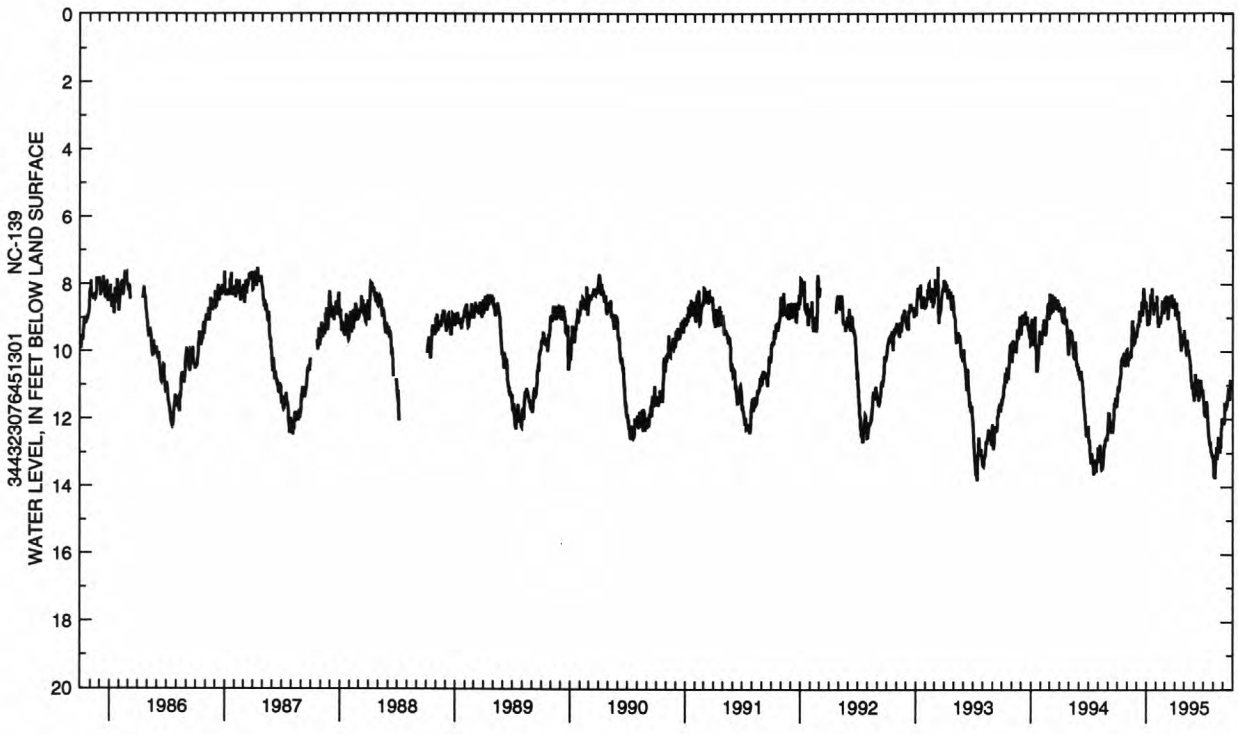
344323076451301 NC-139
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CHEROKEE COUNTY

351117083545001. Local number, NC-191.

LOCATION.--Lat 35°11'17", long 83°54'50", Hydrologic Unit 06020002, 0.6 mi north of Marble, 100 ft west of Secondary Road 1377, in Marble. Owner: Coats American Company.

AQUIFER.--Saprolite derived from schist of Precambrian age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 108.5 ft, diameter 4 in., cased to 53 ft, screened interval from 53 to 83 ft, sand filter pack from 40 to 83 ft, backfilled with saprolite from 83 to 108.5 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 1,720 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 0.45 ft above land-surface datum; revised from 1.15 ft above land surface August 1995.

REMARKS.--Well is part of terrane-effects network. Water-level measured by personnel of N.C. Department of Environment, Health, and Natural Resources Sept. 1985 to Sept. 1989.

PERIOD OF RECORD.--October 1989 to current year.

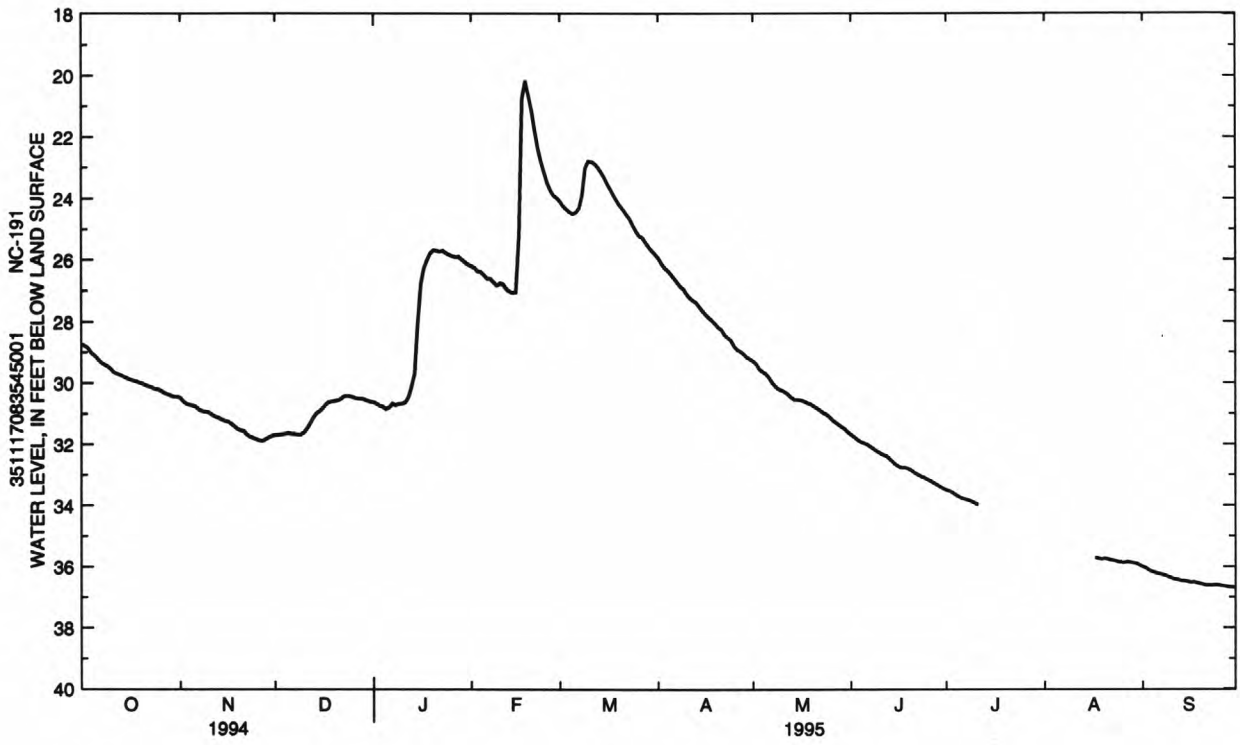
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 19.26 ft below land-surface datum, Mar. 29, 1994; lowest water level recorded, 38.41 ft below land-surface datum, Nov. 25 and 26, 1993.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	28.73	30.47	31.69	30.62	26.20	24.09	25.94	29.28	31.68	33.49	---	36.00
2	28.78	30.60	31.68	30.68	26.26	24.25	26.11	29.37	31.75	33.52	---	36.05
3	28.86	30.68	31.67	30.74	26.37	24.35	26.26	29.54	31.84	33.58	---	36.12
4	29.02	30.71	31.65	30.77	26.39	24.44	26.34	29.63	31.91	33.66	---	36.17
5	29.10	30.73	31.62	30.85	26.50	24.50	26.47	29.70	31.95	33.72	---	36.21
6	29.21	30.77	31.65	30.79	26.61	24.47	26.59	29.82	31.99	33.77	---	36.24
7	29.33	30.87	31.65	30.67	26.61	24.33	26.73	29.98	32.07	33.80	---	36.26
8	29.39	30.91	31.67	30.72	26.73	23.91	26.85	30.10	32.14	33.83	---	36.29
9	29.44	30.93	31.68	30.68	26.83	23.01	26.94	30.19	32.22	33.87	---	36.33
10	29.52	30.95	31.61	30.67	26.76	22.79	27.09	30.23	32.28	33.92	---	36.37
11	29.64	31.03	31.49	30.64	26.79	22.80	27.22	30.28	32.34	33.98	---	36.41
12	29.69	31.09	31.31	30.47	26.94	22.87	27.30	30.36	32.37	---	---	36.43
13	29.73	31.12	31.12	30.13	27.02	22.99	27.38	30.46	32.46	---	---	36.47
14	29.78	31.18	30.98	29.70	27.06	23.14	27.51	30.54	32.56	---	---	36.47
15	29.83	31.23	30.91	28.09	27.05	23.32	27.64	30.54	32.65	---	---	36.49
16	29.88	31.25	30.81	26.78	25.25	23.53	27.76	30.56	32.72	---	---	36.52
17	29.91	31.32	30.69	26.27	20.75	23.72	27.86	30.59	32.76	---	35.71	36.51
18	29.94	31.40	30.61	26.01	20.17	23.90	27.95	30.65	32.76	---	35.74	36.53
19	29.98	31.49	30.60	25.78	20.62	24.09	28.06	30.68	32.79	---	35.76	36.56
20	30.01	31.54	30.58	25.68	21.11	24.24	28.18	30.75	32.85	---	35.73	36.59
21	30.07	31.55	30.56	25.70	21.74	24.38	28.26	30.81	32.93	---	35.75	36.62
22	30.10	31.67	30.48	25.73	22.35	24.53	28.43	30.88	32.99	---	35.78	36.62
23	30.14	31.74	30.41	25.70	22.79	24.66	28.52	30.96	33.05	---	35.81	36.61
24	30.19	31.78	30.41	25.78	23.15	24.87	28.60	31.01	33.09	---	35.83	36.60
25	30.20	31.82	30.44	25.84	23.49	25.07	28.79	31.09	33.15	---	35.86	36.61
26	30.25	31.86	30.48	25.88	23.74	25.22	28.91	31.20	33.20	---	35.87	36.63
27	30.32	31.88	30.51	25.92	23.90	25.28	28.97	31.28	33.26	---	35.85	36.65
28	30.36	31.82	30.51	25.90	23.98	25.43	29.05	31.36	33.32	---	35.86	36.66
29	30.40	31.76	30.53	26.00	---	25.58	29.16	31.43	33.38	---	35.88	36.68
30	30.44	31.71	30.58	26.09	---	25.70	29.22	31.50	33.44	---	35.89	36.69
31	30.44	---	30.61	26.16	---	25.82	---	31.60	---	---	35.96	---

WTR YR 1995 MEAN 30.07 HIGH 20.17 LOW 36.69


351117083545001 NC-191
WATER LEVEL, IN FEET BELOW LAND SURFACE
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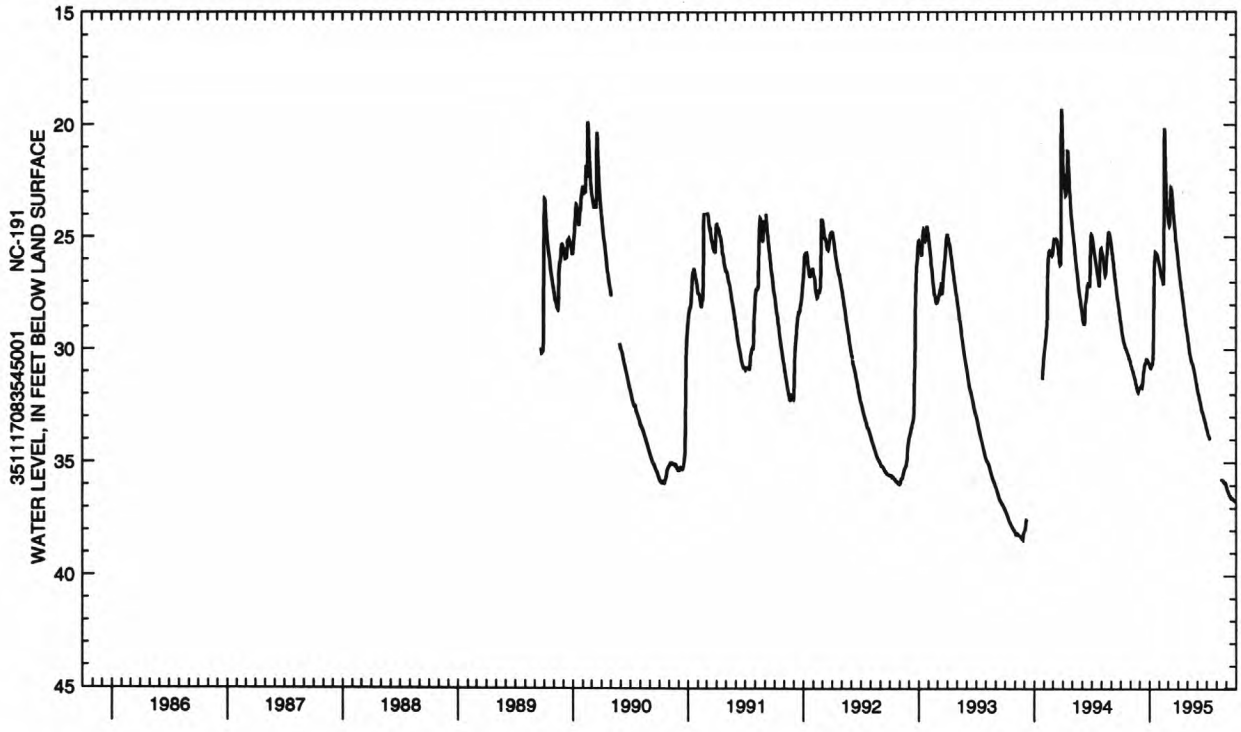
351117083545001 NC-191
WATER LEVEL, IN FEET BELOW LAND SURFACE
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CHEROKEE COUNTY--Continued

351121083545002. Local number, NC-192.

LOCATION.--Lat 35°11'21", long 83°54'50", Hydrologic Unit 06020002, 0.7 mi north of Marble, 75 ft west of Secondary Road 1377, in Marble. Owner: Coats American Company.

AQUIFER.--Saprolite derived from schist of Precambrian age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 24 ft, diameter 4 in., cased to 14 ft, screened interval from 14 to 24 ft, sand filter pack from 6 to 24 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 1,710 ft above sea level (from topographic map). Measuring point: Three saw cuts in top of casing, 3.35 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--October 1989 to current year.

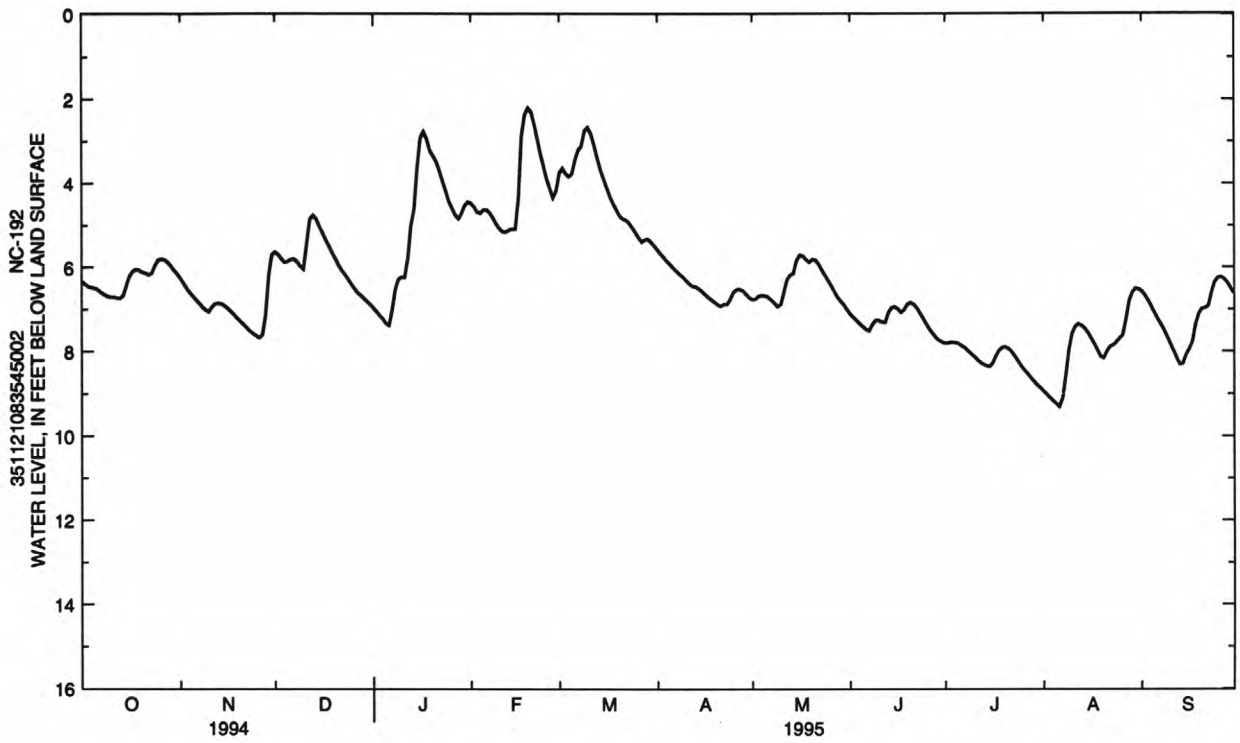
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.09 ft above land-surface datum, Mar. 28, 1993; lowest recorded, 14.44 ft below land-surface datum, Nov. 4, 5, and 6, 1993.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.34	6.25	5.63	6.96	4.47	3.74	5.58	6.76	7.11	7.81	8.94	6.57
2	6.40	6.37	5.69	7.05	4.56	3.64	5.68	6.75	7.19	7.80	9.02	6.66
3	6.46	6.49	5.79	7.14	4.69	3.76	5.77	6.68	7.26	7.78	9.10	6.79
4	6.48	6.59	5.88	7.22	4.71	3.83	5.86	6.66	7.34	7.79	9.18	6.93
5	6.49	6.68	5.86	7.32	4.63	3.76	5.93	6.67	7.41	7.81	9.25	7.08
6	6.53	6.76	5.81	7.38	4.63	3.44	6.01	6.70	7.48	7.86	9.32	7.22
7	6.59	6.85	5.80	7.03	4.71	3.20	6.09	6.77	7.51	7.91	9.12	7.35
8	6.64	6.94	5.87	6.53	4.83	3.11	6.16	6.85	7.35	7.98	8.59	7.49
9	6.68	7.01	5.97	6.29	4.97	2.74	6.22	6.93	7.26	8.05	7.96	7.65
10	6.70	7.05	6.04	6.23	5.08	2.67	6.30	6.88	7.26	8.12	7.58	7.81
11	6.70	6.94	5.44	6.24	5.15	2.82	6.38	6.59	7.30	8.19	7.41	7.98
12	6.72	6.86	4.85	5.79	5.16	3.08	6.44	6.29	7.31	8.26	7.35	8.15
13	6.73	6.85	4.76	5.02	5.11	3.39	6.46	6.18	7.08	8.31	7.39	8.30
14	6.67	6.86	4.84	4.62	5.09	3.66	6.50	6.14	6.96	8.34	7.46	8.29
15	6.43	6.91	5.02	3.64	5.09	3.89	6.56	5.84	6.94	8.36	7.56	8.08
16	6.21	6.97	5.18	2.91	4.36	4.10	6.63	5.71	6.99	8.28	7.69	7.95
17	6.09	7.05	5.34	2.77	2.89	4.31	6.70	5.73	7.07	8.11	7.82	7.77
18	6.05	7.12	5.48	2.94	2.37	4.47	6.76	5.82	7.01	7.98	7.97	7.36
19	6.06	7.20	5.64	3.21	2.21	4.63	6.82	5.88	6.88	7.91	8.13	7.10
20	6.11	7.28	5.79	3.34	2.30	4.77	6.88	5.81	6.84	7.90	8.16	6.99
21	6.13	7.35	5.94	3.48	2.56	4.84	6.92	5.83	6.88	7.94	8.00	6.97
22	6.17	7.43	6.06	3.69	2.92	4.87	6.88	5.93	6.97	8.02	7.89	6.92
23	6.14	7.51	6.16	3.93	3.27	4.94	6.88	6.06	7.09	8.13	7.85	6.59
24	5.96	7.57	6.27	4.18	3.59	5.05	6.76	6.19	7.22	8.24	7.78	6.36
25	5.83	7.62	6.39	4.42	3.88	5.17	6.59	6.32	7.35	8.35	7.69	6.25
26	5.80	7.67	6.50	4.59	4.13	5.29	6.53	6.45	7.48	8.45	7.61	6.23
27	5.82	7.60	6.59	4.75	4.34	5.39	6.52	6.58	7.58	8.54	7.22	6.28
28	5.88	7.13	6.66	4.84	4.17	5.34	6.55	6.71	7.67	8.63	6.79	6.37
29	5.96	6.17	6.73	4.72	---	5.33	6.63	6.80	7.74	8.72	6.59	6.49
30	6.06	5.70	6.81	4.52	---	5.40	6.71	6.90	7.78	8.80	6.51	6.61
31	6.15	---	6.88	4.44	---	5.49	---	7.01	---	8.87	6.52	---

WTR YR 1995 MEAN 6.33 HIGH 2.21 LOW 9.32


351121083545002 NC-192
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
2
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O
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D
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F
M
A
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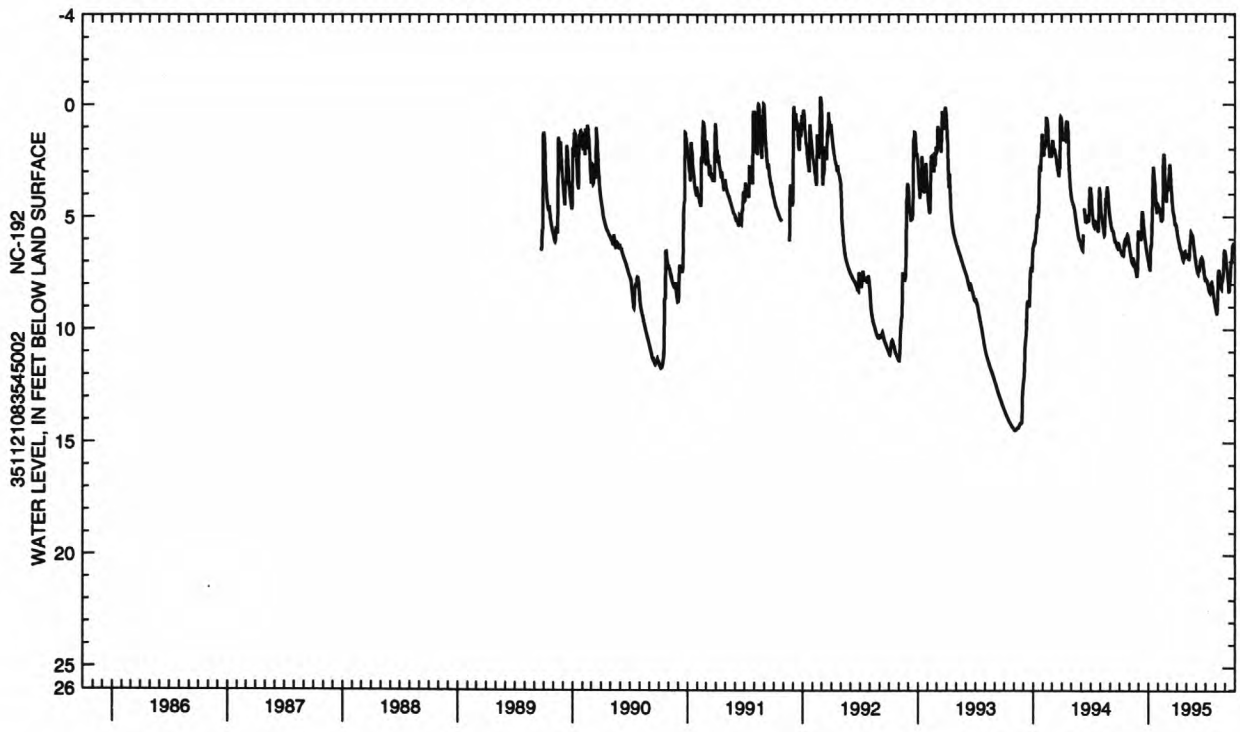
J
J
A
S
1994
1995


351121083545002 NC-192
WATER LEVEL, IN FEET BELOW LAND SURFACE
-4
0
5
10
15
20
25
26
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

COLUMBUS COUNTY

342508078360802. Local number, NC-179; USGS well CO-89; DEHNR Carver Moore Research Station well AA39v2.

LOCATION.--Lat 34°25'07", long 78°36'10", Hydrologic Unit 03040206, 6.7 mi north of Hallsboro, east of Secondary Road 1001 at abandoned school on Secondary Road 1724. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Upper Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 506 ft, diameter 4 in., cased to 496 ft, screened interval from 496 to 506 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 105.53 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.10 ft above land-surface datum.

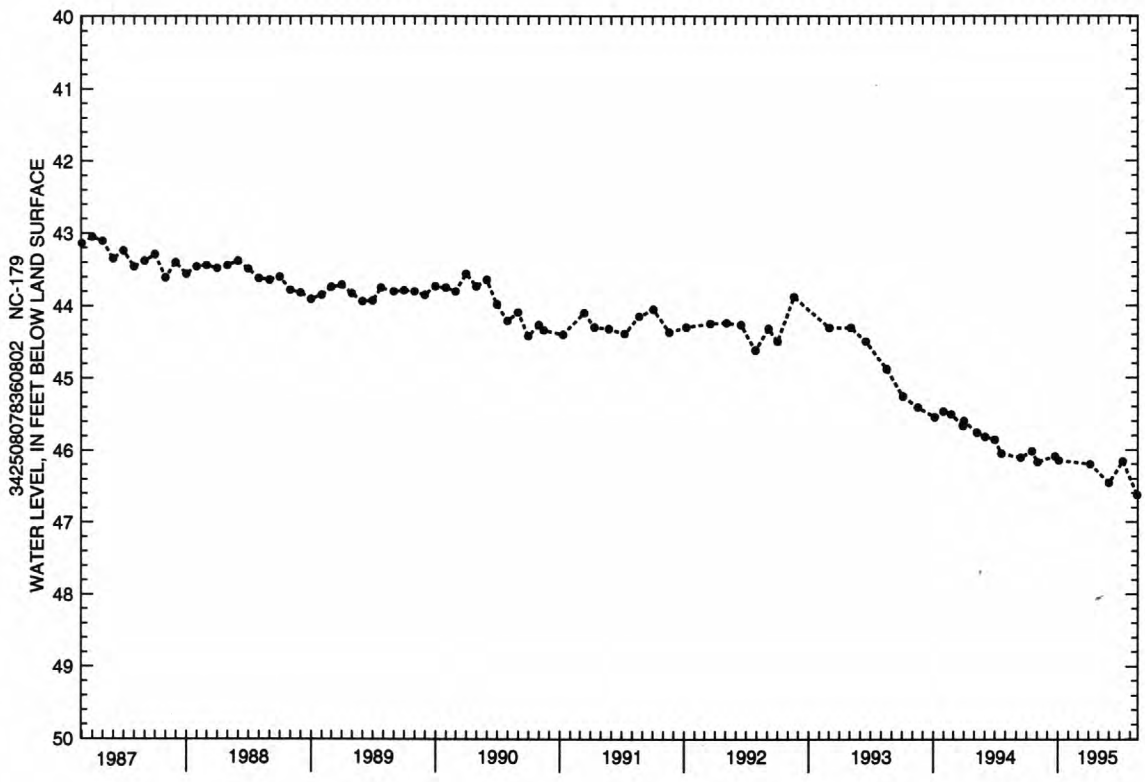
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--September 1975 to current year. Continuous record January 1987 to November 1990. Records from September 1975 to April 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 39.11 ft below land-surface datum, July 20, 1976; lowest water level measured, 46.63 ft below land-surface datum, Aug. 22, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	46.02	DEC 24	46.09	FEB 2	46.05	APR 6	46.20	JUL 11	46.16	AUG 22	46.63
NOV 3	46.17	JAN 4	46.15	MAR 21	46.04	JUN 1	46.46				


342508078360802 NC-179
WATER LEVEL, IN FEET BELOW LAND SURFACE
40
41
42
43
44
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46
47
48
49
50
1987
1988
1989
1990
1991
1992
1993
1994
1995

CRAVEN COUNTY

351049077175501. Local number, NC-44.

LOCATION.--Lat 35°10'49", long 77°17'55", Hydrologic Unit 03020202, 1.4 mi southeast of Cove City on Secondary Road 1005. Owner: City of New Bern.

AQUIFER.--Black Creek and upper Cape Fear aquifers of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 854 ft, diameter 2 in., cased to 705 ft, from 715 to 781 ft, and 786 to 828 ft; screened intervals from 705 to 715 ft, 781 to 786 ft, and 828 to 833 ft.

INSTRUMENTATION.--Beginning July 1988, measured periodically with steel tape.

DATUM.--Land-surface datum is 36.73 ft above sea level. Measuring point: Top of instrument shelf, 2.06 ft above land-surface datum.

REMARKS.--Water levels affected by pumping at nearby City of New Bern well field. Well is part of local-effects network.

PERIOD OF RECORD.--March 1965 to current year. Continuous record from March 1965 to June 1988.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.01 ft below land-surface datum, Aug. 25 and 26, 1965; lowest water level measured, 152.34 ft below land-surface datum, Aug. 15, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	143.68	JAN 6	145.30	MAR 13	143.92	MAY 31	149.03	JUL 12	140.15	AUG 15	152.34
NOV 28	140.89	JAN 30	142.08	APR 25	148.54						


351049077175501 NC-44
WATER LEVEL, IN FEET BELOW LAND SURFACE
90
100
110
120
130
140
150
160
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

CRAVEN COUNTY--Continued

351019077184103. Local number, NC-167; DEHNR Cove City Research Station well R23x3.

LOCATION.--Lat 35°10'19", long 77°18'41", Hydrologic Unit 03020202, 0.6 mi east of Secondary Road 1001 on Secondary Road 1232, and 1 mi southeast of Cove City. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Lower Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 1,000 ft, diameter 4 in., cased to 990 ft, screened interval from 990 to 1,000 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 46 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 2.24 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

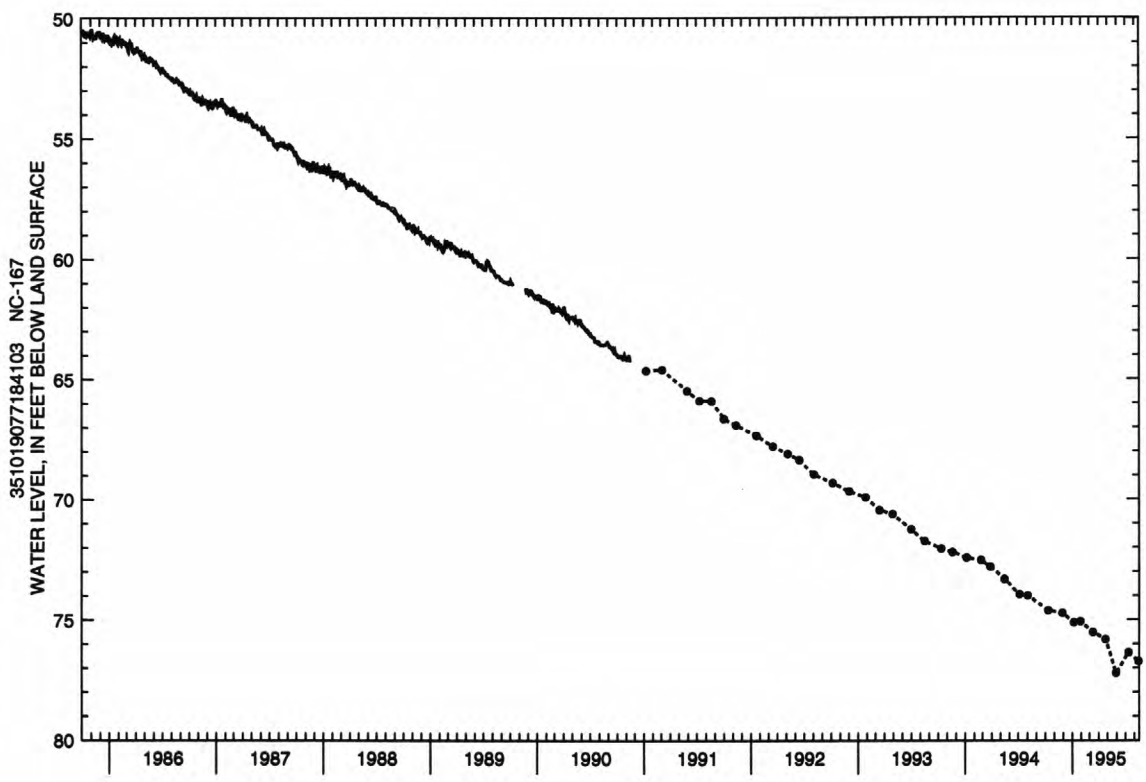
PERIOD OF RECORD.--July 1985 to current year. Continuous record July 1985 to November 1990.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 50.29 ft below land-surface datum, Sept. 27, 1985; lowest water level measured, 77.22 ft below land-surface datum, May 31, 1995.

REVISIONS.--Water-level values published in Water Resources Data, North Carolina, NC-93-2 for the 1993 water year were published in error. The water levels for the 1993 water year published in Water Resources Data, North Carolina, NC-94-2 supersede those published in Water Resources Data, North Carolina, NC-93-2.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	74.62	JAN 6	75.13	MAR 13	75.52	MAY 31	77.22	JUL 12	76.36	AUG 15	76.73
NOV 28	74.72	JAN 30	75.09	APR 25	75.82						


351019077184103 NC-167
WATER LEVEL, IN FEET BELOW LAND SURFACE
50
55
60
65
70
75
80
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

CRAVEN COUNTY--Continued

350816077101810. Local number, NC-170; DEHNR Clarks Research Station well S22j10.

LOCATION.--Lat 35°08'16", long 77°10'18", Hydrologic Unit 03020202, 0.8 mi southwest of Clarks, south of U.S. Highway 70 on Secondary Road 1225 at North Carolina Department of Transportation Rest Area. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 730 ft, diameter 4 in., cased to 716 ft, screened interval from 716 to 726 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 28.64 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 1.70 ft above land-surface datum.

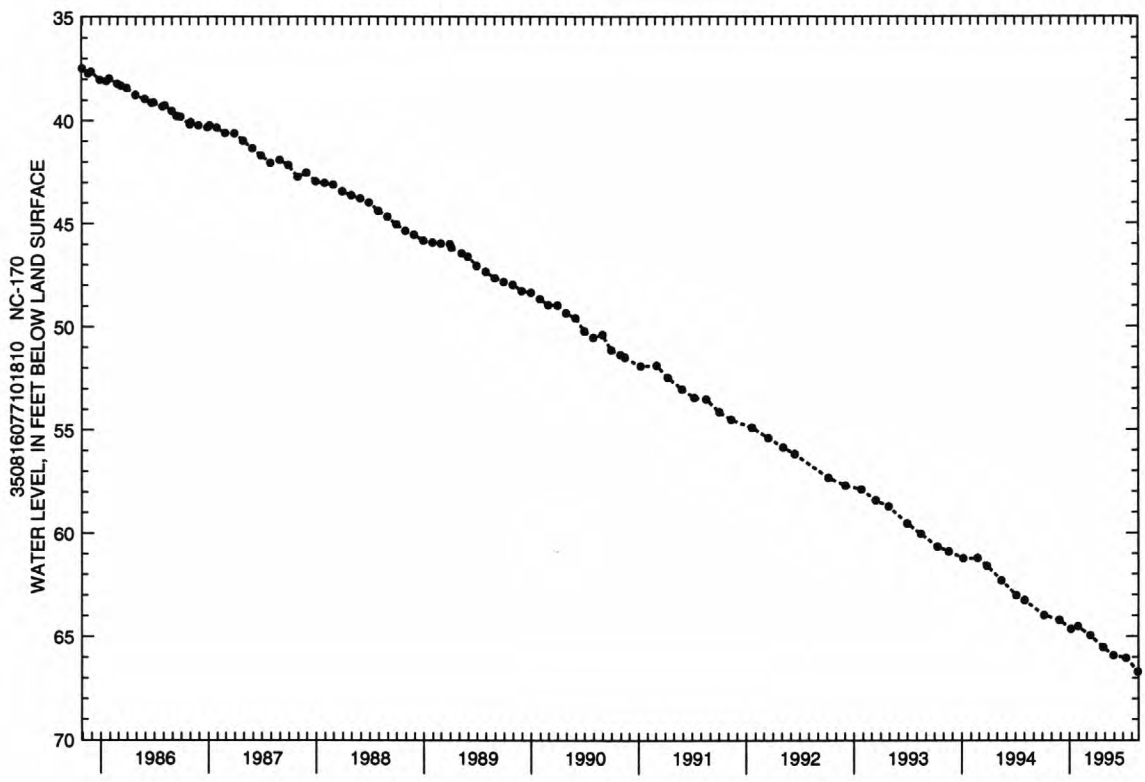
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--July 1979 to current year. Continuous record April 1984 to November 1990. Records July 1979 to November 1983 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 25.14 ft below land-surface datum, July 18, 1979; lowest water level measured, 66.71 ft below land-surface datum, Aug. 21, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	63.98	JAN 6	64.63	MAR 13	64.95	MAY 31	65.91	JUL 12	66.03	AUG 21	66.71
NOV 28	64.22	JAN 30	64.52	APR 26	65.53						


350816077101810 NC-170
WATER LEVEL, IN FEET BELOW LAND SURFACE
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50
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70
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

DAVIE COUNTY

355359080331701. Local number, NC-142.

LOCATION.--Lat 35°53'59", long 80°33'17", Hydrologic Unit 03040102, 0.5 mi northeast of Mocksville on U.S. Highway 158 at B.C. Brocks Community Center. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined weathered granite of Paleozoic age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 30.8 ft, diameter 6 in., cased to 30.8 ft, open end, backfilled with gravel from 20 to 30.8 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 835 ft above sea level (from topographic map). Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--In October 1982, well replaced nearby NC-110. Well is part of terrane-effects network.

PERIOD OF RECORD.--October 1981 to current year.

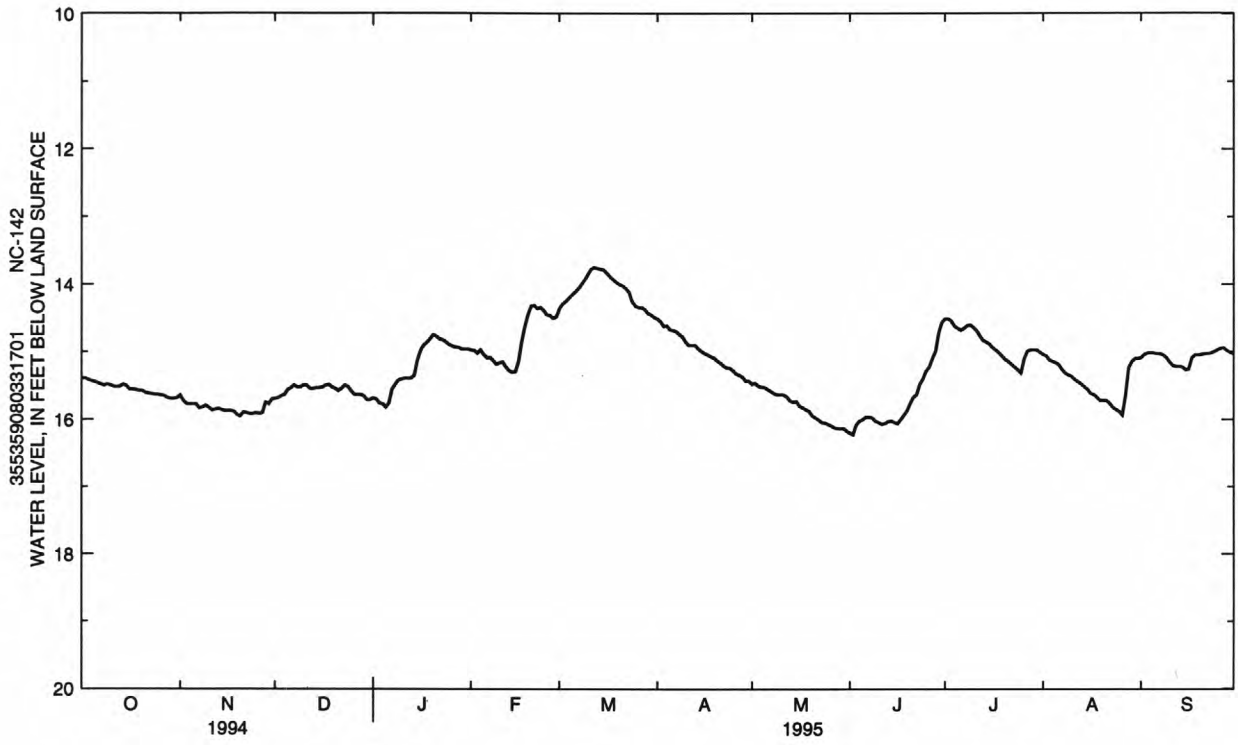
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 10.64 ft below land-surface datum, Mar. 28, 1993; lowest water level recorded, 20.98 ft below land-surface datum, Oct. 24, 25, and 26, 1981.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	15.39	15.64	15.69	15.68	14.97	14.36	14.51	15.47	16.20	14.51	15.04	15.09
2	15.39	15.72	15.68	15.70	14.98	14.29	14.55	15.46	16.22	14.51	15.06	15.04
3	15.41	15.77	15.65	15.76	15.02	14.25	14.62	15.50	16.08	14.54	15.12	15.02
4	15.43	15.77	15.63	15.77	14.97	14.20	14.61	15.52	16.02	14.62	15.14	15.02
5	15.44	15.77	15.56	15.82	15.04	14.15	14.67	15.52	16.00	14.65	15.16	15.02
6	15.46	15.77	15.53	15.76	15.09	14.11	14.68	15.55	15.96	14.68	15.19	15.03
7	15.48	15.83	15.49	15.55	15.08	14.06	14.70	15.58	15.96	14.65	15.26	15.03
8	15.49	15.82	15.52	15.48	15.13	14.00	14.74	15.61	15.97	14.61	15.31	15.05
9	15.48	15.79	15.52	15.42	15.18	13.93	14.78	15.63	16.02	14.60	15.34	15.09
10	15.49	15.82	15.49	15.40	15.16	13.85	14.85	15.63	16.04	14.64	15.36	15.15
11	15.51	15.86	15.49	15.39	15.15	13.77	14.90	15.63	16.07	14.69	15.41	15.20
12	15.51	15.85	15.54	15.39	15.22	13.75	14.90	15.66	16.06	14.76	15.44	15.21
13	15.51	15.84	15.54	15.39	15.27	13.76	14.90	15.72	16.03	14.83	15.47	15.21
14	15.48	15.85	15.53	15.35	15.30	13.77	14.95	15.74	16.02	14.85	15.51	15.22
15	15.50	15.87	15.53	15.13	15.29	13.78	14.99	15.73	16.04	14.88	15.55	15.26
16	15.55	15.87	15.52	14.98	15.14	13.83	15.02	15.80	16.06	14.93	15.61	15.25
17	15.55	15.87	15.49	14.90	14.85	13.88	15.04	15.82	16.00	14.97	15.63	15.09
18	15.56	15.88	15.48	14.86	14.62	13.93	15.07	15.85	15.93	15.01	15.67	15.05
19	15.57	15.93	15.52	14.81	14.45	13.97	15.09	15.87	15.87	15.06	15.72	15.05
20	15.57	15.95	15.54	14.75	14.32	14.00	15.13	15.94	15.76	15.11	15.72	15.04
21	15.60	15.89	15.57	14.77	14.31	14.02	15.16	15.97	15.67	15.14	15.72	15.03
22	15.61	15.90	15.54	14.81	14.36	14.06	15.20	16.00	15.63	15.18	15.76	15.03
23	15.62	15.91	15.49	14.82	14.34	14.11	15.23	16.04	15.48	15.22	15.82	15.02
24	15.63	15.91	15.51	14.85	14.39	14.25	15.23	16.05	15.40	15.26	15.85	15.00
25	15.63	15.90	15.57	14.89	14.45	14.32	15.27	16.07	15.28	15.31	15.88	14.97
26	15.64	15.91	15.63	14.91	14.46	14.34	15.32	16.09	15.22	15.11	15.93	14.95
27	15.65	15.90	15.63	14.93	14.50	14.34	15.34	16.12	15.10	14.99	15.64	14.94
28	15.68	15.75	15.63	14.93	14.48	14.37	15.37	16.13	14.99	14.97	15.23	14.98
29	15.69	15.77	15.65	14.96	---	14.43	15.43	16.13	14.72	14.97	15.14	15.01
30	15.69	15.70	15.71	14.96	---	14.45	15.43	16.13	14.56	14.97	15.10	15.03
31	15.68	---	15.71	14.96	---	14.49	---	16.17	---	15.01	15.10	---

WTR YR 1995 MEAN 15.25 HIGH 13.75 LOW 16.22


NC-142
355359080331701
WATER LEVEL, IN FEET BELOW LAND SURFACE
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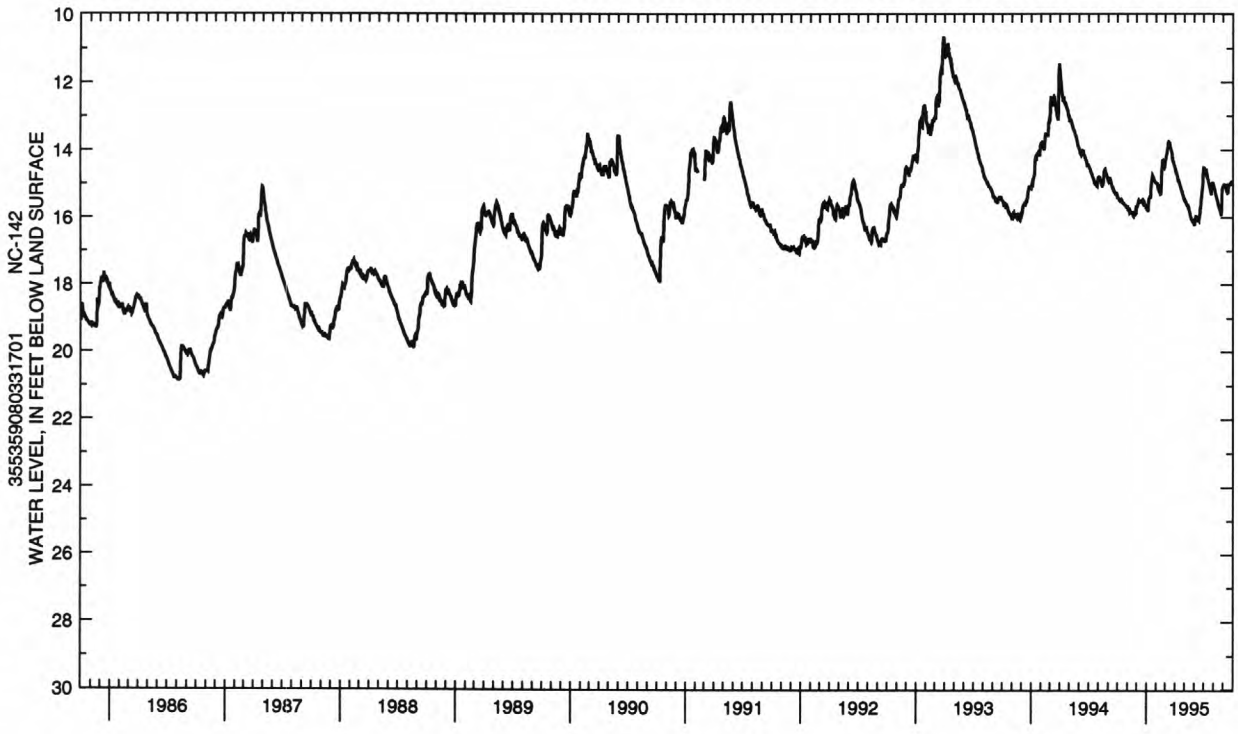
1994
1995


NC-142
355359080331701
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1986
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1994
1995

DUPLIN COUNTY

345051078012101. Local number, NC-174; DEHNR Rose Hill Research Station well V32v1.

LOCATION.--Lat 34°50'51", long 78°01'21", Hydrologic Unit 03030007, 1.5 mi north of Rose Hill at Rose Hill-Magnolia Elementary School, east of U.S. Highway 117 on Secondary Road 1911. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 98 ft, diameter 4 in., cased to 83 ft, screened interval from 83 to 98 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 85.89 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 1.74 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--March 1982 to current year. Continuous record began January 1987.

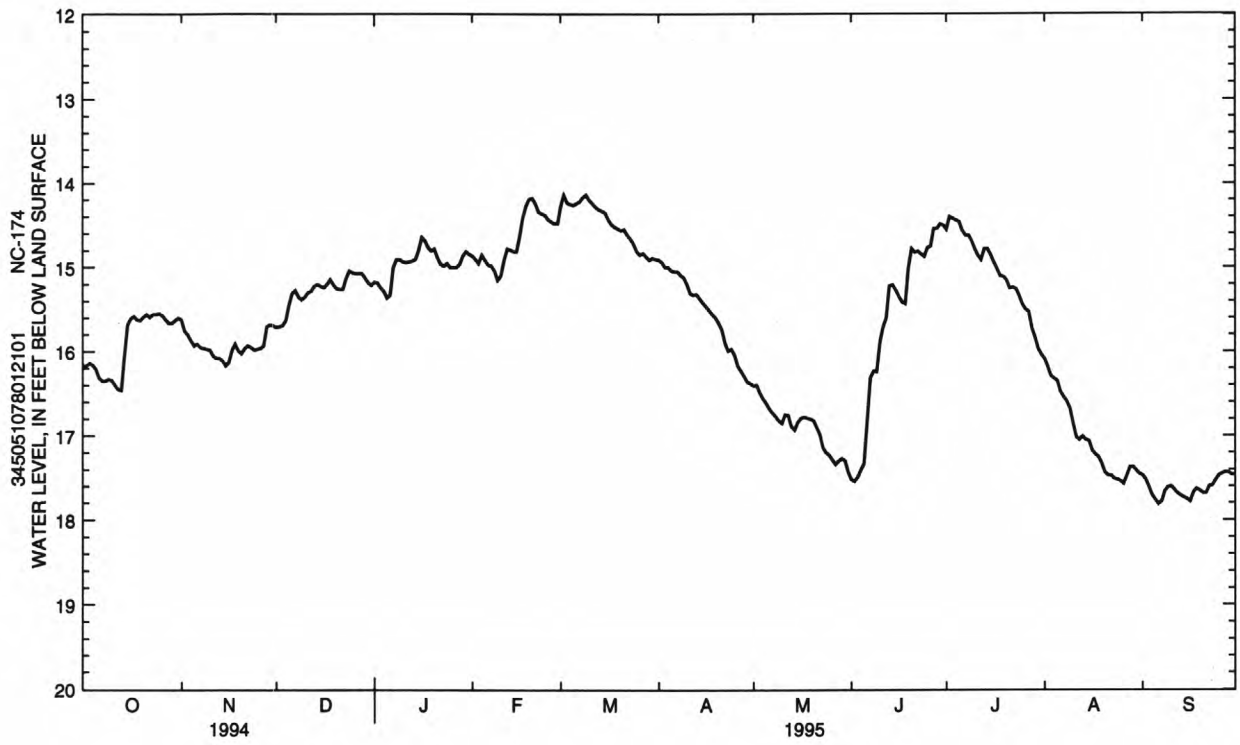
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.07 ft below land-surface datum, Jan. 9, 1993; lowest water level recorded, 19.93 ft below land-surface datum, Aug. 4 and 5, 1990.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.21	15.93	15.45	15.36	14.91	14.26	15.04	16.61	17.33	14.46	16.35	17.76
10	16.34	15.98	15.35	14.93	15.10	14.20	15.20	16.85	15.89	14.78	16.85	17.60
15	15.68	16.17	15.22	14.80	14.81	14.35	15.42	16.84	15.27	14.85	17.06	17.75
20	15.59	16.02	15.25	14.78	14.18	14.56	15.66	16.82	14.78	15.15	17.43	17.68
25	15.55	15.97	15.06	15.00	14.43	14.81	16.04	17.23	14.77	15.44	17.54	17.47
EOM	15.60	15.69	15.21	14.84	14.48	14.90	16.38	17.43	14.50	16.04	17.45	17.46

WTR YR 1995 MEAN 15.75 HIGH 14.14 MAR 2 LOW 17.81 SEP 6


345051078012101 NC-174
WATER LEVEL, IN FEET BELOW LAND SURFACE
12
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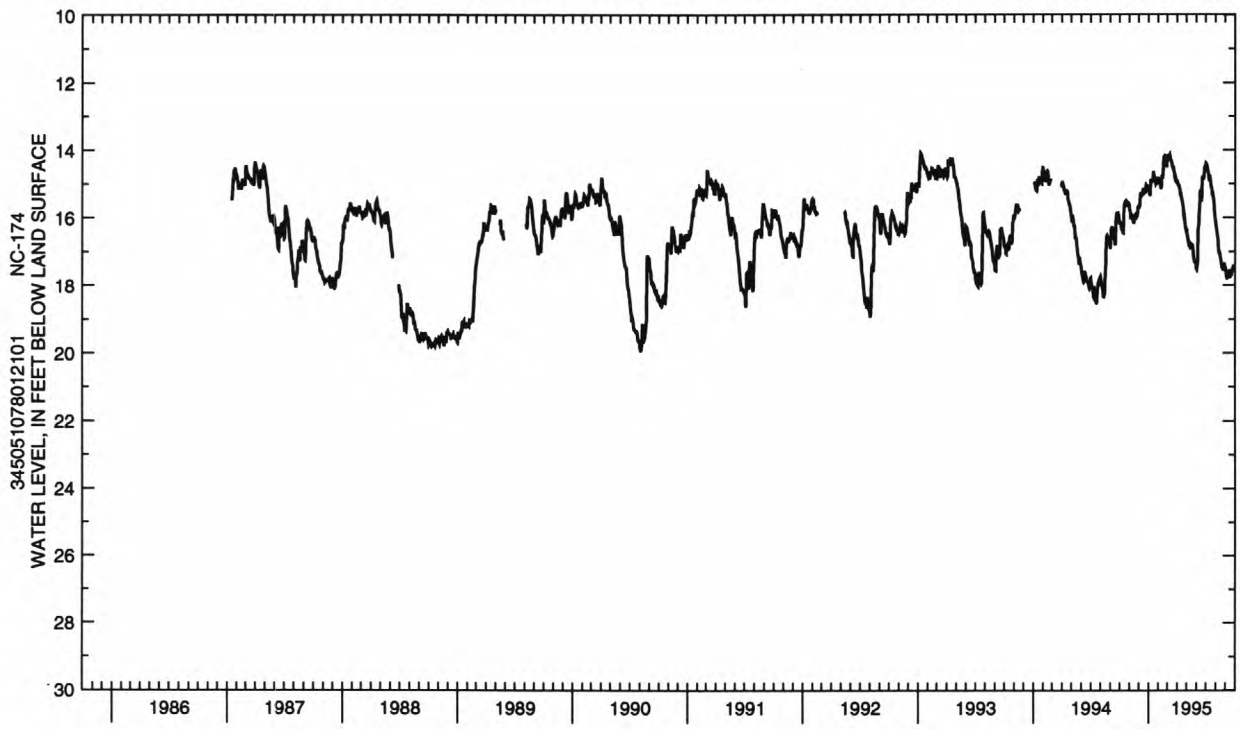
1994
1995


345051078012101 NC-174
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1986
1987
1988
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1995

GATES COUNTY

362646076361405. Local number, NC-149; DEHNR Sunbury Research Station well C15s5.

LOCATION.--Lat 36°26'46", long 76°36'14", Hydrologic Unit 03010203, in northeast section of Sunbury, east of State Highway 32 on Secondary Road 1338. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Upper Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 570 ft, diameter 4 in., cased to 555 ft, screened interval from 555 to 565 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 37.44 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 3.58 ft above land-surface datum; revised from 3.04 ft above land-surface datum, October 1987.

REMARKS.--Well is part of areal-effects network.

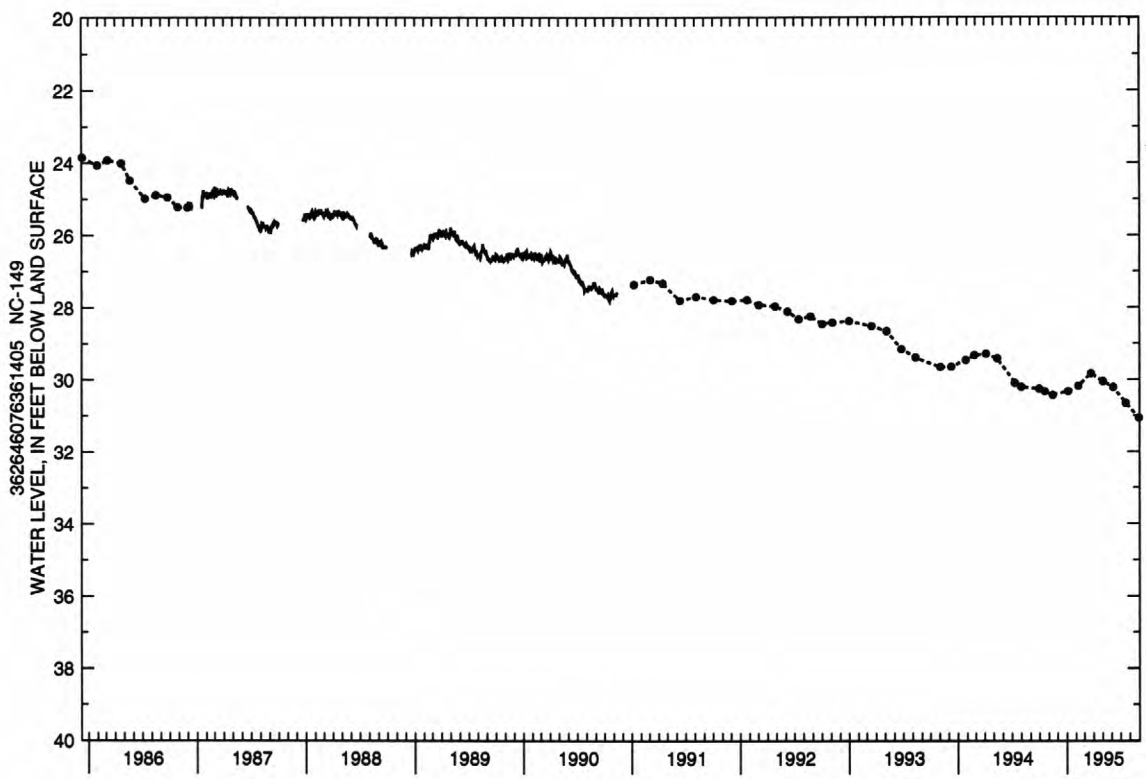
PERIOD OF RECORD.--October 1967 to current year. Continuous record November 1986 to November 1990. Records from October 1967 to September 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.37 ft below land-surface datum, Dec. 30, 1968; lowest water level measured, 31.07 ft below land-surface datum, Aug. 31, 1995.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by -0.54 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	30.33	JAN 5	30.33	MAR 23	29.84	JUN 6	30.22	JUL 18	30.66	AUG 31	31.07
NOV 14	30.44	FEB 9	30.18	MAY 3	30.06						


362646076361405 NC-149
WATER LEVEL, IN FEET BELOW LAND SURFACE
20
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1986
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1992
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HAYWOOD COUNTY

352315082484401. Local number, NC-40.

LOCATION.--Lat 35°23'15", long 82°48'44", Hydrologic Unit 06010106, 2 mi south of Cruso on U.S. Highway 276 at Camp Hope. Owner: Champion International Corporation.

AQUIFER.--Unconfined saprolite derived from muscovite-biotite gneiss of Precambrian age.

WELL CHARACTERISTICS.--Dug observation well, depth 18.5 ft, diameter 12 in., cased to 18.5 ft, open end, backfilled with gravel from 4 to 18.5 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 3,148.26 ft above sea level. Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--December 1955 to current year.

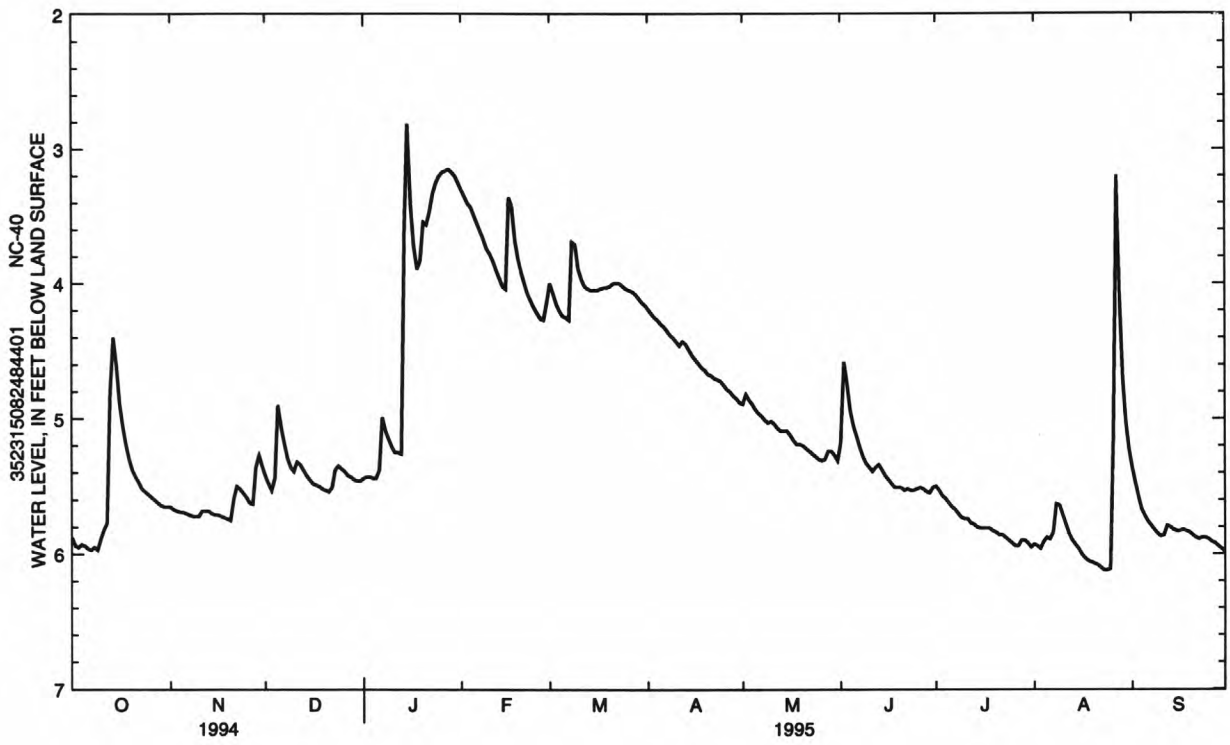
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.24 ft below land-surface datum, Mar. 12, 1977; lowest water level recorded, 6.90 ft below land-surface datum, Oct. 7, 8, and 9, 1986.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	5.88	5.65	5.42	5.44	3.30	4.00	4.19	4.89	5.18	5.50	5.93	5.36
2	5.94	5.67	5.48	5.43	3.35	4.07	4.22	4.82	4.58	5.53	5.94	5.47
3	5.95	5.68	5.53	5.43	3.40	4.15	4.25	4.86	4.74	5.57	5.96	5.58
4	5.93	5.69	5.44	5.44	3.43	4.20	4.27	4.89	4.94	5.59	5.91	5.67
5	5.94	5.69	4.90	5.44	3.49	4.24	4.30	4.93	5.05	5.62	5.88	5.72
6	5.96	5.70	5.06	5.38	3.55	4.25	4.32	4.96	5.13	5.65	5.89	5.76
7	5.97	5.71	5.18	4.99	3.61	4.27	4.35	4.98	5.21	5.67	5.84	5.79
8	5.95	5.72	5.29	5.09	3.67	3.69	4.38	5.01	5.28	5.70	5.63	5.82
9	5.97	5.72	5.36	5.15	3.74	3.71	4.40	5.03	5.33	5.73	5.64	5.85
10	5.89	5.72	5.39	5.21	3.78	3.89	4.43	5.02	5.36	5.74	5.71	5.87
11	5.82	5.68	5.32	5.25	3.83	3.97	4.46	5.04	5.39	5.74	5.78	5.86
12	5.77	5.68	5.34	5.25	3.90	4.02	4.43	5.07	5.36	5.77	5.85	5.79
13	4.80	5.68	5.38	5.26	3.96	4.04	4.45	5.09	5.34	5.78	5.90	5.80
14	4.40	5.70	5.42	3.60	4.02	4.05	4.49	5.09	5.38	5.80	5.93	5.82
15	4.61	5.71	5.45	2.81	4.04	4.05	4.53	5.09	5.42	5.81	5.96	5.83
16	4.88	5.71	5.48	3.41	3.36	4.05	4.56	5.12	5.45	5.81	6.00	5.83
17	5.06	5.72	5.49	3.72	3.43	4.04	4.59	5.16	5.48	5.81	6.03	5.82
18	5.19	5.73	5.50	3.89	3.69	4.03	4.62	5.19	5.51	5.81	6.05	5.83
19	5.30	5.74	5.52	3.83	3.82	4.03	4.64	5.19	5.51	5.83	6.06	5.84
20	5.38	5.75	5.53	3.54	3.92	4.02	4.67	5.20	5.51	5.84	6.07	5.86
21	5.43	5.59	5.54	3.56	4.00	4.00	4.68	5.22	5.53	5.86	6.08	5.88
22	5.47	5.50	5.51	3.46	4.08	4.00	4.70	5.24	5.52	5.86	6.10	5.89
23	5.52	5.52	5.38	3.33	4.13	4.00	4.71	5.26	5.53	5.88	6.12	5.88
24	5.54	5.55	5.35	3.25	4.18	4.02	4.72	5.28	5.53	5.90	6.12	5.88
25	5.56	5.58	5.37	3.20	4.22	4.04	4.75	5.30	5.52	5.92	6.11	5.89
26	5.58	5.62	5.39	3.17	4.26	4.05	4.78	5.31	5.51	5.94	5.14	5.91
27	5.60	5.63	5.42	3.16	4.27	4.06	4.80	5.30	5.52	5.94	3.20	5.92
28	5.62	5.36	5.43	3.15	4.14	4.08	4.83	5.24	5.54	5.90	4.08	5.94
29	5.64	5.27	5.45	3.17	---	4.11	4.85	5.24	5.55	5.90	4.70	5.96
30	5.65	5.35	5.46	3.20	---	4.14	4.88	5.27	5.51	5.92	5.02	5.98
31	5.65	---	5.46	3.25	---	4.16	---	5.31	---	5.95	5.22	---

WTR YR 1995 MEAN 5.08 HIGH 2.81 LOW 6.12


352315082484401 NC-40
WATER LEVEL, IN FEET BELOW LAND SURFACE
2
3
4
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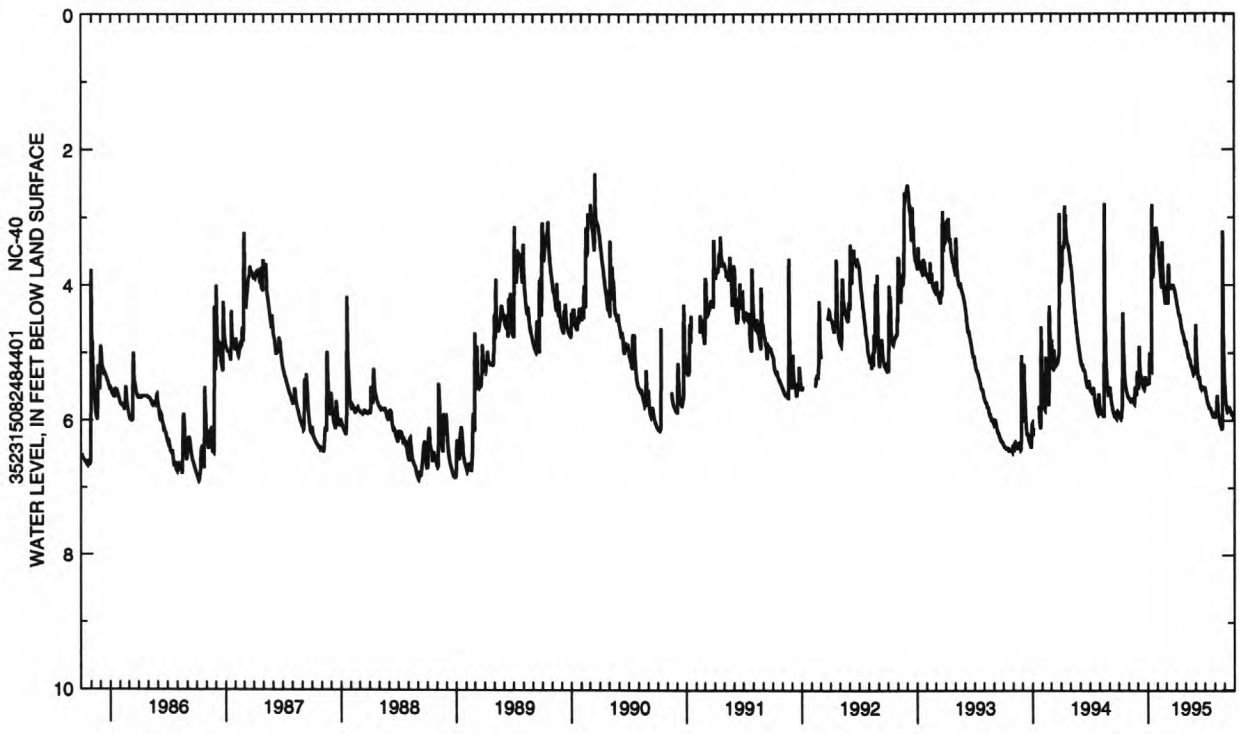
6
7
O
N
D
J
F
M
A
M
J
J
A
S
1994
1995


352315082484401 NC-40
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
2
4
6
8
10
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

HERTFORD COUNTY

362845077005501. Local number, NC-55.

LOCATION.--Lat 36°28'45", long 77°00'55", Hydrologic Unit 03010203, 1.7 mi southwest of Como, south of Secondary Road 1306 on Secondary Road 1307. Owner: Charles Deloatch.

AQUIFER.--Lower Cape Fear of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, depth 340 ft, diameter 2 in, screen depth unknown.

INSTRUMENTATION.--Measured annually with steel tape.

DATUM.--Land-surface datum is 28.40 ft above sea level. Measuring point: Top of instrument shelf, 2.79 ft above land-surface datum (since December 1975).

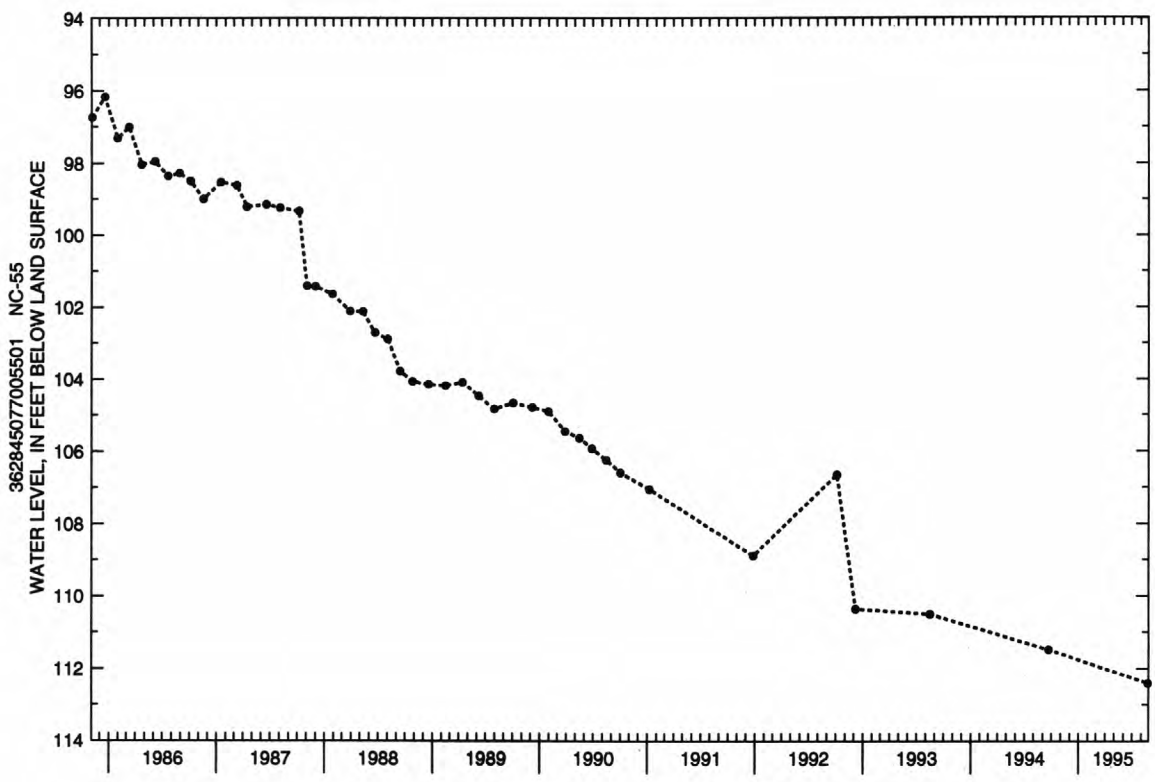
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--December 1965 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 48.36 ft below land-surface datum, May 30 and 31, 1966; lowest water level measured, 112.41 ft below land-surface datum, Aug. 24, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL
AUG 24	112.41


362845077005501 NC-55
WATER LEVEL, IN FEET BELOW LAND SURFACE
94
96
98
100
102
104
106
108
110
112
114
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

HERTFORD COUNTY--Continued

363026077001906. Local number, NC-155; DEHNR Como Research Station well B20u6.

LOCATION.--Lat 36°30'26", long 77°00'19", Hydrologic Unit 03010203, 0.5 mi northeast of Como, and northwest of U.S. Highway 258 on Secondary Road 1316. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Lower Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 818 ft, diameter 4 in., cased to 560 ft, screened interval from 560 to 570 ft, cemented from 575 to 818 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 68.83 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 3.00 ft above land-surface datum.

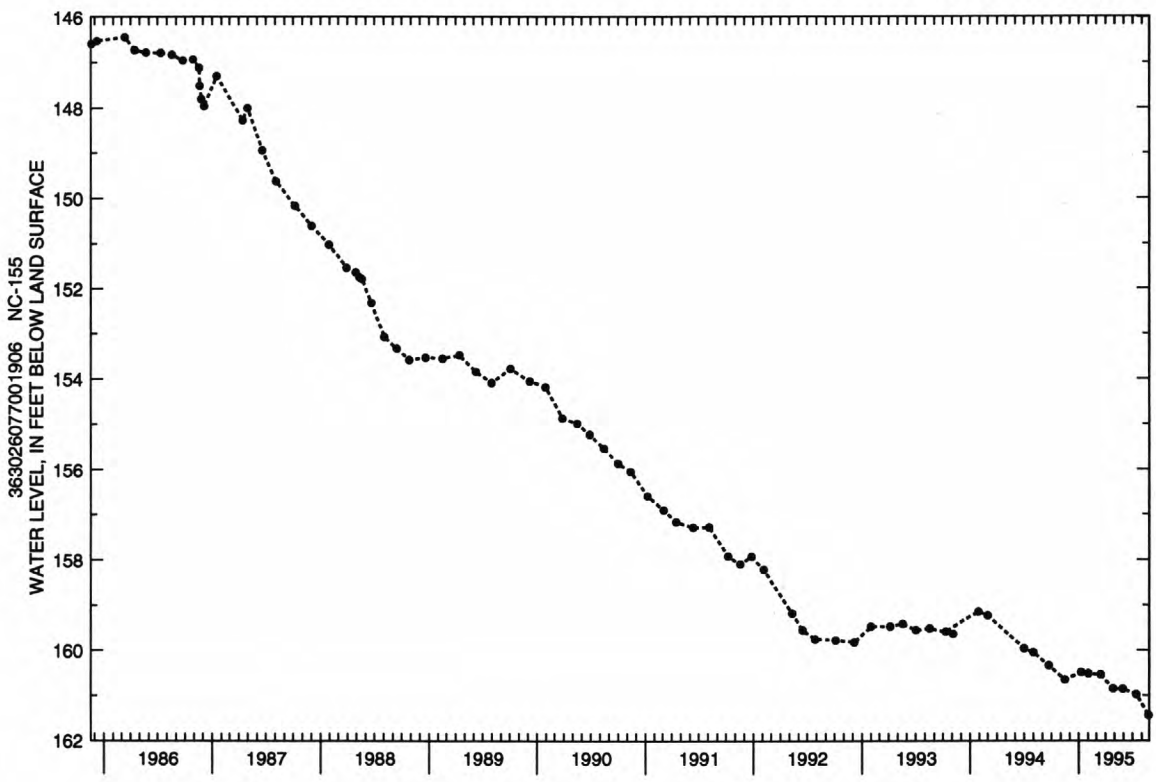
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--September 1981 to current year. Records from September 1981 to October 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 143.04 ft below land-surface datum, Feb. 9, 1983; lowest water level measured, 161.44 ft below land-surface datum, Aug. 24, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 15	160.65	FEB 2	160.52	APR 27	160.85	MAY 30	160.86	JUL 14	160.98	AUG 24	161.44
JAN 9	160.49	MAR 16	160.54								


363026077001906 NC-155
WATER LEVEL, IN FEET BELOW LAND SURFACE
146
148
150
152
154
156
158
160
162
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

HYDE COUNTY

352527076123103. Local number, NC-159; DEHNR Hydeland Research Station well O10w3.

LOCATION.--Lat 35°25'27", long 76°12'31", Hydrologic Unit 03020105, 0.7 mi east of Secondary Road 1121 on Secondary Road 1122. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 700 ft, diameter 6 in., cased to 640 ft, open hole to 700 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 3.17 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 1.58 ft above land-surface datum; revised from 1.83 ft above land-surface datum, October 1987.

REMARKS.--Well is part of areal-effects network. Negative values of water levels measured in feet below land surface indicate ground-water levels that are above land surface.

PERIOD OF RECORD.--April 1975 to current year. Continuous record November 1986 to November 1990. Records from April 1975 to July 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

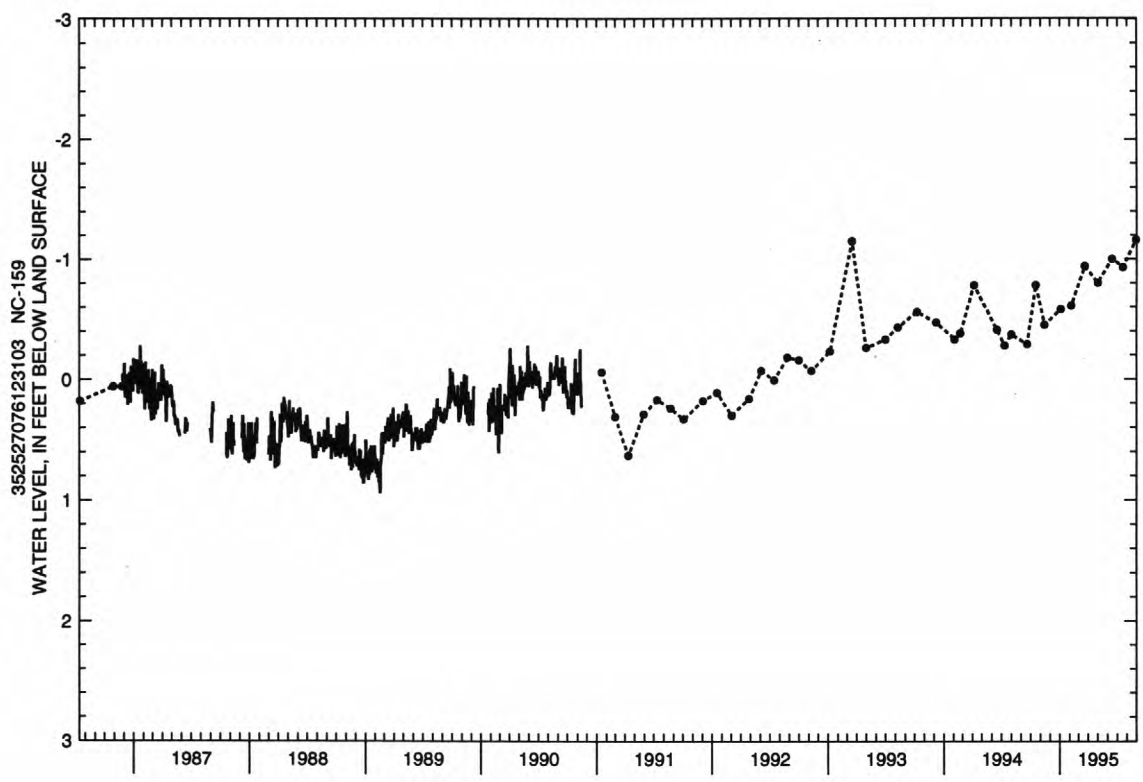
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.16 ft above land-surface datum, Aug. 29, 1995; lowest water level recorded, 1.14 ft below land-surface datum, Sept. 14, 1982.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by +0.25 ft. An incomplete table of water levels was published for the 1993 water year. Water levels for the 1993 water year published in Water Resources Data, North Carolina NC-94-2, supersede those published in Water Resources Data, North Carolina, NC-93-2.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	-0.78	JAN 4	-0.58	MAR 21	-0.94	JUN 14	-1.00	JUL 19	-0.93	AUG 29	-1.16
NOV 14	-0.45	FEB 6	-0.61	MAY 1	-0.80						

See REMARKS.


352527076123103 NC-159
WATER LEVEL, IN FEET BELOW LAND SURFACE
-3
-2
-1
0
1
2
3
1987
1988
1989
1990
1991
1992
1993
1994
1995

JONES COUNTY

345809077301404. Local number, NC-172; DEHNR Comfort Research Station well U26j4.

LOCATION.--Lat 34°58'09", long 77°30'14", Hydrologic Unit 03020204, 2.5 mi south of Comfort at North Carolina Division of Forest Resources Fire Tower on Secondary Road 1003. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 545 ft, diameter 6 in., cased to 506 ft and from 516 to 535 ft, screened intervals from 506 to 516 ft and 535 to 545 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 68 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 1.40 ft above land-surface datum.

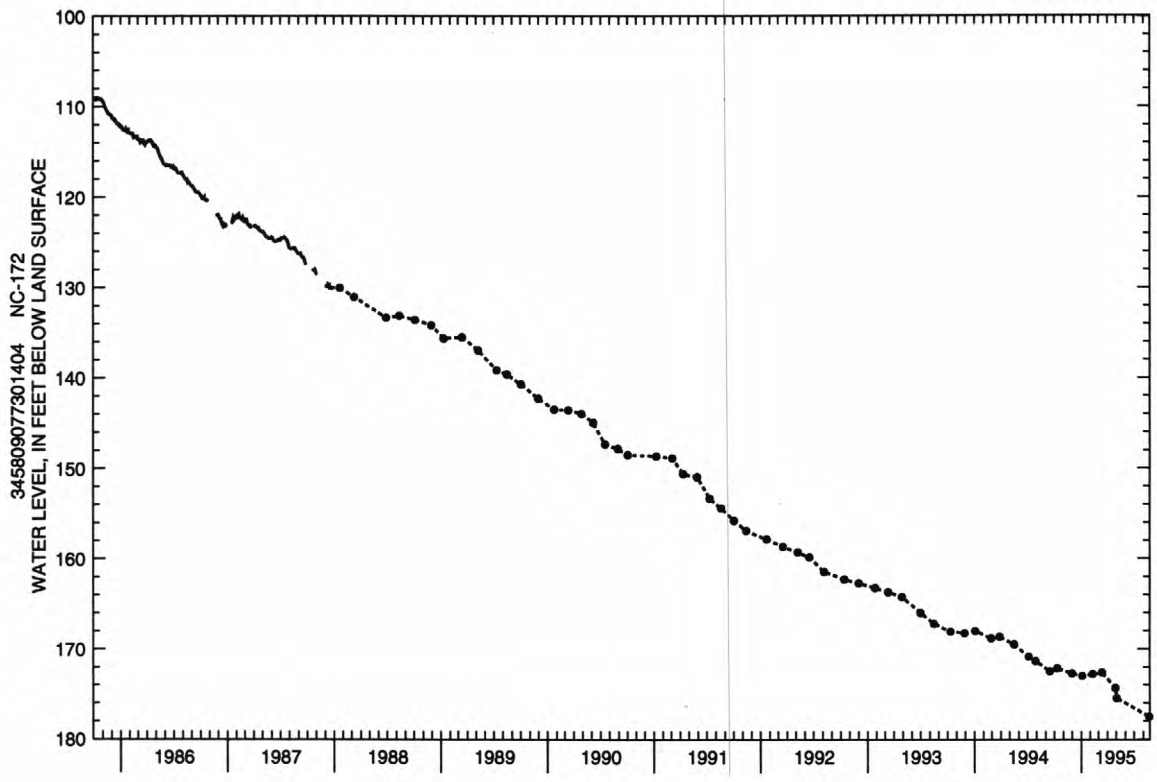
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--March 1980 to current year. Continuous record October 1983 to December 1987. Records from March 1980 to September 1983 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 67.56 ft below land-surface datum, Mar. 18, 1980; lowest water level measured, 177.52 ft below land-surface datum, Aug. 21, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	172.17	JAN 4	173.02	MAR 13	172.62	APR 28	174.36	MAY 3	175.48	AUG 21	177.52
NOV 30	172.72	FEB 9	172.80								


345809077301404 NC-172
WATER LEVEL, IN FEET BELOW LAND SURFACE
100
110
120
130
140
150
160
170
180
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

JONES COUNTY--Continued

345809077301408. Local number, NC-173; DEHNR Comfort Research Station well U26j8.

LOCATION.--Lat 34°58'09", long 77°30'14", Hydrologic Unit 03020204, 2.5 mi south of Comfort at North Carolina Division of Forest Resources Fire Tower on Secondary Road 1003. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 15 ft, diameter 4 in., cased to 5 ft, screened interval from 5 to 15 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval. Satellite telemetry installed August 1995.

DATUM.--Land-surface datum is 68 ft above sea level (from topographic map). Measuring point: Top of collar on casing, 2.35 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--January 1987 to current year.

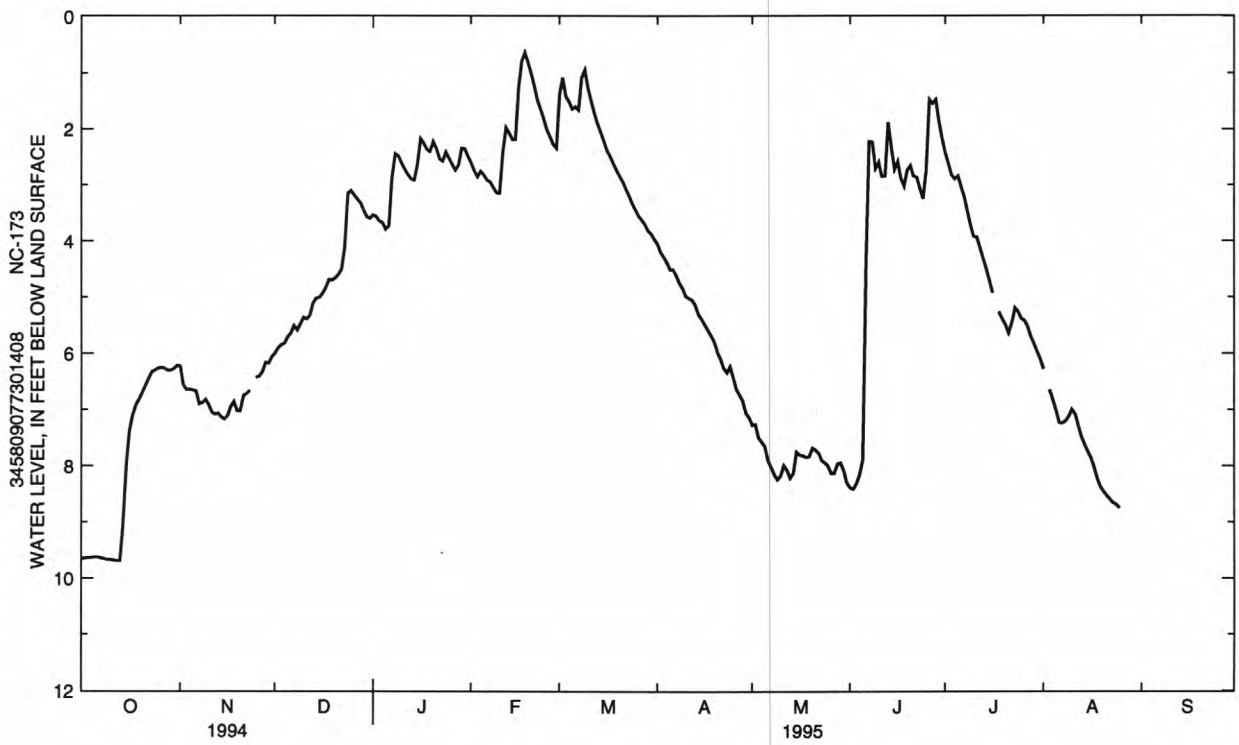
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.34 ft below land-surface datum, Aug. 14, 1991; lowest water level recorded, 9.97 ft below land-surface datum, Sept. 19, 20, 21, 1994.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.65	6.23	6.00	3.53	2.60	1.38	4.05	7.27	8.38	2.42	6.27	---
2	9.64	6.56	5.90	3.56	2.74	1.08	4.20	7.26	8.41	2.61	---	---
3	9.63	6.64	5.85	3.64	2.85	1.41	4.29	7.49	8.31	2.82	6.65	---
4	9.63	6.64	5.82	3.67	2.75	1.50	4.38	7.57	8.15	2.89	6.82	---
5	9.62	6.65	5.71	3.79	2.81	1.64	4.51	7.65	7.89	2.84	7.01	---
6	9.62	6.67	5.64	3.73	2.91	1.60	4.51	7.90	4.38	3.02	7.23	---
7	9.64	6.90	5.51	2.87	2.94	1.66	4.62	8.02	2.22	3.21	7.24	---
8	9.65	6.88	5.59	2.44	3.04	1.08	4.75	8.15	2.23	3.46	7.20	---
9	9.67	6.82	5.48	2.48	3.13	.94	4.84	8.24	2.70	3.72	7.11	---
10	9.67	6.91	5.36	2.61	3.14	1.26	4.98	8.17	2.59	3.92	6.99	---
11	9.68	7.05	5.39	2.71	2.43	1.49	5.02	7.99	2.85	3.93	7.08	---
12	9.69	7.08	5.32	2.81	1.97	1.71	5.05	8.07	2.84	4.11	7.28	---
13	9.69	7.06	5.11	2.89	2.06	1.90	5.14	8.21	1.88	4.31	7.47	---
14	9.08	7.14	5.02	2.91	2.18	2.05	5.30	8.13	2.33	4.49	7.62	---
15	7.95	7.17	5.01	2.64	2.18	2.21	5.39	7.75	2.72	4.71	7.74	---
16	7.38	7.11	4.93	2.17	1.25	2.38	5.49	7.80	2.58	4.92	7.85	---
17	7.10	6.94	4.83	2.25	.79	2.49	5.59	7.81	2.88	---	8.03	---
18	6.92	6.86	4.69	2.36	.63	2.61	5.68	7.84	3.02	5.26	8.22	---
19	6.82	7.02	4.70	2.40	.80	2.73	5.79	7.83	2.73	5.38	8.37	---
20	6.70	7.03	4.66	2.22	1.00	2.84	5.98	7.68	2.65	5.49	8.45	---
21	6.57	6.75	4.60	2.34	1.22	2.94	6.10	7.71	2.84	5.64	8.53	---
22	6.45	6.72	4.50	2.53	1.48	3.07	6.26	7.77	2.86	5.46	8.59	---
23	6.33	6.66	4.11	2.57	1.64	3.19	6.34	7.90	3.06	5.19	8.65	---
24	6.30	---	3.14	2.41	1.82	3.33	6.23	7.94	3.24	5.25	8.68	---
25	6.26	6.43	3.10	2.52	2.01	3.44	6.43	8.00	2.73	5.38	8.74	---
26	6.25	6.41	3.18	2.63	2.14	3.55	6.63	8.13	1.47	5.41	---	---
27	6.26	6.33	3.25	2.73	2.27	3.62	6.74	8.13	1.54	5.52	---	---
28	6.30	6.16	3.32	2.64	2.34	3.70	6.84	7.96	1.47	5.70	---	---
29	6.30	6.17	3.45	2.34	---	3.82	7.06	7.94	1.85	5.83	---	---
30	6.27	6.06	3.57	2.35	---	3.87	7.14	8.09	2.17	5.97	---	---
31	6.21	---	3.59	2.49	---	3.97	---	8.30	---	6.10	---	---

WTR YR 1995 MEAN 5.03 HIGH .63 LOW 9.69


345809077301408 NC-173
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
2
4
6
8
10
12
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F
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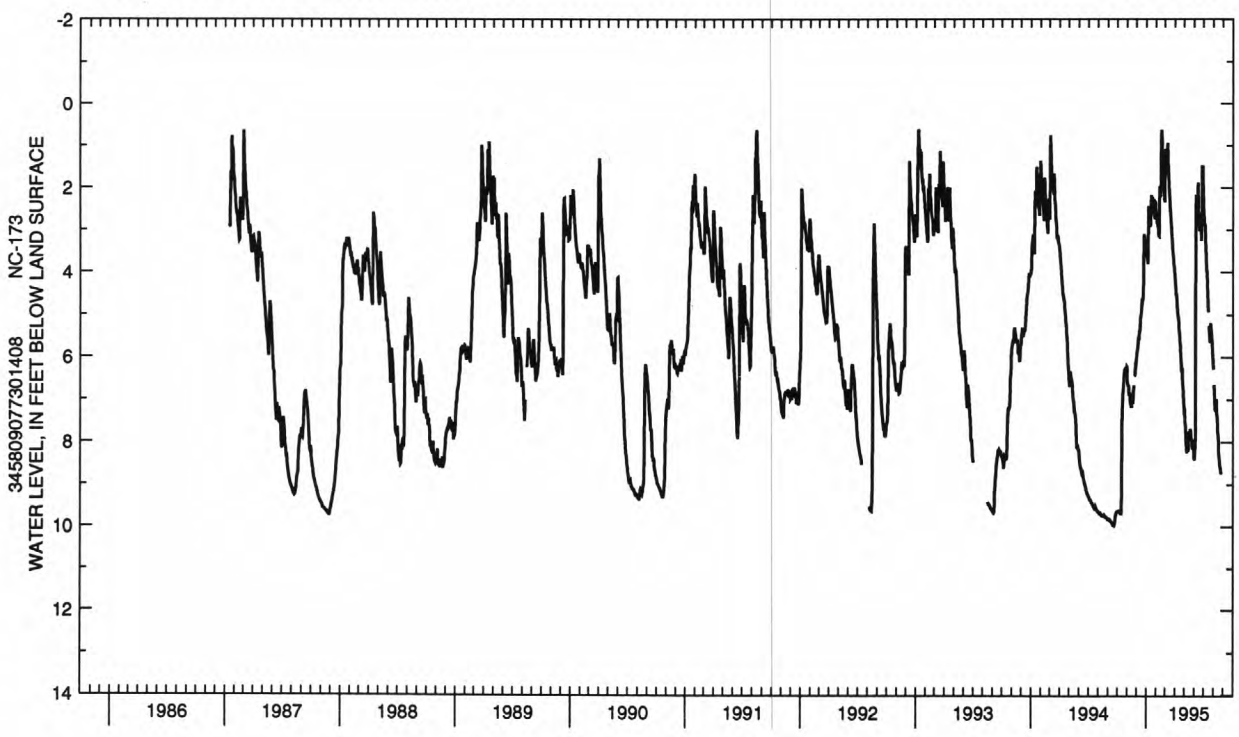
J
J
A
S
1994
1995


345809077301408 NC-173
WATER LEVEL, IN FEET BELOW LAND SURFACE
-2
0
2
4
6
8
10
12
14
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

JONES COUNTY--Continued

345809077301405. Local number, NC-187; DEHNR Comfort Research Station well U26j5.

LOCATION.--Lat 34°58'09", long 77°30'14", Hydrologic Unit 03020204, 2.5 mi south of Comfort at North Carolina Division of Forest Resources Fire Tower on Secondary Road 1003. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 284 ft, diameter 4 in., cased to 274 ft, screened interval from 274 to 284 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 68 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 1.30 ft above land-surface datum.

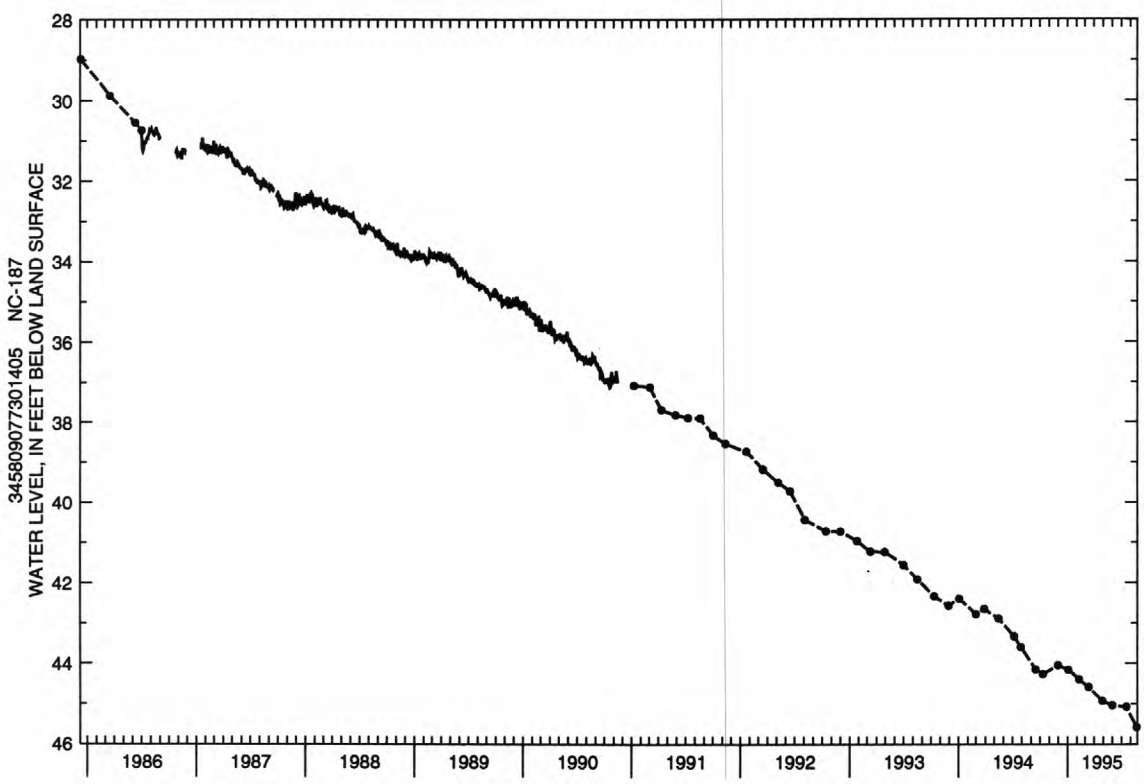
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--July 1980 to current year. Continuous record July 1986 to November 1990. Records from July 1980 to June 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 21.53 ft below land-surface datum, Oct. 29, 1980; lowest water level measured, 45.58 ft below land-surface datum, Aug. 21, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 11	44.27	JAN 4	44.16	MAR 13	44.59	MAY 31	45.04	JUL 17	45.08	AUG 21	45.58
NOV 30	44.05	FEB 9	44.40	APR 28	44.93						


345809077301405 NC-187
WATER LEVEL, IN FEET BELOW LAND SURFACE
28
30
32
34
36
38
40
42
44
46
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

LENOIR COUNTY

351600077381001. Local number, NC-128.

LOCATION.--Lat 35°15'59", long 77°37'52", Hydrologic Unit 03020202, on west edge of Kinston at intersection of U.S. Highways 70 and 258 Bypass, and U.S. Highways 70 and 258 Business. Owner: City of Kinston.

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, depth 300 ft, diameter 10 in., cased to 160 ft, screened intevals unknown.

INSTRUMENTATION.--Digital recorder with a 30-minute punch interval. Measured periodically with steel tape October 1993 to September 1994.

DATUM.--Land-surface datum is 33.5 ft above sea level. Measuring point: Top of instrument shelf, 2.10 ft above land-surface datum.

REMARKS.--Well is part of local-effects network.

PERIOD OF RECORD.--September 1968 to September 1992, October 1993 to current year.

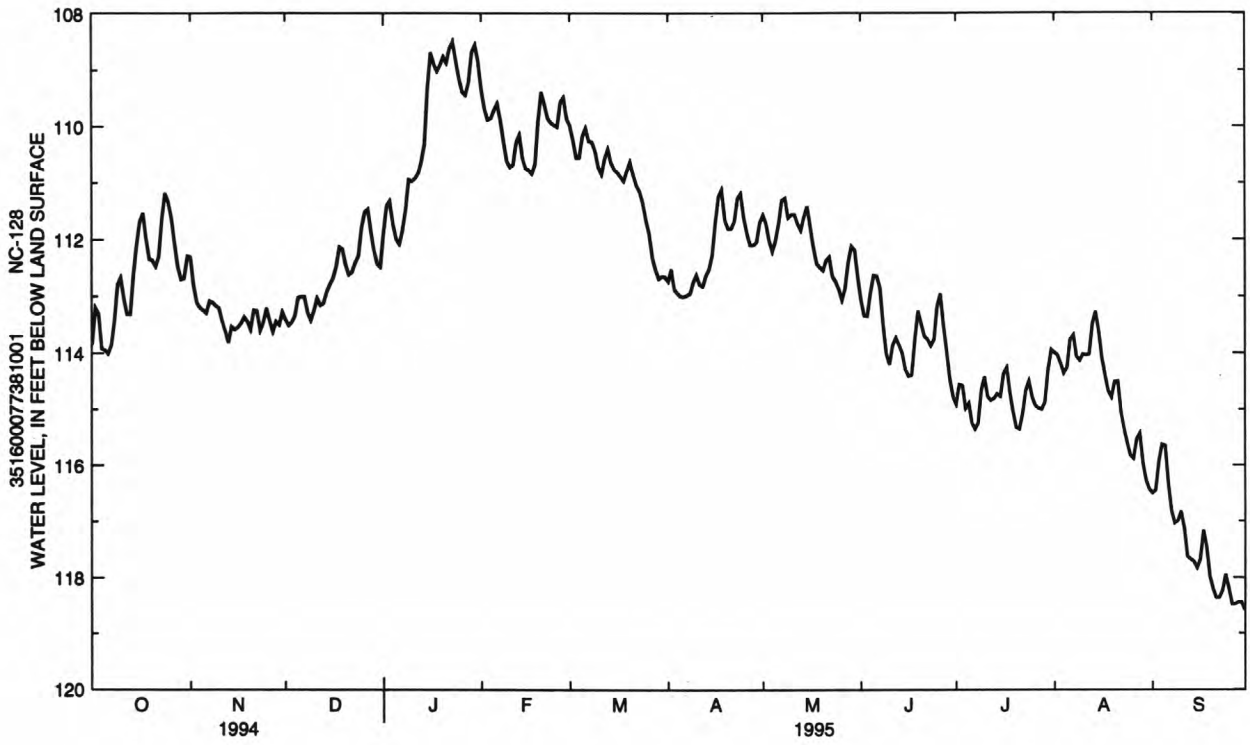
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 34.83 ft below land-surface datum, Dec. 30, 1968; lowest water level recorded 118.83 ft below land-surface datum, Sept. 30, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	113.94	113.24	113.02	111.98	109.71	110.17	113.00	112.03	112.64	114.89	114.26	115.65
10	112.67	113.20	113.24	110.97	110.72	110.72	112.63	111.56	114.20	114.43	114.02	116.83
15	112.10	113.58	112.79	109.34	110.74	110.76	112.27	111.41	114.29	114.77	113.62	117.83
20	112.36	113.58	112.45	108.76	109.39	110.63	111.81	112.55	113.49	115.32	114.51	118.20
25	111.34	113.20	111.80	109.15	110.01	111.67	111.63	112.87	113.18	114.79	115.82	118.20
EOM	112.29	113.27	112.48	108.84	109.86	112.66	111.71	112.66	114.78	113.94	116.43	118.58

WTR YR 1995 MEAN 112.89 HIGH 108.49 JAN 23 LOW 118.58 SEP 30


351600077381001 NC-128
WATER LEVEL, IN FEET BELOW LAND SURFACE
108
110
112
114
116
118
120
O
N
D
J
F
M
A
M
J
J
A
S
1994
1995


351600077381001 NC-128
WATER LEVEL, IN FEET BELOW LAND SURFACE
70
80
90
100
110
120
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

LENOIR COUNTY--Continued

351937077284201. Local number, NC-185; DEHNR Graingers Research Station well Q25d12.

LOCATION.--Lat 35°19'37", long 77°28'42", Hydrologic Unit 03020202, 1.6 mi northeast of Graingers on N.C. Highway 11 at E. I. du Pont de Nemours and Company's Kinston Plant. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 134 ft, diameter 4 in., cased to 124 ft, screened interval from 124 to 134 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 66 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 3.10 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--December 1985 to current year.

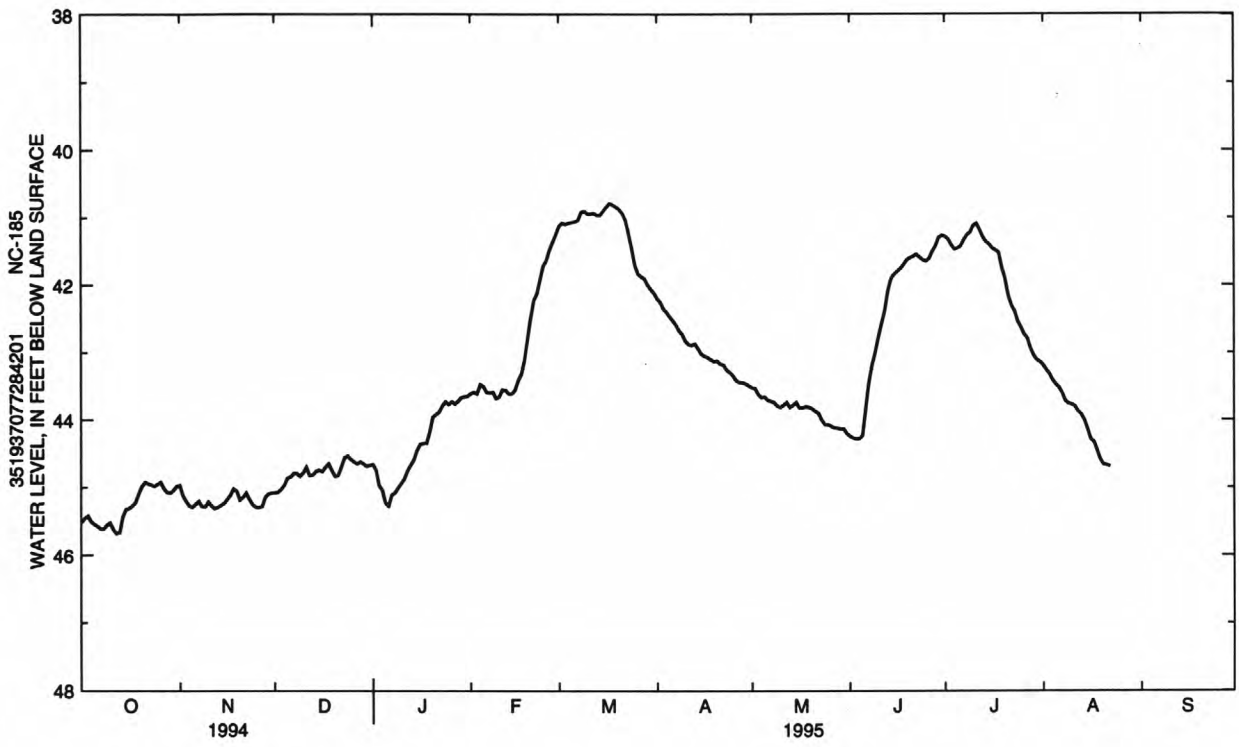
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 40.37 ft below land-surface datum, Apr. 22, 1993; lowest water level recorded, 60.61 ft below land-surface datum, July 31, 1987.

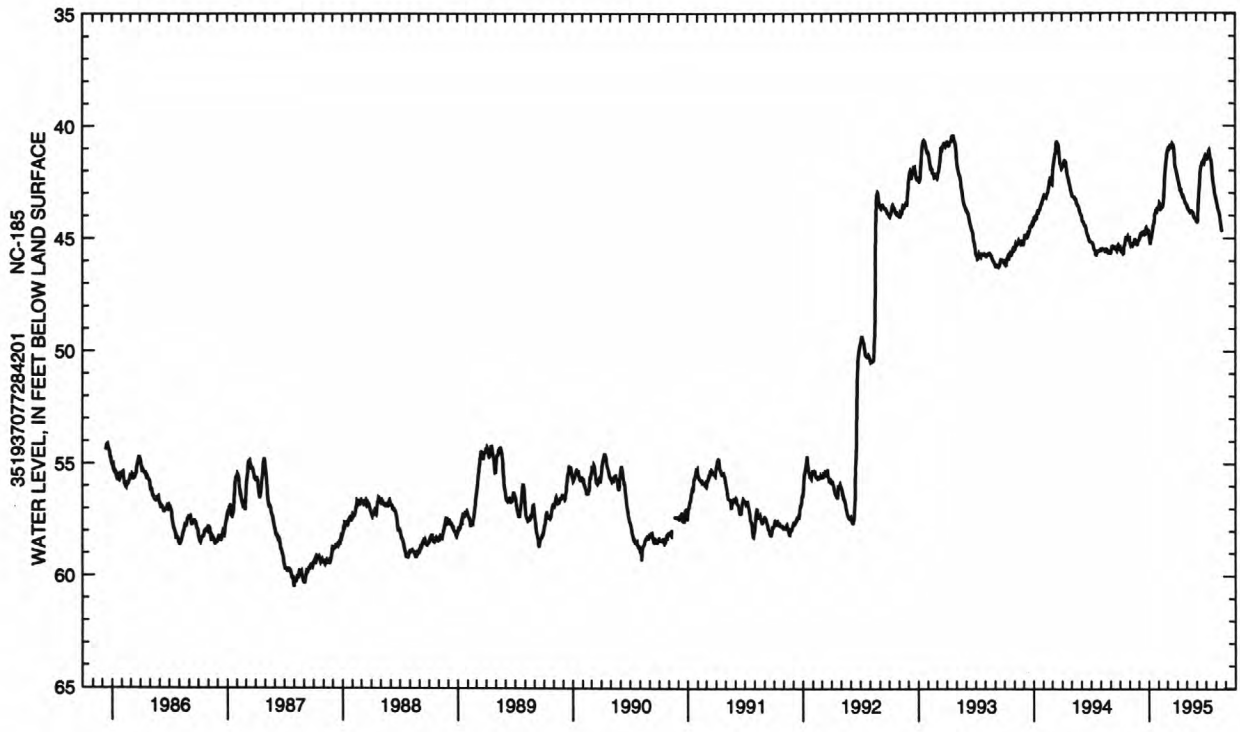
WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	45.54	45.29	44.86	45.22	43.50	41.07	42.47	43.66	44.23	41.46	43.47	---
10	45.52	45.21	44.78	44.94	43.66	40.94	42.83	43.81	42.77	41.12	43.77	---
15	45.32	45.23	44.74	44.45	43.56	40.90	43.02	43.74	41.85	41.40	44.14	---
20	44.99	45.18	44.83	43.96	42.49	40.87	43.12	43.83	41.60	41.91	44.66	---
25	44.95	45.29	44.58	43.77	41.64	41.71	43.34	44.07	41.65	42.63	---	---
EOM	44.98	45.08	44.67	43.65	41.25	42.12	43.49	44.20	41.27	43.14	---	---

WTR YR 1995 MEAN 43.52 HIGH 40.79 MAR 17 LOW 45.68 OCT 12


351937077284201 NC-185
WATER LEVEL, IN FEET BELOW LAND SURFACE
38
40
42
44
46
48
O
N
D
J
F
M
A
M
J
J
A
S
1994
1995


351937077284201 NC-185
WATER LEVEL, IN FEET BELOW LAND SURFACE
35
40
45
50
55
60
65
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

LENOIR COUNTY--Continued

351609077370605. Local number, NC-186; DEHNR Kinston Yard Research Station well Q27r5.

LOCATION.--Lat 35°16'09", long 77°37'06", Hydrologic Unit 03020202, on west edge of Kinston on U.S. Highways 70 and 258 Business at DEHNR Supply Yard. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Upper Cape Fear aquifer of late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 520 ft, diameter 6 in., cased to 480 ft, screened interval from 480 to 490 ft.

INSTRUMENTATION.-- Measured periodically with steel tape.

DATUM.--Land-surface datum is 44.03 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 1.85 ft above land-surface datum.

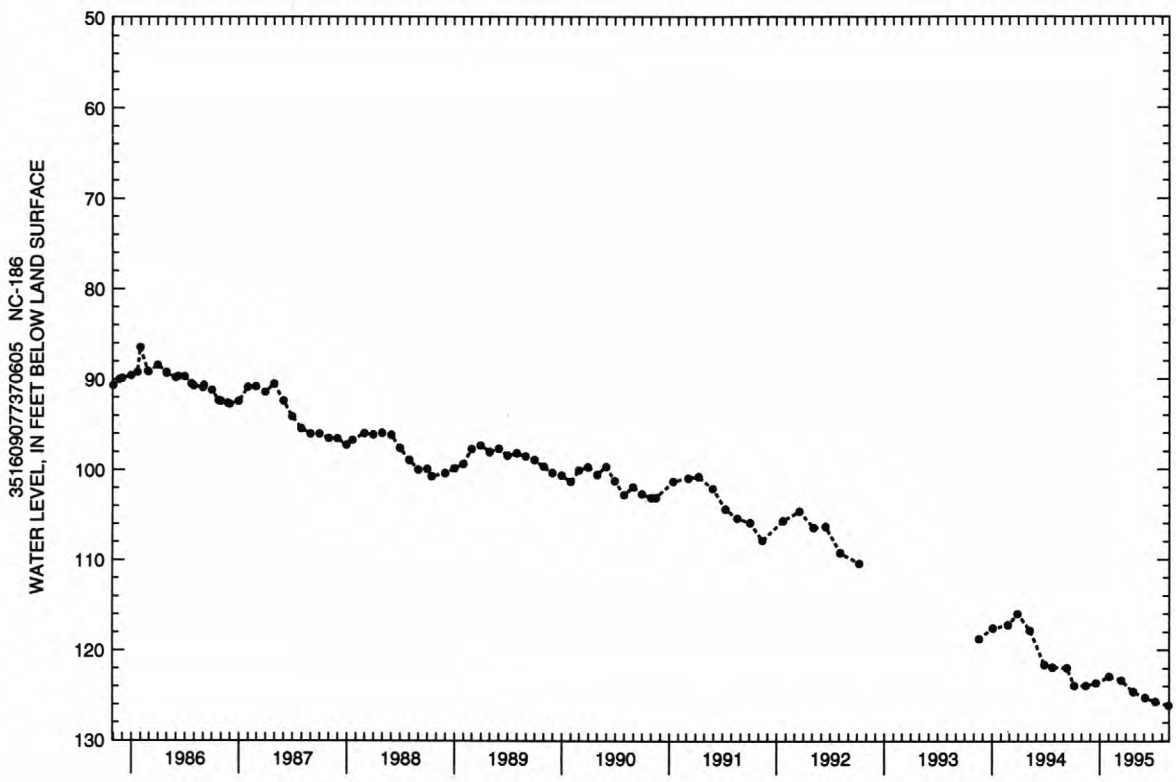
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--August 1974 to September 1992, October 1993 to current year. Continuous record August 1983 to November 1990. Records from August 1974 to July 1983 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 68.78 ft below land-surface datum, Aug. 12, 1974; lowest water level measured 126.10 ft below land-surface datum, Aug. 23, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	123.91	DEC 20	123.67	MAR 15	123.32	JUN 5	125.26	JUL 10	125.70	AUG 23	126.10
NOV 15	123.93	FEB 2	122.91	APR 26	124.62						


351609077370605 NC-186
WATER LEVEL, IN FEET BELOW LAND SURFACE
50
60
70
80
90
100
110
120
130
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

MECKLENBURG COUNTY

351730080524203. Local number, NC-146.

LOCATION.--Lat 35°19'16", long 80°52'39", Hydrologic Unit 03050101, 6 mi south of Huntersville in Hornets Nest Park. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined saprolite derived from metamorphosed quartz diorite.

WELL CHARACTERISTICS.--Drilled observation well, depth 17.1 ft, diameter 4 in., cased to 12.1 ft, screened interval from 12.1 to 17.1 ft, sand filter packed from 12.1 to 17.1 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 730 ft above sea level, from topographic map. Measuring point: Top of casing, 1.90 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--November 1984 to current year.

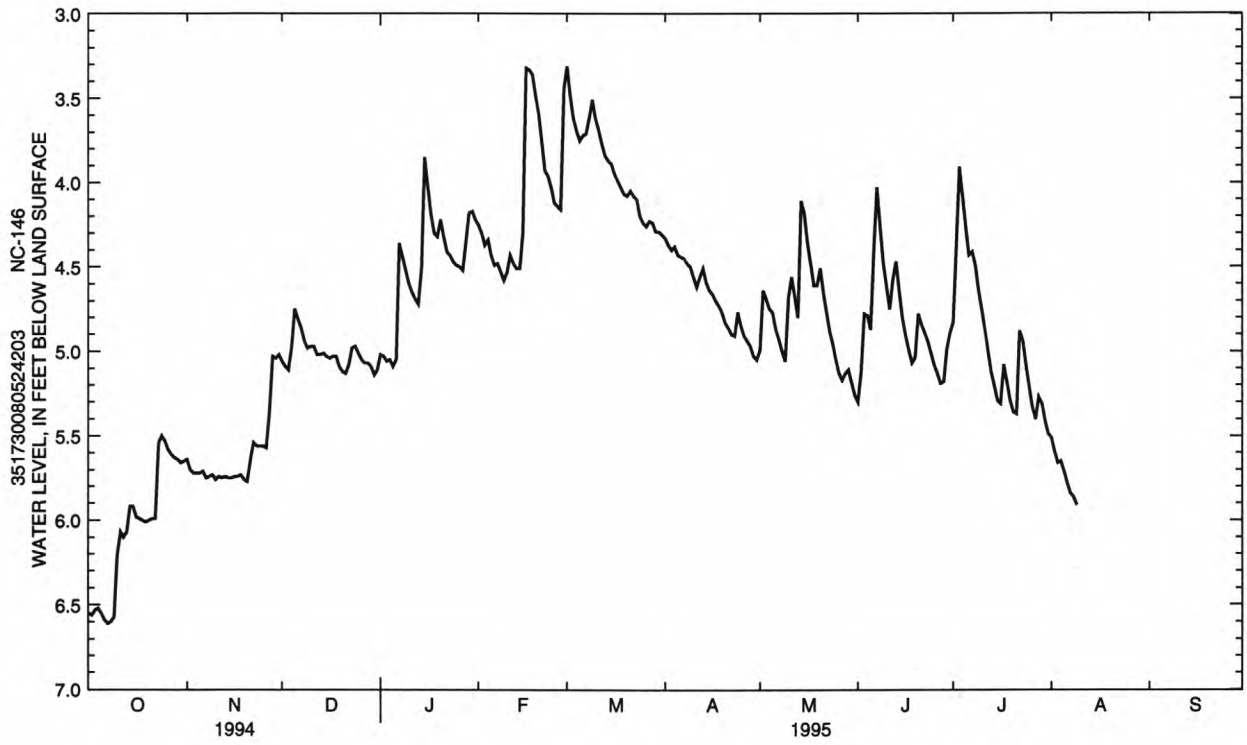
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.28 ft below land-surface datum, Mar. 24, 1993; lowest water level recorded, 7.93 ft below land-surface datum, Oct. 10 and 11, 1993.

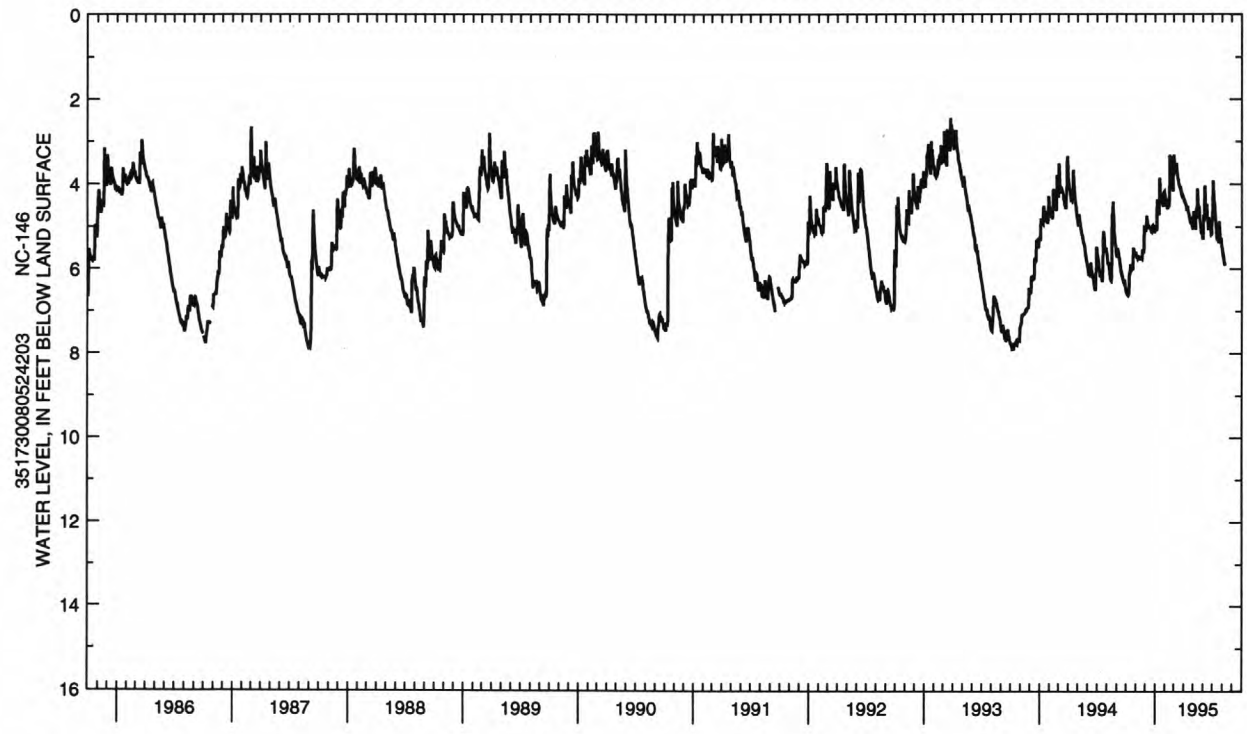
WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	6.55	5.64	5.06	5.02	4.25	3.31	4.33	4.99	5.30	4.83	5.51	---
2	6.56	5.70	5.09	5.03	4.30	3.48	4.37	4.64	5.12	4.39	5.59	---
3	6.53	5.72	5.11	5.06	4.37	3.62	4.40	4.69	4.78	3.91	5.66	---
4	6.52	5.72	4.97	5.05	4.34	3.69	4.38	4.75	4.79	4.08	5.65	---
5	6.55	5.72	4.75	5.09	4.43	3.75	4.43	4.77	4.87	4.27	5.71	---
6	6.59	5.71	4.81	5.05	4.49	3.72	4.44	4.87	4.39	4.43	5.78	---
7	6.61	5.75	4.86	4.36	4.48	3.71	4.45	4.93	4.03	4.41	5.84	---
8	6.60	5.74	4.94	4.44	4.53	3.62	4.48	5.00	4.27	4.49	5.86	---
9	6.57	5.73	4.98	4.52	4.58	3.51	4.50	5.06	4.48	4.64	5.91	---
10	6.21	5.76	4.97	4.60	4.53	3.62	4.56	4.68	4.62	4.75	---	---
11	6.07	5.74	4.97	4.65	4.43	3.69	4.62	4.56	4.75	4.87	---	---
12	6.10	5.75	5.02	4.69	4.48	3.77	4.56	4.68	4.57	4.99	---	---
13	6.07	5.74	5.02	4.72	4.51	3.84	4.51	4.80	4.47	5.12	---	---
14	5.92	5.75	5.01	4.50	4.51	3.87	4.59	4.11	4.65	5.20	---	---
15	5.92	5.75	5.03	3.85	4.30	3.89	4.64	4.18	4.80	5.29	---	---
16	5.98	5.74	5.04	4.03	3.32	3.95	4.66	4.36	4.91	5.31	---	---
17	5.99	5.74	5.03	4.19	3.33	3.99	4.70	4.48	4.99	5.08	---	---
18	6.00	5.73	5.03	4.30	3.36	4.03	4.73	4.61	5.07	5.18	---	---
19	6.01	5.76	5.09	4.32	3.48	4.07	4.77	4.61	5.04	5.29	---	---
20	6.00	5.77	5.12	4.22	3.59	4.08	4.83	4.51	4.78	5.36	---	---
21	5.99	5.64	5.13	4.32	3.75	4.05	4.86	4.65	4.84	5.37	---	---
22	5.99	5.54	5.08	4.41	3.93	4.08	4.90	4.77	4.89	4.88	---	---
23	5.54	5.56	4.98	4.43	3.96	4.10	4.91	4.88	4.94	4.94	---	---
24	5.50	5.56	4.97	4.47	4.03	4.20	4.77	4.96	5.01	5.08	---	---
25	5.53	5.56	5.01	4.49	4.12	4.24	4.85	5.05	5.08	5.21	---	---
26	5.58	5.57	5.05	4.50	4.14	4.26	4.91	5.13	5.13	5.33	---	---
27	5.61	5.35	5.07	4.52	4.16	4.23	4.94	5.17	5.19	5.40	---	---
28	5.63	5.03	5.07	4.35	3.44	4.24	4.97	5.13	5.18	5.27	---	---
29	5.64	5.04	5.09	4.18	---	4.29	5.03	5.11	4.99	5.31	---	---
30	5.66	5.02	5.14	4.17	---	4.29	5.05	5.19	4.89	5.41	---	---
31	5.65	---	5.11	4.22	---	4.31	---	5.26	---	5.49	---	---

WTR YR 1995 MEAN 4.88 HIGH 3.31 LOW 6.61


351730080524203 NC-146
WATER LEVEL, IN FEET BELOW LAND SURFACE
3.0
3.5
4.0
4.5
5.0
5.5
6.0
6.5
7.0
O
N
D
J
F
M
A
M
J
J
A
S
1994
1995


351730080524203 NC-146
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
2
4
6
8
10
12
14
16
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

MECKLENBURG COUNTY--Continued

350126080503903. Local number, Me-250.

LOCATION.--Lat 35°01'26", long 80°50'39", Hydrologic Unit 03050103, near Pineville. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined saprolite derived from felsic metavolcanic rock.

WELL CHARACTERISTICS.--Drilled observation well, depth 26.0 ft, diameter 4 in., cased 21.0 ft, screened and sand filter packed from 21.0 to 26.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 688.6 ft above sea level. Measuring point: Top of casing, 1.20 ft above land-surface datum.

REMARKS.--Well is part of the Charlotte-Mecklenburg urban hydrology study, U.S. Hwy 521 well B-1A.

PERIOD OF RECORD.--December 1984 to current year.

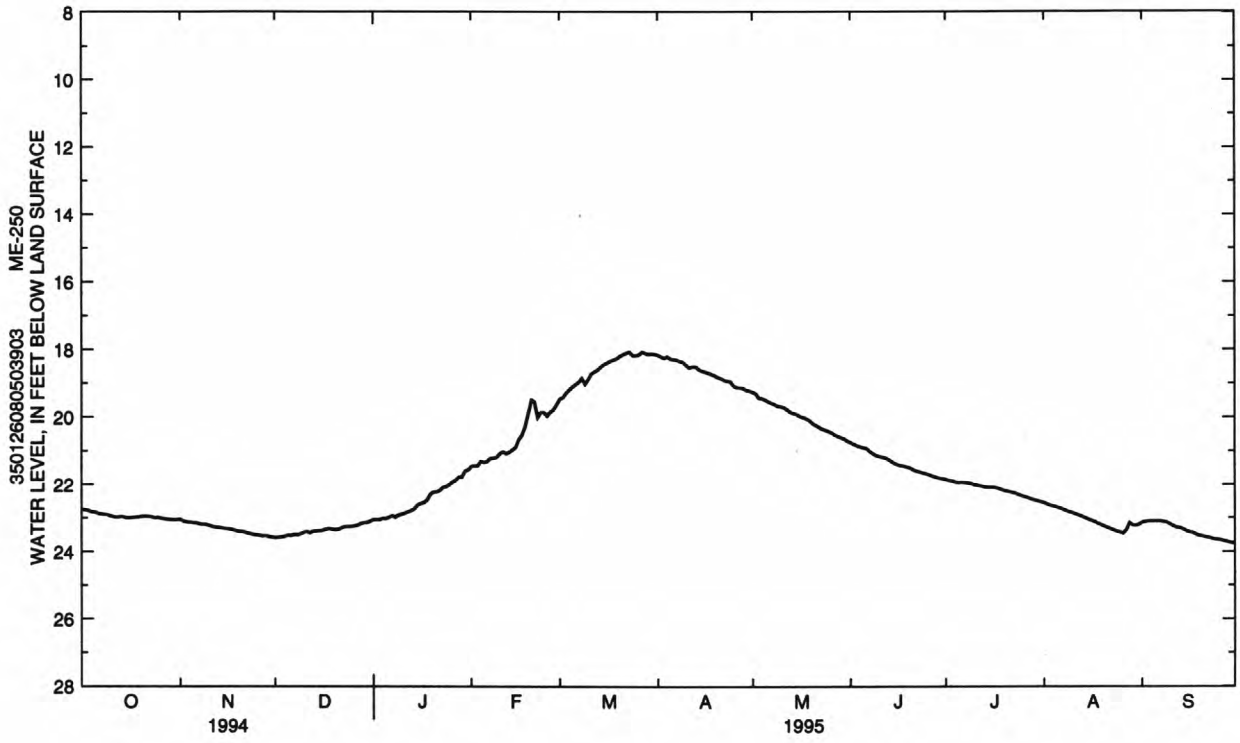
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.63 ft below land-surface datum, Apr. 10, 1993; lowest water level recorded, 25.32 ft below land-surface datum Dec. 17, 18, 19, 20, 21, 1993.

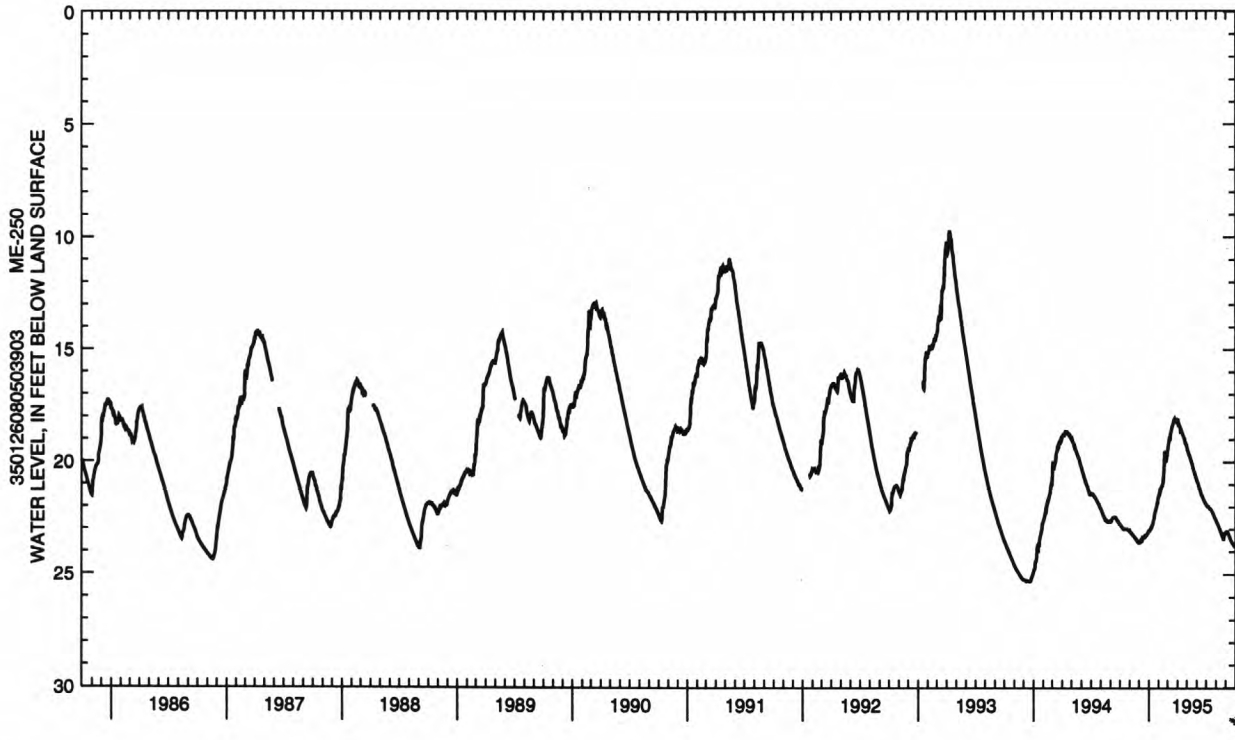
WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.83	23.14	23.52	23.03	21.35	19.11	18.28	19.49	20.91	21.95	22.68	23.10
10	22.94	23.21	23.43	22.90	21.08	18.89	18.46	19.69	21.17	22.01	22.85	23.19
15	23.00	23.31	23.38	22.62	20.90	18.44	18.64	19.93	21.39	22.09	23.04	23.39
20	22.96	23.41	23.35	22.23	19.50	18.20	18.83	20.20	21.53	22.20	23.24	23.55
25	22.99	23.50	23.25	22.01	19.97	18.18	19.08	20.43	21.69	22.34	23.43	23.65
EOM	23.05	23.57	23.10	21.57	19.63	18.15	19.23	20.72	21.83	22.52	23.20	23.76

WTR YR 1995 MEAN 21.67 HIGH 18.08 MAR 23 LOW 23.76 SEP 30


350126080503903 ME-250
WATER LEVEL, IN FEET BELOW LAND SURFACE
8
10
12
14
16
18
20
22
24
26
28
O
N
D
J
F
M
A
M
J
J
A
S
1994
1995


350126080503903 ME-250
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
5
10
15
20
25
30
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

MECKLENBURG COUNTY--Continued

351023080542703. Local number, Me-251.

LOCATION.--Lat 35°10'23", long 80°54'27", Hydrologic Unit 03050103, at York Road landfill, at Charlotte. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined saprolite derived from metamorphosed quartz diorite.

WELL CHARACTERISTICS.--Drilled observation well, depth 25.0 ft, diameter 4 in., cased to 20.0 ft, screened and sand filter packed from 20.0 to 25.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 612.42 ft (revised) above sea level (levels by City of Charlotte). Measuring point: Top of casing, 0.50 ft above land-surface datum.

REMARKS.--Well is part of the Charlotte-Mecklenburg urban hydrology study, York Road landfill well YRW-B.

PERIOD OF RECORD.--October 1984 to September 1995 (discontinued).

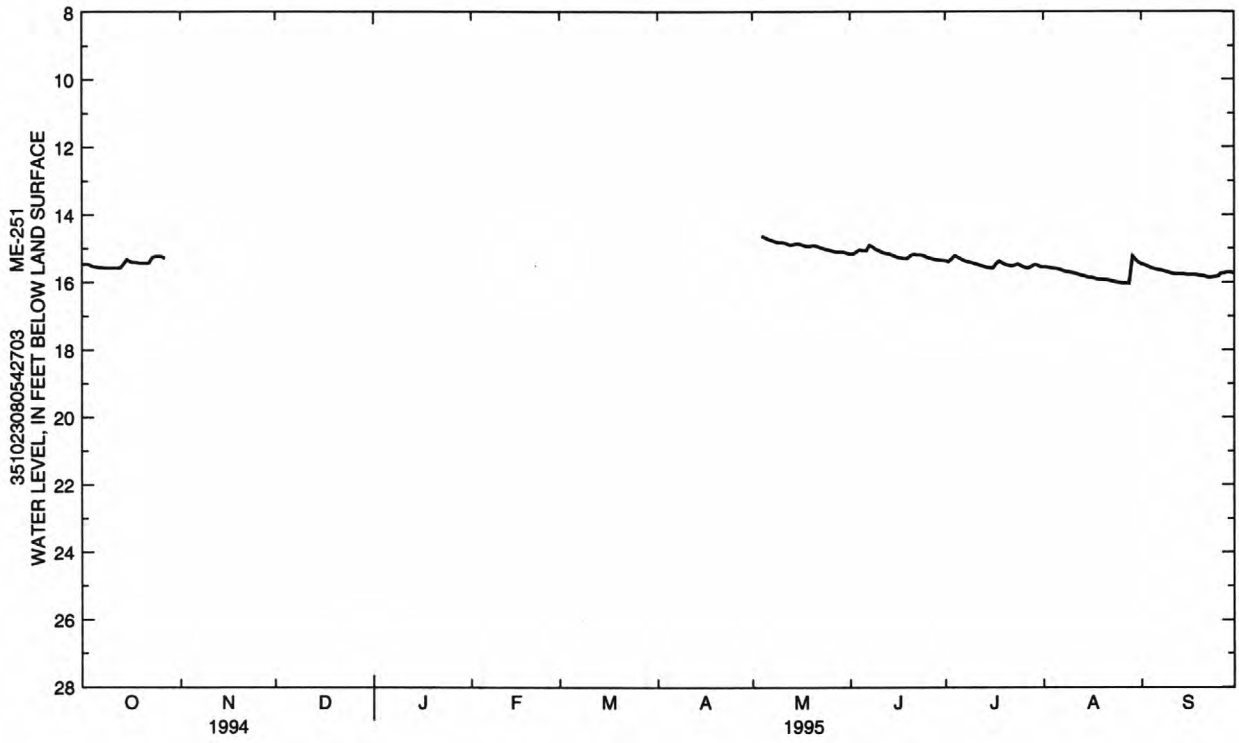
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.87 ft below land-surface datum, Mar. 24, 1993; lowest water level recorded, 16.49 ft below land-surface datum, Oct. 7, 1986.

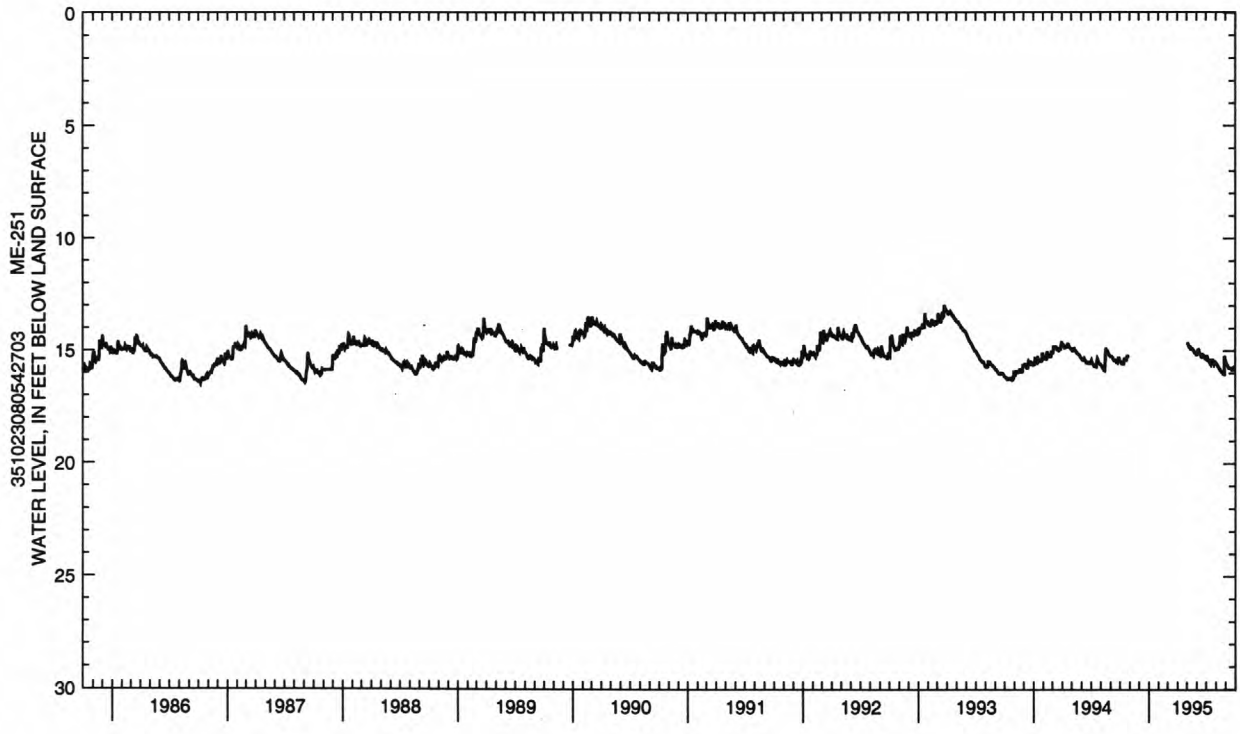
WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.54	---	---	---	---	---	---	14.67	15.07	15.26	15.60	15.61
10	15.58	---	---	---	---	---	---	14.82	15.06	15.44	15.72	15.73
15	15.32	---	---	---	---	---	---	14.85	15.22	15.57	15.85	15.78
20	15.42	---	---	---	---	---	---	14.91	15.20	15.48	15.92	15.81
25	15.23	---	---	---	---	---	---	15.04	15.25	15.52	16.01	15.83
EOM	---	---	---	---	---	---	---	15.14	15.35	15.55	15.41	15.74

WTR YR 1995 MEAN 15.42 HIGH 14.63 MAY 4 LOW 16.03 AUG 26


351023080542703 ME-251
WATER LEVEL, IN FEET BELOW LAND SURFACE
8
10
12
14
16
18
20
22
24
26
28
O
N
D
J
F
M
A
M
J
J
A
S
1994
1995


351023080542703 ME-251
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
5
10
15
20
25
30
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

MECKLENBURG COUNTY--Continued

351331080411603. Local number, Me-252.

LOCATION.--Lat 35°13'31", long 80°41'16", Hydrologic Unit 03050103, at Harrisburg Road landfill, near Mint Hill. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined saprolite derived from metamorphosed quartz diorite.

WELL CHARACTERISTICS.--Drilled observation well, depth 57.6 ft, diameter 4 in., cased to 52.6 ft, screened and sand filter packed from 52.6 to 57.6 ft. Due to landfill operations, land-surface elevation at this site increased in 1990 and as a result, well depth increased. See datum corrections and remarks below.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval Nov. 1984 through July 9, 1990, and Dec. 10, 1990, to present. Measured periodically with steel tape during interruption of continuous record, July 9, 1990 to Dec. 10, 1990.

DATUM.--Land-surface datum is 780.6 ft above sea level from Dec. 10, 1990, to present; was 756.3 ft from Nov. 1984 to July 9, 1990. Land-surface datum changed many times during the period from July 9 to Dec. 10, 1990, as a result of landfill activities. Measuring point: Top of casing, 1.50 ft above land-surface datum Nov. 1984 through July 9, 1990, and 1.40 ft from Dec. 10, 1990, to present.

REMARKS.--Well is part of the Charlotte-Mecklenburg landfill hydrology study, Harrisburg Road landfill well HBW 2101-A. Continuous record was interrupted July 9, 1990, when recorder was removed for landfill operations. Continuous record resumed Dec. 10, 1990. Land-surface datum at this site has increased as the landfill has been filled. Use extremes for period of record with care, noting datum changes as described above. In this report, hydrographs of water-level data from this well are shown in feet above sea level to compensate for changes in land-surface datum.

PERIOD OF RECORD.--November 1984 to December 1995 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.80 ft below land-surface datum, May 10, 1990; lowest water level recorded, 46.16 ft below land-surface datum, March 1, 1992.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	43.79	44.04	---	---	---	---	43.13	44.07	44.62	44.82	45.16	45.55
10	43.85	44.05	---	---	---	---	43.26	44.10	44.65	44.83	45.24	45.38
15	43.83	44.23	---	---	---	---	43.44	44.17	44.66	44.85	45.34	45.36
20	43.80	44.40	---	---	---	---	43.57	44.25	44.72	44.91	45.46	45.28
25	43.84	44.46	---	---	---	---	43.75	44.44	44.73	44.98	45.53	45.23
EOM	43.86	44.53	---	---	---	43.02	43.91	44.52	44.77	45.09	45.59	45.15

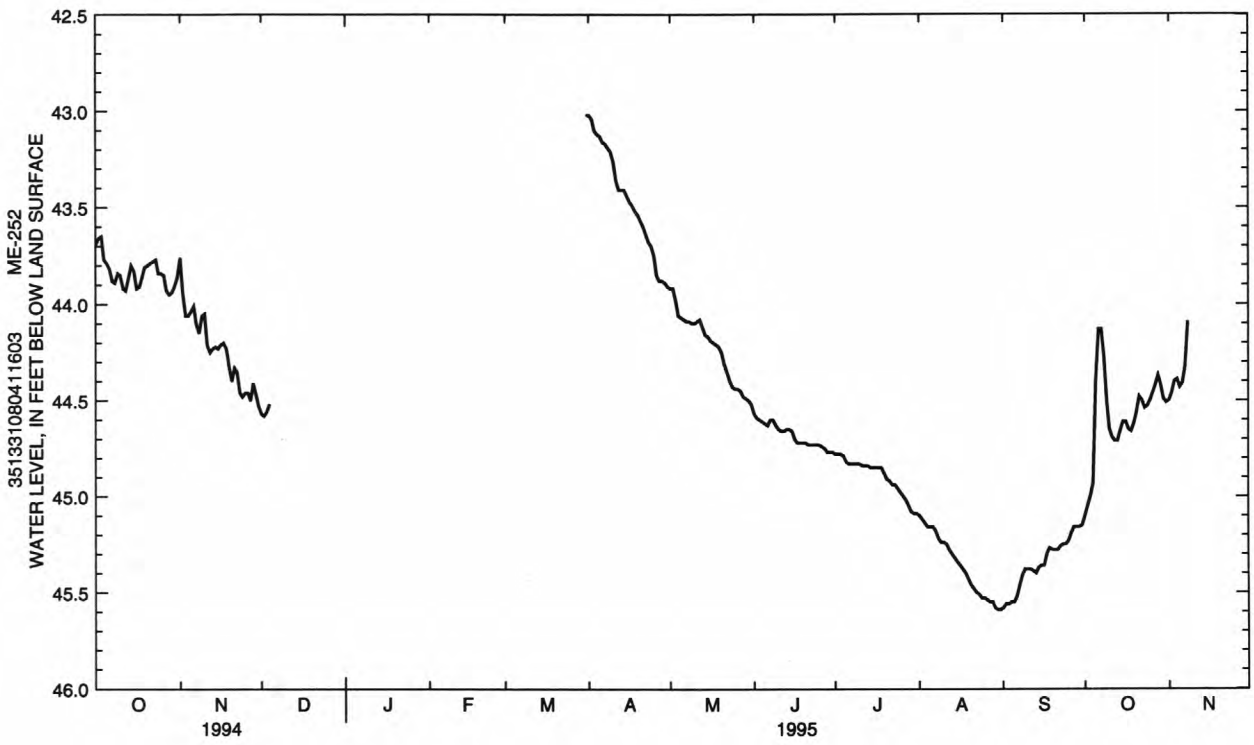
WTR YR 1995 MEAN 44.50 HIGH 43.02 MAR 31 LOW 45.59 AUG 30

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, PERIOD OCTOBER 1995 TO NOVEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	44.40	44.43	---	---	---	---	---	---	---	---	---	---
10	44.65	---	---	---	---	---	---	---	---	---	---	---
15	44.61	---	---	---	---	---	---	---	---	---	---	---
20	44.56	---	---	---	---	---	---	---	---	---	---	---
25	44.50	---	---	---	---	---	---	---	---	---	---	---
EOM	44.51	---	---	---	---	---	---	---	---	---	---	---

MEAN 44.53 HIGH 44.09 NOV 8 LOW 45.10 OCT 1


ME-252
351331080411603
WATER LEVEL, IN FEET BELOW LAND SURFACE
42.5
43.0
43.5
44.0
44.5
45.0
45.5
46.0
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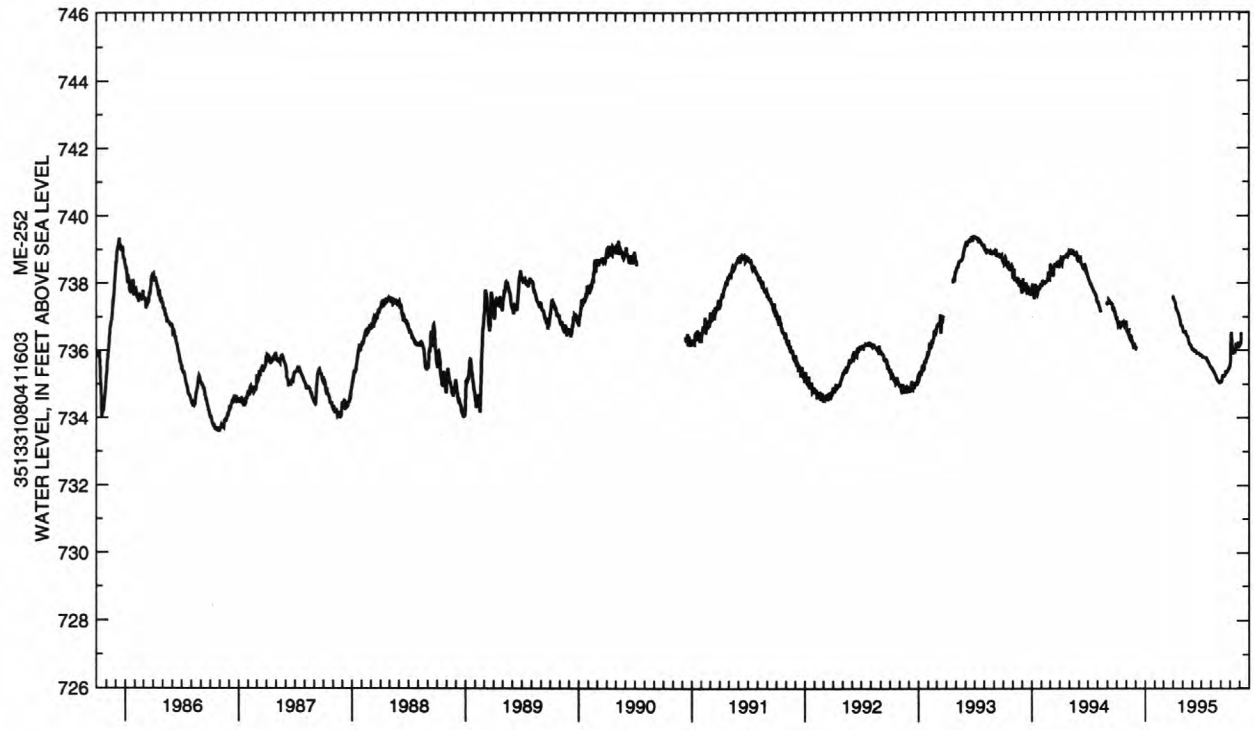
J
J
A
S
O
N
1994
1995


ME-252
351331080411603
WATER LEVEL, IN FEET ABOVE SEA LEVEL
746
744
742
740
738
736
734
732
730
728
726
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

MECKLENBURG COUNTY--Continued

351333080405501. Local number, Me-253.

LOCATION.--Lat 35°13'33", long 80°40'55", Hydrologic Unit 03050103, at Harrisburg Road landfill, near Mint Hill. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined saprolite derived from metamorphosed quartz diorite.

WELL CHARACTERISTICS.--Drilled observation well, depth 52.7 ft, diameter 4 in., cased to 42.7 ft, screened from 42.7 to 52.7 ft; Dec. 18, 1985. Sand filter packed from 42.7 to 52.7 ft. Due to landfill operations land-surface elevation at this site has increased several times since 1985 and as a result well depth increased. See datum corrections and remarks below.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 759.7 ft above sea level from Apr. 21, 1988, to present; and was 742.1 ft from Dec. 18, 1985, to Sept. 29, 1986; 748.3 ft from Sept. 29 to Dec. 19, 1986; 758.1 ft from Dec. 19, 1986, to Apr. 21, 1988. Measuring point to land-surface datum was -4.4 ft from Dec. 18, 1985, to Sept. 29, 1986; -3.2 ft from Sept. 29, 1986, to Oct. 6, 1986; 0.0 ft from Oct. 6, 1986, to Apr. 21, 1988; -3.4 ft from Apr. 21, 1988, to Dec. 10, 1990; -2.2 ft from Dec. 10, 1990, to present. Finished grade completed about Sept. 30, 1988.

REMARKS.--Well is part of the Charlotte-Mecklenburg urban hydrology study, Harrisburg Road landfill well HBW 2201. The land-surface datum at this site has increased as the landfill has been filled. Use extremes for period of record with care, noting datum changes as described above. In this report, hydrographs of water-level data from this well are shown in feet above sea level to compensate for changes in land-surface datum.

PERIOD OF RECORD.--December 1985 to December 1995 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.28 ft below land-surface datum, Mar. 21, 1986; lowest water level recorded, 32.96 ft below land-surface datum Feb. 16, 17, 1989.

REVISIONS.--The elevation of land-surface datum published in previous annual-data reports has been revised to 759.7 ft above sea level.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO DECEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	29.87	---	---	30.61	30.02	29.34	29.47	30.27	30.81	31.00	31.37	31.49
10	29.95	---	---	30.62	30.01	29.26	29.64	30.34	30.81	30.97	31.46	31.41
15	29.95	---	---	30.50	30.05	29.02	29.79	30.46	30.85	31.06	31.58	31.41
20	29.96	---	30.44	30.31	29.68	29.02	29.93	30.56	30.87	31.15	31.68	31.34
25	---	---	30.40	30.32	29.61	29.19	30.11	30.68	30.92	31.21	31.72	31.25
EOM	---	---	30.52	30.15	29.45	29.28	30.20	30.79	30.96	31.31	31.66	31.14

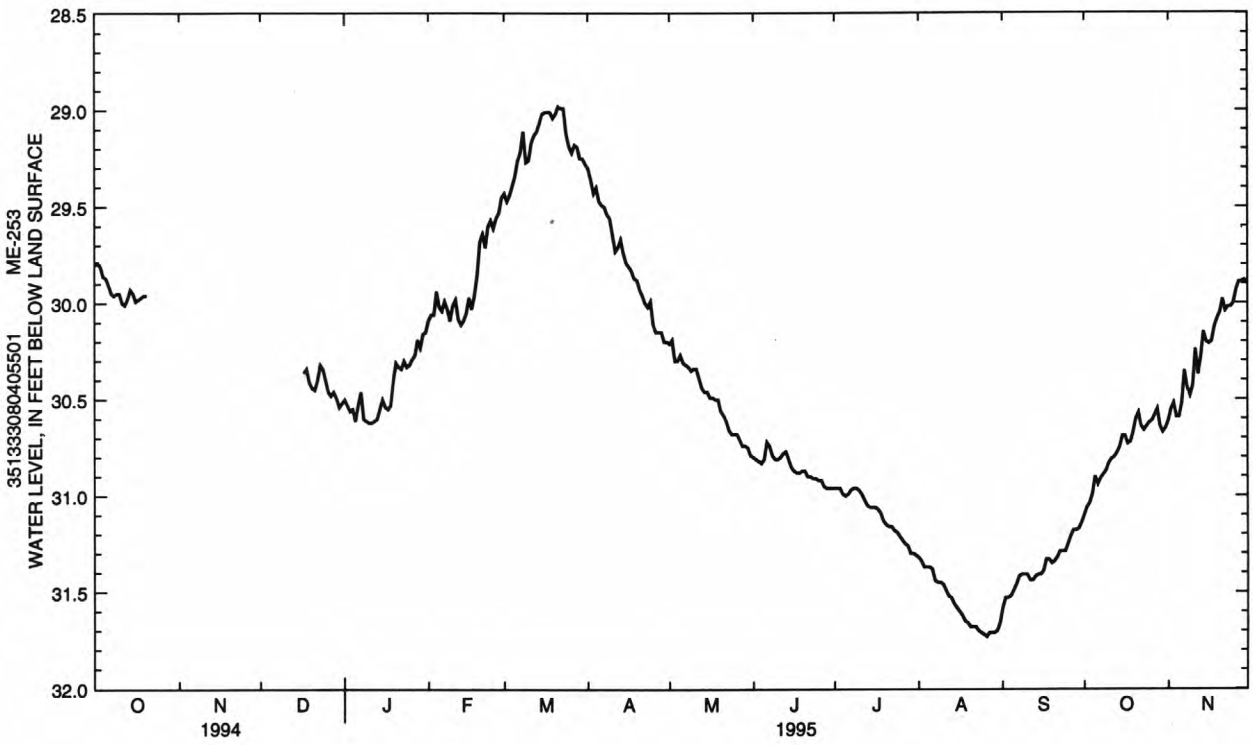
WTR YR 1995 MEAN 30.48 HIGH 28.98 MAR 21 LOW 31.73 AUG 26

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, PERIOD OCTOBER 1995 TO DECEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.90	30.59	29.82	---	---	---	---	---	---	---	---	---
10	30.83	30.43	29.77	---	---	---	---	---	---	---	---	---
15	30.69	30.20	---	---	---	---	---	---	---	---	---	---
20	30.60	30.05	---	---	---	---	---	---	---	---	---	---
25	30.62	30.00	---	---	---	---	---	---	---	---	---	---
EOM	30.65	29.90	---	---	---	---	---	---	---	---	---	---

MEAN 30.37 HIGH 29.72 DEC 9 LOW 31.10 OCT 1


ME-253
351333080405501
WATER LEVEL, IN FEET BELOW LAND SURFACE
28.5
29.0
29.5
30.0
30.5
31.0
31.5
32.0
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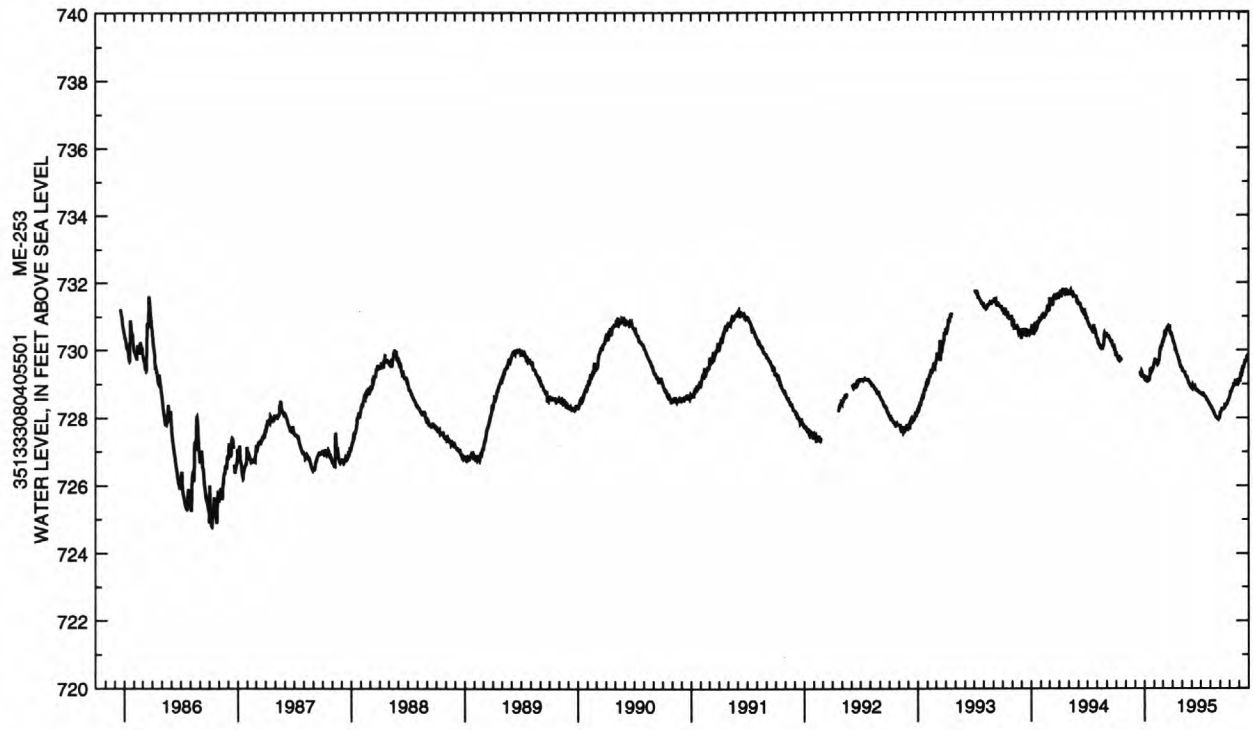
1994
1995


ME-253
351333080405501
WATER LEVEL, IN FEET ABOVE SEA LEVEL
740
738
736
734
732
730
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726
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722
720
1986
1987
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1990
1991
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1993
1994
1995

MECKLENBURG COUNTY--Continued

351327080404401. Local number, Me-254.

LOCATION.--Lat 35°13'27", long 80°40'44", Hydrologic Unit 03050103, at Harrisburg Road landfill, near Mint Hill. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined saprolite derived from metamorphosed quartz diorite.

WELL CHARACTERISTICS.--Drilled observation well, depth 56 ft, diameter 4 in., cased 35.0 ft, screened and sand filter packed from 35.0 to 55.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 768.5 ft above sea level (levels by U.S. Geological Survey); revised from 768.0 ft above sea level. Measuring point: Top of casing, 1.20 ft above land-surface datum.

REMARKS.--Well is part of the Charlotte-Mecklenburg urban hydrology study, Harrisburg Road landfill well HBW 2301.

PERIOD OF RECORD.--January 1986 to December 1995 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 11.87 ft below land-surface datum, Apr. 16, 1993; lowest water level recorded, 24.37 ft below land-surface datum, Nov. 10-12, 1986.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.86	21.71	21.85	21.55	18.99	16.69	16.82	17.94	19.27	20.19	21.06	19.61
10	21.14	21.75	21.68	21.06	19.03	16.33	17.05	18.13	19.49	20.27	21.30	19.63
15	21.30	21.85	21.62	20.63	18.99	16.12	17.22	18.33	19.74	20.50	21.56	19.65
20	21.47	21.99	21.61	19.79	17.45	16.23	17.45	18.54	19.88	20.66	21.70	19.73
25	21.49	22.07	21.49	19.69	17.27	16.46	17.68	18.79	20.12	20.68	21.94	19.39
EOM	21.59	22.00	21.51	19.19	17.14	16.61	17.91	19.07	20.10	20.88	19.90	18.82

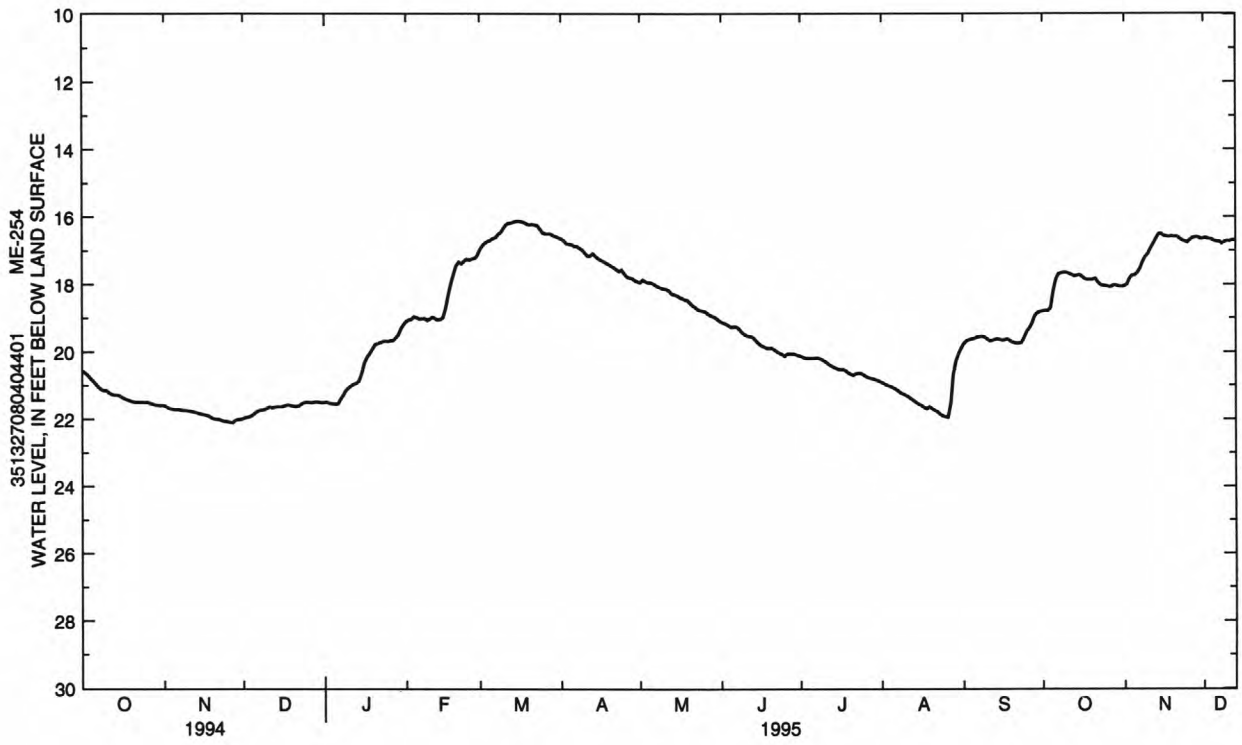
WTR YR 1995 MEAN 19.74 HIGH 16.12 MAR 15 LOW 22.10 NOV 27

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, PERIOD OCTOBER 1995 TO DECEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.20	17.73	16.71	---	---	---	---	---	---	---	---	---
10	17.66	17.09	16.71	---	---	---	---	---	---	---	---	---
15	17.72	16.49	---	---	---	---	---	---	---	---	---	---
20	17.85	16.59	---	---	---	---	---	---	---	---	---	---
25	18.05	16.76	---	---	---	---	---	---	---	---	---	---
EOM	18.07	16.65	---	---	---	---	---	---	---	---	---	---

MEAN 17.35 HIGH 16.49 NOV 15 LOW 18.80 OCT 1


ME-254
351327080404401
WATER LEVEL, IN FEET BELOW LAND SURFACE
10
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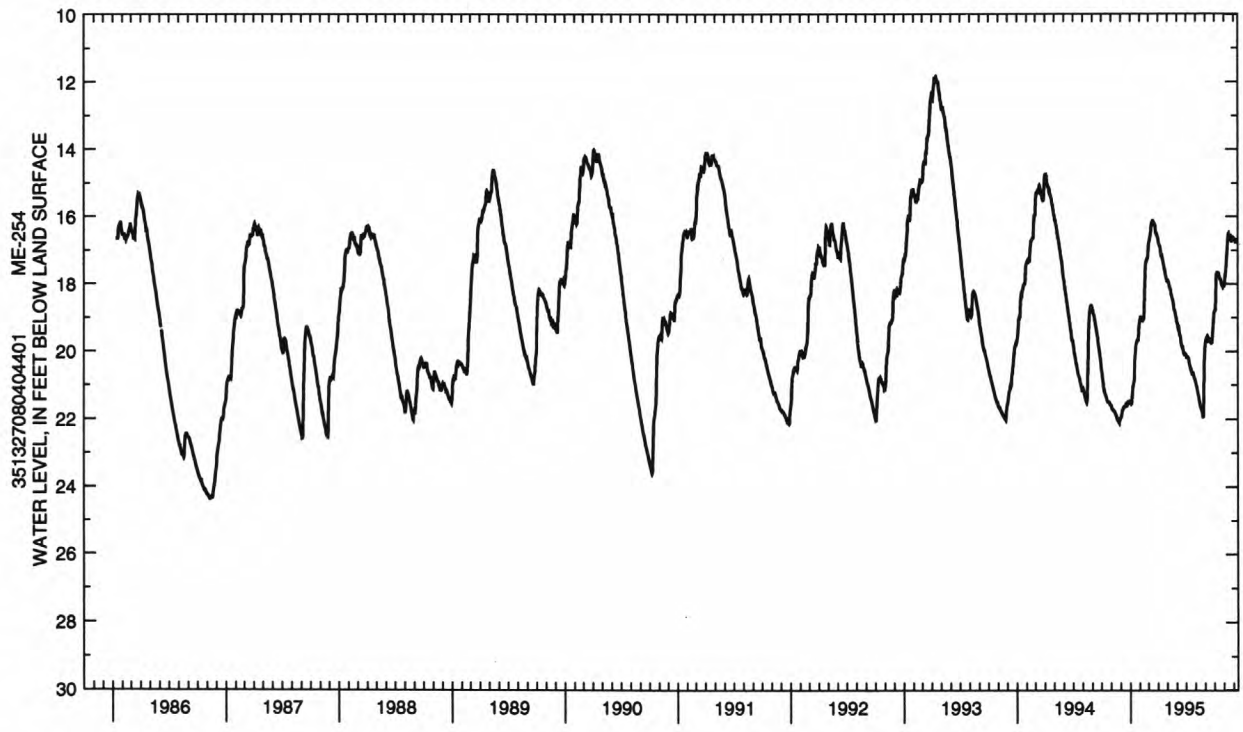
1995


ME-254
351327080404401
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1993
1994
1995

MECKLENBURG COUNTY--Continued

350639080405401. Local Number, Me-255

LOCATION.--Lat 35°06'39", long 80°40'54", Hydrologic Unit 35050103, near Matthews. Owner: U.S. Geological Survey.

ACQUIFER.--Unconfined saprolite derived from metavolcanic rock.

WELL CHARACTERISTICS.--Drilled observation well; construction depth 33.8 ft; measured depth in 1988, 33.18 ft; measured depth in 1993, 33.10 ft; diameter 4 in., cased to 28.8 ft, screened and sand filter packed from 28.8 to 33.8 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 730 ft above sea level, from topographic map. Measuring point: Top of casing 3.2 ft above land-surface datum.

REMARKS.--Well is part of Charlotte-Mecklenburg urban hydrology study, Ridge Road landfill well No. 1. Due to the infiltration of mud in bottom of well, depth has decreased over time. As a result, well was dry at water levels below 33.18 ft from Aug. 27, 1988 to Jan. 19, 1989. Well also was dry at water levels below 33.04 ft from Nov. 19, 1993 to Jan. 12, 1994.

PERIOD OF RECORD.--September 1985 to current year.

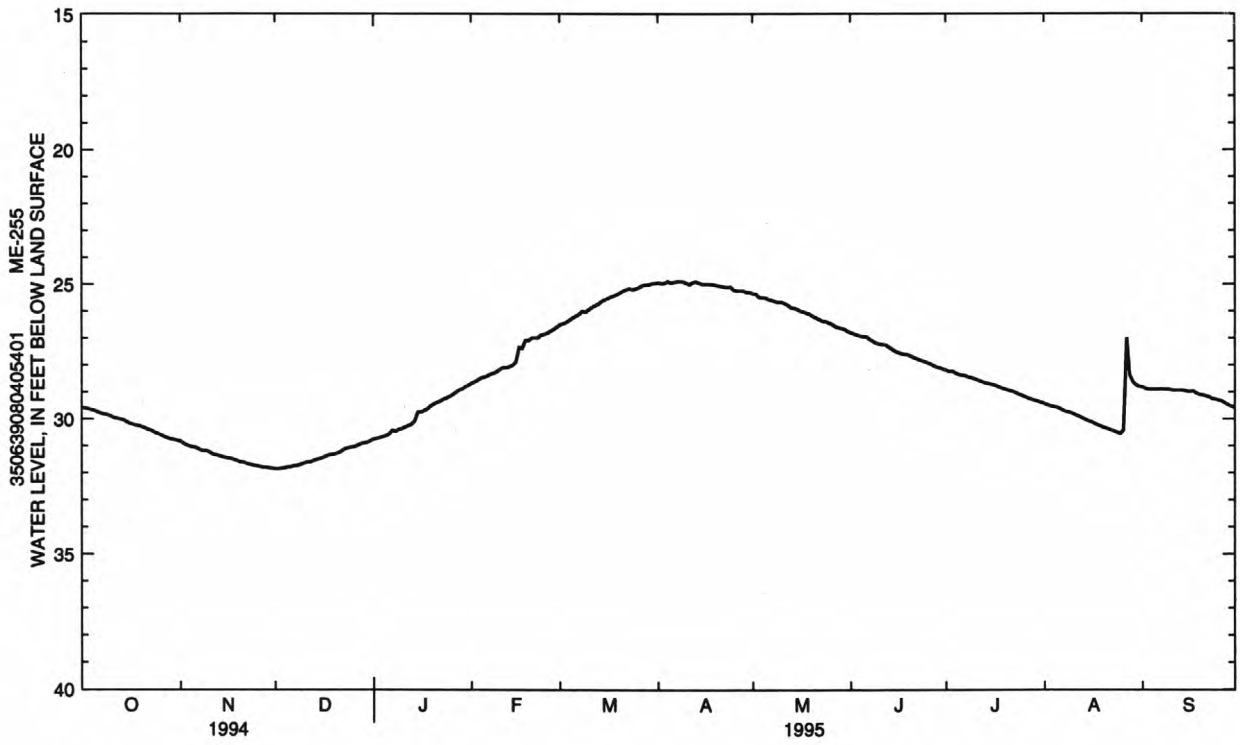
EXTREMES FOR PERIOD OF RECORD.--Highest water-level recorded, 18.67 ft below land-surface datum, Apr. 26, 1993; lowest water level recorded, 33.53 ft below land-surface datum, Nov. 3-14, 1986. Well was dry from Aug. 27, 1988, to Jan. 19, 1989 (water level below 33.18 ft) and from Nov. 19, 1993 to Jan. 12, 1994 (water level below 33.04 ft). See "Remarks".

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	29.69	31.04	31.78	30.63	28.45	26.26	24.95	25.51	26.95	28.35	29.56	28.91
10	29.89	31.21	31.64	30.36	28.16	25.96	24.96	25.68	27.23	28.51	29.79	28.92
15	30.10	31.42	31.48	29.76	27.89	25.59	24.99	25.93	27.49	28.70	30.07	28.97
20	30.29	31.60	31.29	29.44	27.00	25.32	25.06	26.20	27.67	28.91	30.32	29.12
25	30.54	31.74	31.05	29.17	26.82	25.17	25.22	26.44	27.91	29.13	30.54	29.30
EOM	30.79	31.84	30.81	28.75	26.59	24.97	25.31	26.76	28.15	29.38	28.79	29.57

WTR YR 1995 MEAN 28.52 HIGH 24.90 APR 4 LOW 31.85 DEC 1


15
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40
350639080405401 ME-255
WATER LEVEL, IN FEET BELOW LAND SURFACE
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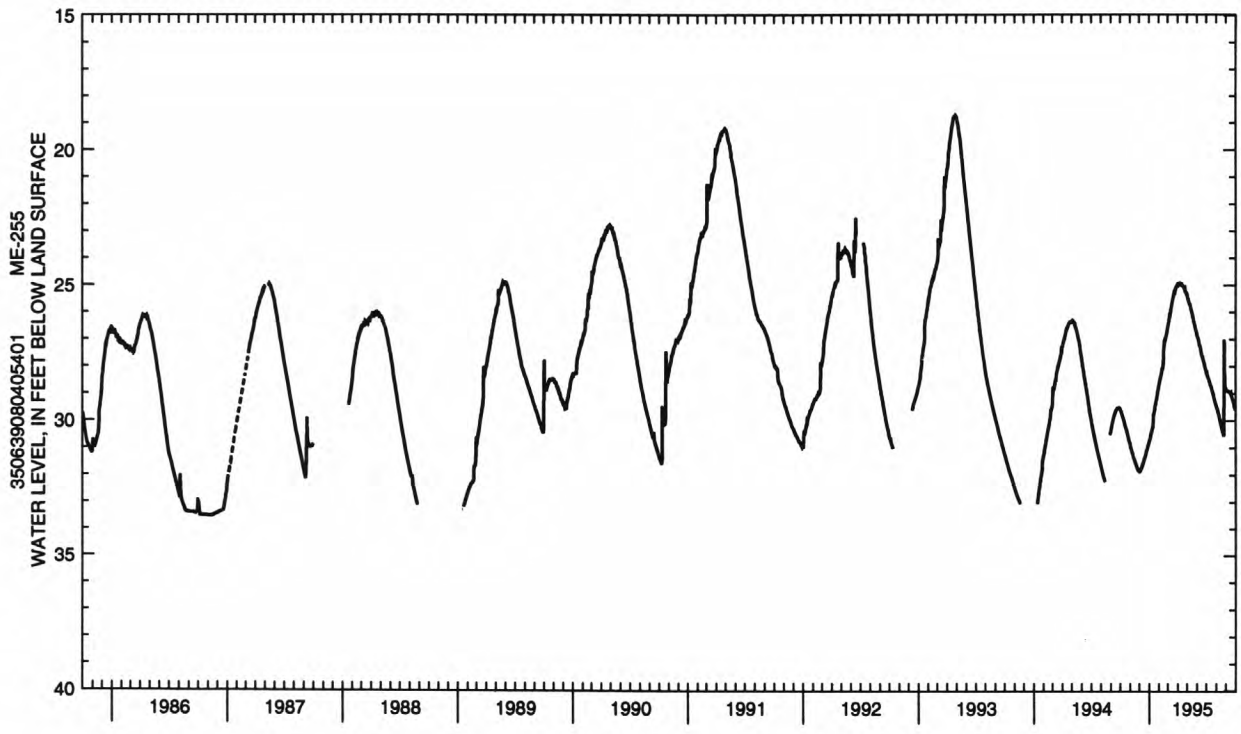
S
1994
1995


15
20
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350639080405401 ME-255
WATER LEVEL, IN FEET BELOW LAND SURFACE
1986
1987
1988
1989
1990
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1993
1994
1995

MECKLENBURG COUNTY--Continued

351003080544201. Local Number Me-256.

LOCATION.--Lat 35°10'03", long 80°54'42", Hydrologic Unit 03050103, near Charlotte. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined saprolite derived from intrusive granite.

WELL CHARACTERISTICS.--Drilled observation well, depth 24.5 ft, diameter 3 in., cased to 19.5 ft, screened from 19.5 to 24.5 ft. Sand filter packed from 19.5 to 24.5 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 586.30 ft (revised) above sea level (levels by City of Charlotte). Measuring point: Top of casing, 1.70 ft above land-surface datum.

REMARKS.--Well is part of the Charlotte-Mecklenburg urban hydrology study, York Road landfill well YRW-6.

PERIOD OF RECORD.--June 1986 to September 1995 (discontinued).

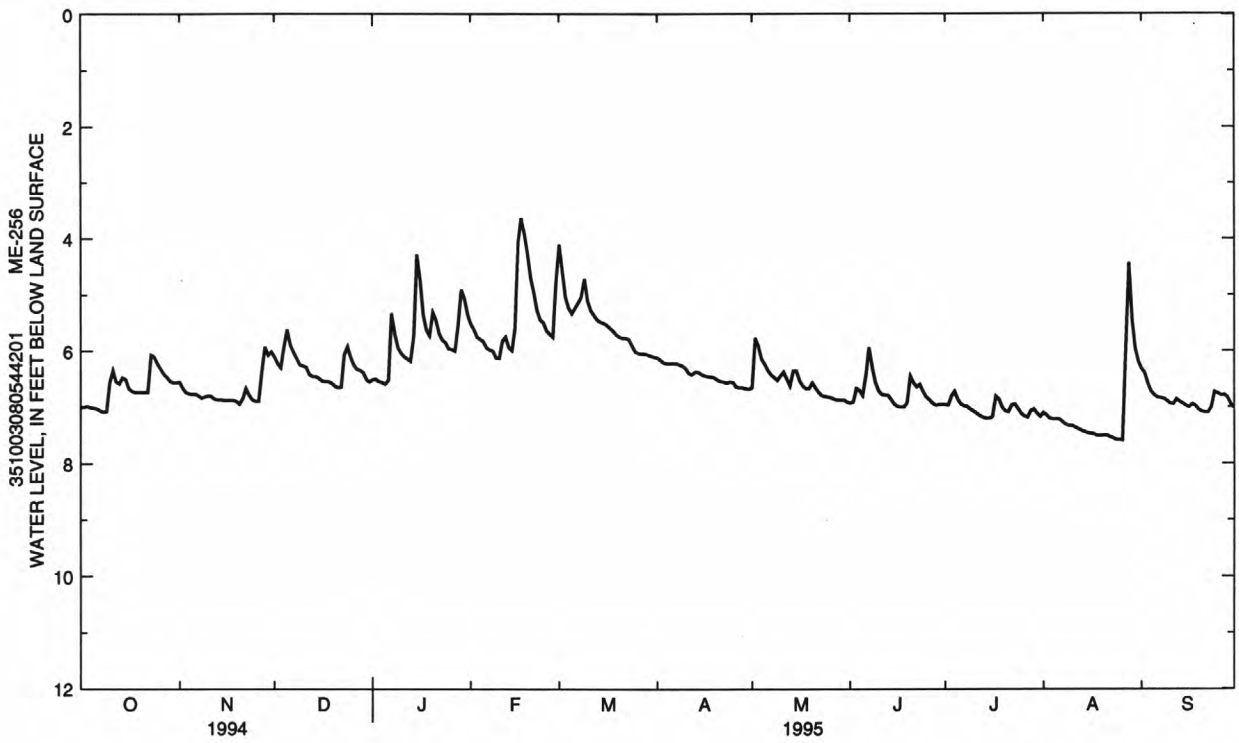
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.93 ft below land-surface datum, Aug. 14 and 15, 1991; lowest water level recorded, 8.49 ft below land-surface datum, Sept. 4 and 5, 1987.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.01	6.76	5.62	6.59	5.83	5.33	6.22	6.23	6.79	6.87	7.21	6.79
10	6.56	6.79	6.26	6.04	6.13	5.10	6.30	6.44	6.71	7.07	7.33	6.94
15	6.50	6.87	6.48	4.28	5.58	5.50	6.41	6.35	6.95	7.20	7.46	6.98
20	6.73	6.94	6.62	5.31	4.70	5.75	6.51	6.57	6.45	7.07	7.50	7.08
25	6.22	6.89	6.11	5.96	5.64	6.01	6.56	6.82	6.82	7.11	7.58	6.75
EOM	6.56	6.01	6.55	5.34	4.74	6.11	6.68	6.91	6.96	7.17	6.19	7.01

WTR YR 1995 MEAN 6.43 HIGH 3.63 FEB 17 LOW 7.59 AUG 26


351003080544201 ME-256
WATER LEVEL, IN FEET BELOW LAND SURFACE
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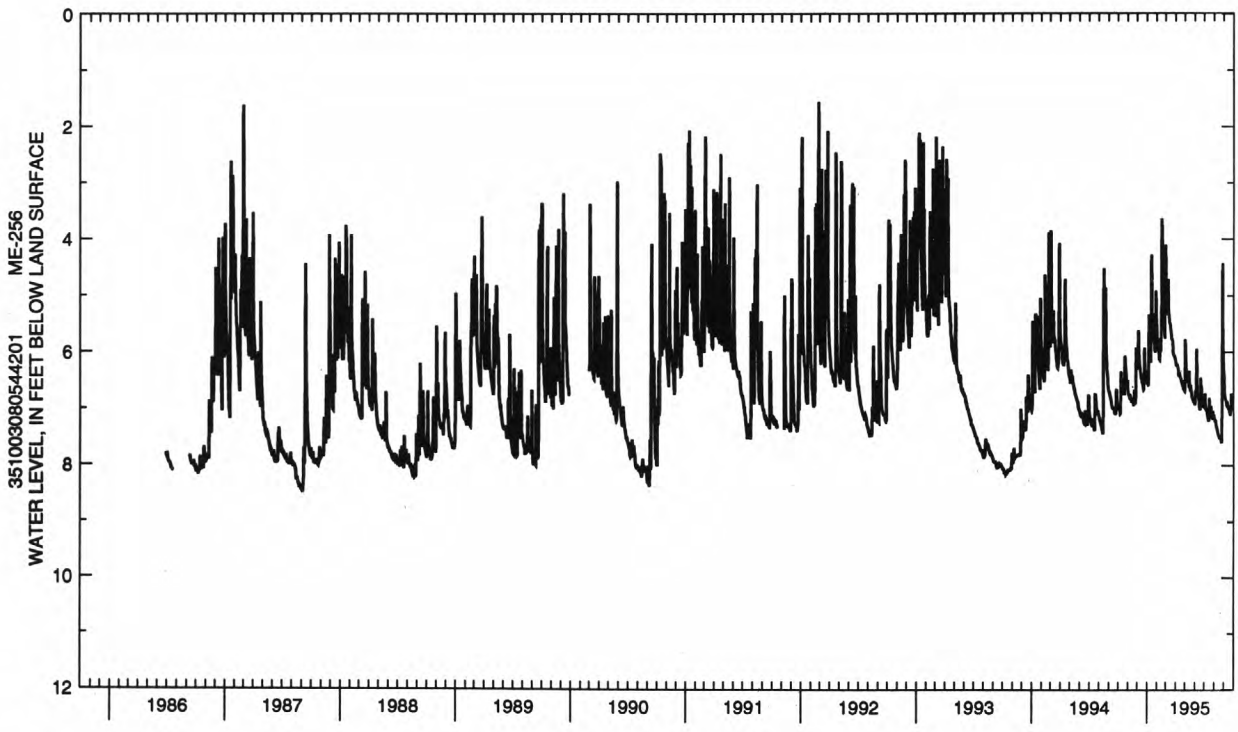
1994
1995


351003080544201 ME-256
WATER LEVEL, IN FEET BELOW LAND SURFACE
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MECKLENBURG COUNTY--Continued

352422080560303. Local Number Me-257.

LOCATION.--Lat 35°24'22", long 80°56'03", Hydrologic Unit 03050101, near Huntersville. Owner: U.S. Geological Survey.

AQUIFER.--Weathered granite of Paleozoic age.

WELL CHARACTERISTICS.--Drilled observation well, depth 23.0 ft, diameter 4 in., casing to 20.5 ft with slotted well screen from 10.5 to 20.5 ft. Sand-filled around well screen, with clay above.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 734 ft above sea level, from topographic map. Measuring point: Top of casing, 1.40 ft above land-surface datum.

REMARKS.--Well constructed to determine ground-water level at proposed Stephens Road landfill site, well SRW-N15A.

PERIOD OF RECORD.--February 1985 to March 1995 (discontinued).

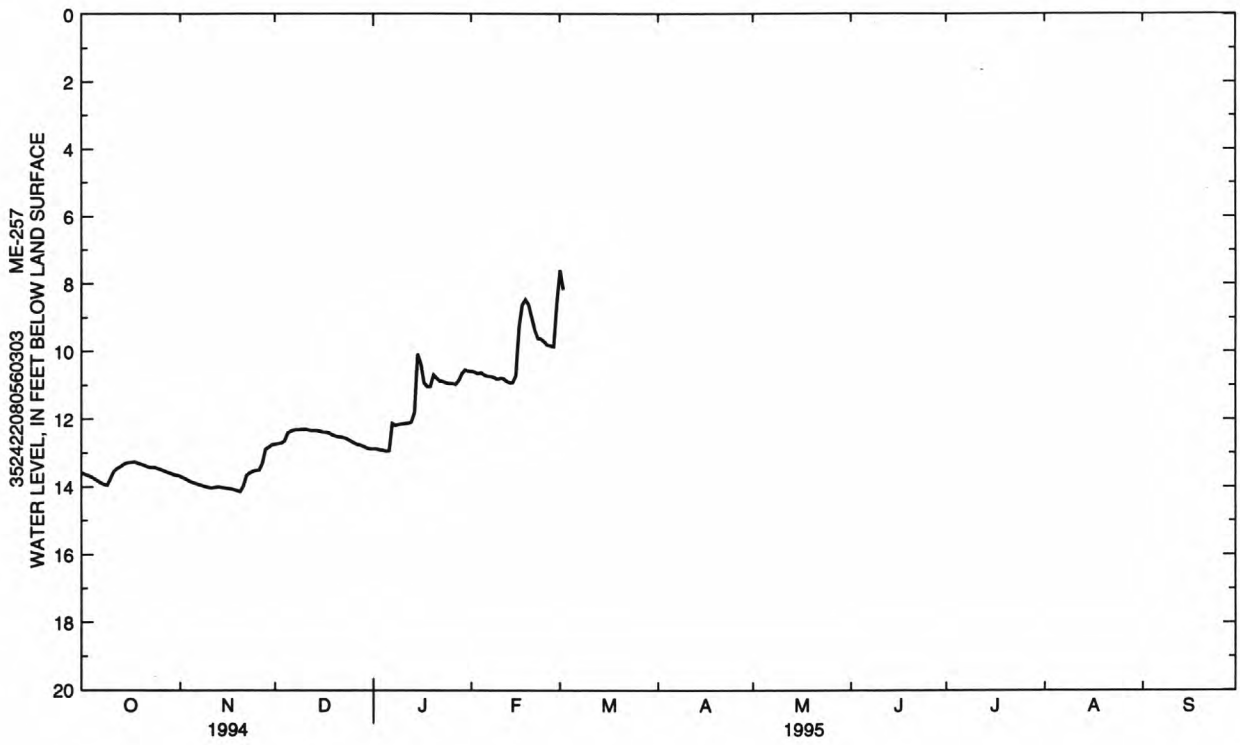
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 2.76 ft below land-surface datum, Mar. 28, 1993; lowest water level recorded, 15.54 ft below land-surface datum Nov. 26 and 27, 1993.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, PERIOD OCTOBER 1994 TO MARCH 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.76	13.87	12.41	12.95	10.70	---	---	---	---	---	---	---
10	13.77	14.02	12.30	12.15	10.80	---	---	---	---	---	---	---
15	13.29	14.03	12.35	10.08	10.73	---	---	---	---	---	---	---
20	13.34	14.14	12.49	10.70	9.00	---	---	---	---	---	---	---
25	13.46	13.51	12.65	10.95	9.81	---	---	---	---	---	---	---
EOM	13.66	12.76	12.88	10.58	8.51	---	---	---	---	---	---	---

WTR YR 1995 MEAN 12.26 HIGH 7.60 MAR 1 LOW 14.14 NOV 20


ME-257
352422080560303
WATER LEVEL, IN FEET BELOW LAND SURFACE
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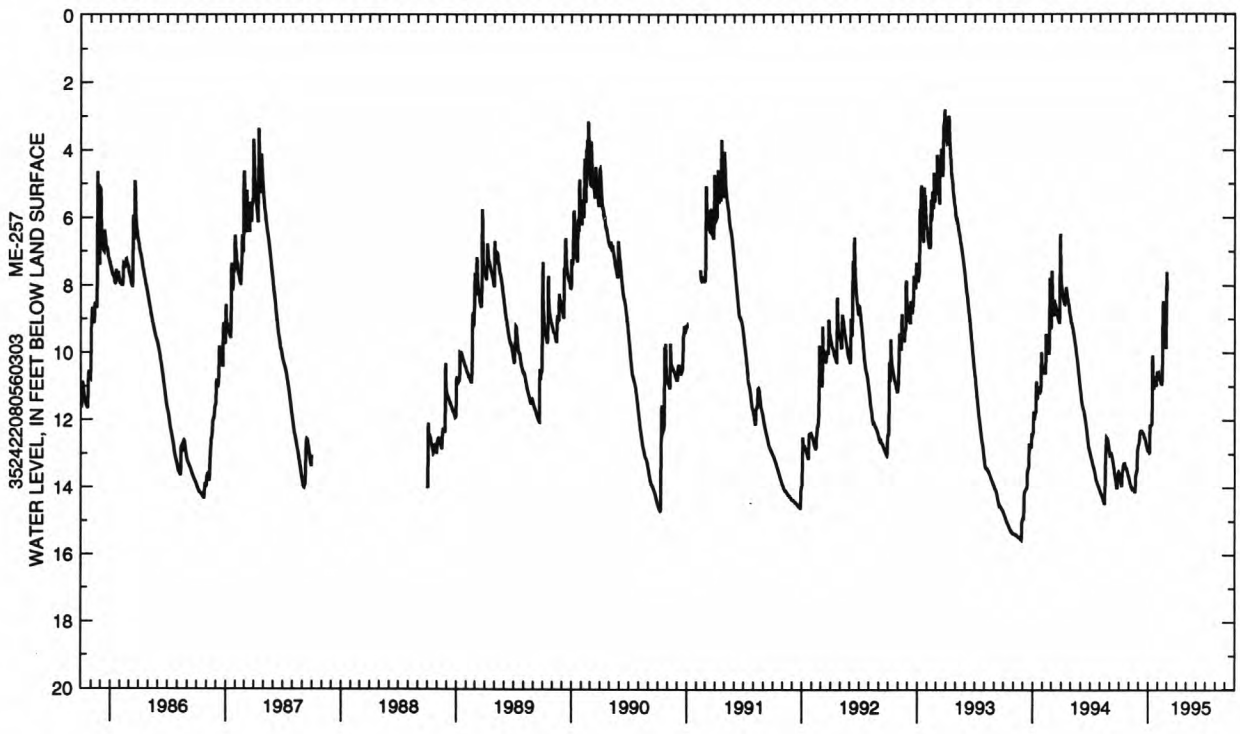
1994
1995


ME-257
352422080560303
WATER LEVEL, IN FEET BELOW LAND SURFACE
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NEW HANOVER COUNTY

341000077524201. Local number, NC-20.

LOCATION.--Lat 34°09'53", long 77°52'48", Hydrologic Unit 03030001, southeast of Wilmington, 1 mi west of Secondary Road 1492 on Secondary Road 1516. Owner: Walter J. Hodder.

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 173 ft, diameter 3 in., cased and screened intervals unknown; measured depth 169 ft, September 1973.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 21 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 1.85 ft above land-surface datum (since March 11, 1976).

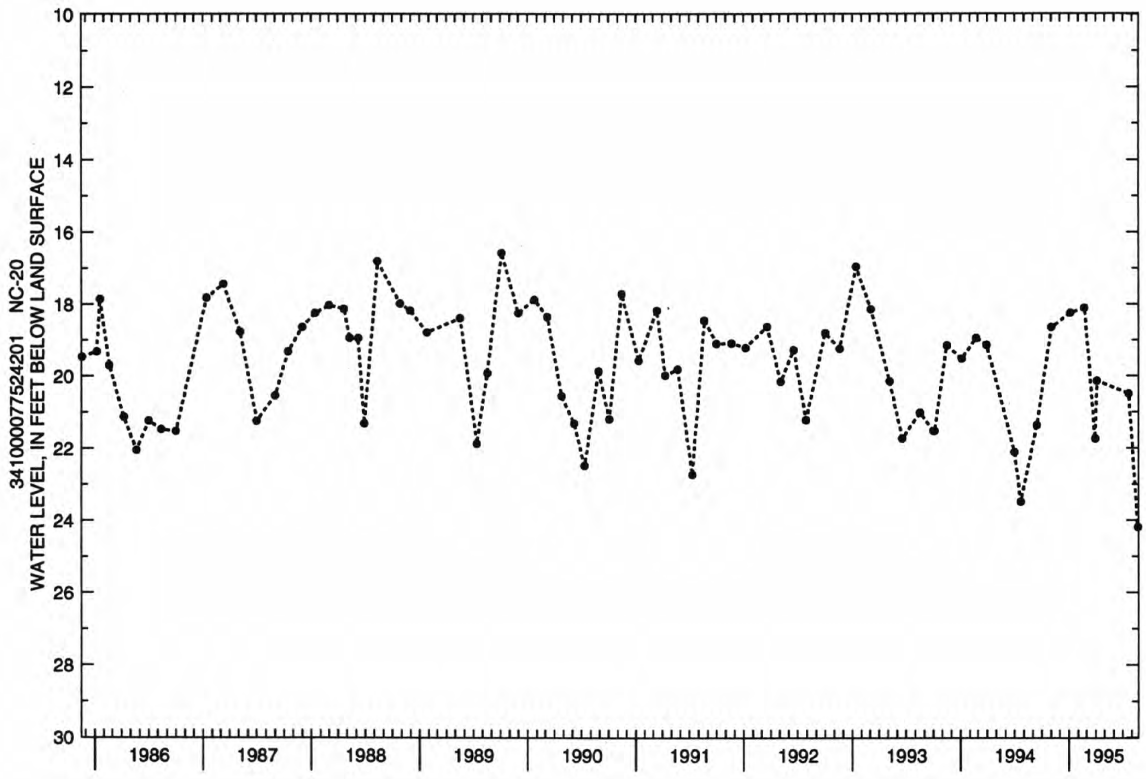
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--November 1963 to current year. USGS continuous record from December 1964 to November 1980.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 9.42 ft below land-surface datum, June 10, 1966; lowest water level measured, 24.20 ft below land-surface datum, Aug. 21, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
NOV 2	18.65	FEB 22	18.10	MAR 30	21.74	APR 5	20.14	JUL 21	20.49	AUG 21	24.20
JAN 5	18.25										


341000077524201 NC-20
WATER LEVEL, IN FEET BELOW LAND SURFACE
10
12
14
16
18
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22
24
26
28
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1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

ONSLOW COUNTY

344425077272501. Local number, NC-52.

LOCATION.--Lat 34°44'18", long 77°27'29", Hydrologic Unit 03030001, southwest of Jacksonville, 0.25 mi east of U.S. Highway 17 at U.S. Marine Corps Camp Geiger, and 2 mi south of U.S. Highway 258. Owner: U.S. Marine Corps.

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled abandoned supply well, drilled to 70 ft, diameter 18 in., cased to 23 ft, open hole to 70 ft; measured depth 68 ft, January 1974.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 17.0 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 1.83 ft above land-surface datum; revised from 1.90 ft. above land-surface datum, April 29, 1993.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--January 1963 to current year.

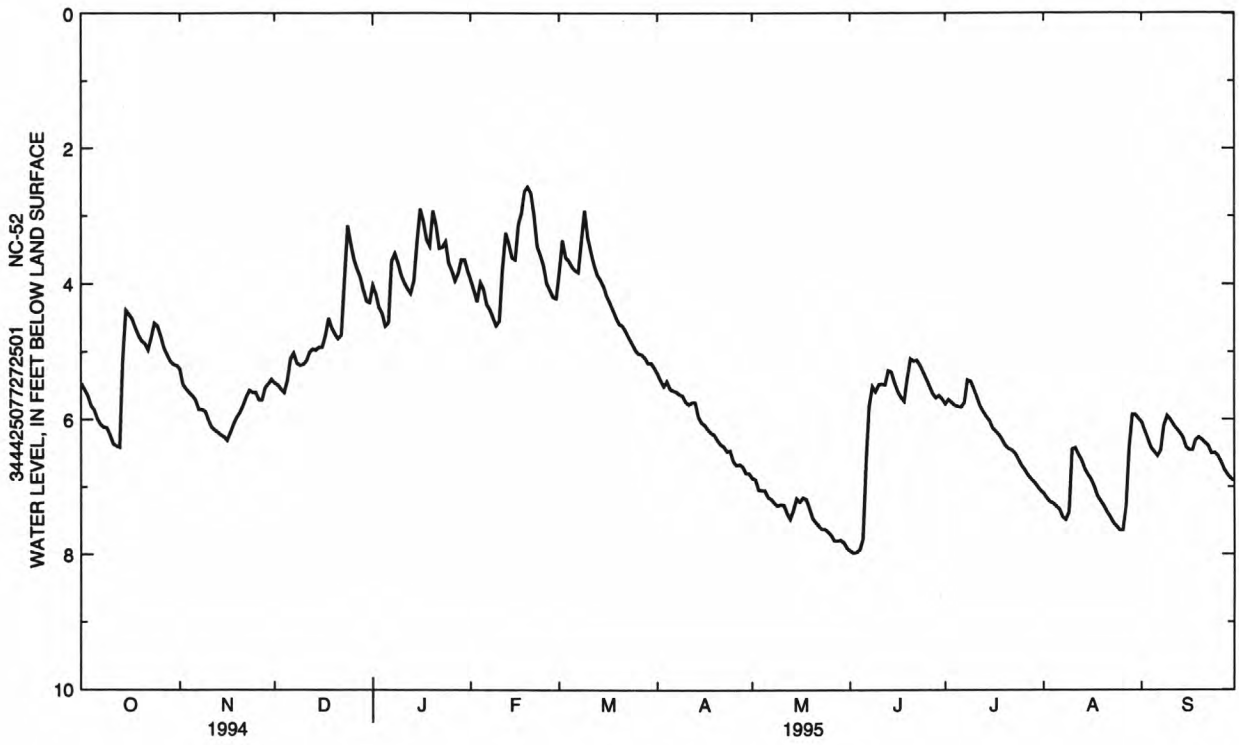
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.67 ft below land-surface datum, Sept. 14, 1984; lowest water level recorded, 10.44 ft below land-surface datum, Jan. 3, 1966.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.86	5.65	5.43	4.62	4.07	3.75	5.55	7.05	7.77	5.81	7.29	6.48
10	6.23	6.00	5.19	3.87	4.55	3.32	5.74	7.26	5.49	5.55	6.44	6.00
15	4.39	6.26	4.93	3.39	3.64	4.04	6.05	7.17	5.46	6.02	6.82	6.41
20	4.84	5.90	4.74	2.92	2.66	4.59	6.31	7.46	5.11	6.39	7.28	6.30
25	4.62	5.60	3.40	3.69	3.99	4.97	6.62	7.67	5.40	6.68	7.64	6.54
EOM	5.20	5.41	4.27	3.81	4.21	5.24	6.80	7.91	5.70	7.05	5.99	6.91

WTR YR 1995 MEAN 5.55 HIGH 2.57 FEB 19 LOW 7.98 JUN 2


344250077272501 NC-52
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
2
4
6
8
10
O
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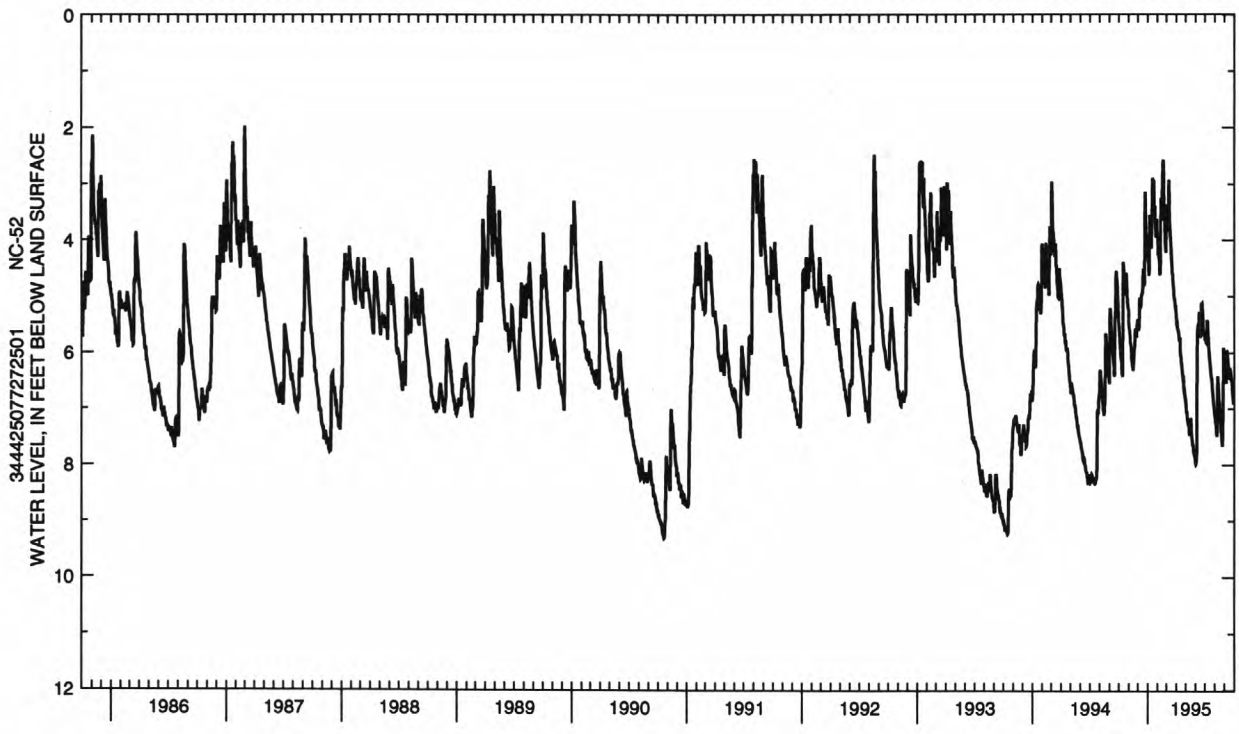
J
F
M
A
M
J
J
A
S
1994
1995


344250077272501 NC-52
WATER LEVEL, IN FEET BELOW LAND SURFACE
0
2
4
6
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10
12
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

ONSLOW COUNTY--Continued

343641077290104. Local number, NC-188; DEHNR Dixon Tower Research Station well Y25q4.

LOCATION.--Lat 34°36'41", long 77°29'01", Hydrologic Unit 03030001, 1.5 mi north of Dixon at North Carolina Division of Forest Resources Fire Tower on U.S. Highway 17. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 550 ft, diameter 4 in., cased to 524 ft, screened interval from 524 to 534 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 67.44 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.53 ft above land-surface datum.

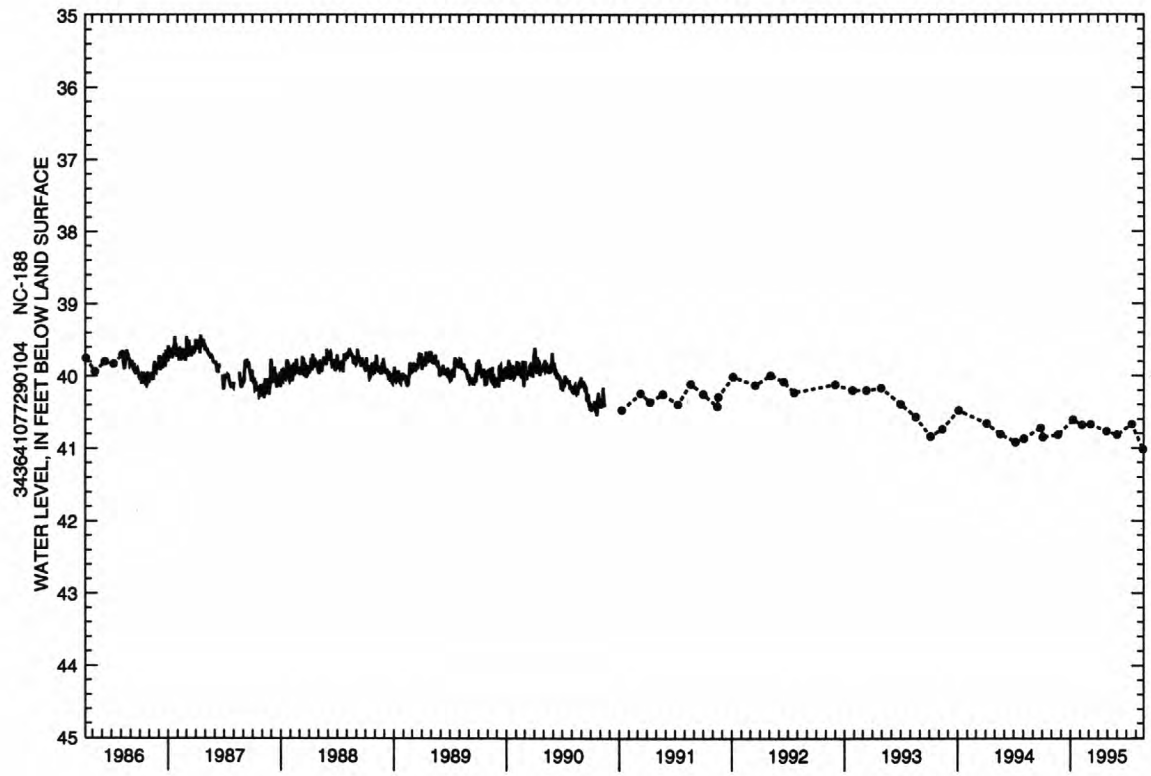
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--April 1982 to current year. Continuous record August 1986 to November 1990. Records from May 1983 to July 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 38.86 ft below land-surface datum, May 12, 1983; lowest water level measured, 41.02 ft below land-surface datum, Aug. 24, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 4	40.85	JAN 9	40.61	MAR 7	40.67	JUN 1	40.82	JUL 18	40.67	AUG 24	41.02
NOV 21	40.82	FEB 7	40.68	APR 28	40.77						


343641077290104 NC-188
WATER LEVEL, IN FEET BELOW LAND SURFACE
35
36
37
38
39
40
41
42
43
44
45
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

ONSLOW COUNTY--Continued

344837077291607. Local number, NC-189; DEHNR Jacksonville 258 Well Field Research Station well W25f7.

LOCATION.--Lat 34°48'37", long 77°29'16", Hydrologic Unit 03030001, 1.4 mi northeast of U.S. Highway 258 and State Highway 24 on Wells Road. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 834 ft, diameter 4 in., cased to 824 ft, screened interval from 824 to 834 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 26.62 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 3.78 ft above land-surface datum.

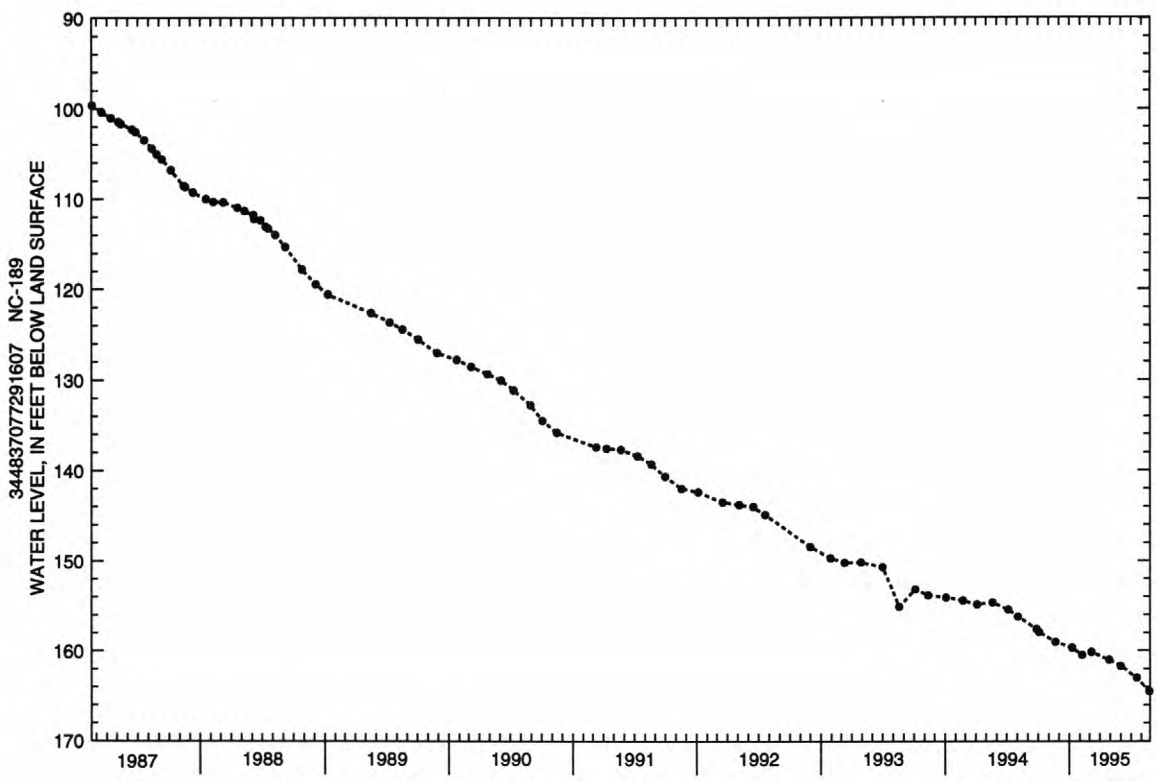
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--April 1988 to current year. Continuous record from October 1986 to April 1988 are unreliable and unpublished.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 96.64 ft below land-surface datum, Oct. 15, 1986; lowest water level measured, 164.54 ft below land-surface datum, Aug. 24, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 4	157.95	JAN 9	159.72	MAR 7	160.17	JUN 1	161.72	JUL 18	163.02	AUG 24	164.54
NOV 21	159.06	FEB 7	160.49	APR 28	161.01						


344837077291607 NC-189
WATER LEVEL, IN FEET BELOW LAND SURFACE
90
100
110
120
130
140
150
160
170
1987
1988
1989
1990
1991
1992
1993
1994
1995

ONSLOW COUNTY--Continued

343641077290103. Local number, On-227; DEHNR Dixon Tower Research Station well Y25q3.

LOCATION.--Lat 34°36'40", long 77°28'58", Hydrologic Unit 03030001, at North Carolina Divison of Forest Resources Fire Tower on U.S. Highway 17, 1.1 mi. north of Dixon School at intersection of State Highway 210 and U.S. Highway 17. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 240.0 ft, diameter 4 in., cased to 150.0 ft, screened interval from 150.0 to 240.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 68 ft above sea level, (levels by DEHNR). Measuring point: Top of shelter floor, 2.13 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

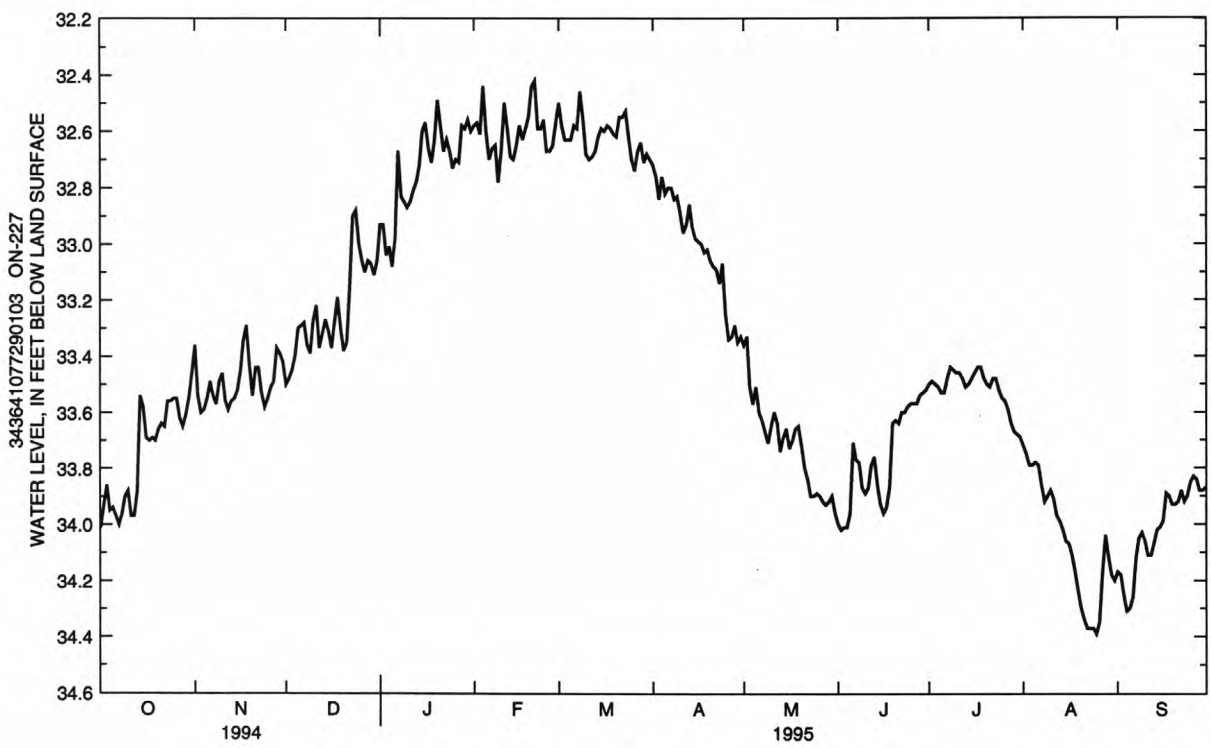
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 32.35 ft below land-surface datum, Feb. 21, 1995; lowest water level recorded, 34.42 ft below land-surface datum, Aug. 25, 26, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	34.01	33.36	33.50	32.93	32.58	32.50	32.72	33.36	34.00	33.50	33.72	34.17
2	33.93	33.54	33.48	32.93	32.57	32.58	32.76	33.33	34.02	33.49	33.75	34.18
3	33.86	33.60	33.45	33.04	32.61	32.63	32.84	33.51	34.01	33.50	33.79	34.25
4	33.95	33.59	33.40	33.01	32.44	32.63	32.76	33.57	34.01	33.51	33.79	34.31
5	33.94	33.55	33.30	33.08	32.60	32.63	32.82	33.51	33.96	33.53	33.78	34.30
6	33.97	33.49	33.29	32.98	32.70	32.58	32.80	33.60	33.71	33.53	33.79	34.26
7	34.00	33.54	33.28	32.67	32.66	32.59	32.80	33.63	33.77	33.48	33.86	34.12
8	33.96	33.57	33.36	32.83	32.65	32.46	32.84	33.67	33.78	33.44	33.92	34.05
9	33.90	33.49	33.39	32.85	32.78	32.56	32.83	33.71	33.87	33.45	33.90	34.03
10	33.88	33.46	33.27	32.87	32.67	32.68	32.89	33.65	33.89	33.46	33.88	34.06
11	33.97	33.56	33.22	32.85	32.50	32.70	32.96	33.60	33.87	33.46	33.91	34.11
12	33.97	33.59	33.37	32.81	32.59	32.69	32.93	33.64	33.79	33.48	33.97	34.11
13	33.88	33.56	33.32	32.78	32.69	32.67	32.86	33.74	33.76	33.51	33.99	34.07
14	33.54	33.55	33.27	32.72	32.70	32.62	32.94	33.69	33.86	33.50	34.02	34.02
15	33.58	33.52	33.31	32.60	32.65	32.59	32.98	33.66	33.93	33.48	34.06	34.01
16	33.69	33.45	33.37	32.57	32.58	32.60	32.99	33.73	33.96	33.46	34.07	33.99
17	33.70	33.34	33.28	32.66	32.63	32.58	33.00	33.70	33.94	33.44	34.11	33.89
18	33.69	33.29	33.19	32.71	32.59	32.59	33.03	33.66	33.87	33.44	34.17	33.90
19	33.70	33.43	33.30	32.63	32.55	32.61	33.02	33.65	33.64	33.48	34.24	33.93
20	33.66	33.54	33.38	32.49	32.44	32.62	33.06	33.72	33.63	33.50	34.30	33.93
21	33.64	33.44	33.35	32.58	32.42	32.55	33.08	33.80	33.64	33.51	34.34	33.92
22	33.65	33.44	33.16	32.67	32.59	32.55	33.09	33.84	33.60	33.48	34.37	33.88
23	33.56	33.53	32.90	32.63	32.59	32.53	33.14	33.90	33.60	33.48	34.37	33.92
24	33.56	33.58	32.88	32.67	32.56	32.62	33.07	33.90	33.58	33.52	34.37	33.90
25	33.55	33.55	33.00	32.73	32.67	32.70	33.25	33.89	33.57	33.55	34.39	33.85
26	33.55	33.51	33.06	32.70	32.67	32.74	33.34	33.90	33.57	33.56	34.35	33.83
27	33.62	33.49	33.10	32.71	32.65	32.67	33.33	33.92	33.57	33.59	34.17	33.84
28	33.65	33.37	33.06	32.58	32.57	32.64	33.29	33.93	33.54	33.64	34.04	33.88
29	33.61	33.39	33.07	32.59	---	32.71	33.35	33.92	33.53	33.67	34.12	33.88
30	33.55	33.42	33.11	32.56	---	32.68	33.33	33.90	33.52	33.68	34.18	33.87
31	33.46	---	33.06	32.60	---	32.70	---	33.96	---	33.69	34.20	---

WTR YR 1995 MEAN 33.38 HIGH 32.42 LOW 34.39


343641077290103 ON-227
WATER LEVEL, IN FEET BELOW LAND SURFACE
32.2
32.4
32.6
32.8
33.0
33.2
33.4
33.6
33.8
34.0
34.2
34.4
34.6
O
N
D
J
F
M
A
M
J
J
A
S
1994
1995

ONSLOW COUNTY--Continued

343641077290106. Local number, On-230; DEHNR Dixon Tower Research Station well Y25q6.

LOCATION.--Lat 34°36'40", long 77°28'59", Hydrologic Unit 03030001, at North Carolina Divison of Forest Resources Fire Tower on U.S. Highway 17, 1.1 mi. north of Dixon School at intersection of State Highway 210 and U.S. Highway 17. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Surficial aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 22.0 ft, diameter 4 in., cased to 18.4 ft, screened interval from 18.4 to 22.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 68 ft above sea level, (levels by DEHNR). Measuring point: Top of shelter floor, 2.10 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

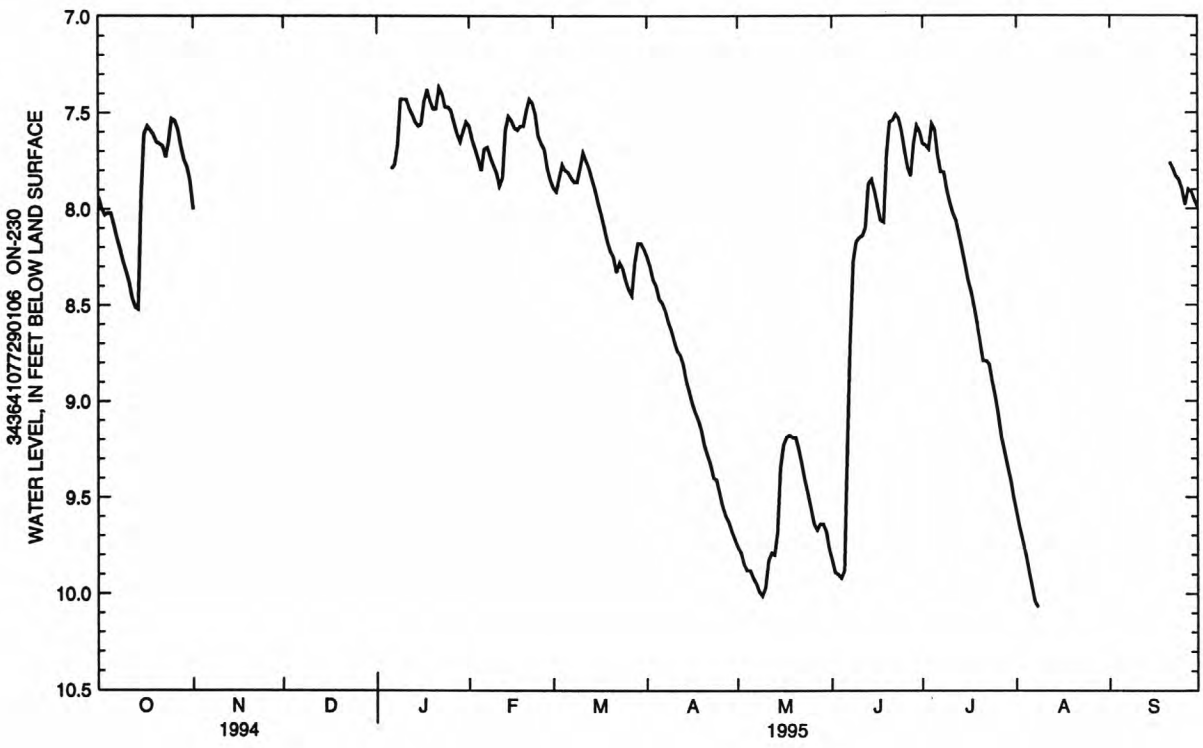
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.36 ft below land-surface datum, Jan. 22, 1995; lowest water level recorded, 10.10 ft below land-surface datum, Aug. 8, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.94	8.00	---	---	7.57	7.89	8.25	9.76	9.83	7.66	9.58	---
2	8.00	---	---	---	7.64	7.91	8.30	9.79	9.89	7.67	9.66	---
3	8.03	---	---	---	7.69	7.84	8.37	9.85	9.90	7.69	9.73	---
4	8.02	---	---	---	7.74	7.77	8.40	9.88	9.92	7.56	9.80	---
5	8.02	---	---	---	7.80	7.80	8.47	9.88	9.88	7.59	9.88	---
6	8.08	---	---	7.79	7.69	7.81	8.49	9.92	9.26	7.72	9.96	---
7	8.15	---	---	7.77	7.68	7.84	8.53	9.95	8.68	7.81	10.04	---
8	8.21	---	---	7.67	7.73	7.86	8.59	9.99	8.27	7.81	10.07	---
9	8.27	---	---	7.43	7.77	7.86	8.63	10.01	8.17	7.90	---	---
10	8.32	---	---	7.43	7.81	7.79	8.69	9.97	8.15	7.97	---	---
11	8.38	---	---	7.43	7.88	7.71	8.74	9.83	8.14	8.02	---	---
12	8.46	---	---	7.48	7.84	7.75	8.76	9.79	8.10	8.06	---	---
13	8.51	---	---	7.51	7.59	7.79	8.81	9.80	7.87	8.13	---	---
14	8.52	---	---	7.55	7.52	7.85	8.89	9.68	7.85	8.21	---	---
15	7.92	---	---	7.57	7.54	7.90	8.95	9.35	7.91	8.29	---	---
16	7.61	---	---	7.56	7.58	7.97	9.01	9.23	7.99	8.37	---	---
17	7.57	---	---	7.44	7.59	8.03	9.06	9.19	8.06	8.43	---	---
18	7.59	---	---	7.38	7.57	8.10	9.10	9.18	8.07	8.51	---	---
19	7.61	---	---	7.44	7.57	8.17	9.15	9.19	7.72	8.60	---	---
20	7.65	---	---	7.48	7.49	8.22	9.23	9.19	7.55	8.70	---	---
21	7.66	---	---	7.48	7.43	8.25	9.28	9.25	7.54	8.79	---	7.76
22	7.67	---	---	7.37	7.45	8.33	9.33	9.33	7.51	8.79	---	7.79
23	7.73	---	---	7.40	7.51	8.28	9.40	9.41	7.53	8.81	---	7.83
24	7.65	---	---	7.47	7.62	8.31	9.41	9.48	7.60	8.90	---	7.85
25	7.53	---	---	7.47	7.66	8.37	9.48	9.56	7.70	8.98	---	7.90
26	7.54	---	---	7.49	7.69	8.42	9.55	9.64	7.79	9.07	---	7.98
27	7.59	---	---	7.55	7.79	8.45	9.60	9.67	7.83	9.19	---	7.90
28	7.67	---	---	7.61	7.85	8.28	9.63	9.64	7.66	9.26	---	7.91
29	7.74	---	---	7.65	---	8.18	9.68	9.64	7.57	9.34	---	7.95
30	7.78	---	---	7.60	---	8.18	9.72	9.68	7.60	9.41	---	7.99
31	7.85	---	---	7.55	---	8.21	---	9.77	---	9.50	---	---

WTR YR 1995 MEAN 8.35 HIGH 7.37 LOW 10.07


343641077290106 ON-230
WATER LEVEL, IN FEET BELOW LAND SURFACE
7.0
7.5
8.0
8.5
9.0
9.5
10.0
10.5
O
N
D
J
F
M
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M
J
J
A
S
1994
1995

ONSLOW COUNTY--Continued

344139077211201. Local number, On-255; DEHNR Hadnot Point Research Station well X24s1.

LOCATION.--Lat 34°41'29", long 77°21'04", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, in horse pasture, south of unpaved road, 0.3 mi east of Stone Street Extension, 1.3 mi south of intersection of Stone Street Extension and Brewster Boulevard. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 90.0 ft, diameter 4 in., cased to 80.0 ft, screened interval from 80.0 to 90.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 18.63 ft above sea level, (levels by DEHNR). Measuring point: Top of floor of shelter 1.32 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

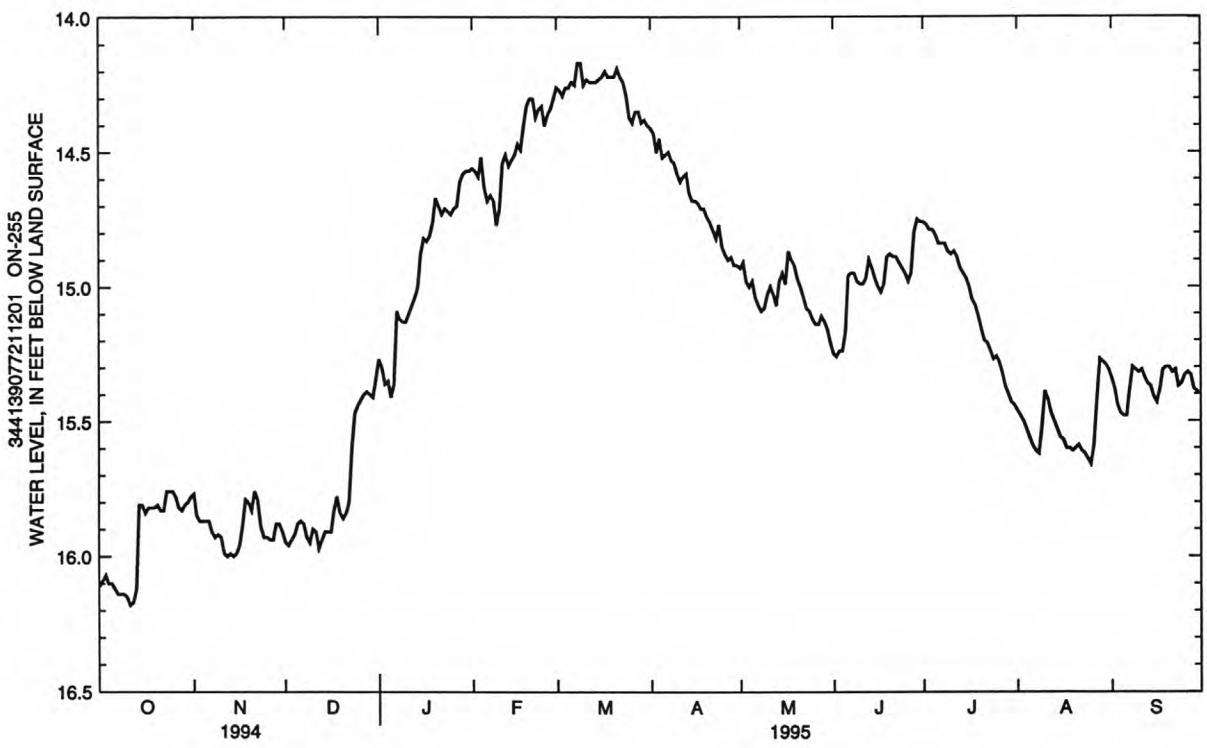
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 14.08 ft below land-surface datum, Mar. 8, 1995; lowest water level recorded, 16.19 ft below land-surface datum, Oct. 11, 1994.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	16.11	15.77	15.95	15.27	14.56	14.26	14.41	14.93	15.25	14.76	15.46	15.34
2	16.09	15.85	15.96	15.30	14.57	14.27	14.43	14.91	15.26	14.77	15.48	15.38
3	16.07	15.87	15.94	15.36	14.59	14.29	14.50	14.98	15.24	14.79	15.50	15.44
4	16.10	15.87	15.92	15.35	14.52	14.26	14.45	15.00	15.24	14.79	15.53	15.47
5	16.10	15.87	15.88	15.41	14.63	14.26	14.52	14.98	15.17	14.81	15.56	15.48
6	16.12	15.87	15.87	15.36	14.68	14.24	14.51	15.04	14.96	14.84	15.59	15.48
7	16.14	15.91	15.88	15.09	14.66	14.25	14.50	15.07	14.95	14.84	15.61	15.38
8	16.14	15.93	15.93	15.12	14.68	14.17	14.53	15.09	14.95	14.84	15.62	15.30
9	16.14	15.92	15.95	15.13	14.77	14.17	14.54	15.08	14.98	14.87	15.52	15.31
10	16.15	15.93	15.90	15.13	14.71	14.25	14.58	15.03	14.99	14.88	15.39	15.32
11	16.18	15.99	15.91	15.10	14.54	14.23	14.61	15.00	14.99	14.87	15.42	15.31
12	16.17	16.00	15.97	15.07	14.51	14.24	14.59	15.03	14.97	14.89	15.47	15.34
13	16.12	15.99	15.94	15.04	14.55	14.24	14.58	15.07	14.90	14.93	15.50	15.36
14	15.81	16.00	15.91	15.00	14.53	14.24	14.65	14.98	14.93	14.95	15.53	15.37
15	15.81	15.99	15.91	14.88	14.51	14.23	14.68	14.95	14.97	14.97	15.56	15.41
16	15.84	15.96	15.91	14.82	14.47	14.22	14.68	14.99	15.00	15.00	15.57	15.43
17	15.82	15.89	15.83	14.83	14.49	14.20	14.69	14.87	15.02	15.05	15.60	15.38
18	15.82	15.79	15.78	14.81	14.40	14.22	14.71	14.90	14.99	15.07	15.60	15.31
19	15.82	15.80	15.84	14.76	14.33	14.22	14.71	14.92	14.89	15.11	15.61	15.30
20	15.81	15.83	15.86	14.67	14.30	14.22	14.74	14.97	14.88	15.16	15.60	15.30
21	15.83	15.76	15.84	14.70	14.30	14.19	14.76	15.00	14.89	15.20	15.59	15.32
22	15.83	15.79	15.80	14.73	14.37	14.22	14.79	15.04	14.89	15.21	15.61	15.31
23	15.76	15.89	15.60	14.71	14.34	14.24	14.82	15.08	14.91	15.24	15.62	15.37
24	15.76	15.93	15.47	14.72	14.33	14.29	14.77	15.09	14.93	15.27	15.64	15.36
25	15.76	15.93	15.44	14.73	14.40	14.37	14.85	15.12	14.95	15.26	15.66	15.33
26	15.78	15.94	15.42	14.71	14.36	14.39	14.88	15.14	14.98	15.28	15.59	15.32
27	15.82	15.94	15.40	14.70	14.34	14.35	14.90	15.14	14.95	15.32	15.42	15.33
28	15.83	15.88	15.39	14.61	14.30	14.35	14.89	15.11	14.80	15.37	15.27	15.38
29	15.81	15.88	15.40	14.58	---	14.39	14.92	15.13	14.75	15.40	15.28	15.39
30	15.80	15.91	15.41	14.57	---	14.38	14.92	15.16	14.76	15.43	15.29	15.40
31	15.78	---	15.34	14.57	---	14.40	---	15.21	---	15.44	15.31	---

WTR YR 1995 MEAN 15.16 HIGH 14.17 LOW 16.18


344139077211201 ON-255
WATER LEVEL, IN FEET BELOW LAND SURFACE
14.0
14.5
15.0
15.5
16.0
16.5
O
N
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J
A
S
1994
1995

ONSLOW COUNTY--Continued

344139077211202. Local number, On-256; DEHNR Hadnot Point Research Station well X24s2.

LOCATION.--Lat 34°41'29", long 77°21'04", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, in horse pasture, south of unpaved road, 0.3 mi east of Stone Street Extension, 1.3 mi south of intersection of Stone Street Extension and Brewster Boulevard. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Black Creek aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 918.0 ft, well cased 2.5" to 918.0 ft in the Black Creek aquifer, 4" isolation casing to 208.0 ft in the Castle Hayne aquifer, and 8" isolation casing 115.0 ft in the Surficial aquifer, screened interval from 908.0 to 918.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 19.24 ft above sea level, (levels by DEHNR) . Measuring point: Top of floor of shelter 4.69 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

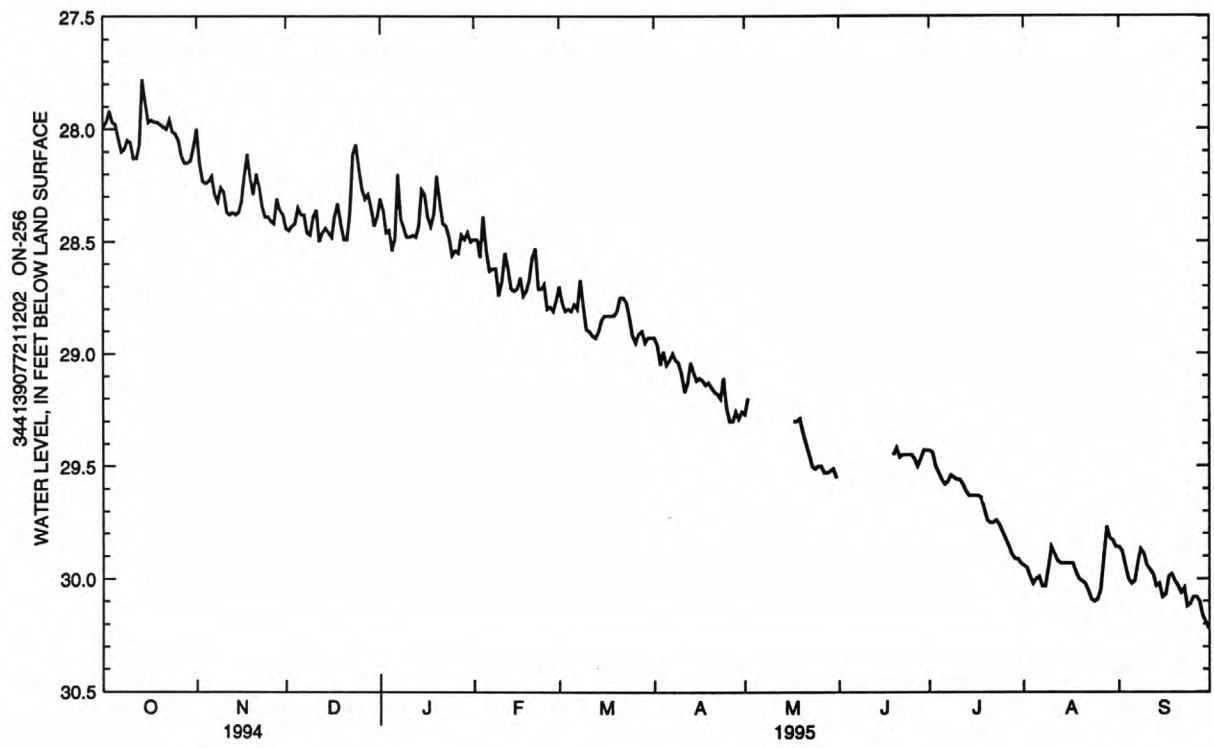
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 27.70 ft below land-surface datum, Oct. 14, 1994; lowest water level recorded, 30.24 ft below land-surface datum, Sept. 30, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.99	28.00	28.44	28.31	28.49	28.70	28.93	29.27	---	29.43	29.94	29.86
2	27.97	28.15	28.45	28.36	28.49	28.77	28.96	29.20	---	29.44	29.95	29.88
3	27.92	28.23	28.43	28.46	28.57	28.81	29.05	---	---	29.50	29.99	29.94
4	27.97	28.24	28.42	28.45	28.39	28.80	28.99	---	---	29.53	30.02	30.00
5	27.98	28.23	28.35	28.54	28.54	28.81	29.05	---	---	29.56	30.00	30.02
6	28.04	28.21	28.38	28.49	28.63	28.78	29.03	---	---	29.58	29.99	30.01
7	28.10	28.29	28.38	28.20	28.62	28.80	29.00	---	---	29.57	30.03	29.93
8	28.09	28.32	28.46	28.40	28.62	28.67	29.03	---	---	29.54	30.03	29.87
9	28.05	28.26	28.47	28.44	28.74	28.79	29.04	---	---	29.55	29.95	29.89
10	28.06	28.28	28.39	28.48	28.68	28.89	29.09	---	---	29.56	29.86	29.94
11	28.13	28.37	28.36	28.48	28.55	28.90	29.17	---	---	29.56	29.89	29.96
12	28.13	28.38	28.50	28.47	28.62	28.92	29.13	---	---	29.58	29.92	29.98
13	28.07	28.37	28.46	28.48	28.71	28.93	29.04	---	---	29.61	29.93	30.03
14	27.78	28.38	28.44	28.43	28.72	28.90	29.08	---	---	29.63	29.93	30.02
15	27.88	28.37	28.46	28.27	28.71	28.85	29.12	---	---	29.63	29.93	30.08
16	27.97	28.32	28.48	28.29	28.66	28.83	29.11	---	---	29.63	29.93	30.07
17	27.96	28.21	28.39	28.39	28.74	28.83	29.12	29.30	---	29.63	29.93	29.99
18	27.97	28.11	28.33	28.43	28.72	28.83	29.14	29.30	---	29.64	29.97	29.98
19	27.97	28.22	28.42	28.38	28.67	28.83	29.13	29.29	29.45	29.69	30.00	30.01
20	27.98	28.29	28.49	28.21	28.57	28.81	29.15	29.35	29.42	29.74	30.01	30.03
21	27.99	28.20	28.49	28.32	28.53	28.75	29.17	29.40	29.46	29.75	30.02	30.06
22	28.00	28.25	28.37	28.42	28.71	28.75	29.18	29.45	29.45	29.75	30.05	30.04
23	27.96	28.34	28.11	28.43	28.71	28.77	29.20	29.50	29.45	29.74	30.09	30.12
24	28.01	28.39	28.07	28.48	28.69	28.84	29.11	29.51	29.45	29.76	30.10	30.11
25	28.02	28.39	28.18	28.56	28.80	28.92	29.24	29.50	29.45	29.79	30.09	30.08
26	28.05	28.41	28.27	28.54	28.79	28.95	29.30	29.50	29.47	29.82	30.05	30.08
27	28.12	28.42	28.31	28.55	28.81	28.91	29.30	29.53	29.50	29.85	29.91	30.10
28	28.15	28.31	28.29	28.47	28.76	28.90	29.26	29.53	29.47	29.89	29.77	30.16
29	28.15	28.36	28.35	28.49	---	28.95	29.29	29.52	29.43	29.91	29.82	30.19
30	28.14	28.38	28.43	28.46	---	28.93	29.26	29.51	29.43	29.91	29.83	30.22
31	28.08	---	28.39	28.50	---	28.93	---	29.55	---	29.93	29.86	---

WTR YR 1995 MEAN 28.98 HIGH 27.78 LOW 30.22


344139077211202 ON-256
WATER LEVEL, IN FEET BELOW LAND SURFACE
27.5
28.0
28.5
29.0
29.5
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S
1994
1995

ONSLOW COUNTY--Continued

344139077211204. Local number, On-264; DEHNR Hadnot Point Research Station well X24s4.

LOCATION.--Lat 34°41'35", long 77°21'06", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, in horse pasture, south of unpaved road, 0.3 mi east of Stone Street Extension, 1.3 mi south of intersection of Stone Street Extension and Brewster Boulevard. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--PeeDee aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 527.0 ft, well cased 2.5" to 517.0 ft in the Pee Dee aquifer, 4" isolation casing to 208.0 ft in the Castle Hayne aquifer, and 8" isolation casing 78.0 ft in the Surficial aquifer, screened interval from 517.0 to 527.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 23.19 ft above sea level, (levels by DEHNR). Measuring point: Top of shelter floor, 3.92 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project. Well casing damaged by heavy equipment on Aug. 8; no data from Aug. 8 to Sept. 30.

PERIOD OF RECORD.--October 1994 to September 1995.

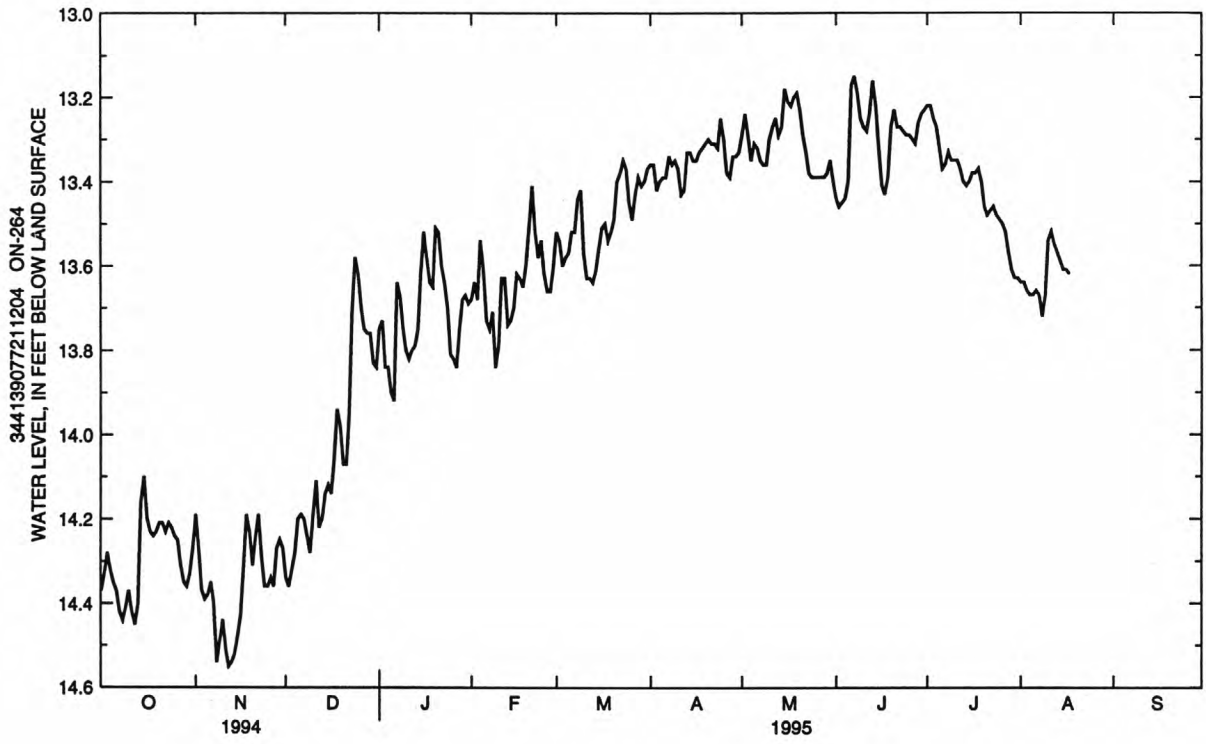
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.08 ft below land-surface datum, Jun. 6, 1995; lowest water level recorded, 14.57 ft below land-surface datum, Nov. 11, 1994.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	14.37	14.19	14.34	13.75	13.68	13.52	13.36	13.29	13.44	13.22	13.64	---
2	14.33	14.27	14.36	13.73	13.64	13.54	13.36	13.24	13.46	13.22	13.64	---
3	14.28	14.37	14.32	13.84	13.68	13.60	13.42	13.29	13.45	13.25	13.66	---
4	14.32	14.39	14.28	13.84	13.54	13.58	13.40	13.35	13.44	13.27	13.67	---
5	14.35	14.38	14.20	13.90	13.61	13.57	13.39	13.31	13.40	13.32	13.67	---
6	14.37	14.35	14.19	13.92	13.73	13.52	13.39	13.32	13.17	13.37	13.66	---
7	14.42	14.40	14.20	13.64	13.75	13.52	13.34	13.35	13.15	13.36	13.67	---
8	14.44	14.54	14.24	13.67	13.71	13.44	13.36	13.36	13.19	13.33	13.72	---
9	14.41	14.49	14.28	13.75	13.84	13.42	13.35	13.36	13.25	13.35	13.67	---
10	14.37	14.44	14.19	13.80	13.79	13.57	13.37	13.30	13.27	13.35	13.54	---
11	14.42	14.51	14.11	13.82	13.63	13.63	13.43	13.27	13.28	13.35	13.52	---
12	14.45	14.55	14.22	13.80	13.63	13.63	13.42	13.25	13.24	13.37	13.55	---
13	14.40	14.54	14.20	13.79	13.74	13.64	13.33	13.29	13.16	13.40	13.57	---
14	14.16	14.52	14.14	13.75	13.73	13.61	13.33	13.27	13.22	13.41	13.59	---
15	14.10	14.48	14.12	13.62	13.70	13.56	13.35	13.18	13.32	13.40	13.61	---
16	14.20	14.43	14.14	13.52	13.62	13.51	13.35	13.21	13.41	13.38	13.61	---
17	14.23	14.32	14.06	13.58	13.63	13.50	13.33	13.22	13.43	13.38	13.62	---
18	14.24	14.19	13.94	13.64	13.65	13.54	13.32	13.20	13.39	13.37	---	---
19	14.23	14.23	13.98	13.65	13.60	13.52	13.31	13.19	13.27	13.40	---	---
20	14.21	14.31	14.07	13.51	13.51	13.49	13.30	13.23	13.23	13.46	---	---
21	14.21	14.24	14.07	13.52	13.41	13.40	13.31	13.29	13.27	13.48	---	---
22	14.23	14.19	13.95	13.60	13.52	13.38	13.31	13.33	13.27	13.47	---	---
23	14.21	14.29	13.71	13.64	13.58	13.35	13.32	13.38	13.28	13.46	---	---
24	14.22	14.36	13.58	13.70	13.54	13.37	13.25	13.39	13.29	13.48	---	---
25	14.24	14.36	13.62	13.81	13.62	13.45	13.30	13.39	13.29	13.49	---	---
26	14.25	14.34	13.70	13.82	13.66	13.49	13.38	13.39	13.30	13.50	---	---
27	14.31	14.36	13.75	13.84	13.66	13.43	13.39	13.39	13.31	13.52	---	---
28	14.35	14.27	13.76	13.75	13.60	13.39	13.34	13.39	13.26	13.57	---	---
29	14.36	14.25	13.76	13.68	---	13.41	13.34	13.38	13.24	13.61	---	---
30	14.33	14.27	13.83	13.67	---	13.40	13.33	13.35	13.23	13.63	---	---
31	14.27	---	13.84	13.69	---	13.37	---	13.40	---	13.63	---	---

WTR YR 1995 MEAN 13.69 HIGH 13.15 LOW 14.55


344139077211204 ON-264
WATER LEVEL, IN FEET BELOW LAND SURFACE
13.0
13.2
13.4
13.6
13.8
14.0
14.2
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S
1994
1995

ONSLOW COUNTY--Continued

344139077211205. Local number, On-265; DEHNR Hadnot Point Research Station well X24s5.

LOCATION.--Lat 34°41'35", long 77°21'07", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, in horse pasture, south of unpaved road, 0.3 mi east of Stone Street Extension, 1.3 mi south of intersection of Stone Street Extension and Brewster Boulevard. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 295.0 ft, well cased 2.5" to 285.0 ft in the Castle Hayne aquifer, 4" isolation casing to 117.0 ft in the Surficial aquifer, screened interval from 285.0 to 295.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 23.26 ft above sea level, (levels by DEHNR). Measuring point: Top of shelter floor, 3.47 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

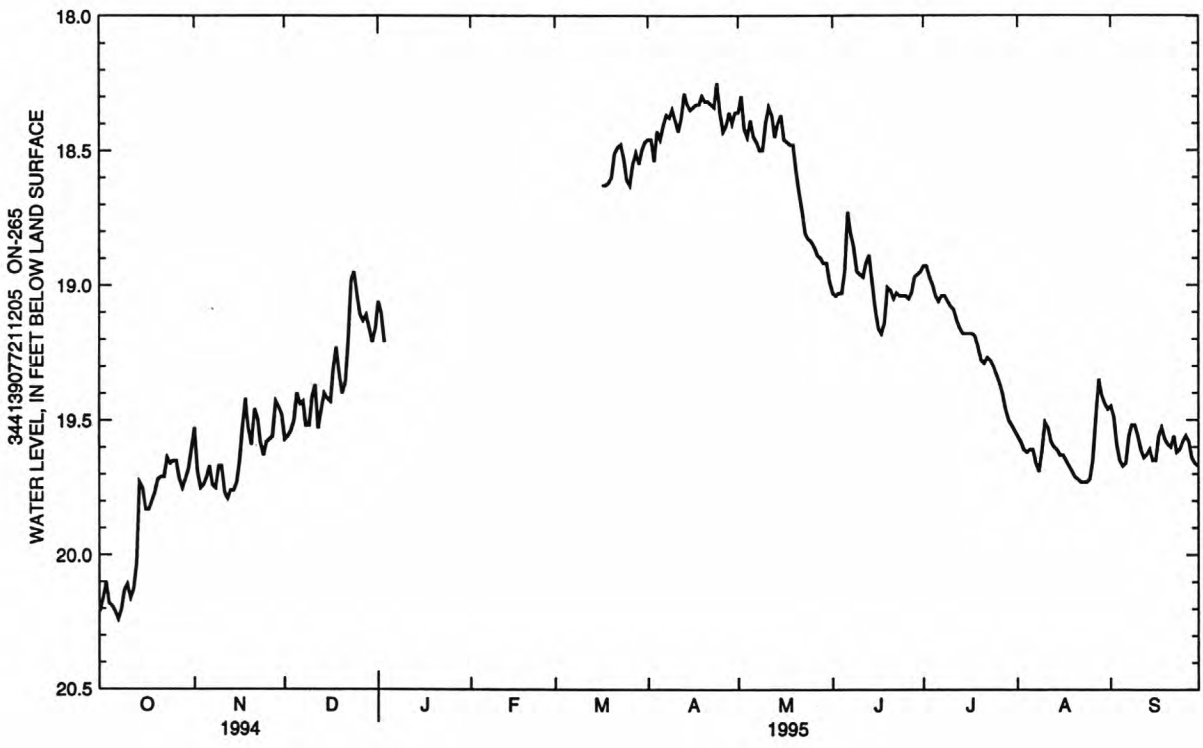
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 18.22 ft below land-surface datum, Apr. 24, 1995; lowest water level recorded, 20.26 ft below land-surface datum, Oct. 7, 1994.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	20.21	19.53	19.57	19.06	---	---	18.46	18.36	19.03	18.93	19.56	19.45
2	20.16	19.69	19.56	19.10	---	---	18.46	18.30	19.04	18.93	19.58	19.49
3	20.10	19.75	19.54	19.21	---	---	18.54	18.42	19.03	18.97	19.61	19.59
4	20.18	19.74	19.50	---	---	---	18.43	18.45	19.03	19.00	19.62	19.65
5	20.19	19.71	19.40	---	---	---	18.46	18.39	18.95	19.04	19.61	19.67
6	20.21	19.67	19.44	---	---	---	18.41	18.45	18.73	19.06	19.61	19.66
7	20.24	19.74	19.43	---	---	---	18.37	18.47	18.81	19.04	19.66	19.56
8	20.20	19.75	19.52	---	---	---	18.38	18.50	18.86	19.04	19.69	19.52
9	20.13	19.67	19.52	---	---	---	18.35	18.50	18.95	19.06	19.61	19.52
10	20.11	19.67	19.41	---	---	---	18.39	18.40	18.96	19.08	19.51	19.56
11	20.16	19.77	19.37	---	---	---	18.43	18.34	18.97	19.09	19.53	19.61
12	20.13	19.79	19.53	---	---	---	18.38	18.37	18.92	19.13	19.58	19.64
13	20.03	19.76	19.46	---	---	---	18.29	18.45	18.89	19.16	19.60	19.63
14	19.73	19.76	19.40	---	---	---	18.33	18.40	18.99	19.18	19.61	19.61
15	19.75	19.73	19.42	---	---	---	18.35	18.37	19.09	19.18	19.63	19.65
16	19.83	19.65	19.43	---	---	---	18.34	18.46	19.16	19.18	19.63	19.65
17	19.83	19.53	19.31	---	---	18.63	18.33	18.47	19.18	19.18	19.65	19.56
18	19.80	19.42	19.23	---	---	18.63	18.33	18.48	19.14	19.19	19.67	19.53
19	19.77	19.53	19.33	---	---	18.62	18.30	18.48	19.01	19.23	19.69	19.57
20	19.72	19.59	19.40	---	---	18.60	18.32	18.58	19.02	19.28	19.71	19.59
21	19.71	19.46	19.36	---	---	18.51	18.32	18.66	19.05	19.29	19.72	19.60
22	19.71	19.49	19.21	---	---	18.49	18.33	18.73	19.03	19.27	19.73	19.56
23	19.64	19.58	18.98	---	---	18.48	18.34	18.81	19.04	19.28	19.73	19.62
24	19.66	19.63	18.95	---	---	18.53	18.25	18.83	19.04	19.30	19.73	19.61
25	19.65	19.58	19.04	---	---	18.61	18.36	18.84	19.04	19.33	19.72	19.58
26	19.65	19.57	19.11	---	---	18.63	18.43	18.86	19.05	19.36	19.65	19.56
27	19.72	19.56	19.13	---	---	18.55	18.41	18.89	19.03	19.40	19.49	19.58
28	19.75	19.43	19.11	---	---	18.51	18.36	18.90	18.97	19.46	19.35	19.64
29	19.72	19.45	19.16	---	---	18.55	18.40	18.92	18.96	19.50	19.41	19.66
30	19.68	19.48	19.21	---	---	18.50	18.36	18.92	18.95	19.52	19.44	19.67
31	19.61	---	19.16	---	---	18.47	---	18.99	---	19.54	19.46	---

WTR YR 1995 MEAN 19.21 HIGH 18.25 LOW 20.24


344139077211205 ON-265
WATER LEVEL, IN FEET BELOW LAND SURFACE
18.0
18.5
19.0
19.5
20.0
20.5
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M
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1994
1995

ONSLOW COUNTY--Continued

344139077211206. Local number, On-266; DEHNR Hadnot Point Research Station well X24s6.

LOCATION.--Lat 34°41'35", long 77°21'07", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, in horse pasture, south of unpaved road, 0.3 mi east of Stone Street Extension, 1.3 mi south of intersection of Stone Street Extension and Brewster Boulevard. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 130.0 ft, diameter 6 in., cased to 120.0 ft, screened interval from 120.0 to 130.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 23.47 ft above sea level, (levels by DEHNR) . Measuring point: Top of shelter floor, 1.73 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

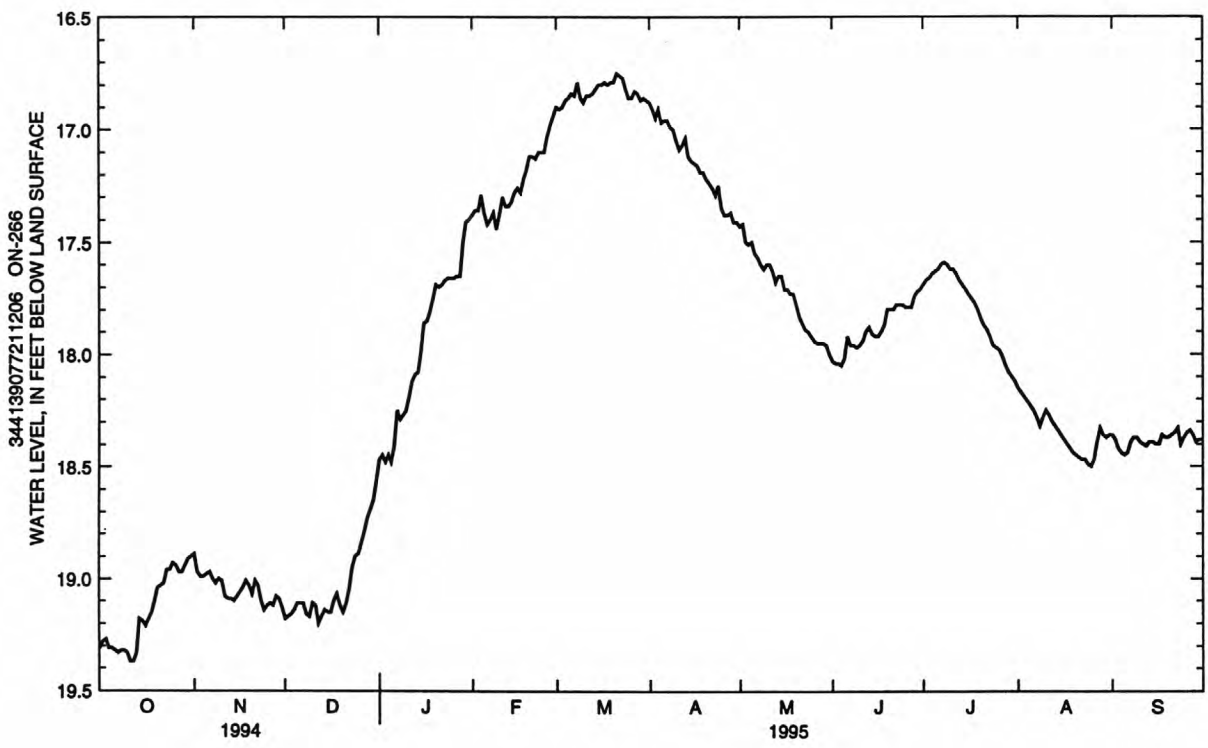
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.73 ft below land-surface datum, Mar. 21, 1995; lowest water level recorded, 19.38 ft below land-surface datum, Oct. 11, 1994.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.31	18.89	19.18	18.47	17.38	16.90	16.88	17.43	18.03	17.69	18.15	18.36
2	19.28	18.97	19.17	18.45	17.36	16.91	16.91	17.42	18.04	17.67	18.17	18.38
3	19.27	18.99	19.16	18.48	17.36	16.90	16.95	17.50	18.04	17.66	18.19	18.42
4	19.31	18.99	19.14	18.45	17.29	16.87	16.91	17.51	18.05	17.64	18.21	18.44
5	19.31	18.98	19.11	18.48	17.37	16.86	16.97	17.50	18.02	17.63	18.23	18.45
6	19.32	18.97	19.11	18.41	17.42	16.84	16.96	17.55	17.92	17.62	18.25	18.44
7	19.33	19.00	19.11	18.25	17.40	16.85	16.96	17.57	17.96	17.60	18.28	18.39
8	19.32	19.02	19.16	18.29	17.37	16.79	16.99	17.60	17.96	17.59	18.32	18.37
9	19.32	19.00	19.17	18.27	17.44	16.86	17.00	17.62	17.97	17.60	18.28	18.37
10	19.33	19.01	19.11	18.25	17.38	16.88	17.05	17.60	17.96	17.62	18.25	18.39
11	19.37	19.08	19.12	18.19	17.30	16.85	17.09	17.60	17.94	17.62	18.27	18.40
12	19.37	19.09	19.20	18.12	17.34	16.85	17.07	17.63	17.90	17.64	18.30	18.41
13	19.33	19.09	19.17	18.09	17.34	16.84	17.04	17.68	17.88	17.67	18.32	18.39
14	19.18	19.10	19.14	18.08	17.32	16.82	17.12	17.65	17.91	17.69	18.34	18.39
15	19.19	19.08	19.15	17.99	17.28	16.80	17.14	17.65	17.92	17.71	18.36	18.40
16	19.21	19.06	19.15	17.86	17.26	16.80	17.15	17.71	17.92	17.73	18.38	18.40
17	19.18	19.04	19.10	17.85	17.28	16.79	17.16	17.71	17.90	17.75	18.40	18.36
18	19.15	19.01	19.07	17.81	17.22	16.80	17.19	17.73	17.87	17.77	18.42	18.37
19	19.10	19.03	19.12	17.75	17.18	16.79	17.19	17.73	17.80	17.80	18.44	18.37
20	19.04	19.07	19.15	17.69	17.12	16.79	17.22	17.78	17.80	17.84	18.45	18.36
21	19.03	19.01	19.11	17.70	17.12	16.75	17.24	17.83	17.80	17.87	18.46	18.35
22	19.02	19.03	19.05	17.69	17.13	16.76	17.26	17.86	17.78	17.89	18.47	18.33
23	18.96	19.10	18.95	17.67	17.10	16.77	17.29	17.89	17.78	17.92	18.47	18.40
24	18.96	19.14	18.90	17.66	17.10	16.82	17.25	17.90	17.78	17.96	18.49	18.37
25	18.93	19.12	18.89	17.66	17.10	16.86	17.35	17.92	17.79	17.97	18.50	18.35
26	18.94	19.11	18.84	17.66	17.03	16.86	17.38	17.94	17.79	17.98	18.47	18.34
27	18.97	19.12	18.79	17.65	16.98	16.83	17.38	17.95	17.79	18.01	18.39	18.36
28	18.97	19.08	18.73	17.65	16.94	16.84	17.37	17.95	17.74	18.05	18.33	18.39
29	18.94	19.09	18.69	17.50	---	16.87	17.41	17.95	17.72	18.08	18.36	18.38
30	18.91	19.13	18.65	17.41	---	16.86	17.41	17.96	17.71	18.10	18.37	18.38
31	18.90	---	18.56	17.40	---	16.87	---	18.00	---	18.12	18.36	---

WTR YR 1995 MEAN 18.05 HIGH 16.75 LOW 19.37


344139077211206 ON-266
WATER LEVEL, IN FEET BELOW LAND SURFACE
16.5
17.0
17.5
18.0
18.5
19.0
19.5
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J
A
S
1994
1995

ONSLOW COUNTY--Continued

344139077211207. Local number, On-267; DEHNR Hadnot Point Research Station well X24s7.

LOCATION.--Lat 34°41'35", long 77°21'07", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, in horse pasture, south of unpaved road, 0.3 mi east of Stone Street Extension, 1.3 mi south of intersection of Stone Street Extension and Brewster Boulevard. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Surficial aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 40.0 ft, diameter 4 in., cased to 30.0 ft, screened interval from 30.0 to 40.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 24.06 ft above sea level, (levels by DEHNR) . Measuring point: Top of shelter floor, 0.93 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

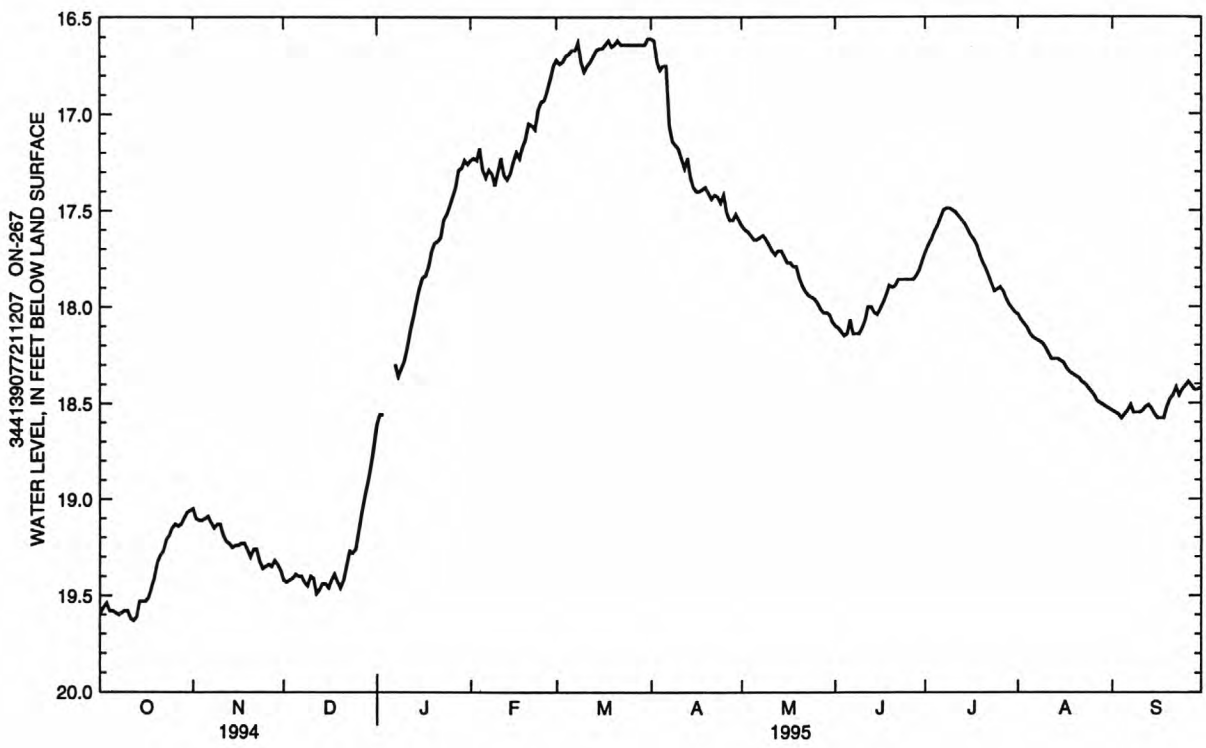
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 16.59 ft below land-surface datum, Mar. 20, 1995; lowest water level recorded, 19.63 ft below land-surface datum, Oct. 11, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	19.59	19.05	19.42	18.61	17.24	16.72	16.61	17.58	18.10	17.72	18.04	18.54
2	19.56	19.10	19.43	18.56	17.23	16.74	16.62	17.60	18.11	17.68	18.07	18.55
3	19.54	19.11	19.42	18.56	17.24	16.73	16.73	17.61	18.13	17.65	18.09	18.56
4	19.58	19.11	19.41	---	17.18	16.70	16.77	17.63	18.15	17.61	18.11	18.58
5	19.58	19.10	19.39	---	17.29	16.69	16.75	17.65	18.14	17.58	18.14	18.56
6	19.59	19.09	19.40	---	17.33	16.67	16.75	17.65	18.07	17.54	18.16	18.54
7	19.60	19.12	19.40	18.30	17.29	16.67	17.06	17.64	18.14	17.50	18.17	18.51
8	19.59	19.15	19.43	18.36	17.31	16.63	17.14	17.63	18.14	17.49	18.18	18.55
9	19.58	19.13	19.45	18.32	17.37	16.73	17.16	17.65	18.14	17.49	18.19	18.55
10	19.58	19.13	19.40	18.28	17.30	16.78	17.18	17.68	18.11	17.50	18.21	18.55
11	19.62	19.19	19.41	18.21	17.23	16.75	17.23	17.71	18.07	17.51	18.24	18.54
12	19.63	19.22	19.49	18.12	17.32	16.73	17.28	17.73	18.00	17.53	18.27	18.52
13	19.61	19.23	19.47	18.05	17.34	16.70	17.23	17.71	18.00	17.55	18.27	18.51
14	19.53	19.25	19.44	17.97	17.31	16.67	17.33	17.71	18.03	17.57	18.27	18.53
15	19.53	19.24	19.44	17.90	17.25	16.66	17.38	17.74	18.04	17.60	18.28	18.56
16	19.53	19.24	19.46	17.85	17.20	16.66	17.40	17.77	18.01	17.63	18.29	18.58
17	19.51	19.23	19.42	17.84	17.23	16.64	17.40	17.77	17.98	17.65	18.32	18.58
18	19.46	19.23	19.39	17.79	17.17	16.62	17.39	17.79	17.94	17.68	18.34	18.58
19	19.41	19.26	19.43	17.71	17.13	16.65	17.38	17.79	17.89	17.73	18.35	18.52
20	19.33	19.30	19.46	17.67	17.05	16.64	17.41	17.85	17.90	17.77	18.36	18.48
21	19.29	19.26	19.42	17.66	17.06	16.62	17.44	17.89	17.89	17.80	18.37	18.46
22	19.27	19.26	19.35	17.64	17.08	16.64	17.42	17.92	17.86	17.84	18.39	18.42
23	19.21	19.32	19.27	17.55	16.98	16.64	17.43	17.94	17.86	17.88	18.40	18.46
24	19.19	19.36	19.28	17.52	16.94	16.64	17.46	17.95	17.86	17.92	18.42	18.43
25	19.15	19.35	19.26	17.48	16.93	16.64	17.42	17.96	17.86	17.91	18.44	18.41
26	19.13	19.34	19.17	17.43	16.88	16.64	17.51	17.98	17.86	17.90	18.46	18.39
27	19.14	19.35	19.08	17.38	16.82	16.64	17.55	18.01	17.86	17.92	18.49	18.41
28	19.13	19.32	18.99	17.29	16.75	16.64	17.55	18.03	17.84	17.96	18.50	18.43
29	19.10	19.34	18.91	17.28	---	16.64	17.52	18.03	17.81	17.99	18.51	18.43
30	19.07	19.37	18.83	17.24	---	16.64	17.55	18.04	17.76	18.01	18.52	18.42
31	19.06	---	18.72	17.26	---	16.61	---	18.08	---	18.03	18.53	---

WTR YR 1995 MEAN 18.11 HIGH 16.61 LOW 19.63


344139077211207 ON-267
WATER LEVEL, IN FEET BELOW LAND SURFACE
16.5
17.0
17.5
18.0
18.5
19.0
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1994
1995

ONSLOW COUNTY--Continued

Paradise Point

344304077232901. Local number, On-290; USGS Paradise Point Well

LOCATION.--Lat 34°43'04", long 77°23'31", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, 500 ft northeast of the fifteenth hole of the Brewster Blvd. Camp Lejeune Golf Course. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 232.0 ft, diameter 4 in., cased to 222.0 ft, screened interval from 222.0 to 232.0 ft.

↳ wrong

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 15 ft above sea level, (from topographic map). Measuring point: Top of shelter floor, 2.47 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995. correct ?

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.58 ft below land-surface datum, Apr. 2, 1995; lowest water level recorded, 12.32 ft below land-surface datum, Aug. 7, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.60	16.50	16.03	15.98	16.36	16.26	15.44	16.07	17.15	17.09	18.12	18.35
2	17.52	16.57	16.07	15.98	16.36	16.24	15.42	16.01	17.20	17.09	18.16	18.35
3	17.39	16.67	16.06	16.13	16.42	16.24	15.49	16.09	17.25	17.09	18.24	18.36
4	17.36	16.68	16.05	16.15	16.21	16.17	15.49	16.15	17.27	17.09	18.31	18.36
5	17.33	16.68	15.97	16.26	16.33	16.14	15.50	16.14	17.29	17.12	18.35	18.36
6	17.30	16.63	15.92	16.25	16.47	16.06	15.51	16.15	17.07	17.17	18.36	18.37
7	17.30	16.60	15.93	15.90	16.50	16.05	15.45	16.16	17.04	17.18	18.44	18.22
8	17.29	16.62	15.98	16.14	16.52	15.87	15.47	16.17	17.09	17.19	18.48	18.09
9	17.22	16.57	16.03	16.24	16.71	15.90	15.49	16.17	17.17	17.19	18.44	18.06
10	17.14	16.51	15.96	16.29	16.71	16.05	15.55	16.15	17.21	17.20	18.32	18.04
11	17.14	16.52	15.88	16.31	16.65	16.06	15.66	16.09	17.22	17.20	18.34	18.04
12	17.12	16.53	16.03	16.31	16.70	16.04	15.67	16.07	17.22	17.22	18.40	18.04
13	17.01	16.48	16.04	16.31	16.85	16.04	15.59	16.12	17.14	17.26	18.41	18.04
14	16.59	16.43	16.02	16.26	16.87	15.97	15.59	16.17	17.17	17.30	18.43	18.03
15	16.61	16.37	16.02	15.99	16.88	15.86	15.62	16.18	17.24	17.33	18.47	18.01
16	16.73	16.24	16.07	15.93	16.86	15.78	15.64	16.24	17.32	17.34	18.50	18.01
17	16.74	16.08	16.04	16.08	16.86	15.71	15.63	16.27	17.37	17.41	18.51	17.88
18	16.73	15.89	15.97	16.10	16.87	15.66	15.64	16.29	17.37	17.46	18.54	17.78
19	16.73	15.91	16.04	16.04	16.77	15.63	15.65	16.36	17.22	17.58	18.59	17.78
20	16.73	15.98	16.14	15.79	16.56	15.57	15.66	16.49	17.13	17.68	18.61	17.83
21	16.72	15.91	16.17	15.90	16.39	15.46	15.70	16.58	17.13	17.73	18.61	17.87
22	16.72	15.88	16.11	16.08	16.51	15.46	15.74	16.70	17.14	17.76	18.63	17.87
23	16.69	16.02	15.83	16.12	16.53	15.46	15.84	16.81	17.14	17.79	18.69	17.89
24	16.66	16.10	15.73	16.22	16.49	15.47	15.85	16.89	17.12	17.85	18.72	17.95
25	16.67	16.13	15.79	16.39	16.55	15.56	15.92	16.92	17.10	17.93	18.71	17.93
26	16.67	16.11	15.88	16.40	16.54	15.61	16.02	16.94	17.10	17.94	18.62	17.86
27	16.68	16.11	15.97	16.39	16.51	15.60	16.06	16.98	17.10	17.91	18.45	17.82
28	16.70	16.01	15.98	16.32	16.41	15.56	16.07	17.01	17.09	17.98	18.32	17.81
29	16.70	15.96	16.01	16.29	---	15.56	16.08	17.02	17.09	18.05	18.34	17.78
30	16.69	15.97	16.11	16.32	---	15.54	16.08	17.03	17.09	18.07	18.35	17.75
31	16.68	---	16.09	16.34	---	15.50	---	17.09	---	18.09	18.35	---

WTR YR 1995 MEAN 16.75 HIGH 15.42 LOW 18.72

10 wells at Brewster Blvd + Holcomb

ATEC - ?

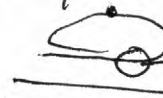
what for ?

Access Road E of Clubhouse
South of driving range
End of driving range

Note → need smaller float wheel for 2" wells!

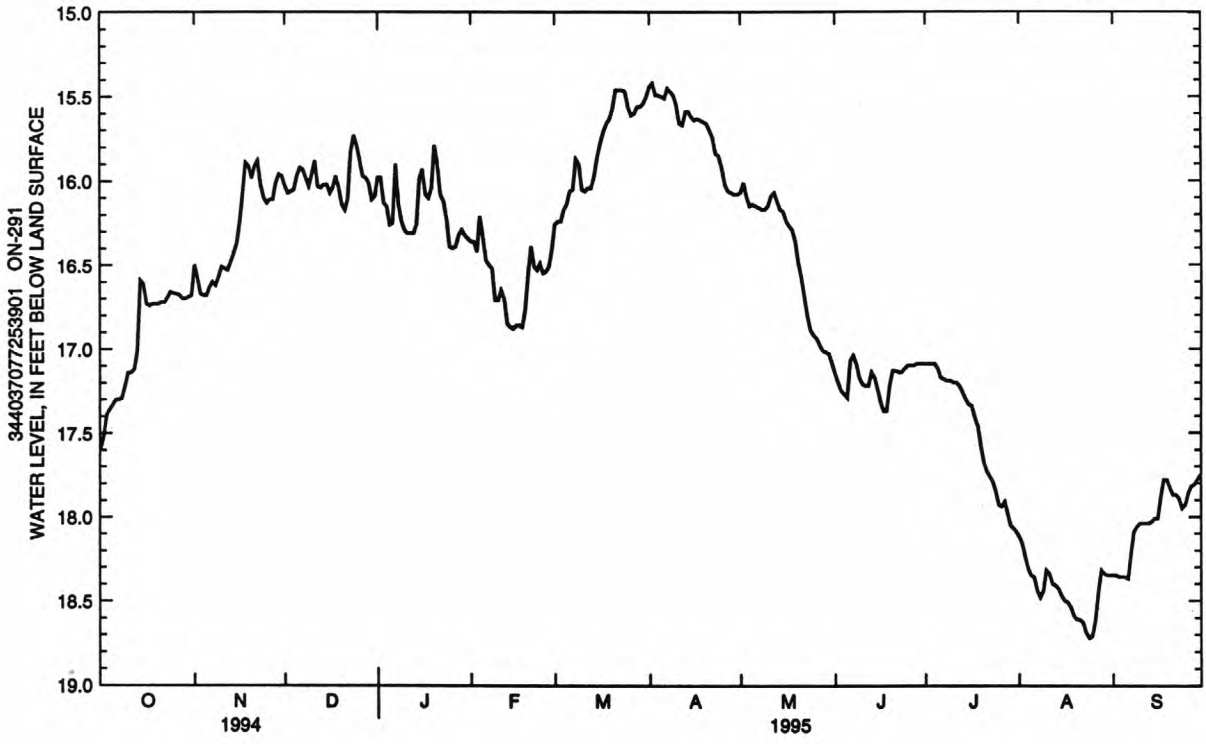
2 - 2" PVC wells.
MP = 2.47'

* More than 1 course



differentiated by direct

— use post hospital.



No lock or protective casing on adjacent well

No Label

0 - 2' pvc. no lock

ONSLOW COUNTY--Continued

344037077253901. Local number, On-291; USGS Ragged Point Well

LOCATION.--Lat 34°40'34", long 77°25'40", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, west of TLZ Eagle Road, 0.9 mi north of Verona Loop Road, 2.05 mi east of intersection of Verona Loop Road and U.S. Highway 17. Owner: U.S. Geoloical Survey.

AQUIFER.--Castle hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 180.0 ft, diameter 4 in., cased to 170.0 ft, screened interval from 170.0 to 180.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 25 ft above sea level, (from topographic map). Measuring point: Top of shelter floor, 2.87 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

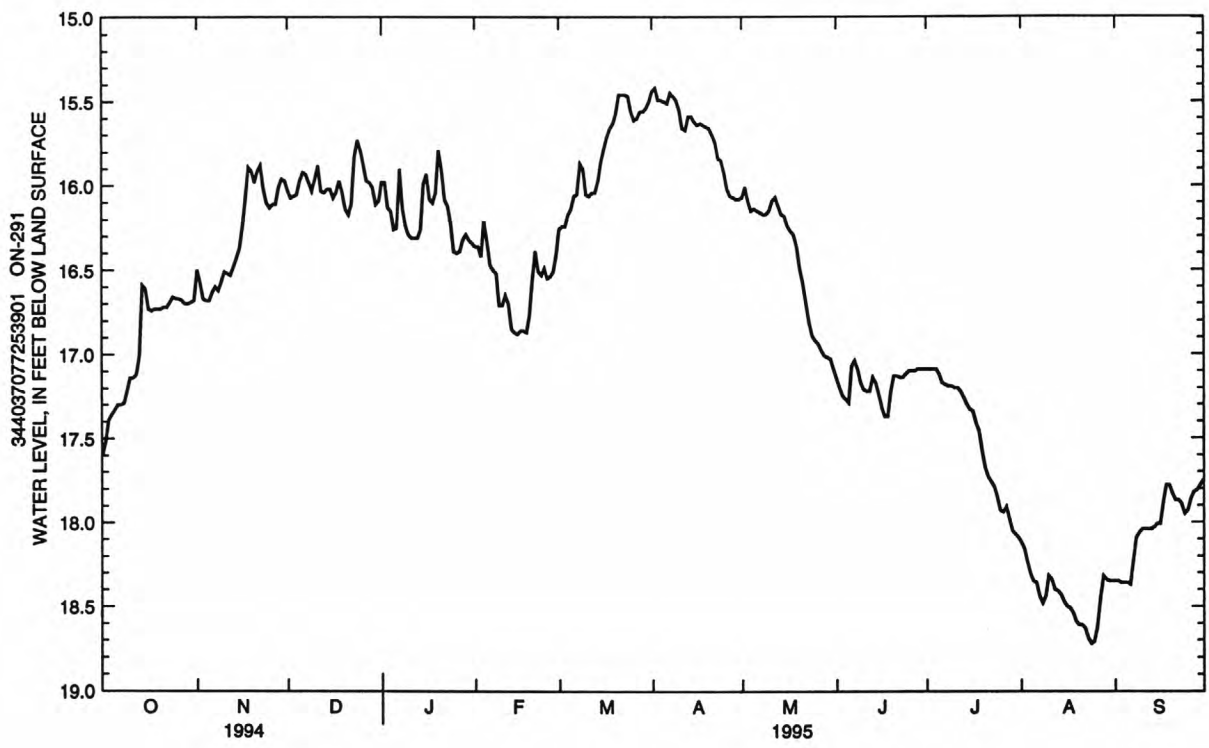
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 15.41 ft below land-surface datum, Apr. 2, 1995; lowest water level recorded, 18.73 ft below land-surface datum, Aug. 24, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.60	16.50	16.03	15.98	16.36	16.26	15.44	16.07	17.15	17.09	18.12	18.35
2	17.52	16.57	16.07	15.98	16.36	16.24	15.42	16.01	17.20	17.09	18.16	18.35
3	17.39	16.67	16.06	16.13	16.42	16.24	15.49	16.09	17.25	17.09	18.24	18.36
4	17.36	16.68	16.05	16.15	16.21	16.17	15.49	16.15	17.27	17.09	18.31	18.36
5	17.33	16.68	15.97	16.26	16.33	16.14	15.50	16.14	17.29	17.12	18.35	18.36
6	17.30	16.63	15.92	16.25	16.47	16.06	15.51	16.15	17.07	17.17	18.36	18.37
7	17.30	16.60	15.93	15.90	16.50	16.05	15.45	16.16	17.04	17.18	18.44	18.22
8	17.29	16.62	15.98	16.14	16.52	15.87	15.47	16.17	17.09	17.19	18.48	18.09
9	17.22	16.57	16.03	16.24	16.71	15.90	15.49	16.17	17.17	17.19	18.44	18.06
10	17.14	16.51	15.96	16.29	16.71	16.05	15.55	16.15	17.21	17.20	18.32	18.04
11	17.14	16.52	15.88	16.31	16.65	16.06	15.66	16.09	17.22	17.20	18.34	18.04
12	17.12	16.53	16.03	16.31	16.70	16.04	15.67	16.07	17.22	17.22	18.40	18.04
13	17.01	16.48	16.04	16.31	16.85	16.04	15.59	16.12	17.14	17.26	18.41	18.04
14	16.59	16.43	16.02	16.26	16.87	15.97	15.59	16.17	17.17	17.30	18.43	18.03
15	16.61	16.37	16.02	15.99	16.88	15.86	15.62	16.18	17.24	17.33	18.47	18.01
16	16.73	16.24	16.07	15.93	16.86	15.78	15.64	16.24	17.32	17.34	18.50	18.01
17	16.74	16.08	16.04	16.08	16.86	15.71	15.63	16.27	17.37	17.41	18.51	17.88
18	16.73	15.89	15.97	16.10	16.87	15.66	15.64	16.29	17.37	17.46	18.54	17.78
19	16.73	15.91	16.04	16.04	16.77	15.63	15.65	16.36	17.22	17.58	18.59	17.78
20	16.73	15.98	16.14	15.79	16.56	15.57	15.66	16.49	17.13	17.68	18.61	17.83
21	16.72	15.91	16.17	15.90	16.39	15.46	15.70	16.58	17.13	17.73	18.61	17.87
22	16.72	15.88	16.11	16.08	16.51	15.46	15.74	16.70	17.14	17.76	18.63	17.87
23	16.69	16.02	15.83	16.12	16.53	15.46	15.84	16.81	17.14	17.79	18.69	17.89
24	16.66	16.10	15.73	16.22	16.49	15.47	15.85	16.89	17.12	17.85	18.72	17.95
25	16.67	16.13	15.79	16.39	16.55	15.56	15.92	16.92	17.10	17.93	18.71	17.93
26	16.67	16.11	15.88	16.40	16.54	15.61	16.02	16.94	17.10	17.94	18.62	17.86
27	16.68	16.11	15.97	16.39	16.51	15.60	16.06	16.98	17.10	17.91	18.45	17.82
28	16.70	16.01	15.98	16.32	16.41	15.56	16.07	17.01	17.09	17.98	18.32	17.81
29	16.70	15.96	16.01	16.29	---	15.56	16.08	17.02	17.09	18.05	18.34	17.78
30	16.69	15.97	16.11	16.32	---	15.54	16.08	17.03	17.09	18.07	18.35	17.75
31	16.68	---	16.09	16.34	---	15.50	---	17.09	---	18.09	18.35	---

WTR YR 1995 MEAN 16.75 HIGH 15.42 LOW 18.72


344037077253901 ON-291
WATER LEVEL, IN FEET BELOW LAND SURFACE
15.0
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ONSLOW COUNTY--Continued

343512077265601. Local number, On-292; USGS Rifle Range Well RR-97

LOCATION.--Lat 34°35'12", long 77°26'56", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, 20 ft east of unpaved road, 0.8 miles northeast of NC Highway 210, 1.3 miles east of intersection of State Highway 210 and U.S. Highway 17. Owner: U.S. Marine Corps.

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled supply well.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 50 ft above sea level, (from topographic map). Measuring point: Top of shelter floor, 1.97 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

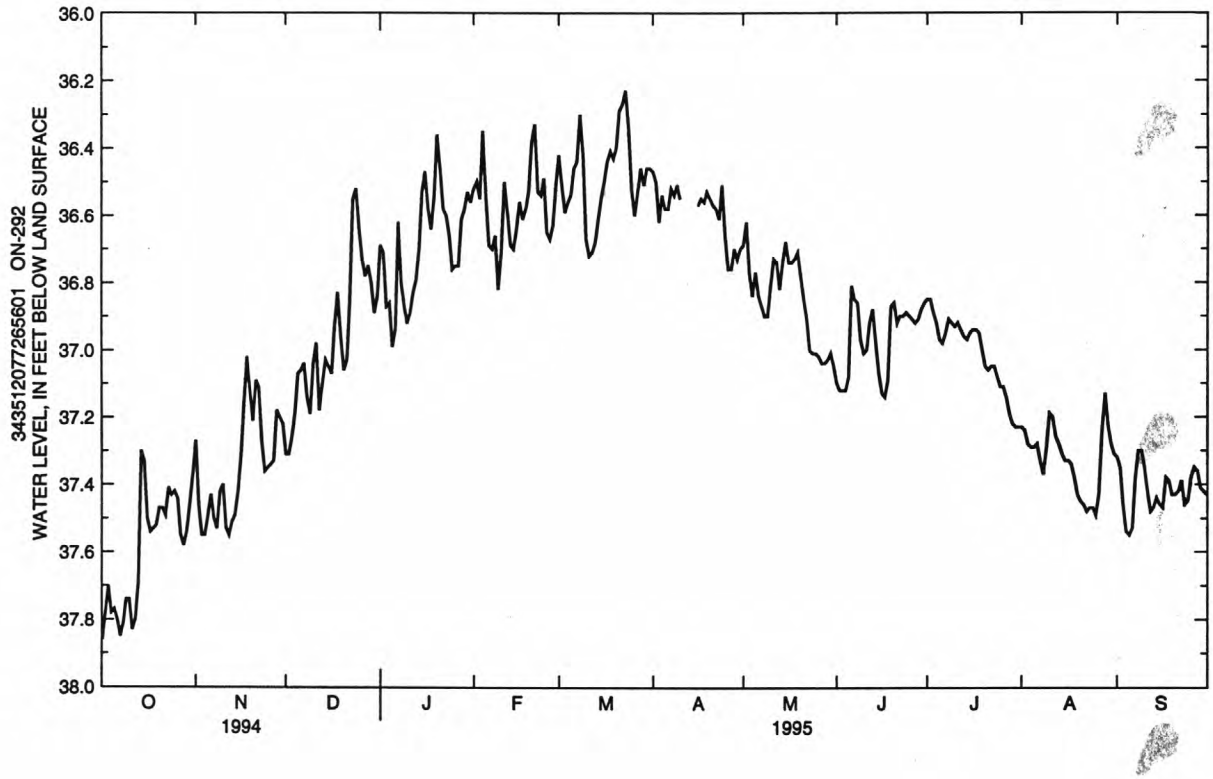
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 36.19 ft below land-surface datum, Mar.23, 1995; lowest water level recorded, 38.41 ft below land-surface datum, Sept. 20, 1995.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	37.86	37.27	37.31	36.69	36.52	36.42	36.47	36.69	37.10	36.85	37.23	37.32
2	37.78	37.46	37.31	36.71	36.50	36.51	36.50	36.62	37.12	36.85	37.24	37.35
3	37.70	37.55	37.26	36.87	36.55	36.59	36.62	36.77	37.12	36.89	37.28	37.46
4	37.78	37.55	37.19	36.86	36.35	36.56	36.54	36.84	37.12	36.92	37.29	37.54
5	37.77	37.49	37.07	36.99	36.54	36.54	36.58	36.77	37.08	36.97	37.29	37.55
6	37.80	37.43	37.06	36.94	36.69	36.46	36.58	36.84	36.81	36.98	37.28	37.53
7	37.85	37.50	37.04	36.62	36.70	36.44	36.52	36.87	36.85	36.95	37.33	37.38
8	37.81	37.53	37.14	36.80	36.66	36.30	36.54	36.90	36.86	36.91	37.37	37.30
9	37.74	37.42	37.19	36.87	36.82	36.42	36.51	36.90	36.97	36.92	37.29	37.30
10	37.74	37.40	37.04	36.92	36.71	36.67	36.55	36.81	37.01	36.93	37.19	37.35
11	37.83	37.53	36.98	36.89	36.50	36.72	---	36.73	37.00	36.92	37.20	37.42
12	37.80	37.55	37.18	36.83	36.59	36.71	---	36.74	36.92	36.94	37.26	37.48
13	37.69	37.51	37.10	36.79	36.69	36.68	---	36.82	36.88	36.96	37.28	37.47
14	37.30	37.49	37.03	36.70	36.70	36.61	---	36.74	36.98	36.97	37.31	37.44
15	37.33	37.42	37.05	36.53	36.64	36.55	---	36.68	37.07	36.95	37.33	37.46
16	37.50	37.31	37.07	36.47	36.56	36.50	36.57	36.74	37.13	36.94	37.33	37.47
17	37.54	37.16	36.93	36.58	36.61	36.44	36.55	36.74	37.14	36.94	37.34	37.38
18	37.53	37.02	36.83	36.64	36.58	36.41	36.56	36.73	37.09	36.95	37.38	37.39
19	37.52	37.12	36.96	36.54	36.53	36.43	36.53	36.71	36.87	37.00	37.43	37.43
20	37.47	37.21	37.06	36.36	36.38	36.40	36.55	36.78	36.86	37.05	37.45	37.43
21	37.47	37.09	37.03	36.46	36.33	36.29	36.57	36.85	36.92	37.06	37.46	37.42
22	37.49	37.11	36.85	36.58	36.53	36.27	36.58	36.91	36.90	37.05	37.48	37.39
23	37.41	37.27	36.55	36.60	36.54	36.23	36.61	37.00	36.90	37.05	37.47	37.46
24	37.43	37.36	36.52	36.66	36.49	36.34	36.51	37.01	36.89	37.08	37.47	37.45
25	37.42	37.35	36.64	36.76	36.65	36.52	36.66	37.01	36.90	37.11	37.49	37.38
26	37.44	37.34	36.73	36.75	36.67	36.60	36.76	37.02	36.91	37.11	37.43	37.35
27	37.55	37.33	36.78	36.75	36.63	36.53	36.76	37.04	36.92	37.14	37.24	37.36
28	37.58	37.18	36.75	36.61	36.51	36.46	36.70	37.04	36.91	37.19	37.13	37.41
29	37.54	37.20	36.80	36.58	---	36.51	36.73	37.03	36.88	37.22	37.23	37.42
30	37.46	37.22	36.89	36.53	---	36.46	36.70	37.01	36.86	37.23	37.28	37.43
31	37.37	---	36.84	36.56	---	36.46	---	37.05	---	37.23	37.31	---

WTR YR 1995 MEAN 36.99 HIGH 36.23 LOW 37.86


343512077265601 ON-292
WATER LEVEL, IN FEET BELOW LAND SURFACE
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37.0
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ONSLOW COUNTY--Continued

343609077171301. Local number, On-293; USGS Sneads Ferry Road Well

LOCATION.--Lat 34°36'08", long 77°17'12", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, at tree line east of Sneads Ferry Road, 4.5 mi south of intersection of Sneads Ferry Road and Holcomb Boulevard. Owner: U.S. Geological Survey.

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 235.0 ft, diameter 4 in., cased to 225.0 ft, screened interval from 225.0 to 235.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 40 ft above sea level, (from topographic map). Measuring point: Top of shelter floor, 2.30 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

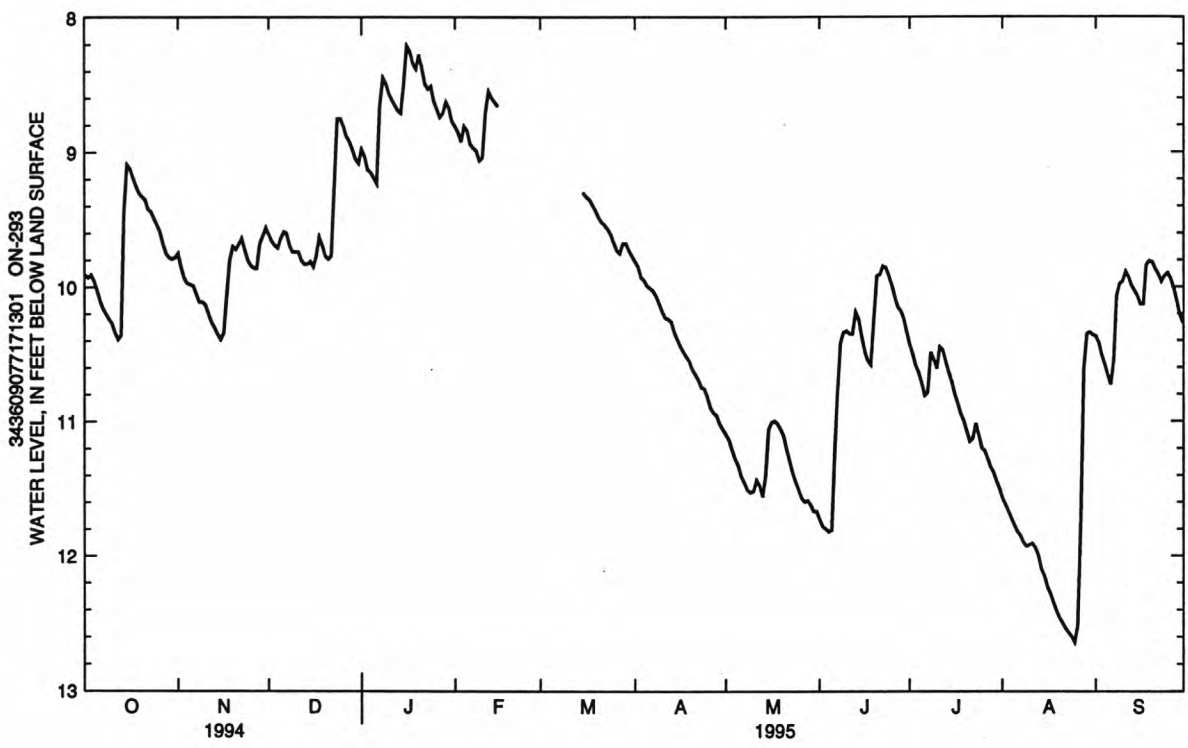
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 8.20 ft below land-surface datum, Jan. 16, 1995; lowest water level recorded, 12.67 ft below land-surface datum, Aug. 25, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	9.91	9.75	9.61	8.98	8.81	---	9.81	11.10	11.73	10.43	11.57	10.37
2	9.93	9.85	9.66	9.03	8.85	---	9.85	11.14	11.78	10.50	11.62	10.42
3	9.91	9.93	9.69	9.13	8.92	---	9.93	11.21	11.80	10.59	11.67	10.51
4	9.95	9.97	9.71	9.15	8.81	---	9.95	11.28	11.82	10.64	11.72	10.58
5	10.02	9.98	9.64	9.19	8.84	---	9.99	11.33	11.81	10.72	11.77	10.66
6	10.10	9.99	9.59	9.23	8.94	---	10.01	11.41	11.22	10.81	11.82	10.73
7	10.16	10.05	9.60	8.66	8.97	---	10.03	11.46	10.79	10.79	11.85	10.54
8	10.20	10.11	9.69	8.45	8.99	---	10.07	11.51	10.42	10.49	11.90	10.07
9	10.24	10.11	9.74	8.49	9.06	---	10.12	11.53	10.34	10.54	11.93	9.98
10	10.27	10.13	9.74	8.56	9.04	---	10.18	11.52	10.33	10.61	11.92	9.96
11	10.34	10.20	9.74	8.61	8.71	---	10.23	11.44	10.35	10.45	11.91	9.89
12	10.39	10.26	9.80	8.65	8.55	---	10.24	11.48	10.35	10.47	11.94	9.93
13	10.36	10.30	9.83	8.69	8.60	---	10.26	11.56	10.19	10.56	12.00	9.99
14	9.46	10.35	9.83	8.71	8.63	---	10.33	11.40	10.24	10.64	12.10	10.03
15	9.09	10.39	9.81	8.50	8.66	9.30	10.39	11.06	10.37	10.71	12.15	10.07
16	9.12	10.34	9.85	8.21	---	9.33	10.44	11.01	10.48	10.80	12.23	10.13
17	9.19	10.07	9.77	8.25	---	9.35	10.48	11.00	10.55	10.87	12.28	10.13
18	9.25	9.80	9.63	8.34	---	9.39	10.52	11.02	10.58	10.95	12.35	9.84
19	9.30	9.70	9.69	8.38	---	9.43	10.55	11.06	10.24	11.00	12.41	9.81
20	9.33	9.72	9.77	8.28	---	9.48	10.61	11.11	9.92	11.08	12.46	9.82
21	9.35	9.68	9.79	8.37	---	9.52	10.65	11.21	9.91	11.15	12.50	9.87
22	9.42	9.64	9.77	8.49	---	9.54	10.69	11.30	9.85	11.13	12.54	9.91
23	9.44	9.72	9.26	8.53	---	9.57	10.75	11.38	9.86	11.02	12.57	9.96
24	9.49	9.80	8.75	8.51	---	9.61	10.76	11.45	9.92	11.11	12.60	9.92
25	9.54	9.84	8.75	8.62	---	9.67	10.82	11.51	9.99	11.20	12.64	9.90
26	9.59	9.86	8.81	8.68	---	9.73	10.90	11.57	10.08	11.22	12.52	9.94
27	9.68	9.86	8.88	8.74	---	9.75	10.94	11.60	10.15	11.28	11.73	10.01
28	9.75	9.68	8.92	8.71	---	9.68	10.96	11.59	10.18	11.34	10.61	10.10
29	9.78	9.62	8.98	8.63	---	9.68	11.02	11.62	10.24	11.38	10.35	10.21
30	9.79	9.56	9.05	8.67	---	9.73	11.06	11.67	10.34	11.45	10.34	10.27
31	9.78	---	9.08	8.77	---	9.77	---	11.67	---	11.50	10.36	---

WTR YR 1995 MEAN 10.20 HIGH 8.21 LOW 12.64


343609077171301 ON-293
WATER LEVEL, IN FEET BELOW LAND SURFACE
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ONSLOW COUNTY--Continued

343842077241501. Local number, On-294; USGS Town Creek Well 1

LOCATION.--Lat 34°38'41", long 77°29'15", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, 200 yards north of unpaved road, 0.4 mi east of Verona Loop Road, 4 mi east of intersection of Verona Loop Road and U.S.Highway 17. Owner: U.S. Geological Survey.

AQUIFER.--Surficial Aquifer.

WELL CHARACTERISTICS.--Drilled observation well.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 65 ft above sea level, (from topographic map). Measuring point: Top of shelter floor, 2.43 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.10 ft below land-surface datum, Jan. 20, 1995; lowest water level recorded, 9.64 ft below land-surface datum, Aug. 25, 26, 1995.

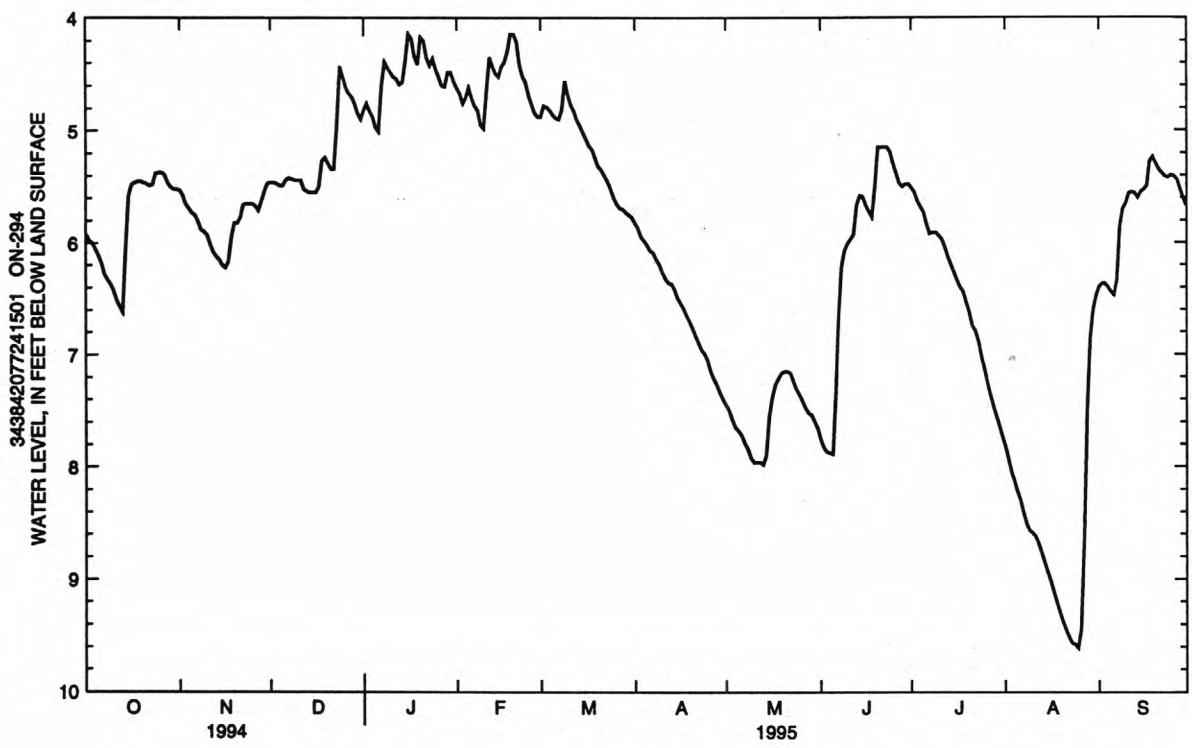
WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL*	AUG	SEP
1	5.93	5.53	5.46	4.82	4.62	4.88	5.82	7.45	7.76	5.51	7.82	6.40
2	5.98	5.57	5.46	4.76	4.67	4.78	5.87	7.50	7.83	5.55	7.93	6.37
3	6.00	5.65	5.47	4.83	4.76	4.79	5.95	7.58	7.87	5.63	8.05	6.37
4	6.05	5.69	5.49	4.88	4.71	4.82	5.98	7.65	7.88	5.68	8.13	6.40
5	6.11	5.73	5.49	4.97	4.62	4.86	6.02	7.68	7.89	5.73	8.22	6.44
6	6.18	5.75	5.44	5.01	4.71	4.89	6.07	7.72	7.33	5.83	8.30	6.47
7	6.28	5.80	5.42	4.60	4.78	4.90	6.09	7.79	6.67	5.92	8.41	6.34
8	6.33	5.88	5.43	4.39	4.82	4.82	6.15	7.84	6.22	5.91	8.51	5.86
9	6.37	5.90	5.44	4.44	4.95	4.56	6.19	7.92	6.07	5.91	8.57	5.70
10	6.42	5.93	5.44	4.48	4.98	4.68	6.26	7.96	6.01	5.94	8.59	5.65
11	6.51	6.01	5.44	4.52	4.65	4.77	6.32	7.96	5.97	5.97	8.62	5.56
12	6.57	6.08	5.52	4.54	4.35	4.83	6.36	7.96	5.93	6.04	8.69	5.55
13	6.62	6.12	5.54	4.59	4.43	4.91	6.37	7.98	5.67	6.13	8.77	5.56
14	6.08	6.15	5.55	4.57	4.49	4.96	6.41	7.90	5.58	6.20	8.86	5.60
15	5.58	6.20	5.55	4.39	4.52	5.02	6.49	7.55	5.59	6.27	8.94	5.55
16	5.48	6.22	5.55	4.14	4.43	5.08	6.54	7.38	5.67	6.34	9.02	5.53
17	5.46	6.17	5.50	4.18	4.39	5.14	6.59	7.27	5.72	6.40	9.12	5.50
18	5.45	5.95	5.27	4.34	4.29	5.17	6.65	7.22	5.77	6.44	9.21	5.28
19	5.45	5.82	5.24	4.41	4.14	5.25	6.70	7.17	5.51	6.54	9.30	5.24
20	5.46	5.82	5.29	4.17	4.14	5.32	6.76	7.15	5.15	6.63	9.38	5.30
21	5.47	5.77	5.34	4.20	4.21	5.35	6.83	7.15	5.15	6.75	9.45	5.35
22	5.49	5.66	5.34	4.35	4.42	5.40	6.89	7.17	5.15	6.79	9.52	5.38
23	5.48	5.65	4.95	4.42	4.52	5.45	6.96	7.24	5.15	6.88	9.57	5.41
24	5.38	5.65	4.43	4.36	4.57	5.52	6.99	7.31	5.19	7.02	9.58	5.42
25	5.37	5.65	4.52	4.45	4.69	5.59	7.05	7.36	5.30	7.13	9.61	5.40
26	5.37	5.67	4.62	4.52	4.77	5.65	7.15	7.42	5.38	7.25	9.44	5.41
27	5.39	5.71	4.67	4.60	4.85	5.69	7.22	7.48	5.47	7.36	8.63	5.44
28	5.46	5.63	4.70	4.61	4.88	5.70	7.27	7.52	5.50	7.46	7.47	5.52
29	5.50	5.54	4.76	4.48	---	5.73	7.34	7.54	5.48	7.55	6.86	5.60
30	5.52	5.47	4.85	4.48	---	5.75	7.40	7.60	5.48	7.64	6.61	5.67
31	5.52	---	4.90	4.56	---	5.77	---	7.66	---	7.73	6.48	---

WTR YR 1995 MEAN 6.01 HIGH 4.14 LOW 9.61

* See DATUM


343842077241501 ON-294
WATER LEVEL, IN FEET BELOW LAND SURFACE
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ONSLOW COUNTY--Continued

344203077182001. Local number, On-295; USGS Wallace Creek Well

LOCATION.--Lat 34°42'03", long 77°18'20", Hydrologic Unit 03030001, at U.S. Marine Corps Camp Lejeune, 1.4 miles southeast of intersection of State Highway 24 and Piney Green Road at Piney Green, 1.6 miles northeast of Wallace Creek and Holcomb Boulevard, 2.5 miles southeast of intersection of Brewster Boulevard and Holcomb Boulevard. Owner: U.S. Geological Survey.

AQUIFER.--Castle Hayne aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 253.0 ft, diameter 4 in., cased to 243.0 ft, screened interval from 243.0 to 253.0 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 35 ft above sea level, (from topographic map). Measuring point: Top of shelter, 2.38 ft above land-surface datum.

REMARKS.--Well is part of Marine Corps Base, Camp Lejeune, North Carolina, Water Resources Network project.

PERIOD OF RECORD.--October 1994 to September 1995.

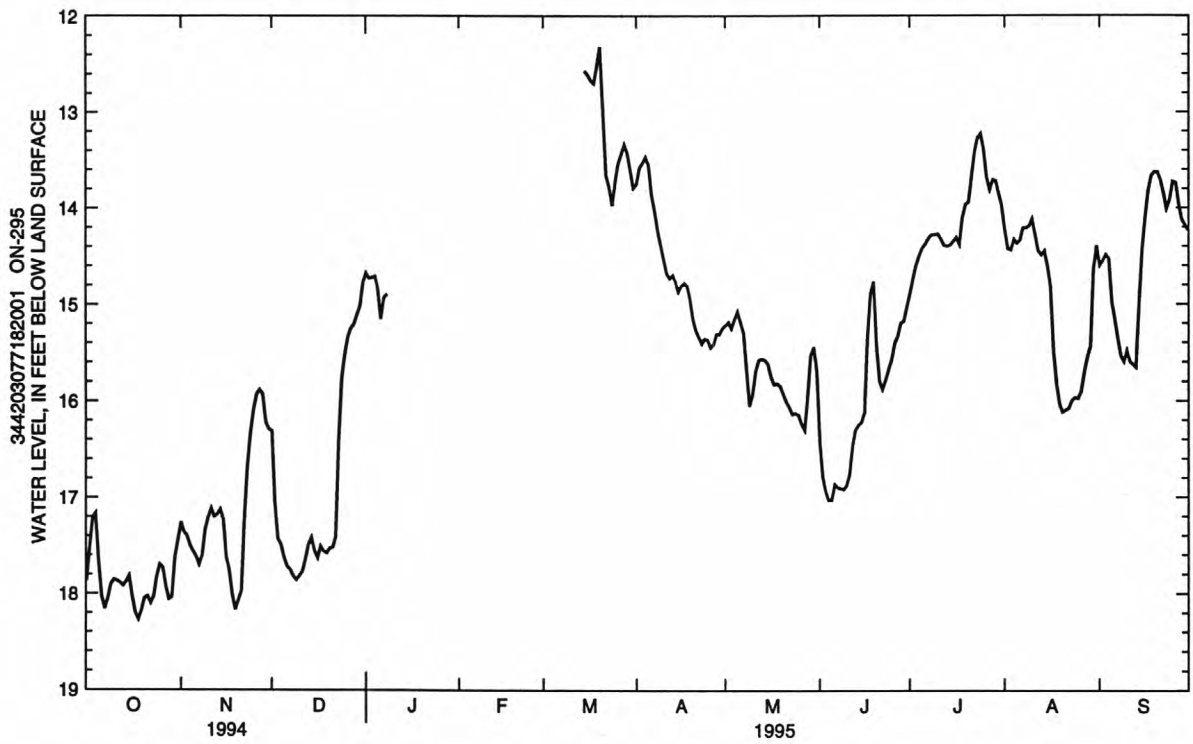
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 12.30 ft below land-surface datum, Mar. 20, 1995; lowest water level recorded, 18.28 ft below land-surface datum, Oct. 18, 1994.

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET), WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	17.87	17.26	16.31	14.68	---	---	13.75	15.22	16.43	14.90	14.23	14.60
2	17.53	17.36	17.05	14.73	---	---	13.58	15.19	16.79	14.74	14.43	14.55
3	17.21	17.40	17.43	14.72	---	---	13.53	15.25	16.94	14.60	14.44	14.49
4	17.17	17.50	17.49	14.71	---	---	13.47	15.16	17.03	14.50	14.33	14.53
5	17.66	17.56	17.63	14.84	---	---	13.55	15.08	17.03	14.42	14.37	14.98
6	18.03	17.62	17.72	15.15	---	---	13.86	15.19	16.87	14.38	14.34	15.17
7	18.16	17.70	17.75	14.93	---	---	14.03	15.30	16.90	14.32	14.21	15.37
8	18.05	17.61	17.82	14.90	---	---	14.23	15.67	16.91	14.28	14.21	15.54
9	17.91	17.34	17.86	---	---	---	14.38	16.05	16.92	14.28	14.19	15.60
10	17.86	17.21	17.82	---	---	---	14.53	15.93	16.88	14.27	14.12	15.49
11	17.87	17.12	17.77	---	---	---	14.68	15.69	16.76	14.32	14.28	15.60
12	17.89	17.20	17.65	---	---	---	14.73	15.58	16.48	14.39	14.45	15.63
13	17.92	17.18	17.49	---	---	---	14.70	15.57	16.30	14.40	14.49	15.66
14	17.88	17.13	17.42	---	---	---	14.76	15.58	16.25	14.39	14.45	15.00
15	17.82	17.23	17.56	---	---	12.57	14.87	15.62	16.22	14.35	14.60	14.44
16	18.03	17.63	17.63	---	---	12.61	14.81	15.75	16.12	14.31	14.81	14.10
17	18.20	17.75	17.51	---	---	12.67	14.78	15.83	15.36	14.38	15.49	13.82
18	18.27	18.01	17.56	---	---	12.70	14.81	15.82	14.89	14.10	15.83	13.67
19	18.18	18.17	17.58	---	---	12.51	14.94	15.85	14.77	13.97	16.04	13.63
20	18.05	18.07	17.53	---	---	12.32	15.15	15.93	15.44	13.94	16.12	13.63
21	18.03	17.97	17.52	---	---	12.97	15.27	16.01	15.80	13.68	16.10	13.71
22	18.10	17.25	17.41	---	---	13.66	15.34	16.07	15.88	13.42	16.08	13.85
23	18.03	16.68	16.40	---	---	13.78	15.41	16.14	15.79	13.27	16.00	14.01
24	17.83	16.33	15.77	---	---	13.97	15.36	16.13	15.68	13.23	15.97	13.92
25	17.70	16.09	15.52	---	---	13.74	15.37	16.15	15.58	13.40	15.98	13.73
26	17.73	15.93	15.34	---	---	13.54	15.45	16.24	15.41	13.68	15.91	13.74
27	17.93	15.89	15.25	---	---	13.44	15.42	16.30	15.34	13.81	15.71	13.97
28	18.06	15.93	15.21	---	---	13.34	15.31	15.96	15.20	13.71	15.55	14.12
29	18.04	16.22	15.11	---	---	13.43	15.31	15.53	15.18	13.72	15.44	14.18
30	17.62	16.29	15.02	---	---	13.61	15.25	15.45	15.03	13.86	14.64	14.23
31	17.44	---	14.77	---	---	13.79	---	15.70	---	13.98	14.40	---

WTR YR 1995 MEAN 15.61 HIGH 12.32 LOW 18.27


344203077182001 ON-295
WATER LEVEL, IN FEET BELOW LAND SURFACE
12
13
14
15
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M
A
M
J
J
A
S
1994
1995

ORANGE COUNTY

355522079043001. Local number, NC-126.

LOCATION.--Lat 35°55'22", long 79°04'30", Hydrologic Unit 03030002, in Chapel Hill, west of University of North Carolina campus, southeast of intersection of Cameron Avenue and Ransom Street. Owner: Chi Psi Fraternity.

AQUIFER.--Unconfined saprolite derived from granite of Paleozoic age.

WELL CHARACTERISTICS.--Dug observation well, depth 48 ft, diameter 36 in., lined with rock; measured depth 46.2 ft, August 1986.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 511.50 ft above sea level. Measuring point: Top of shelf, 3.27 ft above land-surface datum (since July 21, 1981).

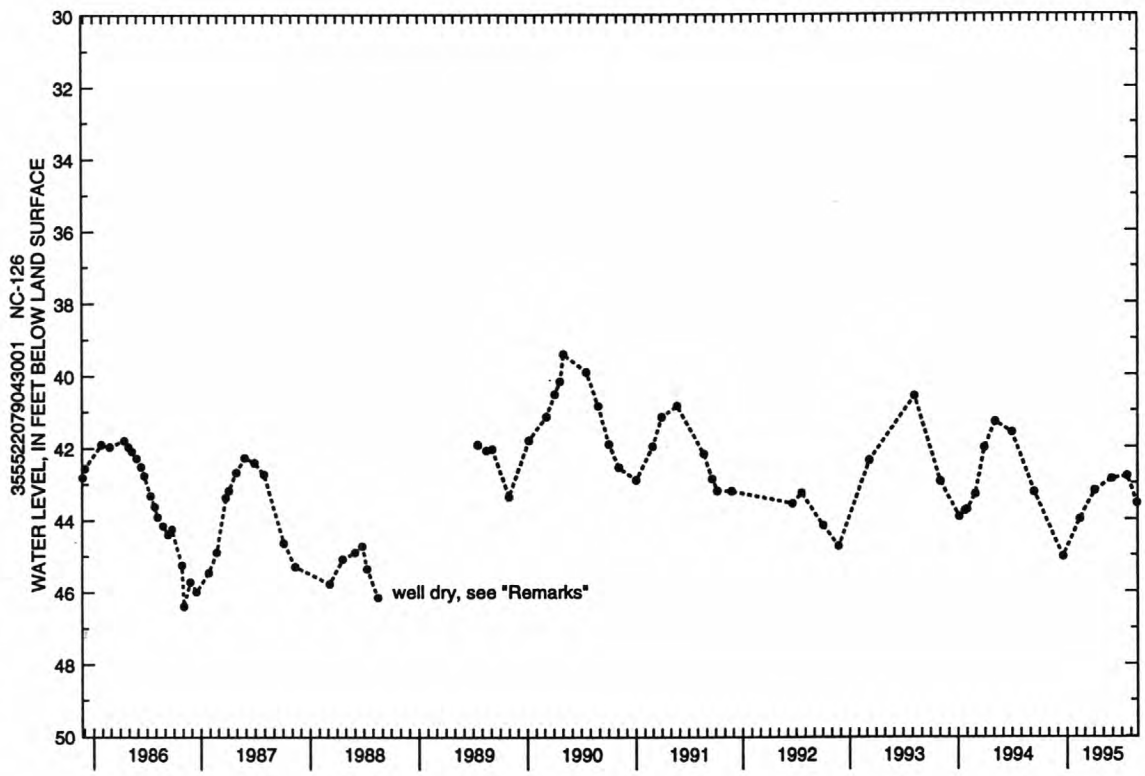
REMARKS.-- Well is part of terrane-effects network. Well found dry from October 13, 1988 to January 24, 1989. No periodic measurements made from January 24 to July 19, 1989.

PERIOD OF RECORD.--August 1938 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 35.22 ft below land-surface datum, May 14, 1984; lowest water level occurred during periods when well was dry, Oct. 11 to Dec. 31, 1940, and Oct. 13 to Jan. 24, 1989.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
DEC 19	45.03	FEB 13	43.99	APR 3	43.21	MAY 30	42.89	JUL 20	42.81	AUG 21	43.55


355522079043001 NC-126
WATER LEVEL, IN FEET BELOW LAND SURFACE
30
32
34
36
38
40
42
44
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48
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well dry, see "Remarks"
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

PAMLICO COUNTY

350523076392206. Local number, NC-169; DEHNR Whortonville Research Station well S15y6.

LOCATION.--Lat 35°05'23", long 76°39'22", Hydrologic Unit 03020204, 0.5 mi northeast of intersection of Secondary Roads 1321 and 1322, and 3.4 mi east of Merritt on Secondary Road 1321. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 290 ft, diameter 4 in., cased to 223 ft and from 228 to 270 ft, screened intervals from 223 to 228 ft and 270 to 275 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 7.54 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.53 ft above land-surface datum; revised from 2.64 ft above land-surface datum, October 1987.

REMARKS.--Well is part of areal-effects network.

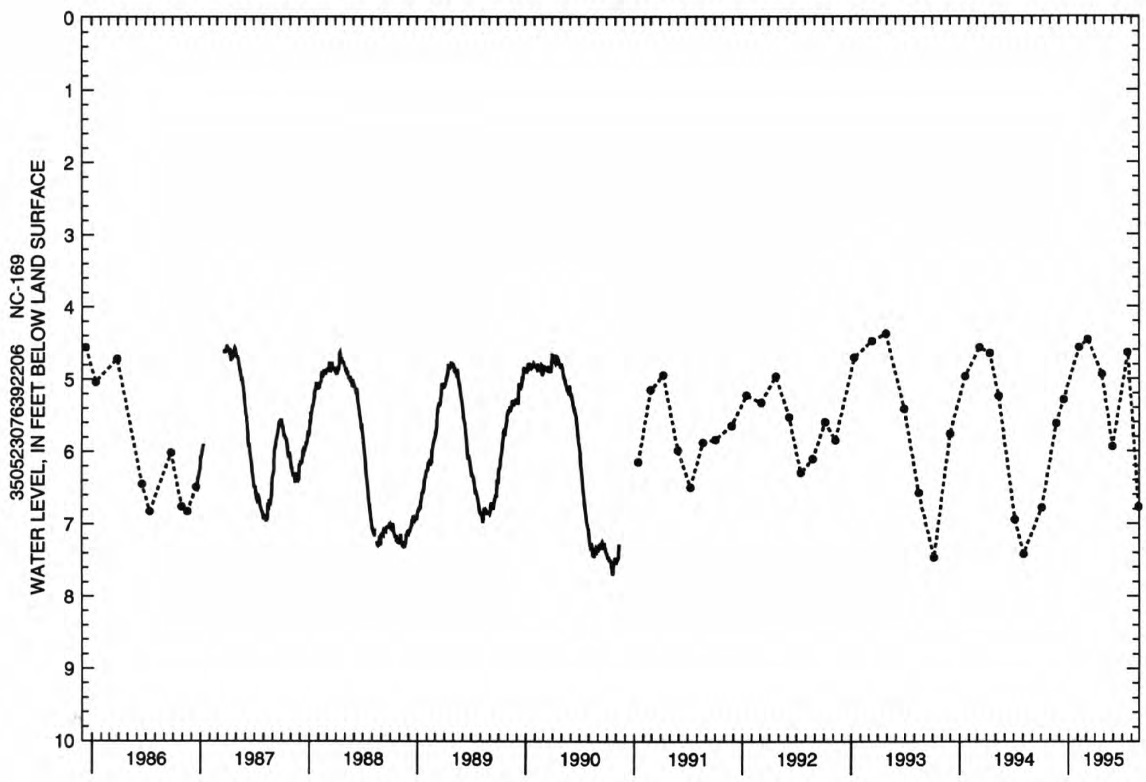
PERIOD OF RECORD.--February 1978 to current year. Continuous record December 1986 to November 1990. Records from February 1978 to November 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.00 ft below land-surface datum, May 10, 1978; lowest water level recorded, 7.69 ft below land-surface datum, Oct. 20, 21, 22, and 23, 1990.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by +0.11 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 4	6.78	DEC 16	5.29	MAR 7	4.46	MAY 30	5.94	JUL 20	4.64	AUG 25	6.77
NOV 21	5.62	FEB 6	4.57	APR 24	4.94						


350523076392206 NC-169
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

PASQUOTANK COUNTY

362050076163705. Local number, NC-150; DEHNR Elizabeth City Forest Service Research Station well D11v5.

LOCATION.--Lat 36°20'50", long 76°16'37", Hydrologic Unit 03010205, 4 mi northwest of Elizabeth City at North Carolina Division of Forest Resources Maintenance Yard, west of U.S. Highways 17 and 158 on Secondary Road 1338. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Yorktown aquifer of Pliocene and Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 500 ft, diameter 4 in., cased to 120 ft, screened interval from 120 to 130 ft, cemented from 130 to 500 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 7.14 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 3.48 ft above land-surface datum; revised from 3.13 ft above land-surface datum, October 1987.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--July 1975 to current year. Records from July 1975 to November 1986 are unpublished and available in the files of the Groundwater Section, DEHNR. U.S. Geological Survey continuous record began November 1986.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 3.22 ft below land-surface datum, June 26, 1979; lowest water level recorded, 10.29 ft below land-surface datum, Aug. 26, 1995.

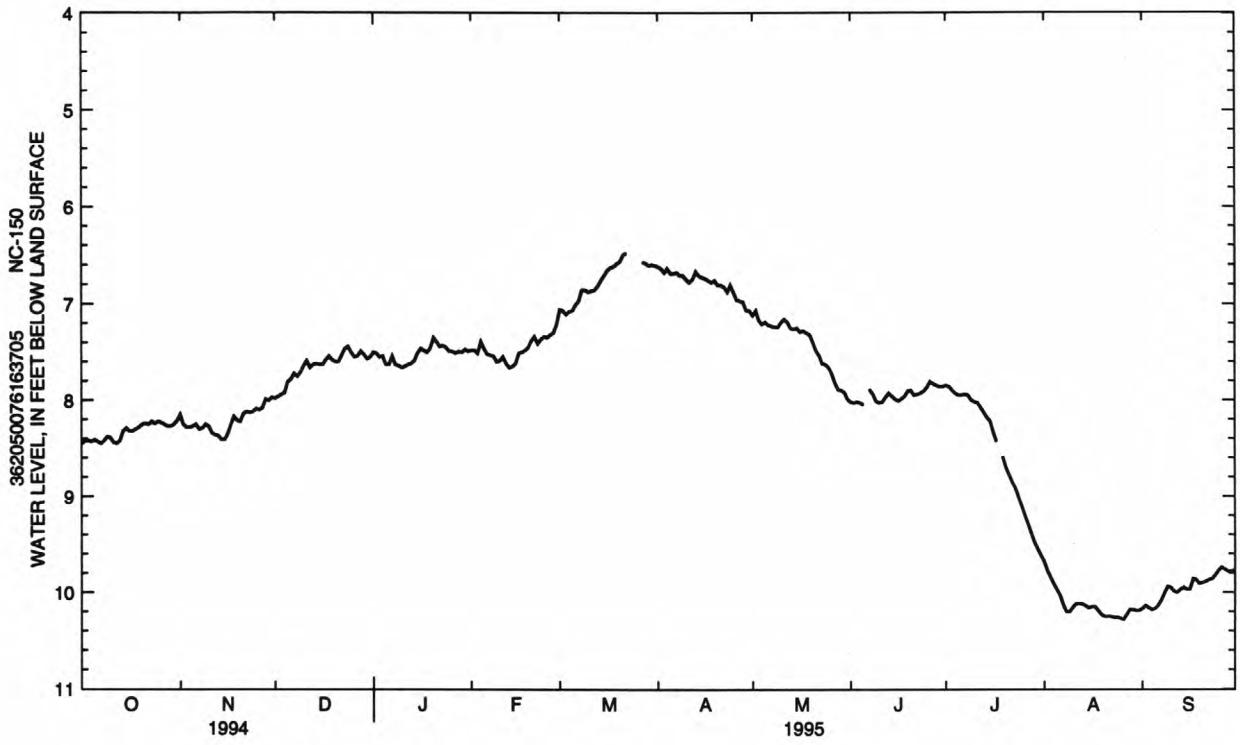
REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by -0.35 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.41	8.27	7.81	7.63	7.46	7.07	6.69	7.19	8.05	7.95	9.97	10.17
10	8.39	8.27	7.64	7.66	7.59	6.88	6.75	7.19	8.03	8.02	10.16	9.95
15	8.29	8.41	7.63	7.51	7.62	6.71	6.73	7.25	7.99	8.22	10.16	9.97
20	8.25	8.22	7.60	7.35	7.38	6.57	6.81	7.40	7.90	8.70	10.25	9.90
25	8.22	8.09	7.50	7.49	7.35	---	6.89	7.66	7.87	9.11	10.27	9.77
EOM	8.21	7.97	7.55	7.49	7.21	6.61	7.07	7.99	7.86	9.62	10.19	9.77

WTR YR 1995 MEAN 8.07 HIGH 6.48 MAR 22 LOW 10.28 AUG 26


NC-150
362050076163705
WATER LEVEL, IN FEET BELOW LAND SURFACE
4
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D
J
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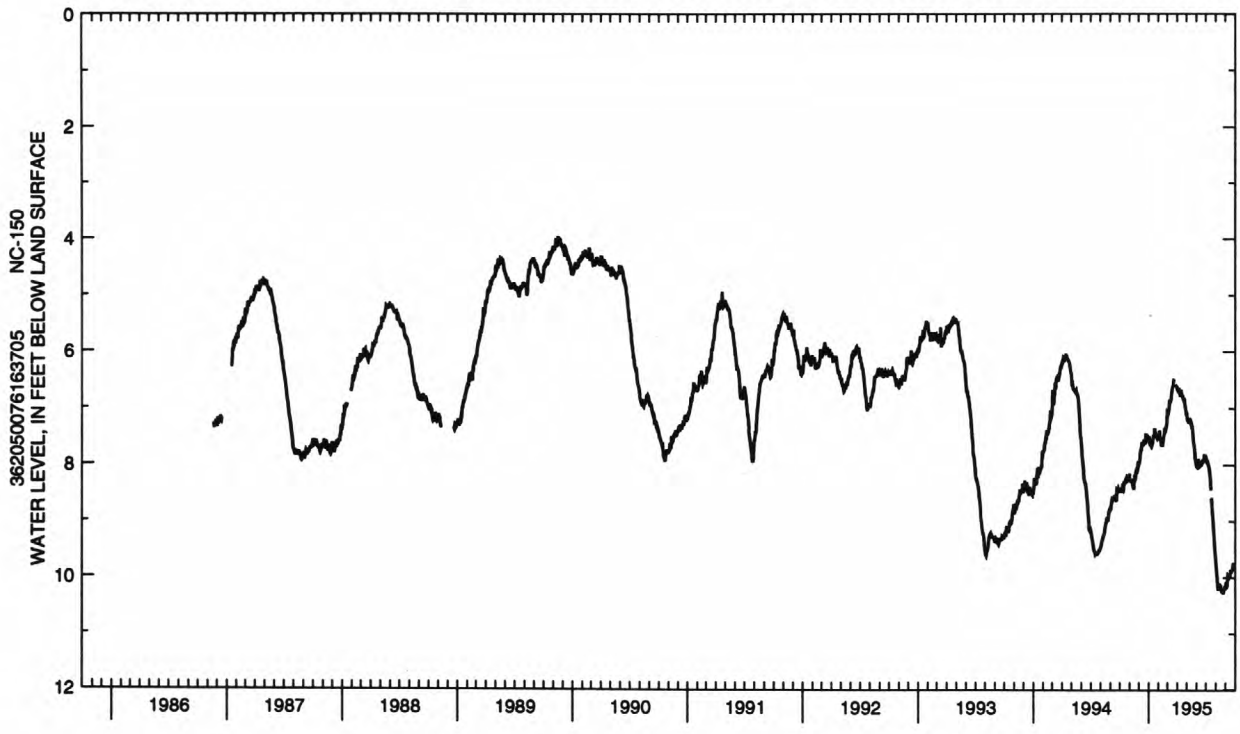
1994
1995


NC-150
362050076163705
WATER LEVEL, IN FEET BELOW LAND SURFACE
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12
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995

PASQUOTANK COUNTY--Continued

361829076163201. Local number, NC-195.

LOCATION.--Lat 36°18'29", long 76°16'32", Hydrologic Unit 03010205, northwest of Elizabeth City, 1.2 mi west of Secondary Road 1307 on Secondary Road 1309. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Bored observation well, augered to 13.0 ft, diameter 4 in., cased to 2.4 ft, screened interval from 2.4 to 12.4 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 15 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 3.38 ft above land-surface datum.

REMARKS.--In October 1991, well replaced nearby NC-143. Well is part of climatic-effects network. Negative values of water levels in feet below land surface indicate ground-water levels that are above land surface.

PERIOD OF RECORD.--October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.70 ft above land-surface datum, Jan. 4, 1992; lowest water level recorded, 5.72 ft below land-surface datum, Oct. 15, 1993.

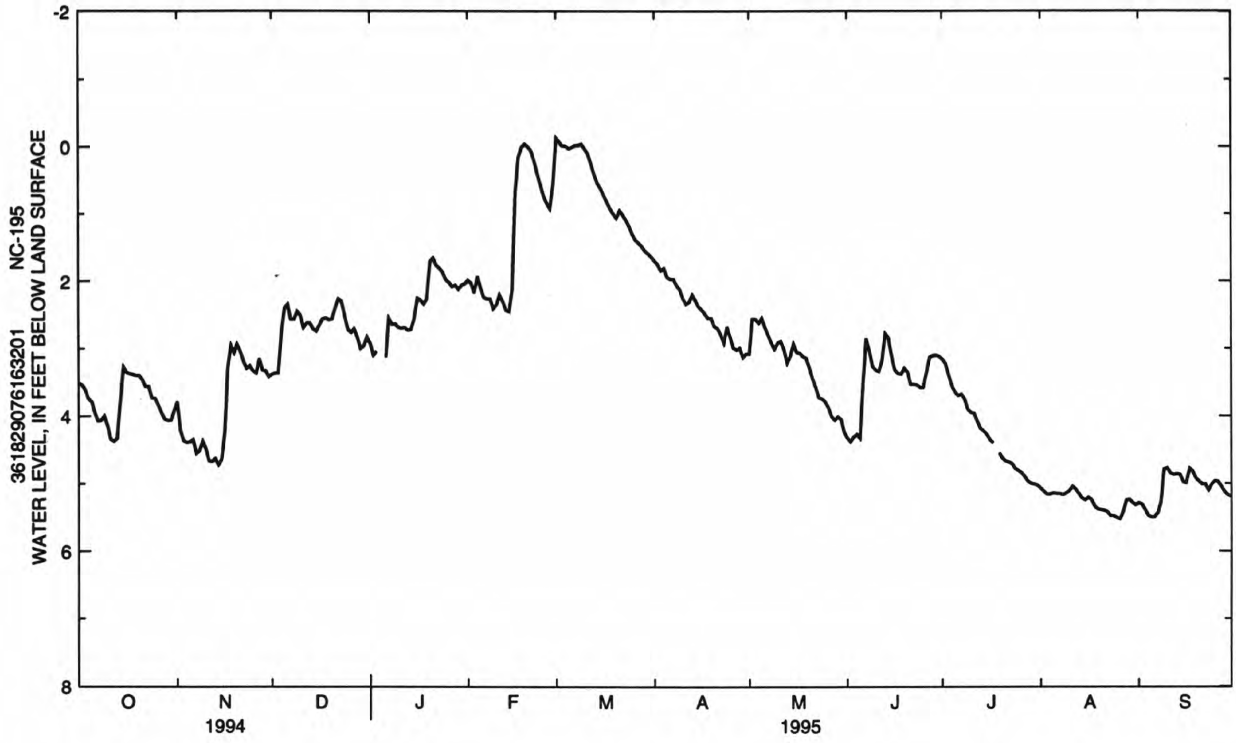
REVISIONS.--The measuring point description published in previous annual-data reports was in error. The measuring point description given above supersedes the previously published description.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.51	3.79	3.38	2.92	1.99	-.13	1.70	3.08	4.32	3.16	5.07	5.29
2	3.54	4.20	3.36	3.10	2.03	-.07	1.75	2.56	4.38	3.22	5.12	5.31
3	3.62	4.36	3.36	3.05	2.17	-.01	1.84	2.56	4.31	3.40	5.16	5.39
4	3.74	4.39	2.77	---	1.93	-.01	1.81	2.62	4.27	3.55	5.16	5.48
5	3.79	4.38	2.40	---	2.09	.03	1.94	2.55	4.33	3.65	5.14	5.50
6	3.94	4.35	2.34	3.13	2.24	.01	1.97	2.69	3.50	3.70	5.15	5.50
7	4.07	4.55	2.56	2.55	2.26	-.02	1.97	2.80	2.85	3.68	5.15	5.43
8	4.06	4.51	2.56	2.64	2.26	-.02	2.06	2.91	3.04	3.75	5.17	5.28
9	4.00	4.37	2.45	2.63	2.41	-.04	2.12	3.01	3.26	3.90	5.14	4.79
10	4.14	4.47	2.50	2.69	2.35	.03	2.25	2.91	3.32	3.95	5.11	4.77
11	4.34	4.66	2.69	2.70	2.20	.11	2.34	2.89	3.34	3.96	5.04	4.85
12	4.37	4.67	2.62	2.69	2.30	.25	2.31	3.02	3.17	4.08	5.08	4.87
13	4.33	4.63	2.62	2.73	2.43	.41	2.20	3.21	2.78	4.19	5.15	4.86
14	3.83	4.72	2.71	2.72	2.45	.54	2.28	3.11	2.84	4.22	5.22	4.87
15	3.27	4.64	2.74	2.56	2.12	.62	2.38	2.93	3.11	4.27	5.25	4.98
16	3.35	4.23	2.65	2.25	.68	.72	2.42	3.06	3.32	4.35	5.21	4.99
17	3.37	3.27	2.56	2.28	.16	.82	2.48	3.07	3.37	4.40	5.24	4.78
18	3.38	2.95	2.54	2.34	.01	.92	2.55	3.12	3.38	---	5.34	4.82
19	3.40	3.06	2.57	2.26	-.04	1.00	2.55	3.14	3.29	4.55	5.38	4.92
20	3.40	2.93	2.56	1.71	.00	1.06	2.67	3.29	3.35	4.63	5.39	4.97
21	3.46	3.05	2.40	1.66	.06	.95	2.70	3.45	3.53	4.67	5.40	5.01
22	3.56	3.18	2.26	1.77	.21	1.01	2.79	3.58	3.53	4.68	5.42	5.01
23	3.56	3.29	2.30	1.81	.39	1.09	2.91	3.73	3.54	4.71	5.48	5.10
24	3.73	3.25	2.52	1.87	.56	1.18	2.68	3.75	3.58	4.78	5.48	5.01
25	3.74	3.33	2.72	1.98	.73	1.30	2.83	3.79	3.58	4.81	5.51	4.96
26	3.83	3.36	2.76	2.02	.84	1.39	2.99	3.88	3.35	4.84	5.53	4.97
27	3.94	3.15	2.71	2.08	.92	1.43	3.02	4.01	3.13	4.90	5.42	5.04
28	4.04	3.32	2.84	2.06	.56	1.48	2.99	4.06	3.11	4.97	5.25	5.12
29	4.06	3.33	3.00	2.12	---	1.55	3.13	4.01	3.10	5.00	5.24	5.17
30	4.06	3.42	2.96	2.06	---	1.59	3.08	4.05	3.12	5.01	5.29	5.19
31	3.92	---	2.83	2.04	---	1.64	---	4.24	---	5.03	5.32	---

WTR YR 1995 MEAN 3.22 HIGH -.13 LOW 5.53


361829076163201 NC-195
WATER LEVEL, IN FEET BELOW LAND SURFACE
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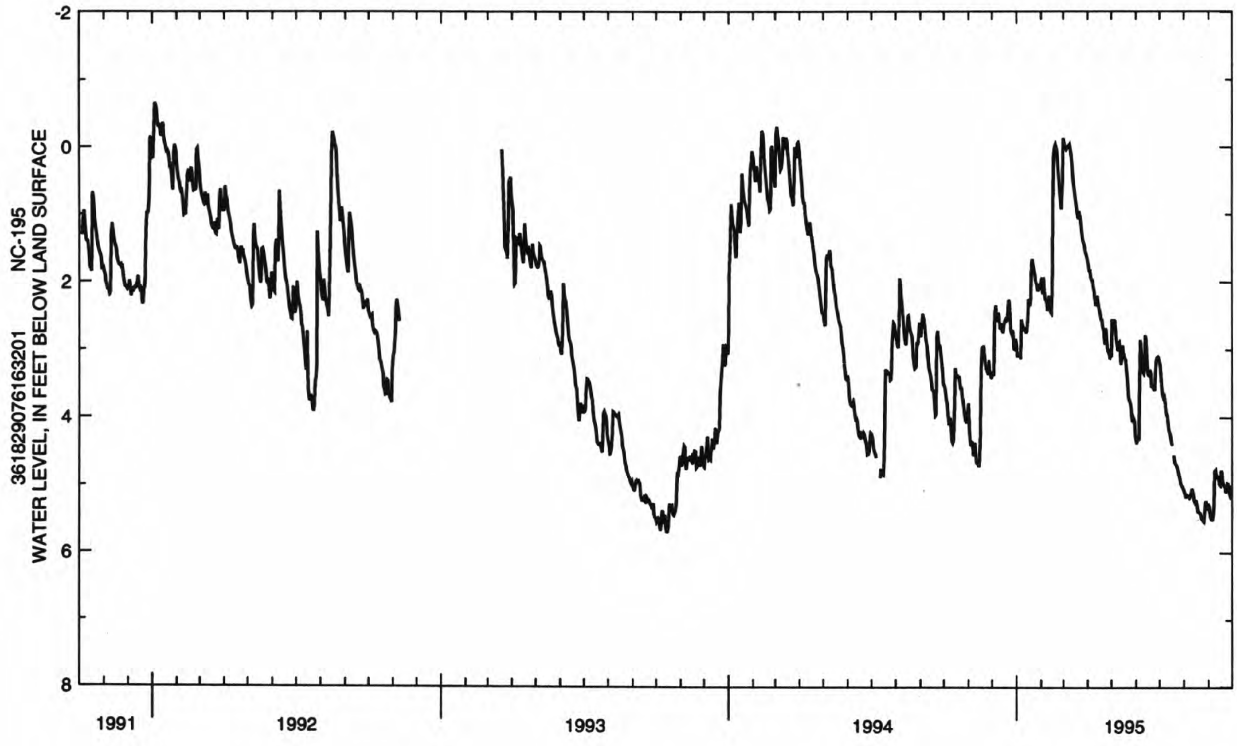
1995


361829076163201 NC-195
WATER LEVEL, IN FEET BELOW LAND SURFACE
-2
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2
4
6
8
1991
1992
1993
1994
1995

PERQUIMANS COUNTY

361744076274402. Local number, NC-151; DEHNR Parkville Research Station well E13m2.

LOCATION.--Lat 36°17'44", long 76°27'44", Hydrologic Unit 03010205, 3.5 mi west of Parkville, and west of Secondary Road 1223 on logging road. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Lower Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 1,019 ft, diameter 4 in., cased to 1,009 ft, screened interval from 1,009 to 1,019 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 16.82 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.64 ft above land-surface datum; revised from 3.02 ft above land-surface datum July 11, 1994.

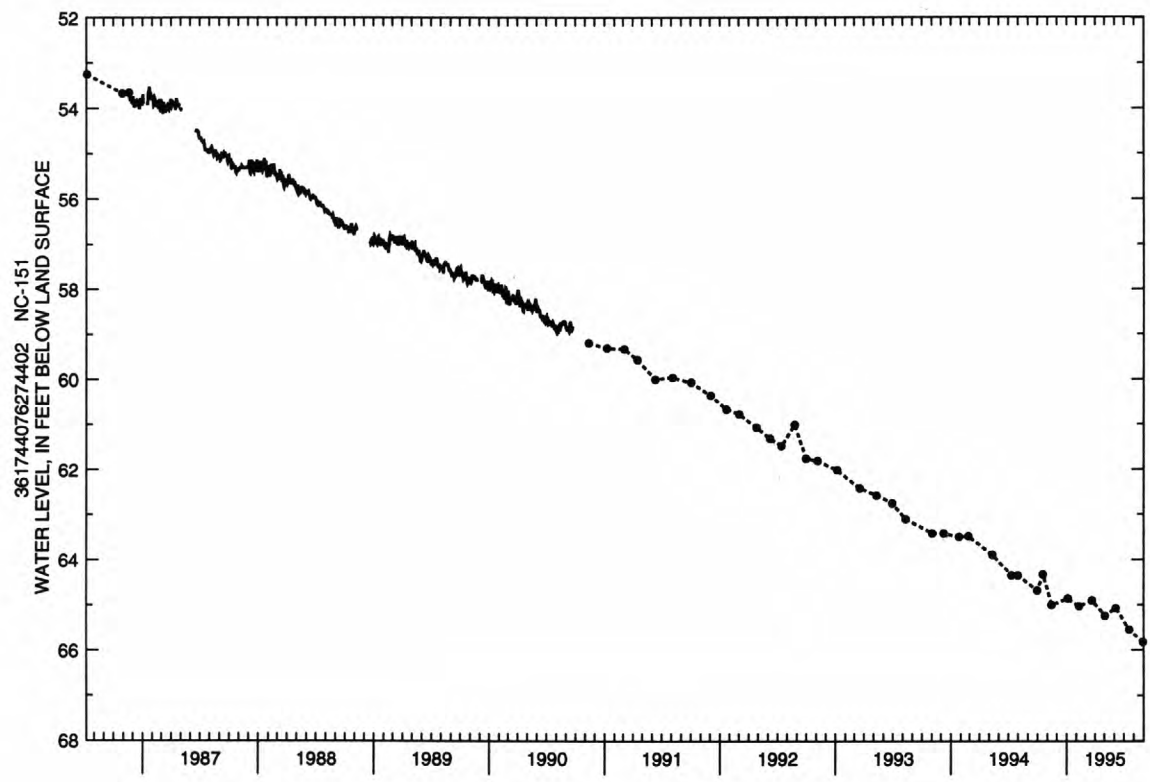
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--December 1977 to current year. Continuous record November 1986 to September 1990. Records from December 1977 to July 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 40.17 ft below land-surface datum, Dec. 7, 1977; lowest water level measured, 65.83 ft below land-surface datum, Aug. 31, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	64.33	JAN 5	64.87	MAR 23	64.91	JUN 6	65.08	JUL 18	65.55	AUG 31	65.83
NOV 15	65.01	FEB 9	65.04	MAY 3	65.25						


361744076274402 NC-151
WATER LEVEL, IN FEET BELOW LAND SURFACE
52
54
56
58
60
62
64
66
68
1987
1988
1989
1990
1991
1992
1993
1994
1995

PERQUIMANS COUNTY--Continued

361744076274403. Local number, NC-152; DEHNR Parkville Research Station well E13m3.

LOCATION.--Lat 36°17'44", long 76°27'44", Hydrologic Unit 03010205, 3.5 mi west of Parkville, west of Secondary Road 1223 on logging road. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 351 ft, diameter 4 in., cased to 336 ft, open hole to 351 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 16.73 ft above sea level (levels by DEHNR). Measuring point: Top of casing, 2.90 ft above land-surface datum; revised from 3.00 ft above land-surface datum, July 11, 1994.

REMARKS.--Well is part of areal-effects network.

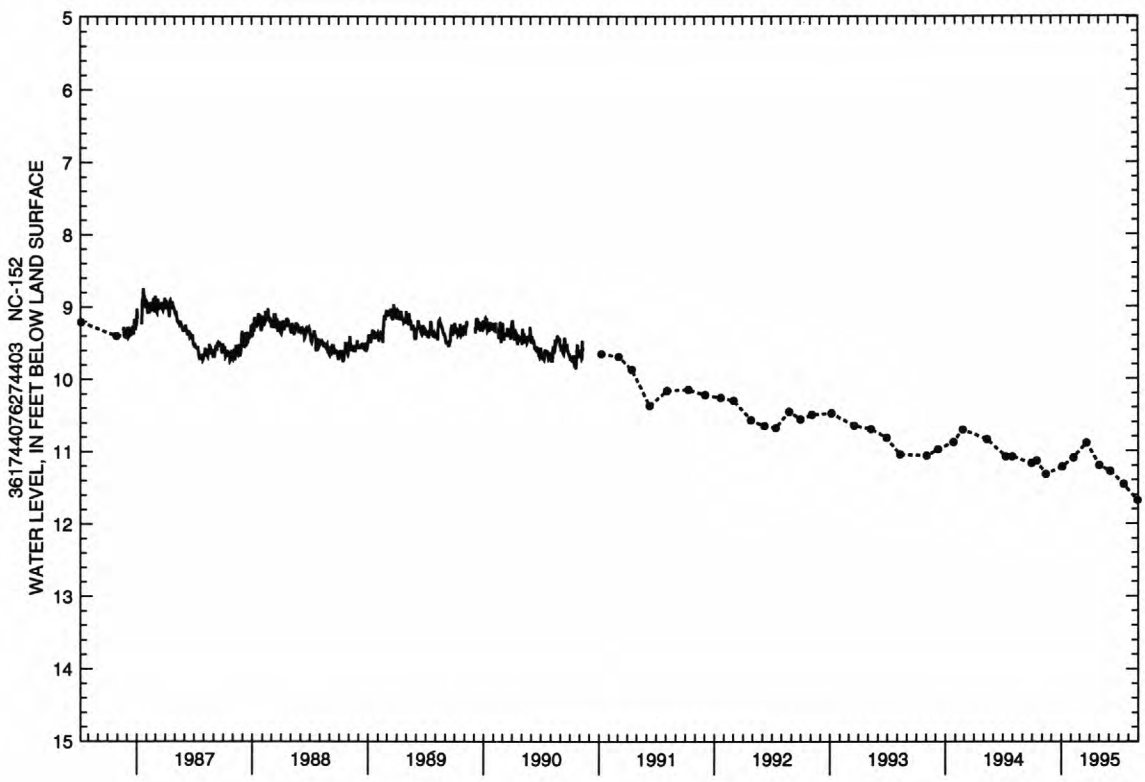
PERIOD OF RECORD.--December 1977 to current year. Continuous record November 1986 to November 1990. Records from December 1977 to July 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.46 ft below land-surface datum, Dec. 20, 1978; lowest water level measured, 11.68 ft below land-surface datum, Aug. 31, 1995.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by +0.49 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	11.14	JAN 5	11.22	MAR 23	10.89	JUN 6	11.28	JUL 18	11.46	AUG 31	11.68
NOV 15	11.32	FEB 9	11.10	MAY 3	11.20						


361744076274403 NC-152
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1995

PITT COUNTY

353219077153801. Local number, NC-160; USGS well Pi-532.

LOCATION.--Lat 35°32'19", long 77°15'38", Hydrologic Unit 03020103, 2.7 mi southwest of Simpson in southeast corner of intersection of Secondary Roads 1755 and 1769. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Bored observation well, augered to 12 ft, diameter 6 in., cased to 5.9 ft, screened interval from 5.9 ft to 10.9 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 56.27 ft above sea level (levels by Soil Conservation Service). Measuring point: Top of instrument shelf, 3.72 ft above land-surface datum; revised from 1.04 ft above land-surface datum, Oct. 4, 1990.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--December 1976 to current year. Prior to October 1986, published as Local number, PI-532.

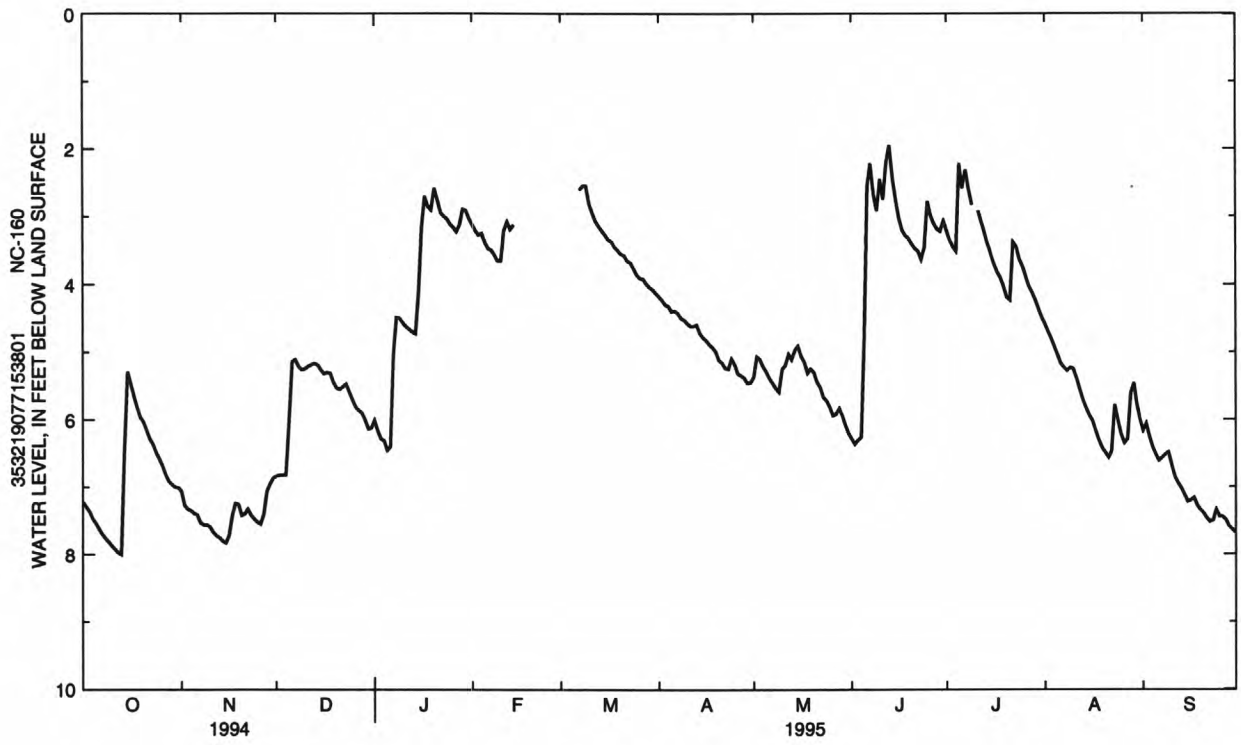
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 1.05 ft below land-surface datum, Sept. 14, 1984; lowest water level recorded, 8.84 ft below land-surface datum, Nov. 6, 7, and 8, 1978.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.23	7.06	6.83	6.01	3.12	---	4.18	5.37	6.28	3.21	4.59	6.16
2	7.30	7.27	6.82	6.16	3.21	---	4.23	5.07	6.36	3.34	4.69	6.06
3	7.37	7.33	6.82	6.28	3.27	---	4.30	5.11	6.30	3.45	4.80	6.25
4	7.47	7.35	6.81	6.31	3.25	---	4.32	5.22	6.26	3.51	4.92	6.41
5	7.54	7.39	6.05	6.45	3.38	---	4.40	5.29	4.81	2.22	5.04	6.52
6	7.62	7.41	5.14	6.40	3.47	---	4.39	5.39	2.56	2.58	5.17	6.61
7	7.70	7.53	5.11	5.05	3.49	2.60	4.43	5.46	2.22	2.31	5.23	6.56
8	7.76	7.56	5.21	4.49	3.56	2.55	4.50	5.54	2.68	2.59	5.28	6.51
9	7.81	7.56	5.26	4.50	3.65	2.55	4.53	5.59	2.91	2.83	5.23	6.48
10	7.87	7.59	5.25	4.57	3.65	2.81	4.58	5.25	2.45	---	5.25	6.67
11	7.92	7.67	5.21	4.62	3.21	2.95	4.62	5.20	2.75	2.92	5.40	6.84
12	7.97	7.72	5.19	4.66	3.08	3.07	4.62	5.03	2.20	3.09	5.55	6.94
13	8.00	7.75	5.17	4.70	3.19	3.15	4.60	5.11	1.95	3.25	5.71	7.02
14	6.49	7.80	5.19	4.73	3.13	3.21	4.72	4.97	2.43	3.41	5.83	7.11
15	5.29	7.83	5.26	4.13	---	3.27	4.79	4.91	2.75	3.56	5.94	7.22
16	5.46	7.72	5.32	3.16	---	3.34	4.83	5.06	3.03	3.70	6.02	7.20
17	5.65	7.42	5.30	2.70	---	3.37	4.89	5.15	3.20	3.82	6.17	7.16
18	5.81	7.24	5.31	2.85	---	3.45	4.93	5.31	3.28	3.90	6.31	7.27
19	5.96	7.26	5.44	2.90	---	3.50	4.99	5.25	3.32	4.03	6.42	7.34
20	6.03	7.42	5.53	2.58	---	3.55	5.12	5.30	3.41	4.19	6.48	7.39
21	6.15	7.40	5.55	2.75	---	3.57	5.16	5.44	3.47	4.23	6.56	7.46
22	6.28	7.33	5.51	2.94	---	3.65	5.24	5.52	3.51	3.38	6.47	7.52
23	6.36	7.42	5.47	2.99	---	3.68	5.25	5.67	3.63	3.45	5.78	7.50
24	6.48	7.47	5.59	3.03	---	3.77	5.10	5.72	3.45	3.62	6.01	7.34
25	6.58	7.52	5.70	3.11	---	3.86	5.19	5.81	2.78	3.75	6.22	7.44
26	6.68	7.55	5.81	3.16	---	3.91	5.32	5.94	2.99	3.88	6.35	7.44
27	6.81	7.40	5.86	3.22	---	3.92	5.35	5.92	3.11	4.03	6.29	7.49
28	6.91	7.06	5.90	3.12	---	3.99	5.38	5.83	3.19	4.12	5.61	7.58
29	6.96	6.95	6.00	2.89	---	4.04	5.46	5.94	3.22	4.23	5.46	7.63
30	7.00	6.86	6.13	2.91	---	4.07	5.45	6.08	3.07	4.36	5.77	7.68
31	7.01	---	6.12	3.03	---	4.13	---	6.20	---	4.49	6.00	---

WTR YR 1995 MEAN 5.18 HIGH 1.95 LOW 8.00


353219077153801 NC-160
WATER LEVEL, IN FEET BELOW LAND SURFACE
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J
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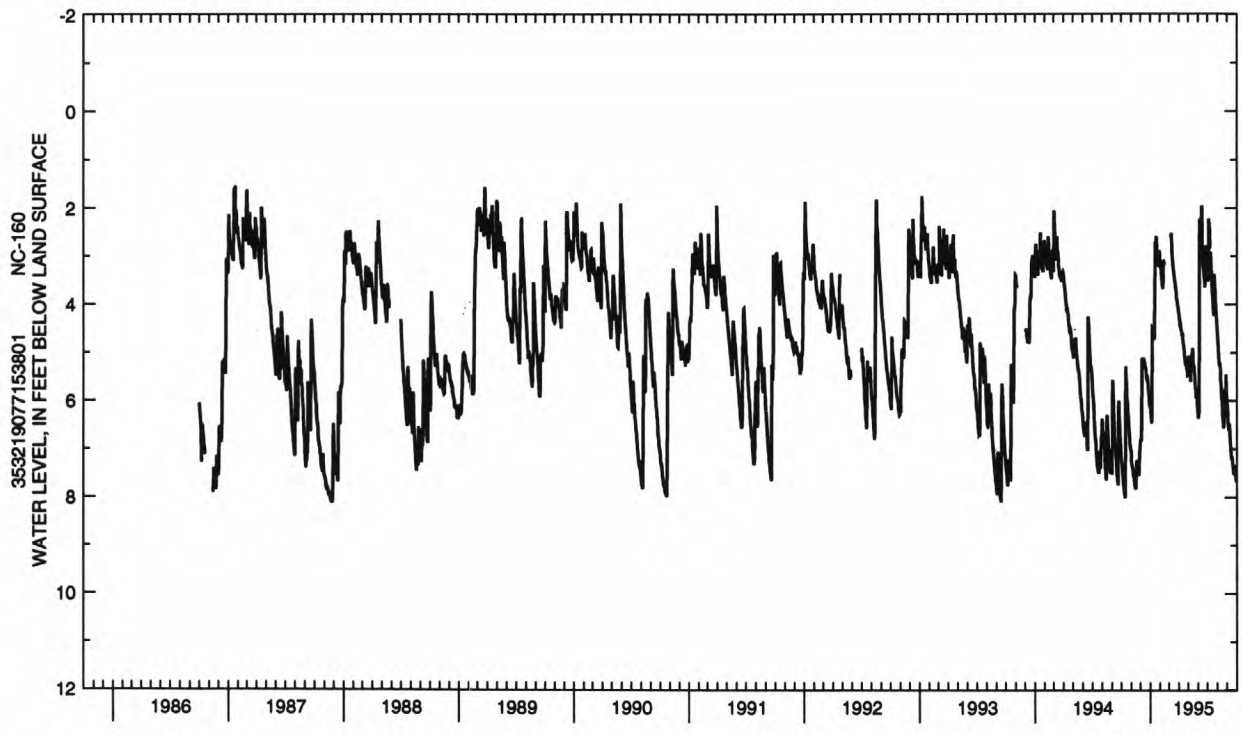
S
1994
1995


353219077153801 NC-160
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1992
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1994
1995

PITT COUNTY--Continued

354457077215504. Local number, NC-183; DEHNR Bethel Research Station well L24b4.

LOCATION.--Lat 35°44'57", long 77°21'55", Hydrologic Unit 03020103, 4.2 mi south of Bethel on U.S. Highway 13 and State Highway 11 at North Pitt High School. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Upper Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 370 ft, diameter 4 in., cased to 360 ft, screened interval from 360 to 370 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 55.31 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 1.87 ft above land-surface datum.

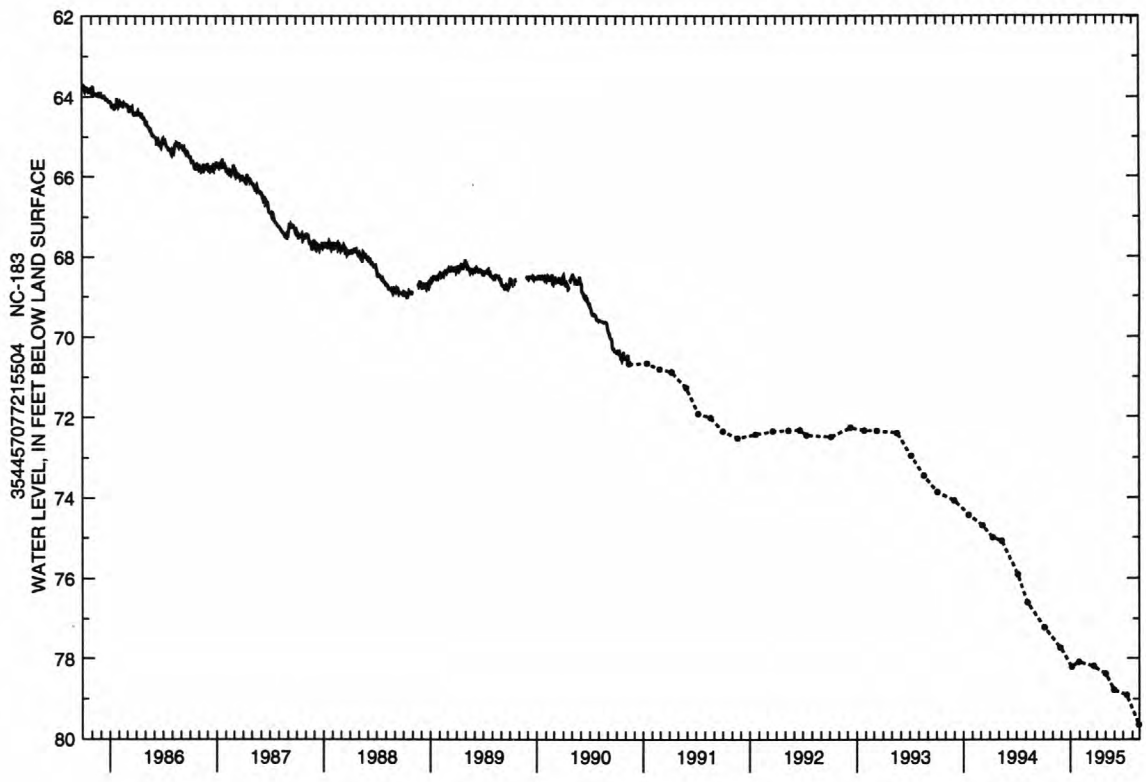
REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--April 1980 to current year. Continuous record October 1983 to November 1990. Records from April 1980 to September 1983 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 56.33 ft below land-surface datum, Apr. 17, 1980; lowest water level measured, 79.64 ft below land-surface datum, Aug. 23, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 5	77.23	JAN 6	78.20	MAR 22	78.19	MAY 31	78.78	JUL 13	78.91	AUG 23	79.64
NOV 28	77.73	JAN 30	78.09	MAY 2	78.38						


354457077215504 NC-183
WATER LEVEL, IN FEET BELOW LAND SURFACE
62
64
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1986
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1992
1993
1994
1995

PITT COUNTY--Continued

353146077193403. Local number, NC-184; DEHNR Conley Research Station well N23p3.

LOCATION.--Lat 35°14'46", long 77°19'34", Hydrologic Unit 03020203, 0.2 mi west of State Highway 43 on Secondary Road 1711 at Conley High School, and 6 mi southeast of Greenville. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Peedee aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 132 ft, diameter 4 in., cased to 122 ft, screened interval from 122 to 132 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 69 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 3.63 ft above land-surface datum.

REMARKS.--Well is part of areal-effects network.

PERIOD OF RECORD.--June 1984 to current year.

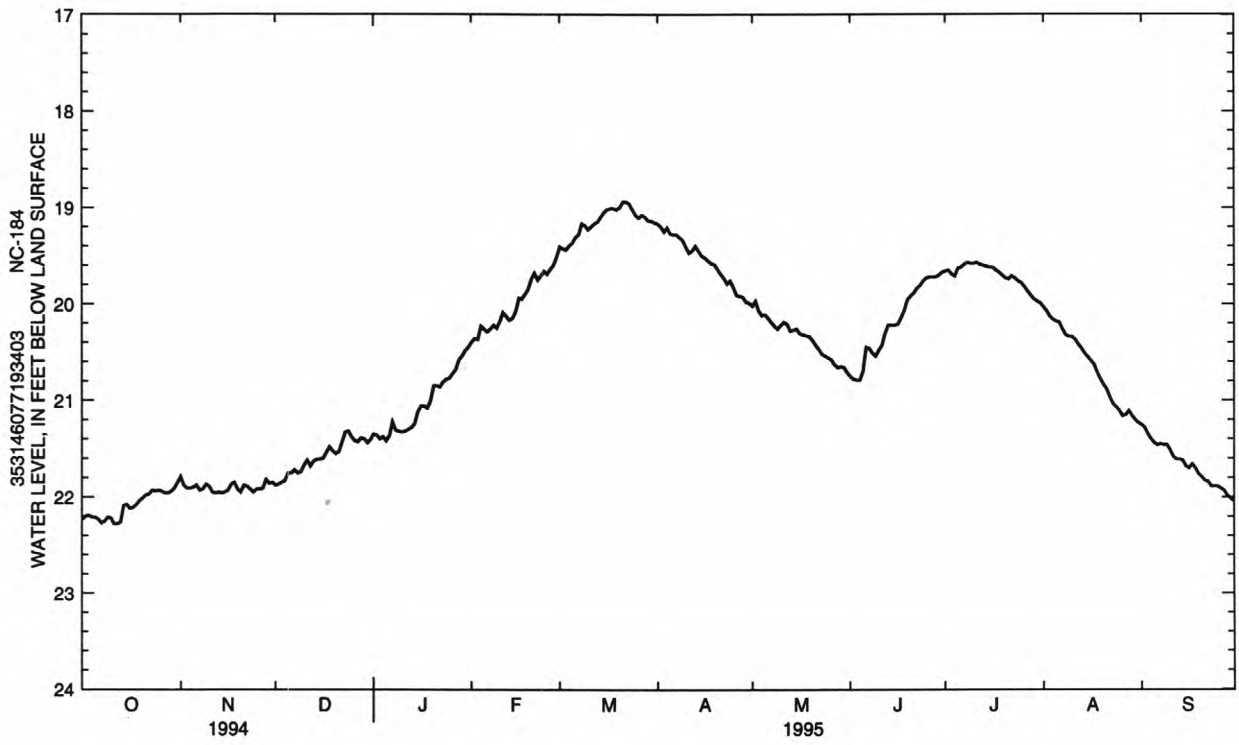
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 17.84 ft below land-surface datum, May 24, 1989; lowest water level recorded, 23.15 ft below land-surface datum, Oct. 6, 1993.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.21	21.90	21.75	21.42	20.26	19.37	19.27	20.11	20.70	19.63	20.18	21.44
10	22.22	21.89	21.67	21.33	20.18	19.23	19.41	20.22	20.48	19.58	20.34	21.51
15	22.08	21.95	21.61	21.12	20.08	19.05	19.50	20.26	20.22	19.62	20.55	21.68
20	22.01	21.95	21.55	20.85	19.74	19.00	19.64	20.38	19.92	19.73	20.84	21.79
25	21.93	21.92	21.38	20.77	19.69	19.08	19.83	20.56	19.73	19.78	21.11	21.89
EOM	21.85	21.85	21.41	20.45	19.51	19.16	19.99	20.71	19.67	19.99	21.23	22.04

WTR YR 1995 MEAN 20.66 HIGH 18.94 MAR 21 LOW 22.28 OCT 11


NC-184
353146077193403
WATER LEVEL, IN FEET BELOW LAND SURFACE
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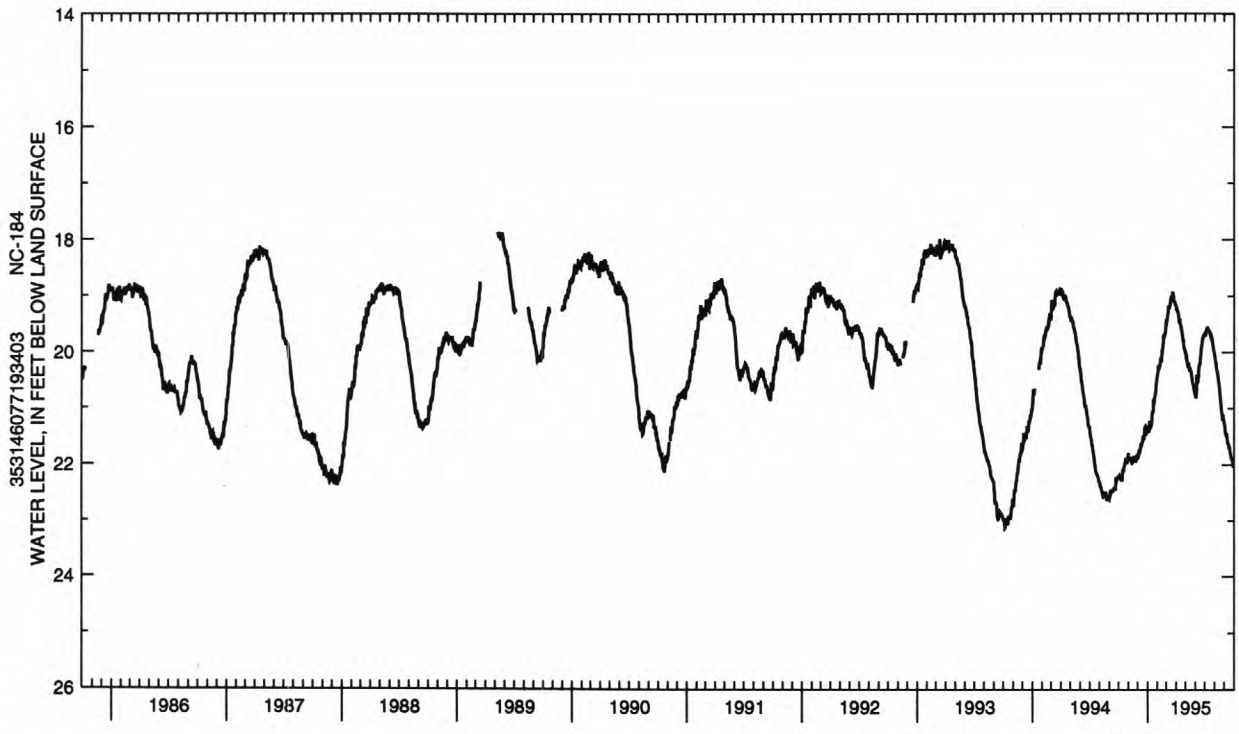
1994
1995


NC-184
353146077193403
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1992
1993
1994
1995

RICHMOND COUNTY

350122079325006. Local number, NC-171; DEHNR Hoffman Research Station well T50r6.

LOCATION.--Lat 35°01'22", long 79°32'50", Hydrologic Unit 03040203, 0.6 mi south of Hoffman on Secondary Road 1474. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Unconfined sands in the upper Black Creek aquifer.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 60 ft, diameter 4 in., cased to 45 ft, screened interval from 45 to 60 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval January 1987 to November 1988; measured periodically with steel tape since November 1988.

DATUM.--Land-surface datum in 413 ft above sea level (from topographic map). Measuring point: Top of casing, 1.80 ft above land-surface datum (since January 1989).

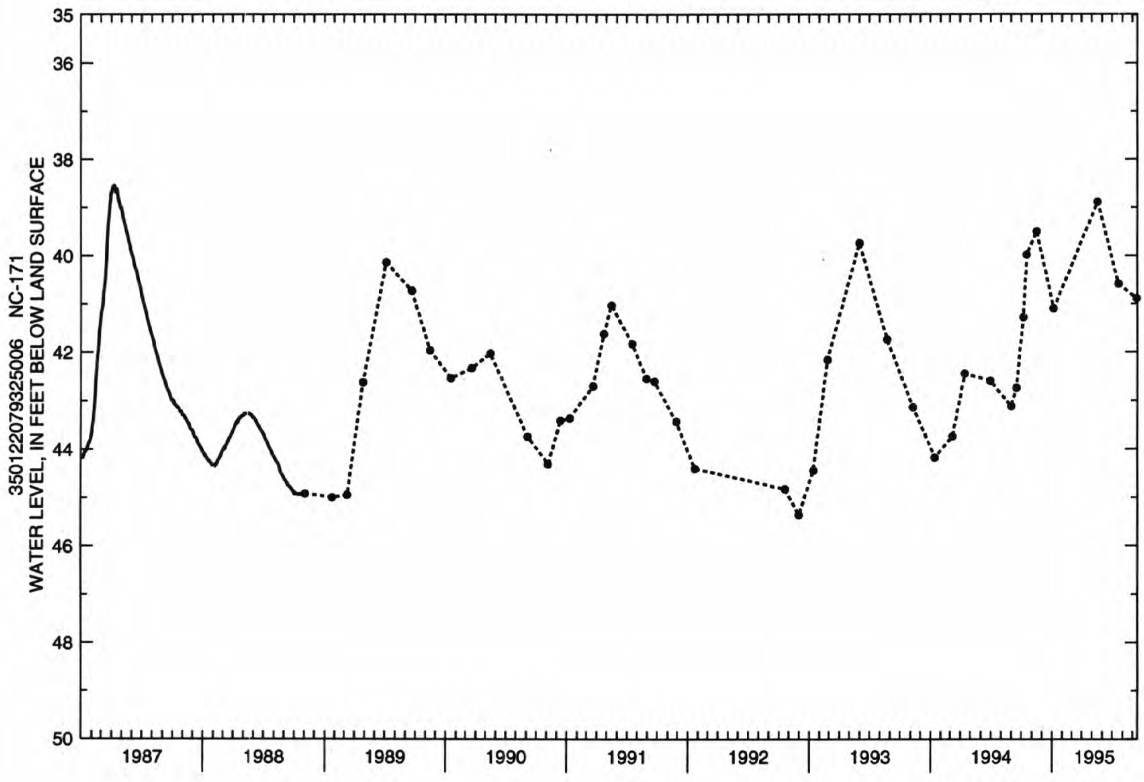
REMARKS.--Well is part of terrane-effects network.

PERIOD OF RECORD.--January 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded 38.55 ft below land-surface datum, Apr. 8, 9, and 10, 1987; lowest water level measured 45.36 ft below land-surface datum, Dec. 1, 1992.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 7	41.28	NOV 16	39.50	JAN 6	41.10	MAY 19	38.89	JUL 20	40.59	SEP 13	40.89
OCT 17	39.98										


350122079325006 NC-171
WATER LEVEL, IN FEET BELOW LAND SURFACE
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1987
1988
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1991
1992
1993
1994
1995

ROBESON COUNTY

343840078550009. Local number, NC-177; USGS well Rb-183; DEHNR Littlefield School Research Station well Y42f9.

LOCATION.--Lat 34°38'40", long 78°55'00", Hydrologic Unit 03040203, 6 mi east of Lumberton on State Highway 41 at Littlefield School. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Upper Cape Fear aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 468 ft, diameter 6 in., cased to 390 ft and from 395 to 429 ft and 434 to 444 ft, screened intervals from 390 to 395 ft, 429 to 434 ft, and 444 to 449 ft; measured depth 462 ft, December 1987.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 142 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 1.40 ft above land-surface datum.

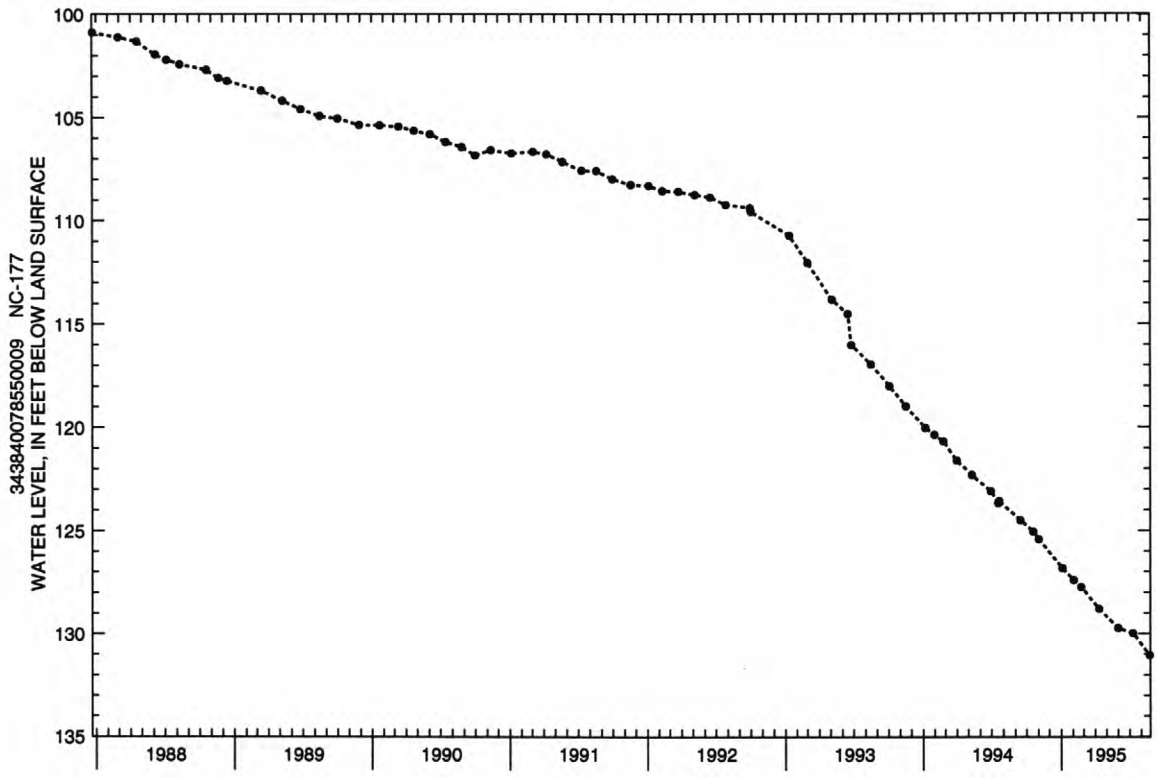
REMARKS.--Well is part of areal-effects network. Records prior to July 1985 are from Littlefield School Research Station well Y42f3 which was adjacent to and of similar construction to well Y42f9. Well Y42f3 was destroyed in September 1987.

PERIOD OF RECORD.--October 1970 to current year. Records for well Y42f3 from October 1970 to June 1985 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 76.40 ft below land-surface datum, Jan. 5, 1971; lowest water level measured, 131.05 ft below land-surface datum, Aug. 23, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 19	125.07	JAN 4	126.84	FEB 23	127.76	JUN 1	129.73	JUL 10	129.99	AUG 23	131.05
NOV 3	125.44	FEB 3	127.42	APR 11	128.80						


343840078550009 NC-177
WATER LEVEL, IN FEET BELOW LAND SURFACE
100
105
110
115
120
125
130
135
1988
1989
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1991
1992
1993
1994
1995

ROBESON COUNTY--Continued

343840078550011. Local number, Rb-185; DEHNR Littlefield School Research Station well Y42f11.

LOCATION.--Lat 34°38'40", long 78°55'00", Hydrologic Unit 03040203, 6 mi east of Lumberton on State Highway 41 at Littlefield School. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Black Creek aquifer of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 155 ft, diameter 6 in., cased to 140 ft and from 145 to 150 ft, screened intervals from 140 to 145 ft and 150 to 155 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 142 ft above sea level (from topographic map). Measuring point: Top of collar on 6-inch casing, 1.0 ft above land-surface datum.

REMARKS.--Well is part of southern Coastal Plain ground-water level monitoring study.

PERIOD OF RECORD.--August 1981 to current year. Continuous record since March 1993.

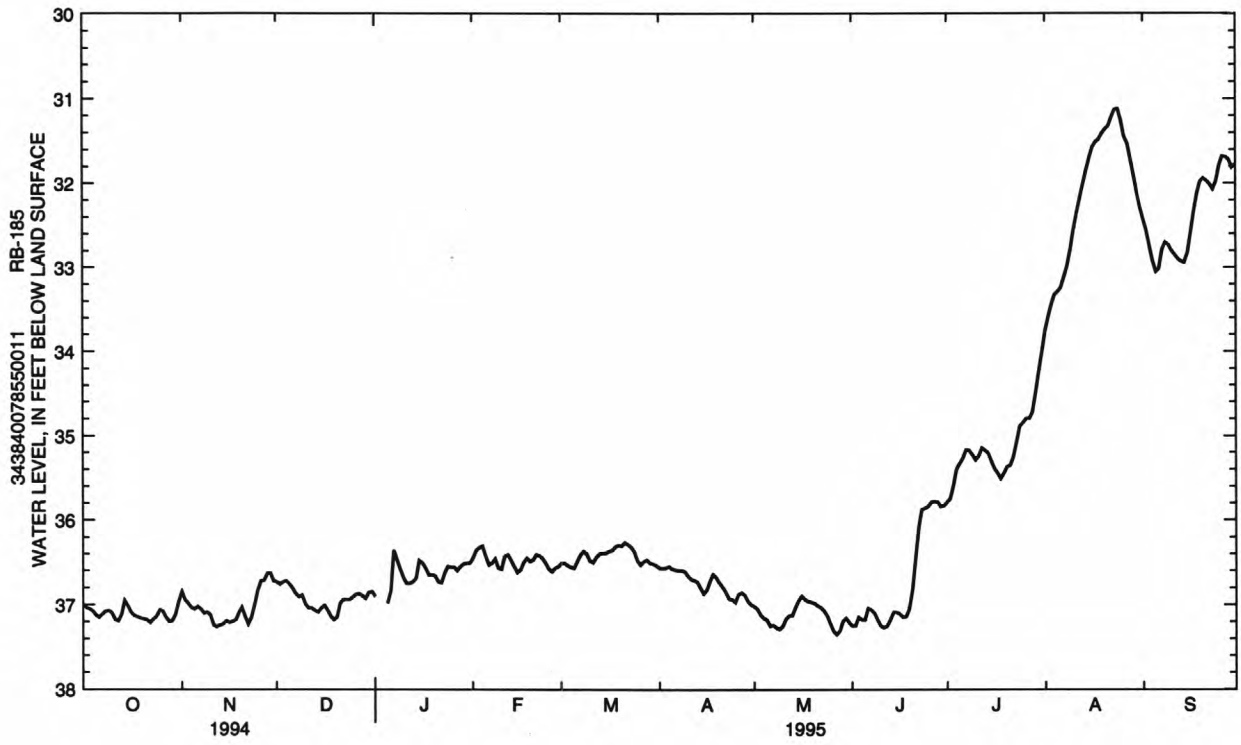
EXTREMES FOR PERIOD OF RECORD.--Highest water level, 20.55 ft below land-surface datum, August 18, 1981; lowest, 37.36 ft below land-surface datum, May 27 and 28, 1995.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	37.13	37.05	36.76	36.98	36.42	36.57	36.58	37.18	37.18	35.33	33.29	33.05
10	37.10	37.12	36.99	36.68	36.58	36.48	36.66	37.25	37.25	35.29	32.55	32.80
15	37.02	37.19	37.04	36.48	36.62	36.39	36.87	36.95	37.09	35.30	31.70	32.82
20	37.17	37.03	37.15	36.66	36.47	36.31	36.74	36.98	36.82	35.37	31.36	31.94
25	37.06	36.83	36.91	36.56	36.58	36.48	36.97	37.22	35.84	34.85	31.26	31.79
EOM	36.96	36.72	36.85	36.51	36.55	36.54	37.00	37.21	35.83	34.00	32.28	31.78

WTR YR 1995 MEAN 35.90 HIGH 31.12 AUG 24 LOW 37.35 MAY 27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WATER LEVEL, IN FEET BELOW LAND SURFACE
343840078550011 RB-185
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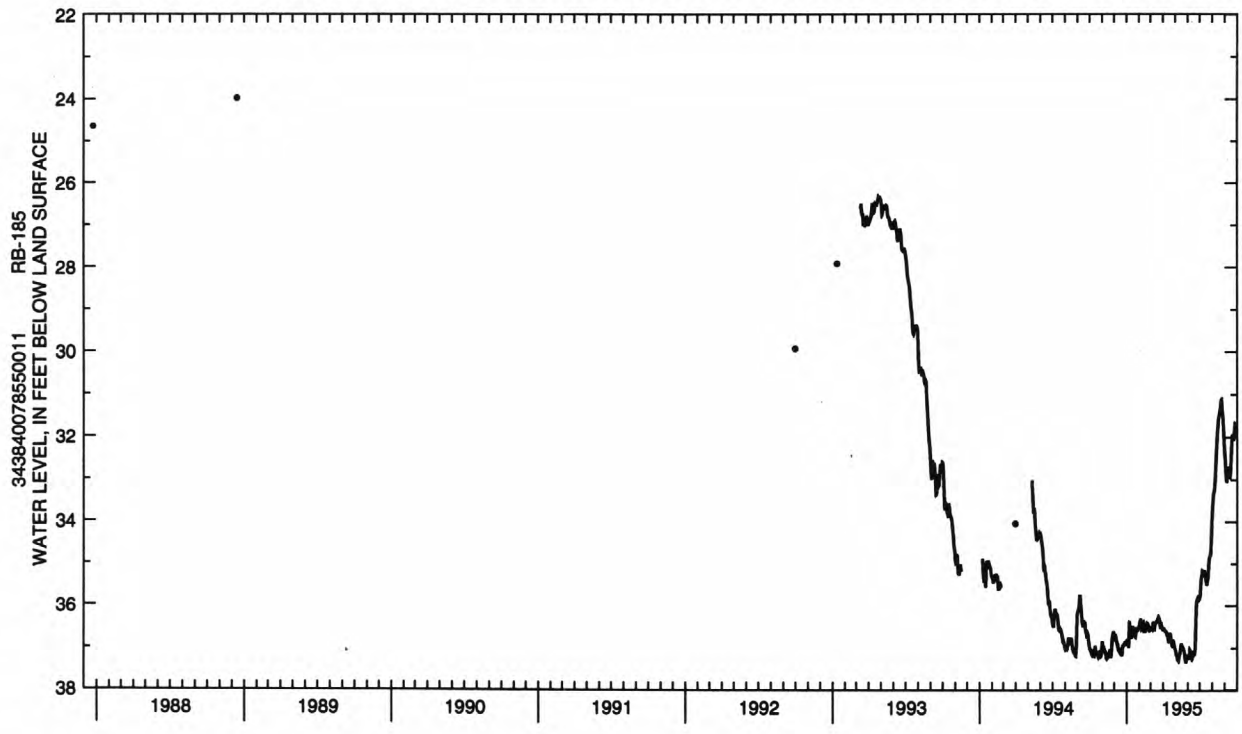
1995


22
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WATER LEVEL, IN FEET BELOW LAND SURFACE
343840078550011 RB-185
1988
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1990
1991
1992
1993
1994
1995

ROWAN COUNTY

354057080362601. Local number, NC-193; DEHNR Piedmont Research Station well L63t1.

LOCATION.--Lat 35°40'57", long 80°36'26", Hydrologic Unit 03040102, 0.75 mi south of Secondary Road 1526 on Piedmont Research Station road and 30 ft east of road, and 2.75 mi south of Barber. Owner: NCDA (North Carolina Department of Agriculture), Piedmont Research Station.

AQUIFER.--Unconfined alluvial silt.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 24 ft, diameter 4 in., cased to 9 ft, screened interval from 9 to 19 ft, sand filter pack from 7.2 to 24 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 678 ft above sea level (from topographic map). Measuring point: Two saw cuts in top of casing, 3.30 ft above land-surface datum.

REMARKS.--U.S. Geological Survey continuous record began Nov. 11, 1989. Well is part of climatic-effects network.

PERIOD OF RECORD.-- November 1989 to current year.

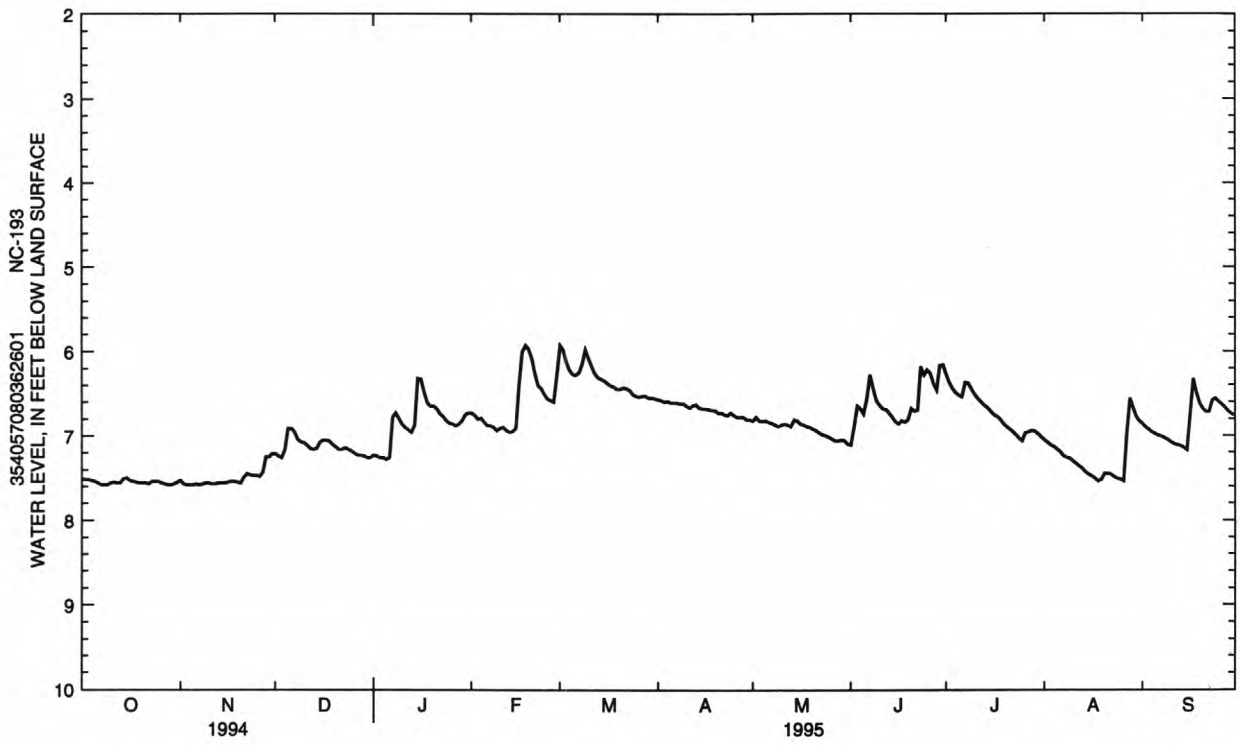
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 4.97 ft below land-surface datum, Mar. 30, 1993; lowest water level recorded, 8.30 ft below land-surface datum, Oct. 28, 29, and 30, 1993.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	7.51	7.53	7.21	7.23	6.73	5.93	6.57	6.82	7.11	6.27	7.05	6.86
2	7.52	7.57	7.24	7.24	6.76	5.98	6.58	6.78	6.89	6.37	7.08	6.90
3	7.52	7.58	7.26	7.26	6.80	6.13	6.60	6.82	6.65	6.44	7.11	6.93
4	7.53	7.58	7.16	7.26	6.79	6.22	6.59	6.83	6.68	6.49	7.13	6.96
5	7.54	7.58	6.91	7.28	6.84	6.27	6.61	6.82	6.74	6.52	7.16	6.98
6	7.56	7.57	6.91	7.26	6.88	6.28	6.61	6.84	6.56	6.54	7.19	7.00
7	7.58	7.58	6.95	6.78	6.88	6.25	6.61	6.85	6.28	6.37	7.24	7.01
8	7.58	7.57	7.04	6.73	6.90	6.15	6.62	6.87	6.44	6.38	7.26	7.03
9	7.58	7.56	7.07	6.79	6.94	5.98	6.62	6.89	6.58	6.45	7.27	7.05
10	7.56	7.56	7.08	6.86	6.91	6.08	6.65	6.87	6.64	6.51	7.30	7.08
11	7.55	7.57	7.11	6.90	6.90	6.18	6.67	6.86	6.68	6.56	7.33	7.10
12	7.56	7.57	7.15	6.93	6.94	6.26	6.64	6.87	6.69	6.60	7.36	7.11
13	7.56	7.56	7.16	6.96	6.96	6.31	6.63	6.89	6.73	6.64	7.39	7.12
14	7.51	7.56	7.15	6.87	6.95	6.33	6.67	6.81	6.78	6.67	7.43	7.14
15	7.50	7.56	7.08	6.32	6.91	6.35	6.68	6.82	6.83	6.71	7.46	7.17
16	7.53	7.55	7.05	6.33	6.38	6.38	6.68	6.86	6.86	6.75	7.48	6.76
17	7.54	7.54	7.05	6.48	6.00	6.41	6.69	6.87	6.82	6.77	7.51	6.33
18	7.55	7.54	7.06	6.61	5.93	6.42	6.70	6.89	6.84	6.80	7.54	6.49
19	7.56	7.55	7.10	6.65	5.97	6.45	6.70	6.90	6.81	6.85	7.52	6.62
20	7.56	7.56	7.13	6.65	6.09	6.45	6.73	6.92	6.68	6.89	7.45	6.68
21	7.56	7.49	7.16	6.68	6.26	6.43	6.73	6.94	6.71	6.92	7.45	6.72
22	7.57	7.45	7.16	6.74	6.41	6.44	6.75	6.97	6.70	6.95	7.46	6.72
23	7.54	7.46	7.14	6.77	6.44	6.46	6.76	6.99	6.18	6.99	7.49	6.58
24	7.54	7.47	7.16	6.82	6.51	6.51	6.73	7.00	6.28	7.03	7.51	6.56
25	7.54	7.47	7.18	6.85	6.56	6.53	6.76	7.02	6.22	7.06	7.52	6.60
26	7.56	7.48	7.21	6.86	6.58	6.54	6.78	7.04	6.26	6.97	7.54	6.63
27	7.57	7.43	7.23	6.88	6.60	6.53	6.78	7.06	6.38	6.96	6.95	6.67
28	7.58	7.25	7.23	6.86	6.27	6.53	6.78	7.06	6.46	6.94	6.56	6.71
29	7.58	7.25	7.24	6.82	---	6.55	6.81	7.05	6.17	6.95	6.68	6.74
30	7.57	7.21	7.26	6.75	---	6.55	6.81	7.06	6.16	6.98	6.78	6.76
31	7.55	---	7.26	6.73	---	6.56	---	7.10	---	7.02	6.83	---

WTR YR 1995 MEAN 6.92 HIGH 5.93 LOW 7.58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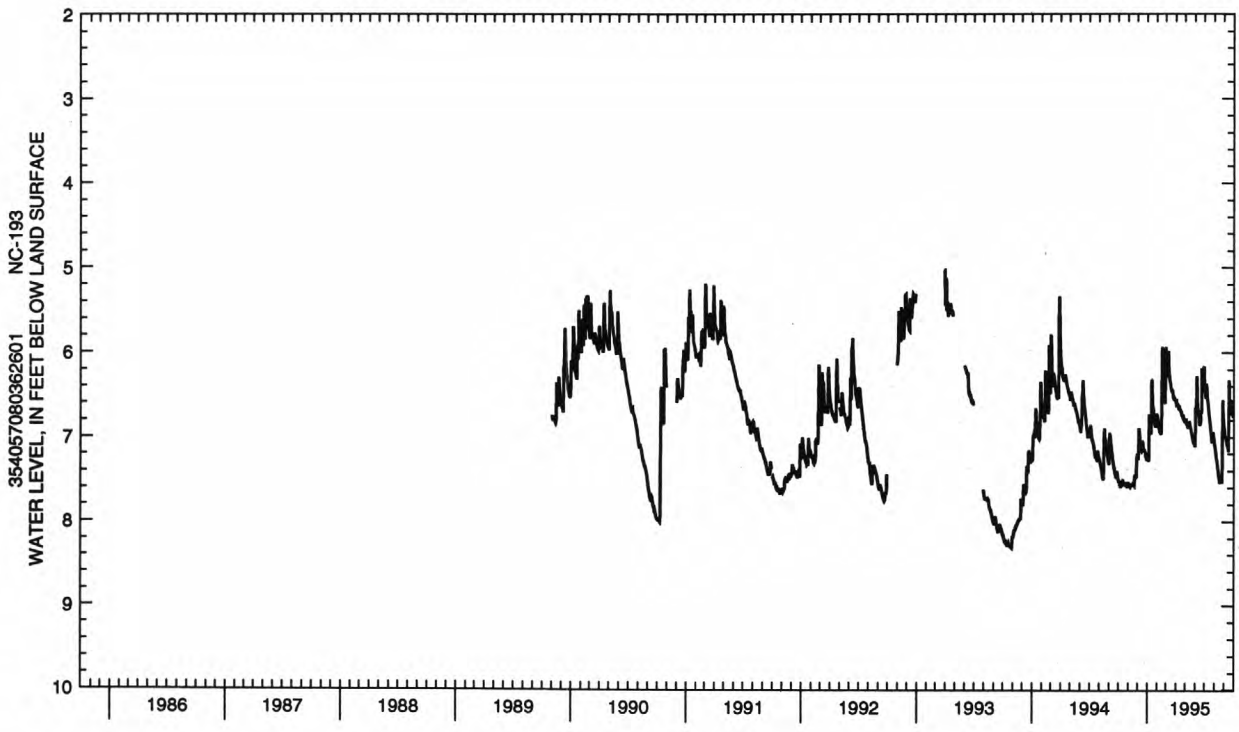
354057080362601 NC-193
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SCOTLAND COUNTY

345812079313401. Local number, NC-194.

LOCATION.--Lat 34°58'17", long 79°31'41", Hydrologic Unit 03040204, in Sandhills Game Management Area, 0.15 mi west of Secondary Road 1328, 3.4 mi east of Marston, 4.8 mi south of Hoffman, and 6.1 mi southwest of Silver Hill. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined sands in the upper Black Creek aquifer.

WELL CHARACTERISTICS.--Drilled observation well, depth 35.6 ft, diameter 4 in., cased to 30.5 ft, screened interval from 30.6 to 35.6 ft. Annular space filled with native clayey sand from 0 to 30 ft below land surface.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 433 ft above sea level, from topographic map. Measuring point: Top of casing, 2.93 ft above land-surface datum.

REMARKS.--Well is part of terrain-effects network.

PERIOD OF RECORD.--September 1987 to current year.

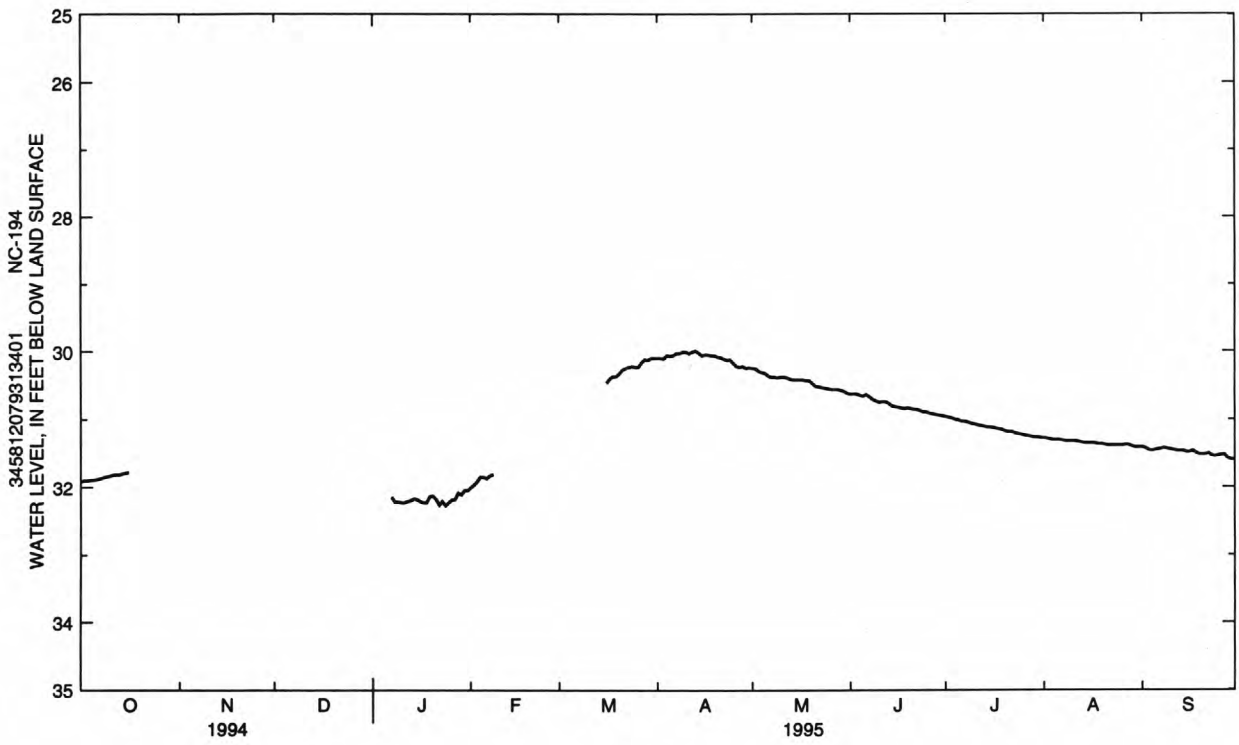
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 29.63 ft below land-surface datum, Aug. 23, 1989; lowest water level recorded, 33.08 ft below land-surface datum, Mar. 24, 1992 and Feb. 27, 1994.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	31.91	---	---	---	32.01	---	30.10	30.25	30.63	30.96	31.27	31.41
2	31.90	---	---	---	31.97	---	30.10	30.25	30.63	30.97	31.28	31.42
3	31.90	---	---	---	31.92	---	30.11	30.29	30.63	30.98	31.29	31.45
4	31.89	---	---	---	31.85	---	30.06	30.31	30.65	31.00	31.30	31.46
5	31.89	---	---	---	31.85	---	30.07	30.32	30.66	31.01	31.30	31.45
6	31.88	---	---	---	31.87	---	30.06	30.36	30.64	31.03	31.30	31.44
7	31.87	---	---	32.15	31.83	---	30.03	30.38	30.67	31.03	31.31	31.43
8	31.85	---	---	32.22	31.81	---	30.03	30.38	30.71	31.04	31.32	31.42
9	31.84	---	---	32.22	---	---	30.01	30.39	30.73	31.06	31.32	31.43
10	31.83	---	---	32.23	---	---	30.01	30.38	30.75	31.07	31.32	31.44
11	31.82	---	---	32.23	---	---	30.03	30.38	30.74	31.08	31.32	31.45
12	31.81	---	---	32.21	---	---	30.01	30.39	30.74	31.09	31.33	31.46
13	31.81	---	---	32.20	---	---	29.99	30.41	30.76	31.10	31.34	31.46
14	31.80	---	---	32.17	---	---	30.02	30.42	30.80	31.11	31.35	31.46
15	31.79	---	---	32.18	---	---	30.06	30.42	30.81	31.11	31.35	31.48
16	31.78	---	---	32.21	---	30.46	30.05	30.42	30.82	31.12	31.35	31.48
17	---	---	---	32.23	---	30.40	30.05	30.42	30.83	31.13	31.35	31.46
18	---	---	---	32.23	---	30.37	30.06	30.43	30.84	31.14	31.36	31.49
19	---	---	---	32.14	---	30.37	30.06	30.43	30.83	31.15	31.36	31.51
20	---	---	---	32.13	---	30.33	30.08	30.47	30.84	31.17	31.37	31.51
21	---	---	---	32.18	---	30.27	30.09	30.51	30.85	31.18	31.38	31.51
22	---	---	---	32.26	---	30.25	30.11	30.52	30.85	31.18	31.38	31.50
23	---	---	---	32.21	---	30.23	30.13	30.53	30.87	31.20	31.38	31.53
24	---	---	---	32.27	---	30.22	30.12	30.54	30.89	31.21	31.38	31.54
25	---	---	---	32.23	---	30.23	30.17	30.55	30.89	31.22	31.38	31.53
26	---	---	---	32.19	---	30.23	30.22	30.56	30.91	31.23	31.38	31.52
27	---	---	---	32.18	---	30.16	30.23	30.56	30.92	31.24	31.37	31.52
28	---	---	---	32.09	---	30.12	30.22	30.56	30.93	31.25	31.38	31.57
29	---	---	---	32.11	---	30.13	30.25	30.57	30.94	31.26	31.40	31.59
30	---	---	---	32.05	---	30.10	30.24	30.59	30.95	31.26	31.41	31.59
31	---	---	---	32.05	---	30.10	---	30.62	---	31.27	31.41	---

WTR YR 1995 MEAN 31.07 HIGH 29.99 LOW 32.27


345812079313401 NC-194
WATER LEVEL, IN FEET BELOW LAND SURFACE
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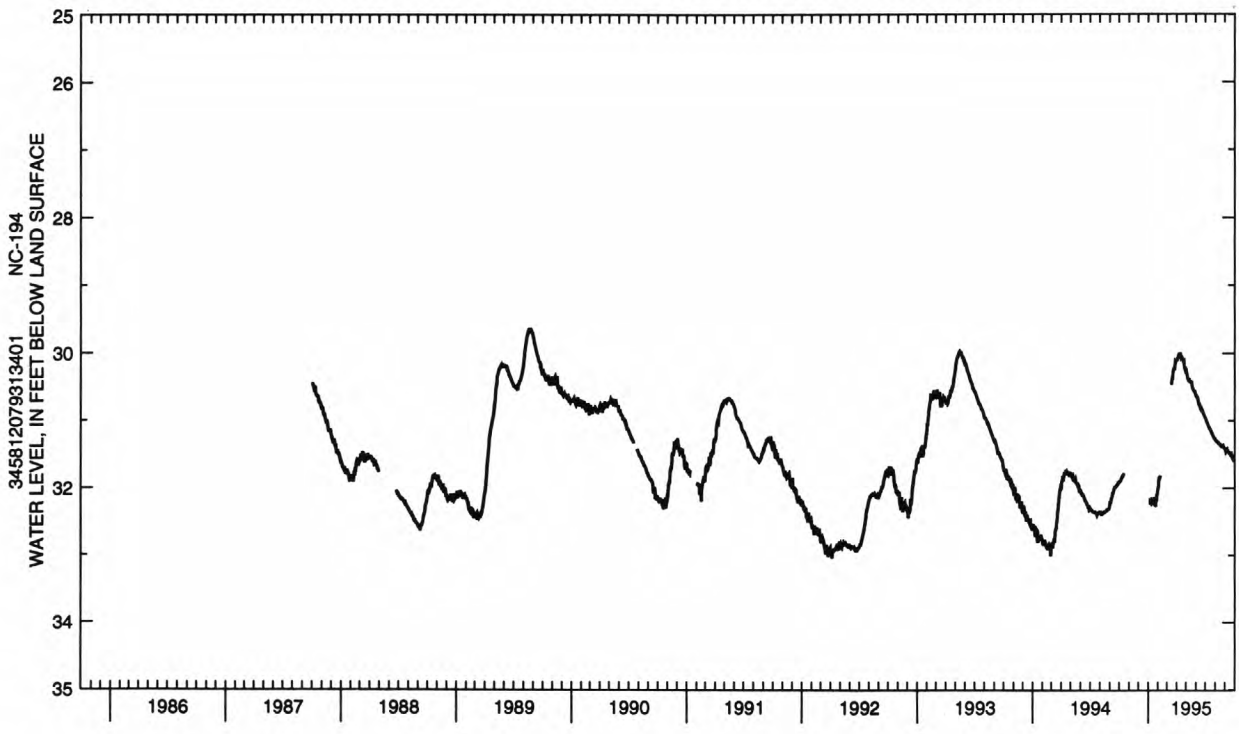
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TRANSYLVANIA COUNTY

351808082374302. Local number, NC-144.

LOCATION.--Lat 35°18'08", long 82°37'43", Hydrologic Unit 06010105, at Blantyre, 0.25 mi northwest of U.S. Highway 64 on King Road (Secondary Road 1502). Owner: U.S. Geological Survey.

AQUIFER.--Unconfined saprolite derived from gneiss of Paleozoic age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 70 ft, diameter 4 in., cased to 58 ft, casing perforated from 15 to 58 ft, gravel filter pack from 5 to 58 ft, backfilled with gravel and saprolite from 58 to 70 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 2,147.11 ft above sea level. Measuring point: Top of casing, 1.30 ft above land-surface datum.

REMARKS.--In September 1984, well replaced nearby NC-127. Well is part of terrane-effects network.

PERIOD OF RECORD.--October 1981 to current year.

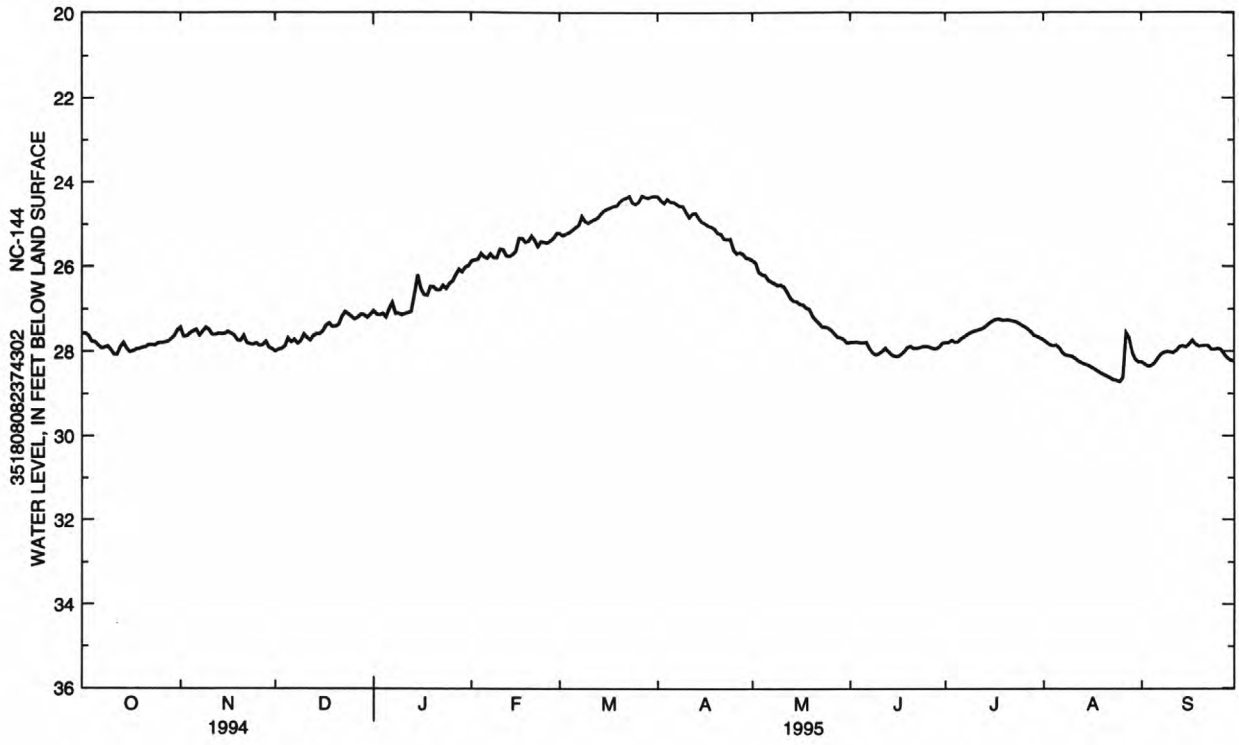
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 22.20 ft below land-surface datum, Apr. 26, 1993; lowest water level recorded, 37.95 ft below land-surface datum, Dec. 23 and 24, 1981.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	27.57	27.43	27.99	27.04	25.87	25.22	24.34	25.86	27.78	27.79	27.73	28.25
2	27.56	27.64	27.95	27.12	25.84	25.27	24.43	25.91	27.78	27.79	27.79	28.30
3	27.63	27.63	27.93	27.13	25.83	25.23	24.50	26.13	27.77	27.74	27.85	28.35
4	27.76	27.56	27.87	27.10	25.69	25.20	24.40	26.19	27.79	27.78	27.87	28.34
5	27.77	27.51	27.68	27.18	25.77	25.14	24.47	26.21	27.79	27.77	27.86	28.28
6	27.85	27.48	27.77	26.99	25.80	25.08	24.47	26.32	27.78	27.70	27.92	28.18
7	27.92	27.61	27.71	26.85	25.70	25.02	24.52	26.36	27.92	27.65	28.04	28.08
8	27.91	27.52	27.81	27.10	25.79	24.81	24.57	26.40	28.03	27.60	28.09	28.03
9	27.87	27.43	27.75	27.09	25.79	24.93	24.57	26.44	28.08	27.55	28.10	28.01
10	27.96	27.48	27.59	27.13	25.59	24.97	24.71	26.43	28.05	27.52	28.12	28.02
11	28.07	27.60	27.67	27.10	25.60	24.92	24.83	26.48	28.00	27.50	28.17	28.03
12	28.07	27.60	27.73	27.08	25.75	24.88	24.75	26.60	27.92	27.48	28.23	27.98
13	27.89	27.57	27.62	27.05	25.76	24.84	24.73	26.74	28.00	27.45	28.27	27.89
14	27.79	27.58	27.58	26.62	25.72	24.75	24.85	26.81	28.08	27.39	28.30	27.87
15	27.93	27.57	27.58	26.20	25.64	24.67	24.94	26.82	28.11	27.33	28.33	27.90
16	28.01	27.53	27.51	26.52	25.33	24.64	24.98	26.89	28.12	27.28	28.37	27.83
17	27.99	27.57	27.38	26.65	25.33	24.61	25.04	26.90	28.07	27.24	28.42	27.74
18	27.95	27.61	27.33	26.67	25.42	24.57	25.06	26.97	28.00	27.23	28.47	27.83
19	27.93	27.73	27.41	26.47	25.40	24.56	25.11	27.00	27.91	27.27	28.52	27.88
20	27.91	27.74	27.40	26.47	25.28	24.46	25.21	27.17	27.88	27.26	28.56	27.87
21	27.89	27.62	27.36	26.54	25.37	24.40	25.23	27.25	27.93	27.26	28.60	27.87
22	27.84	27.79	27.17	26.54	25.52	24.37	25.35	27.33	27.92	27.28	28.63	27.87
23	27.84	27.82	27.06	26.44	25.41	24.33	25.36	27.41	27.91	27.29	28.68	27.96
24	27.85	27.83	27.11	26.51	25.42	24.49	25.35	27.42	27.88	27.33	28.69	27.96
25	27.79	27.80	27.17	26.40	25.44	24.52	25.61	27.44	27.88	27.38	28.72	27.94
26	27.79	27.86	27.23	26.34	25.39	24.46	25.69	27.50	27.90	27.42	28.63	27.96
27	27.78	27.84	27.19	26.20	25.33	24.32	25.67	27.58	27.93	27.47	27.56	28.07
28	27.76	27.76	27.12	26.06	25.22	24.35	25.71	27.66	27.94	27.54	27.68	28.15
29	27.70	27.91	27.13	26.12	---	24.37	25.80	27.67	27.90	27.62	28.03	28.21
30	27.63	27.94	27.19	26.01	---	24.34	25.81	27.72	27.81	27.65	28.19	28.23
31	27.49	---	27.12	25.98	---	24.33	---	27.80	---	27.69	28.25	---

WTR YR 1995 MEAN 26.97 HIGH 24.32 LOW 28.72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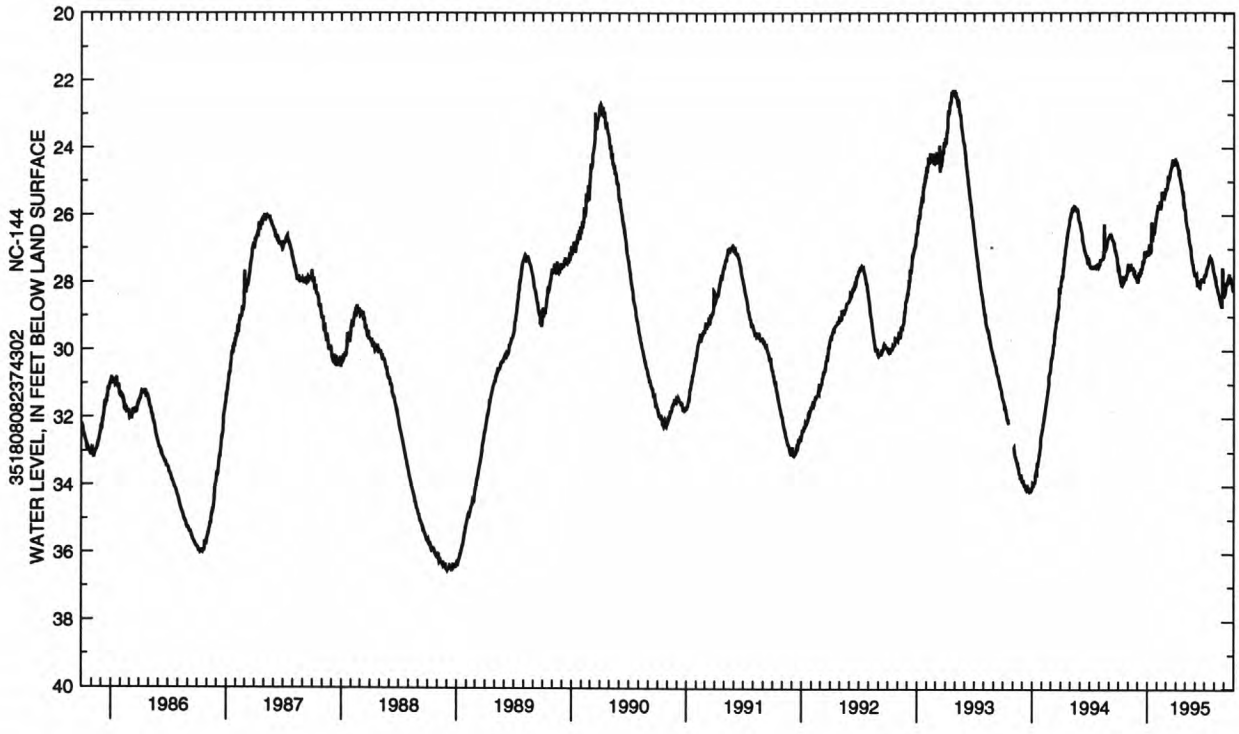
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TRANSYLVANIA COUNTY--Continued

351709082434101. Local number, NC-147.

LOCATION.--Lat 35°17'09", long 82°43'41", Hydrologic Unit 06010105, 3.5 mi north of Brevard on U.S. Highway 276, 700 ft northwest of U.S. Forest Service Ranger Station in Pisgah National Forest. Owner: U.S. Geological Survey.

AQUIFER.--Unconfined alluvial sand.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 25 ft, diameter 4 in., cased to 11.6 ft, screened interval from 11.6 to 21.6 ft; measured depth 22.9 ft, June 1985.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 2,176.70 ft above sea level. Measuring point: Top of casing, 2.24 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--June 1985 to current year.

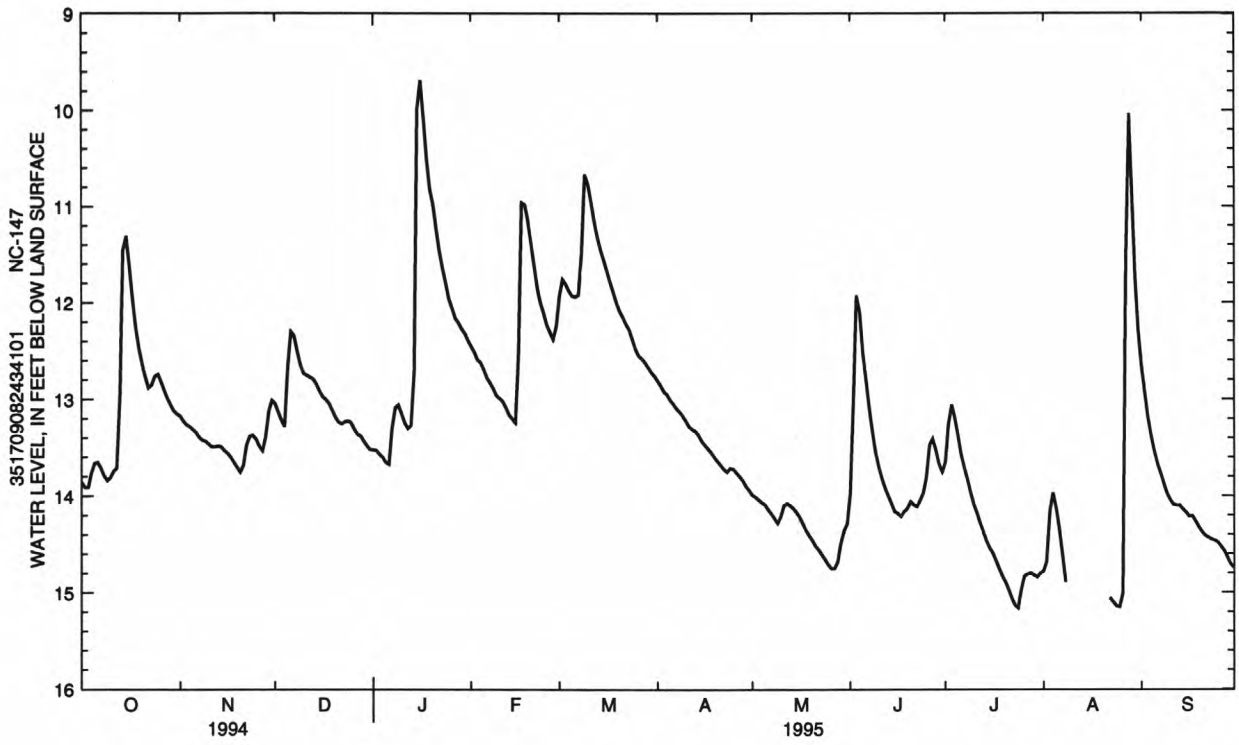
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 7.43 ft below land-surface datum, Oct. 2, 1989; lowest water level recorded, 17.66 ft below land-surface datum, Oct. 8 and 9, 1986.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	13.86	13.17	13.04	13.52	12.45	11.93	12.81	13.99	13.98	13.65	14.78	12.66
2	13.91	13.22	13.13	13.53	12.51	11.76	12.86	14.01	13.01	13.26	14.68	12.93
3	13.91	13.26	13.21	13.57	12.59	11.81	12.92	14.04	11.93	13.06	14.16	13.19
4	13.76	13.28	13.28	13.60	12.62	11.88	12.95	14.07	12.10	13.19	13.97	13.38
5	13.66	13.31	12.68	13.65	12.69	11.93	13.01	14.09	12.52	13.38	14.13	13.54
6	13.65	13.34	12.30	13.67	12.78	11.94	13.05	14.14	12.81	13.57	14.34	13.66
7	13.71	13.39	12.34	13.30	12.83	11.92	13.10	14.18	13.09	13.71	14.62	13.77
8	13.79	13.42	12.50	13.09	12.89	11.49	13.13	14.23	13.34	13.83	14.89	13.87
9	13.84	13.43	12.64	13.06	12.96	10.67	13.17	14.28	13.55	13.97	---	13.97
10	13.81	13.46	12.73	13.15	12.99	10.76	13.22	14.21	13.70	14.09	---	14.04
11	13.74	13.49	12.75	13.24	13.02	10.95	13.28	14.10	13.82	14.18	---	14.09
12	13.71	13.49	12.77	13.30	13.09	11.15	13.31	14.08	13.92	14.28	---	14.10
13	12.94	13.48	12.79	13.27	13.16	11.32	13.33	14.10	14.00	14.37	---	14.10
14	11.45	13.49	12.84	12.70	13.20	11.45	13.37	14.13	14.08	14.46	---	14.14
15	11.31	13.53	12.91	9.99	13.24	11.56	13.43	14.17	14.16	14.54	---	14.17
16	11.61	13.56	12.97	9.69	12.50	11.67	13.47	14.22	14.18	14.59	---	14.21
17	11.96	13.60	13.00	10.07	10.96	11.79	13.51	14.29	14.21	14.67	---	14.21
18	12.25	13.65	13.04	10.51	10.98	11.89	13.55	14.36	14.16	14.75	---	14.26
19	12.47	13.70	13.11	10.82	11.15	12.00	13.60	14.41	14.13	14.83	---	14.32
20	12.63	13.75	13.18	10.98	11.39	12.09	13.64	14.46	14.06	14.89	---	14.37
21	12.77	13.68	13.23	11.23	11.61	12.15	13.68	14.52	14.09	14.97	---	14.41
22	12.88	13.47	13.25	11.47	11.85	12.22	13.72	14.56	14.11	15.06	15.06	14.43
23	12.85	13.38	13.23	11.64	12.00	12.28	13.75	14.61	14.05	15.13	15.10	14.45
24	12.76	13.37	13.22	11.80	12.11	12.38	13.71	14.66	13.97	15.16	15.14	14.46
25	12.74	13.41	13.24	11.96	12.23	12.48	13.72	14.71	13.81	14.96	15.15	14.48
26	12.82	13.48	13.31	12.06	12.31	12.55	13.76	14.75	13.47	14.83	15.01	14.52
27	12.91	13.53	13.36	12.16	12.38	12.58	13.80	14.75	13.41	14.81	11.51	14.57
28	12.99	13.39	13.38	12.21	12.24	12.62	13.84	14.68	13.53	14.80	10.04	14.63
29	13.06	13.12	13.43	12.27	---	12.67	13.90	14.49	13.67	14.82	10.93	14.70
30	13.12	13.01	13.48	12.32	---	12.72	13.94	14.36	13.75	14.84	11.73	14.74
31	13.15	---	13.52	12.39	---	12.76	---	14.29	---	14.80	12.29	---

WTR YR 1995 MEAN 13.29 HIGH 9.69 LOW 15.16


351709082434101 NC-147
WATER LEVEL, IN FEET BELOW LAND SURFACE
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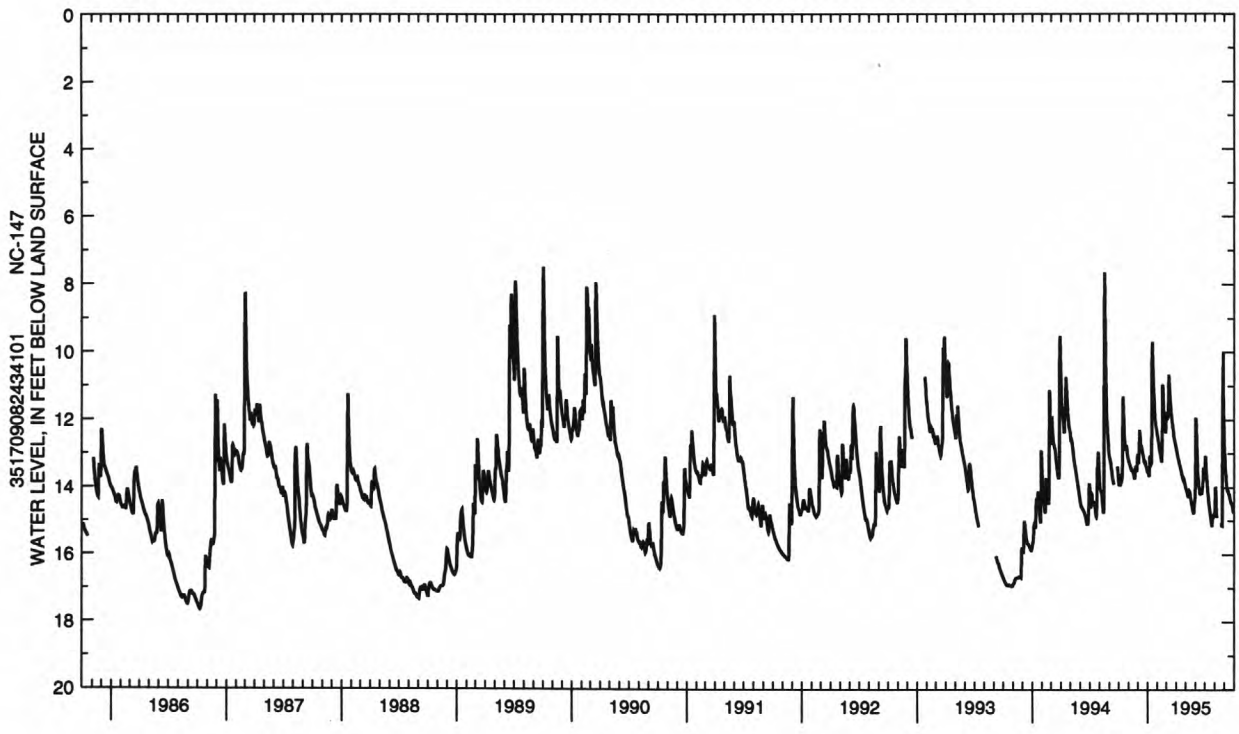
351709082434101 NC-147
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WASHINGTON COUNTY

354351076260501. Local number, NC-156; DEHNR Lake Phelps Research Station well L13i1.

LOCATION.--Lat 35°43'51", long 76°26'05", Hydrologic Unit 03010205, on south shore of Lake Phelps, south of Secondary Road 1126 on Secondary Road 1183. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Castle Hayne aquifer of Oligocene and Eocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 510 ft, diameter 6 in., cased to 390 ft, open hole to 510 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 16.15 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.47 ft above land-surface datum; revised from 2.60 ft above land-surface datum, October 1987.

REMARKS.--Well is part of areal-effects network.

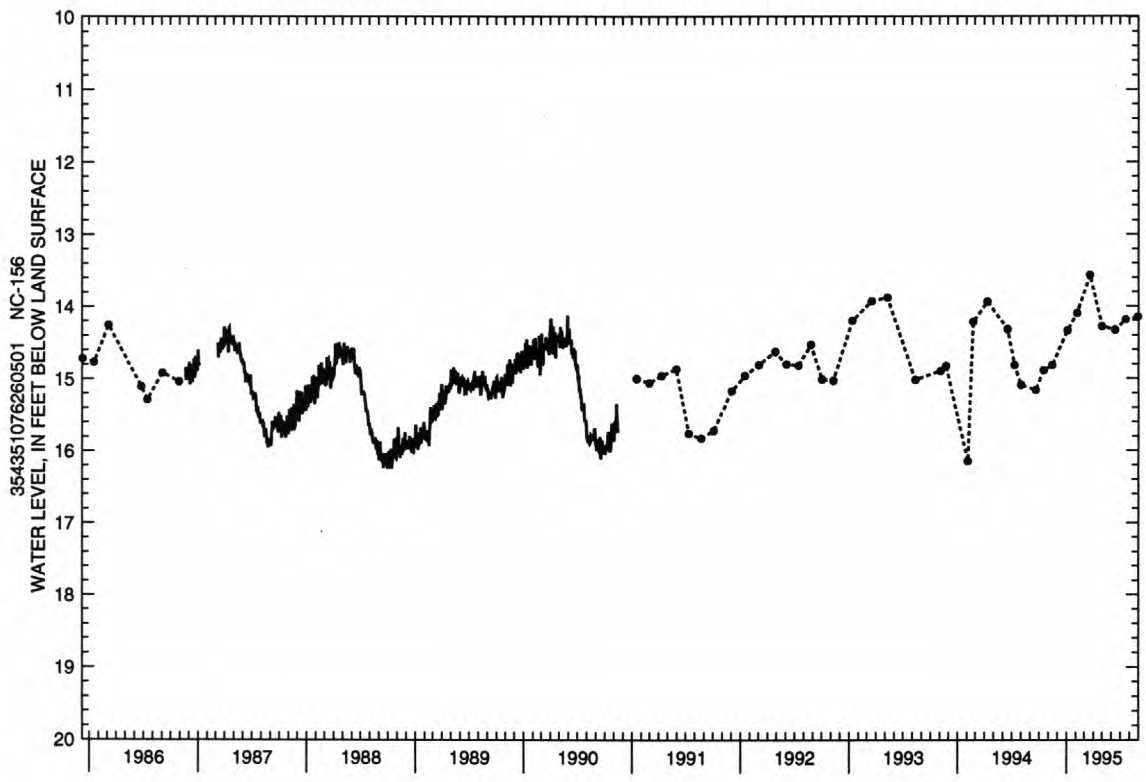
PERIOD OF RECORD.--August 1977 to current year. Continuous record November 1986 to November 1990. Records from August 1977 to September 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 13.14 ft below land-surface datum, May 16, 1978; lowest water level recorded, 16.29 ft below land-surface datum, Oct. 14, 1988.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by +0.13 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	14.89	JAN 4	14.34	MAR 21	13.57	JUN 14	14.33	JUL 19	14.19	AUG 29	14.15
NOV 14	14.82	FEB 6	14.10	MAY 1	14.28						


354351076260501 NC-156
WATER LEVEL, IN FEET BELOW LAND SURFACE
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WASHINGTON COUNTY--Continued

354351076260502. Local number, NC-157; DEHNR Lake Phelps Research Station well L13i2.

LOCATION.--Lat 35°43'51", long 76°26'05", Hydrologic Unit 03010205, on south shore of Lake Phelps, south of Secondary Road 1126 on Secondary Road 1183. Owner: DEHNR (North Carolina Department of Environment, Health, and Natural Resources).

AQUIFER.--Yorktown aquifer of Pliocene and Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 130 ft, diameter 4 in., cased to 110 ft, screened interval from 110 to 120 ft; measured depth 120.2 ft, October 1986.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 16.35 ft above sea level (levels by DEHNR). Measuring point: Top of instrument shelf, 2.84 ft above land-surface datum; revised from 3.20 ft above land-surface datum, October 1987.

REMARKS.--Well is part of areal-effects network.

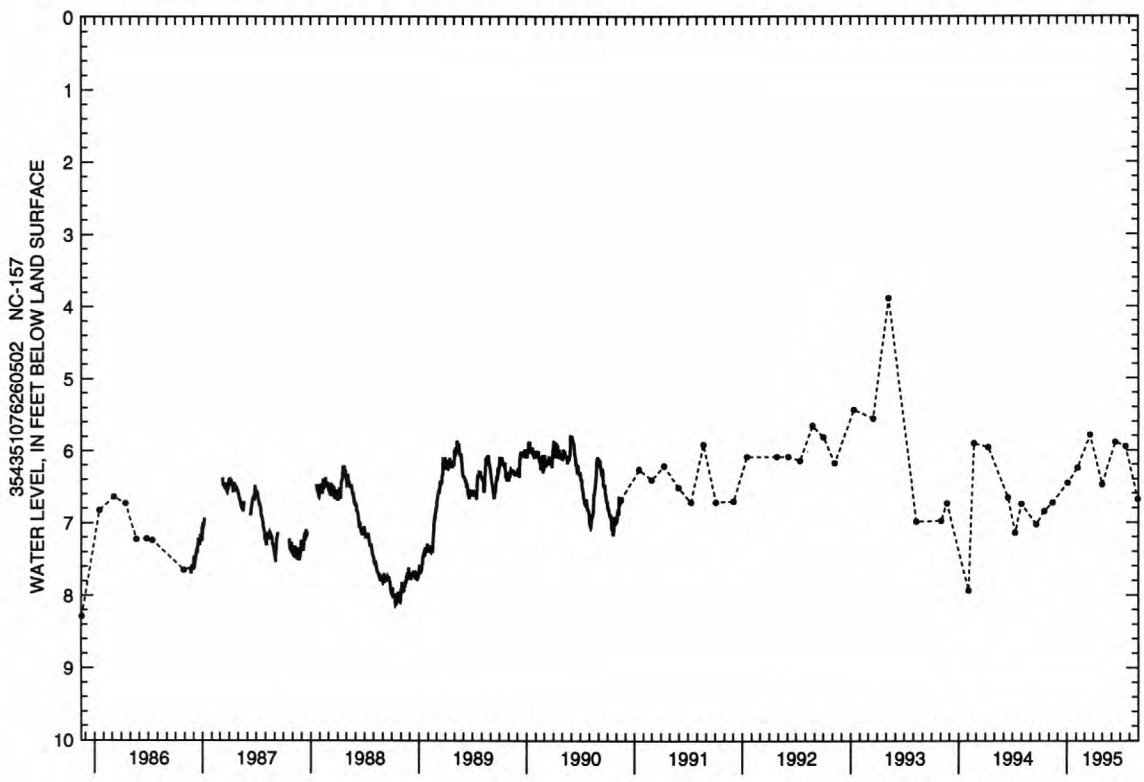
PERIOD OF RECORD.--October 1977 to current year. Continuous record November 1986 to November 1990. Records from October 1977 to July 1986 are unpublished and available in the files of the Groundwater Section, DEHNR.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.89 ft below land-surface datum, May 10, 1993; lowest water level recorded, 9.35 ft below land-surface datum, Feb. 24, 1981.

REVISIONS.--Water-level mean values and extremes for period of record published in Water Resources Data, North Carolina, NC-87-1, should be adjusted by +0.36 ft.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL	DATE	WATER LEVEL
OCT 17	6.85	JAN 4	6.46	MAR 21	5.79	JUN 14	5.89	JUL 19	5.95	AUG 29	6.68
NOV 14	6.73	FEB 6	6.25	MAY 1	6.48						


354351076260502 NC-157
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WASHINGTON COUNTY--Continued

354418076463601. Local number, NC-158.

LOCATION.--Lat 35°44'18", long 76°46'36", Hydrologic Unit 03020104, 2.4 mi west of State Highway 32 on Secondary Road 1101. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Drilled observation well, drilled to 15 ft, diameter 4 in., cased to 10 ft, screened interval from 10 to 15 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 35 ft above sea level (from topographic map). Measuring point: Top of instrument shelf, 2.49 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--December 1986 to current year.

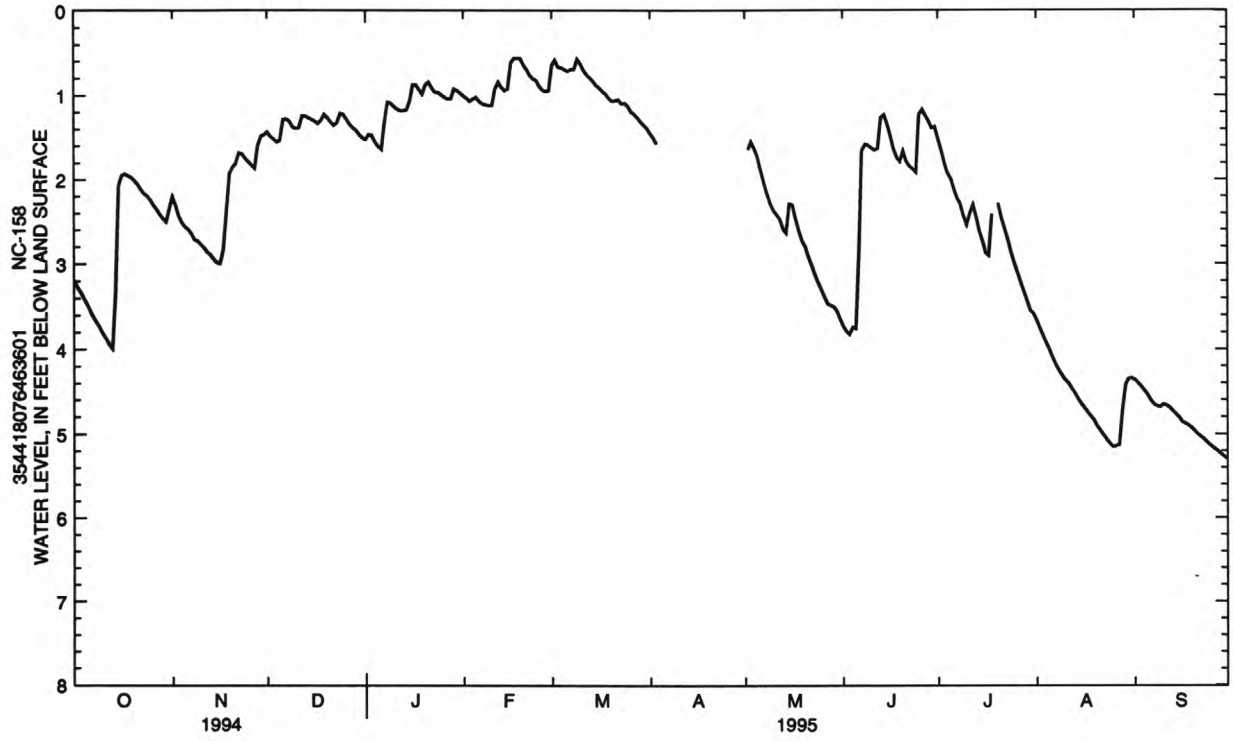
EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.50 ft below land-surface datum, Mar. 2, 3, 1994; lowest water level recorded, 5.76 ft below land-surface datum, Oct. 7, 8, 1993.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.19	2.20	1.43	1.52	1.00	.64	1.45	---	3.72	1.51	3.66	4.36
2	3.27	2.30	1.48	1.46	1.03	.58	1.50	1.64	3.78	1.65	3.74	4.40
3	3.33	2.43	1.51	1.47	1.07	.66	1.57	1.55	3.82	1.80	3.83	4.44
4	3.40	2.51	1.55	1.55	1.04	.67	---	1.63	3.74	1.92	3.92	4.49
5	3.47	2.56	1.53	1.60	1.02	.69	---	1.73	3.75	1.99	4.00	4.54
6	3.54	2.59	1.28	1.64	1.07	.71	---	1.89	2.82	2.10	4.09	4.60
7	3.62	2.64	1.27	1.32	1.10	.69	---	2.04	1.66	2.22	4.18	4.65
8	3.68	2.71	1.30	1.08	1.11	.69	---	2.17	1.58	2.29	4.25	4.67
9	3.74	2.73	1.37	1.09	1.12	.57	---	2.29	1.59	2.43	4.31	4.68
10	3.81	2.77	1.39	1.13	1.12	.62	---	2.37	1.62	2.54	4.36	4.65
11	3.87	2.81	1.38	1.16	.92	.70	---	2.41	1.65	2.40	4.40	4.66
12	3.94	2.86	1.24	1.18	.84	.75	---	2.47	1.63	2.30	4.46	4.69
13	3.99	2.89	1.24	1.18	.90	.79	---	2.58	1.26	2.45	4.52	4.73
14	3.34	2.94	1.26	1.17	.94	.83	---	2.63	1.23	2.61	4.58	4.77
15	2.07	2.98	1.28	1.08	.92	.88	---	2.29	1.34	2.74	4.64	4.81
16	1.95	2.99	1.30	.87	.61	.91	---	2.30	1.48	2.87	4.69	4.86
17	1.93	2.83	1.33	.87	.56	.95	---	2.47	1.63	2.90	4.74	4.88
18	1.95	2.39	1.29	.93	.56	.98	---	2.61	1.74	2.41	4.79	4.90
19	1.97	1.92	1.22	.98	.56	1.03	---	2.73	1.78	---	4.84	4.93
20	2.01	1.85	1.26	.87	.64	1.07	---	2.80	1.66	2.29	4.90	4.97
21	2.05	1.80	1.31	.84	.69	1.06	---	2.91	1.78	2.46	4.96	5.01
22	2.11	1.68	1.35	.91	.76	1.05	---	3.02	1.84	2.59	5.01	5.04
23	2.16	1.69	1.32	.96	.80	1.10	---	3.12	1.87	2.72	5.06	5.07
24	2.19	1.74	1.21	.96	.82	1.09	---	3.21	1.91	2.86	5.11	5.11
25	2.24	1.78	1.22	.99	.89	1.13	---	3.29	1.22	3.00	5.15	5.14
26	2.30	1.82	1.28	1.02	.93	1.19	---	3.38	1.17	3.10	5.14	5.17
27	2.35	1.86	1.34	1.04	.95	1.22	---	3.46	1.23	3.21	5.13	5.20
28	2.41	1.59	1.38	1.04	.94	1.26	---	3.48	1.30	3.32	4.71	5.23
29	2.46	1.48	1.41	.92	---	1.31	---	3.50	1.38	3.43	4.41	5.26
30	2.50	1.46	1.46	.94	---	1.35	---	3.55	1.37	3.54	4.35	5.29
31	2.34	---	1.50	.97	---	1.39	---	3.64	---	3.58	4.34	---

WTR YR 1995 MEAN 2.35 HIGH .56 LOW 5.29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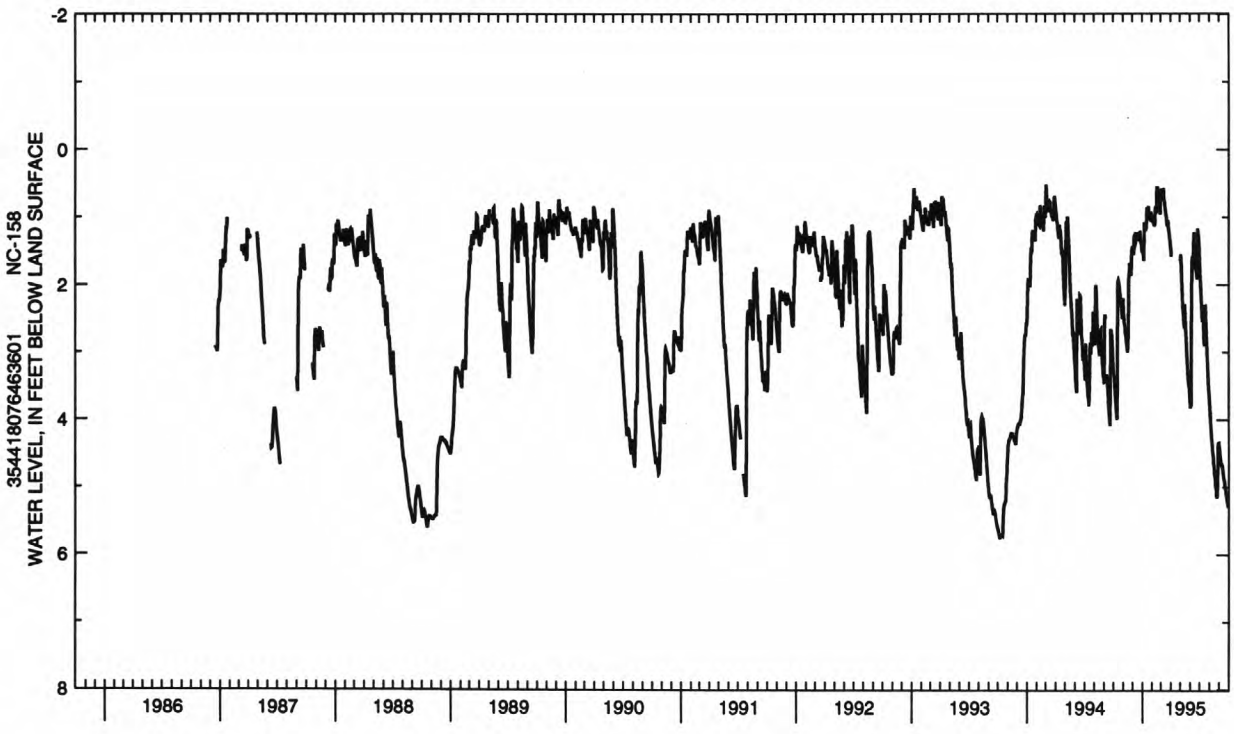
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WATER LEVEL, IN FEET BELOW LAND SURFACE
354418076463601 NC-158
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WAYNE COUNTY

351849078163901. Local number, NC-148.

LOCATION.--Lat 35°18'49", long 78°16'39", Hydrologic Unit 03020201, 0.5 mi south of Johnston County line on Secondary Road 1009, and 6 mi west of Grantham. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of post-Miocene age.

WELL CHARACTERISTICS.--Bored observation well, augered to 10.4 ft, diameter 3 in., cased to 5.4 ft, screened interval from 5.4 to 10.4 ft.

INSTRUMENTATION.--Digital recorder with a 60-minute punch interval.

DATUM.--Land-surface datum is 190 ft above sea level (from topographic map). Measuring point: File cut on top of casing, 1.80 ft above land-surface datum.

REMARKS.--Well is part of climatic-effects network.

PERIOD OF RECORD.--February 1980 to current year. Records for June 17 to Sept. 30, 1987, published in Water Resources Data, North Carolina, NC-87-1, are unreliable and should not be used.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 0.04 ft above land-surface datum, May 2, 1989; lowest water level recorded, 8.40 ft below land-surface datum, Sept. 19 and 20, 1983.

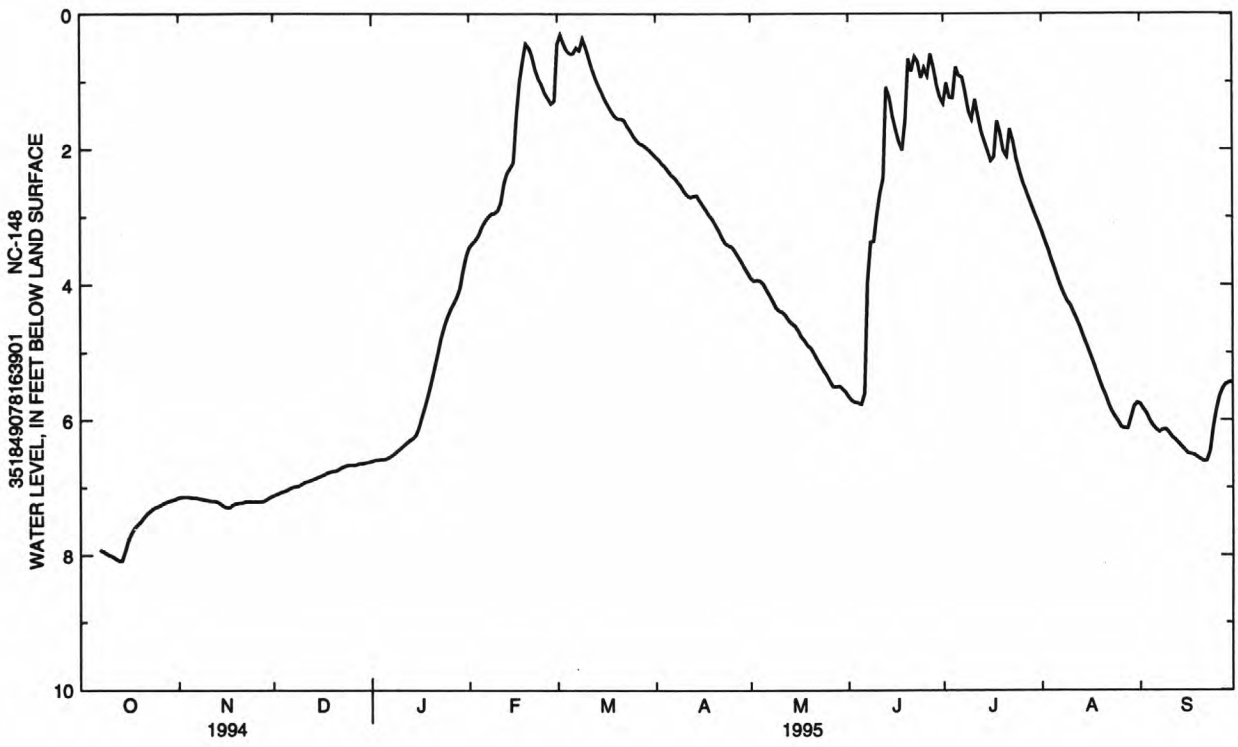
REVISED RECORD.--See PERIOD OF RECORD.

WATER LEVEL, IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995

DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	7.14	7.11	6.61	3.45	.43	2.11	3.90	5.65	1.32	3.21	5.76
2	---	7.13	7.09	6.59	3.39	.30	2.15	3.94	5.71	1.02	3.35	5.83
3	---	7.13	7.07	6.59	3.34	.43	2.21	3.93	5.73	1.23	3.48	5.90
4	---	7.13	7.05	6.58	3.26	.53	2.25	3.94	5.74	1.24	3.62	6.00
5	---	7.14	7.04	6.58	3.15	.58	2.32	3.98	5.76	.78	3.76	6.08
6	---	7.14	7.01	6.56	3.06	.58	2.38	4.07	5.60	.91	3.90	6.13
7	7.92	7.15	6.99	6.53	3.00	.49	2.42	4.15	3.97	.93	4.03	6.17
8	7.94	7.16	6.98	6.50	2.95	.53	2.48	4.24	3.37	1.16	4.14	6.14
9	7.97	7.17	6.97	6.46	2.94	.36	2.54	4.33	3.36	1.43	4.24	6.13
10	8.00	7.18	6.94	6.42	2.90	.48	2.62	4.38	2.95	1.55	4.30	6.18
11	8.02	7.19	6.91	6.38	2.79	.65	2.68	4.40	2.65	1.26	4.41	6.25
12	8.05	7.19	6.90	6.34	2.50	.80	2.71	4.45	2.42	1.51	4.51	6.29
13	8.08	7.20	6.88	6.30	2.35	.94	2.69	4.52	1.08	1.74	4.62	6.34
14	8.08	7.23	6.86	6.27	2.27	1.05	2.68	4.57	1.22	1.88	4.75	6.39
15	7.93	7.27	6.84	6.22	2.19	1.15	2.76	4.60	1.50	2.03	4.87	6.44
16	7.77	7.29	6.82	6.09	1.51	1.26	2.83	4.67	1.71	2.17	4.99	6.49
17	7.67	7.29	6.80	5.93	1.01	1.35	2.90	4.76	1.88	2.11	5.12	6.50
18	7.59	7.25	6.77	5.77	.69	1.43	2.97	4.82	2.01	1.58	5.25	6.51
19	7.54	7.23	6.76	5.60	.43	1.50	3.03	4.89	1.59	1.76	5.39	6.55
20	7.49	7.22	6.75	5.40	.49	1.54	3.12	4.93	.66	2.02	5.52	6.58
21	7.43	7.22	6.74	5.20	.62	1.54	3.20	5.01	.84	2.10	5.63	6.61
22	7.38	7.20	6.71	4.99	.82	1.56	3.30	5.10	.63	1.70	5.76	6.60
23	7.34	7.20	6.69	4.78	.95	1.65	3.39	5.18	.70	1.87	5.87	6.45
24	7.30	7.20	6.67	4.61	1.04	1.72	3.42	5.26	.94	2.13	5.95	6.11
25	7.28	7.20	6.66	4.48	1.16	1.80	3.44	5.33	.79	2.31	6.02	5.84
26	7.26	7.20	6.66	4.36	1.24	1.86	3.50	5.42	.91	2.47	6.10	5.65
27	7.23	7.20	6.66	4.27	1.32	1.91	3.58	5.50	.59	2.60	6.11	5.53
28	7.21	7.19	6.64	4.18	1.28	1.93	3.65	5.50	.79	2.73	6.12	5.46
29	7.19	7.16	6.64	4.05	---	1.97	3.74	5.49	1.05	2.85	5.96	5.44
30	7.18	7.13	6.63	3.79	---	2.01	3.82	5.53	1.23	2.97	5.79	5.43
31	7.16	---	6.62	3.58	---	2.06	---	5.58	---	3.09	5.74	---

WTR YR 1995 MEAN 4.41 HIGH .30 LOW 8.08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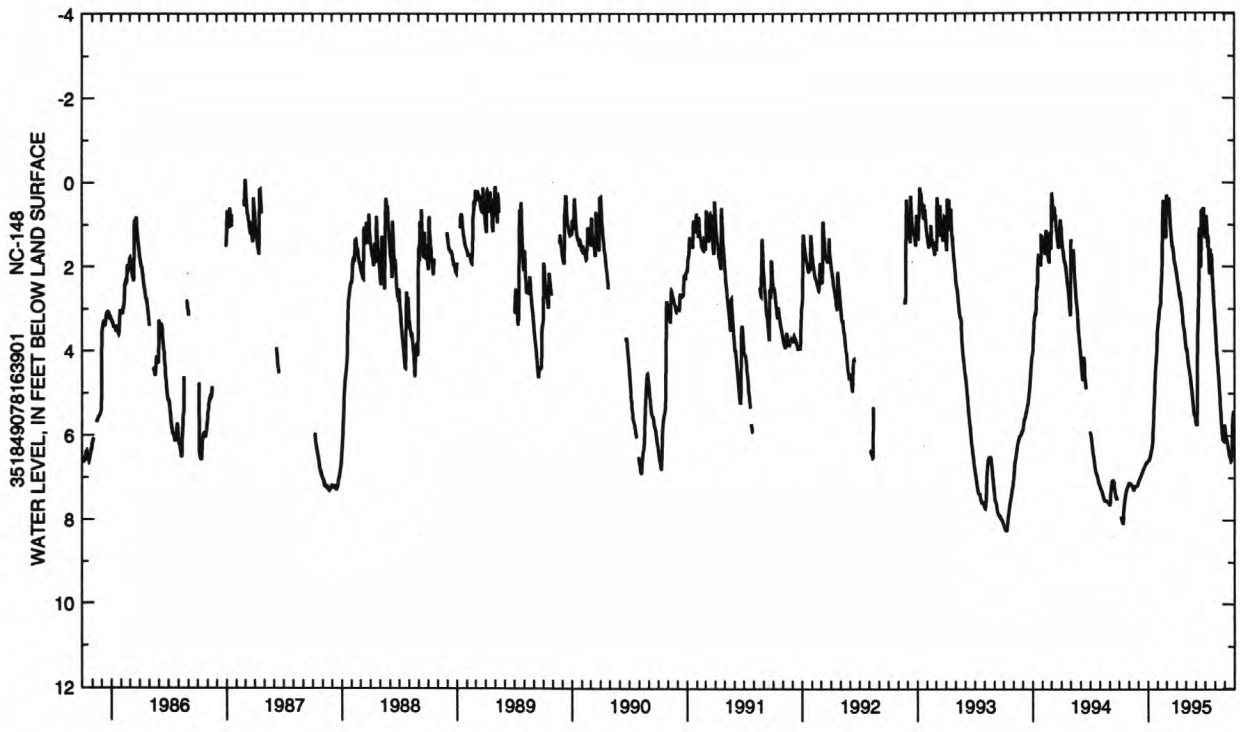
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WATER LEVEL, IN FEET BELOW LAND SURFACE
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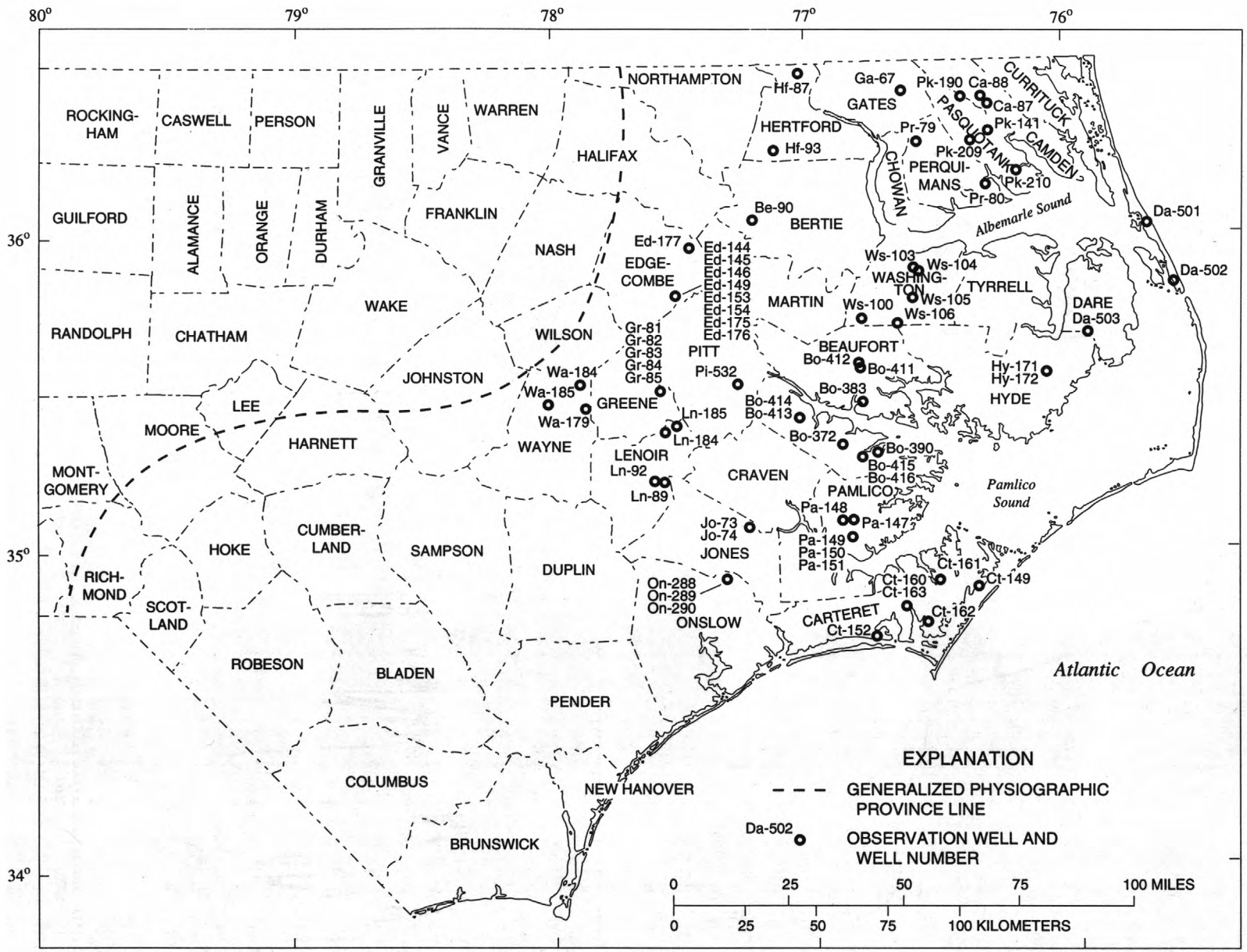

Figure 9.--Locations of observation wells sampled as part of the Albemarle Drainage Basin National Water-Quality Assessment Program.

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

Ground water quality data were collected for the Albemarle-Pamlico Drainage Basin National Water Quality Assessment from 1993 to 1995. Objectives of the study are to provide data for characterizing water-quality of shallow aquifers in the Coastal Plain of North Carolina and for evaluating land use effects on ground-water quality. Locations for sites listed in the following tables are shown in figure 9.

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

BERTIE COUNTY

LOCAL IDENTIFIER	STATION NUMBER	GEOLOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)
BE-090	360305077114501	211CPFRU	09-04-94	1030	8.43	170.00	203	6.7	20.0

LOCAL IDENTIFIER	DATE	OXYGEN, DISSOLVED (MG/L) (00300)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKALINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	ALKALINITY LAB (MG/L AS CACO3) (90410)	SULFATE DISSOLVED (MG/L AS SO4) (00945)
BE-090	09-04-94	1.4	24	3.2	6.8	2.9	100	82	76	14

LOCAL IDENTIFIER	DATE	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)
BE-090	09-04-94	5.6	0.10	0.030	20	130	<0.010	0.410	0.030	<0.20

LOCAL IDENTIFIER	DATE	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)
BE-090	09-04-94	<0.010	<0.010	5	<1	1	91	<1	<1.0	3

LOCAL IDENTIFIER	DATE	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)	SELENIUM, DISSOLVED (UG/L AS SE) (01145)	SILVER, DISSOLVED (UG/L AS AG) (01075)
BE-090	09-04-94	1	<1	3200	<1	310	1	8	<1	<1.0

LOCAL IDENTIFIER	DATE	ZINC, DISSOLVED (UG/L AS ZN) (01090)	RADIUM 228 DISSOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DISSOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRAZINE, WATER, DISS, REC (UG/L) (04040)	ATRAZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZINPHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BENFLURALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
BE-090	09-04-94	>1000	<1.0	<0.40	0.50	<0.009	0.008	0.037	<0.050	<0.013

LOCAL IDENTIFIER	DATE	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLORPYRIFOS DISSOLVED (UG/L) (38933)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DIAZINON, DISSOLVED (UG/L) (39572)	DIELDRIN DISSOLVED (UG/L) (39381)
BE-090	09-04-94	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004	<0.010	<0.008	<0.008

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

BERTIE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)
BE-090	09-04-94	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011

LOCAL IDENT-I-FIER	DATE	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
BE-090	09-04-94	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009

LOCAL IDENT-I-FIER	DATE	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)
BE-090	09-04-94	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.008	<0.008

LOCAL IDENT-I-FIER	DATE	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
BE-090	09-04-94	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
BE-090	09-04-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
BE-090	09-04-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
BE-090	09-04-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

BERTIE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
BE-090	09-04-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
BE-090	09-04-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
BE-090	09-04-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
BE-090	09-04-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

BEAUFORT COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
BO-416	351753076471001	--	09-27-94	1215	--	--	579	7.3	19.5
BO-415	351812076471201	--	09-27-94	1000	--	--	585	7.2	19.5
BO-390	351856076434106	110QPLC	09-14-94	1100	--	16.00	426	7.1	22.5
BO-372	352036076513903	110QPLC	09-13-94	1730	15.84	30.00	70	6.2	21.5
BO-414	352545077012801	124CSLH	04-20-94	1300	--	70.00	568	6.7	20.5
BO-413	352548077012701	122YRKN	04-20-94	1130	8.01	27.00	401	6.7	23.0
BO-383	352832076470101	122YRKNQ	09-13-94	1130	4.74	60.00	706	7.1	17.5
BO-411	353452076471301	122YRKN	04-21-94	1130	3.64	11.07	614	6.2	16.5
BO-412	353550076472901	124CSLH	04-21-94	1730	--	170.00	666	6.7	19.0
BO-417	354156076380801	122PGRV	04-22-94	1000	--	270.00	621	6.9	17.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
BO-416	09-27-94	0.1	50	24	28	18	342	280	--	--
BO-415	09-27-94	1.9	54	23	26	17	359	294	--	--
BO-390	09-14-94	5.3	81	2.7	7.0	1.4	238	195	--	--
BO-372	09-13-94	0.3	0.99	0.49	3.3	0.20	35	29	--	--
BO-414	04-20-94	2.9	--	--	--	--	--	--	--	--
BO-413	04-20-94	2.0	43	1.3	8.4	0.70	--	--	--	--
BO-383	09-13-94	0.2	75	24	32	10	449	368	--	--
BO-411	04-21-94	0.5	37	16	7.4	1.5	105	86	80	66
BO-412	04-21-94	2.5	--	--	--	--	--	--	--	--
BO-417	04-22-94	3.6	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
BO-416	09-27-94	296	0.40	15	0.80	0.040	59	323	<0.010	<0.050
BO-415	09-27-94	298	6.4	11	0.70	0.040	59	362	<0.010	0.087
BO-390	09-14-94	206	7.5	13	<0.10	0.040	7.1	252	<0.010	<0.050
BO-372	09-13-94	5.2	0.80	4.7	<0.10	0.080	5.0	48	0.010	<0.050
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	113	<0.10	14	0.20	0.090	48	192	0.010	<0.050
BO-383	09-13-94	355	<0.10	13	0.20	0.64	61	446	<0.010	0.056
BO-411	04-21-94	<1.0	180	22	<0.10	0.080	65	487	<0.010	<0.050
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
BO-416	09-27-94	0.660	0.80	<0.010	<0.010	6	<1	<1	2	<1
BO-415	09-27-94	0.720	0.80	<0.010	<0.010	8	<1	<1	4	<1
BO-390	09-14-94	0.130	0.30	0.010	<0.010	3	<1	<1	120	<1
BO-372	09-13-94	0.040	<0.20	<0.010	<0.010	50	<1	<1	18	<1
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	0.080	<0.20	<0.010	<0.010	--	--	--	--	--
BO-383	09-13-94	0.700	0.80	0.040	<0.010	2	<1	<1	39	<1
BO-411	04-21-94	0.230	0.50	<0.010	0.020	--	--	--	--	--
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

BEAUFORT COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)
BO-416	09-27-94	<1.0	2	<1	<1	24	<1	<1	<1	1
BO-415	09-27-94	<1.0	3	<1	<1	140	<1	1	<1	2
BO-390	09-14-94	<1.0	7	<1	<1	330	<1	73	<1	3
BO-372	09-13-94	<1.0	1	<1	<1	13000	<1	97	<1	<1
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	--	--	--	--	5700	--	110	--	--
BO-383	09-13-94	<1.0	6	<1	<1	10000	<1	260	<1	<1
BO-411	04-21-94	--	--	--	--	81000	--	1400	--	--
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	RADON 222 TOTAL (PCI/L) (82303)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)
BO-416	09-27-94	<1	<1.0	8	<1.0	<1.0	<80	2.9	<0.009	<0.005
BO-415	09-27-94	<1	<1.0	58	<1.0	<1.0	87	3.2	<0.009	<0.003
BO-390	09-14-94	<1	<1.0	20	<1.0	2.6	--	2.9	<0.009	<0.007
BO-372	09-13-94	<1	<1.0	150	<1.0	<0.40	--	0.50	<0.009	<0.007
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	--	--	--	--	--	--	2.0	<0.009	<0.005
BO-383	09-13-94	<1	<1.0	920	<1.0	<0.40	270	5.1	<0.009	<0.007
BO-411	04-21-94	--	--	--	--	--	--	7.8	<0.009	<0.005
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
BO-416	09-27-94	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004
BO-415	09-27-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
BO-390	09-14-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
BO-372	09-13-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004
BO-383	09-13-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
BO-411	04-21-94	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
BO-416	09-27-94	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012
BO-415	09-27-94	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012
BO-390	09-14-94	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012
BO-372	09-13-94	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012
BO-383	09-13-94	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012
BO-411	04-21-94	<0.010	<0.008	<0.008	0.009	<0.02	<0.060	<0.005	<0.013	<0.012
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

BEAUFORT COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
BO-416	09-27-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
BO-415	09-27-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
BO-390	09-14-94	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010
BO-372	09-13-94	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
BO-383	09-13-94	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010
BO-411	04-21-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)
BO-416	09-27-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	0.014	<0.015
BO-415	09-27-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
BO-390	09-14-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
BO-372	09-13-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
BO-383	09-13-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
BO-411	04-21-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
BO-416	09-27-94	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
BO-415	09-27-94	<0.016	<0.006	E0.003	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
BO-390	09-14-94	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
BO-372	09-13-94	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
BO-383	09-13-94	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
BO-411	04-21-94	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)
BO-416	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-415	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-390	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-372	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-383	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-411	04-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

BEAUFORT COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
BO-416	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-415	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-390	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-372	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-383	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-411	04-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
BO-416	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-415	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-390	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-372	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-414	04-20-94	--	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-383	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-411	04-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-412	04-21-94	--	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
BO-416	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-415	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
BO-390	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
BO-372	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
BO-414	04-20-94	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-383	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
BO-411	04-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-412	04-21-94	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
BO-416	09-27-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
BO-415	09-27-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
BO-390	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-372	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-414	04-20-94	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-383	09-13-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
BO-411	04-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-412	04-21-94	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

BEAUFORT COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
BO-416	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-415	09-27-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-390	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-372	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-414	04-20-94	--	--	--	--	--	--	--	--
BO-413	04-20-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-383	09-13-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-411	04-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-412	04-21-94	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
BO-416	09-27-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-415	09-27-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-390	09-14-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-372	09-13-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-414	04-20-94	--	--	--	--	--	--	--	--
BO-413	04-20-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-383	09-13-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-411	04-21-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
BO-412	04-21-94	--	--	--	--	--	--	--	--
BO-417	04-22-94	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

CAMDEN COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
CA-087	362527076163301	110QPLC	05-18-94	0930	3.56	10.00	317	6.0	16.0
CA-088	362623076175001	110QPLC	05-18-94	1030	--	45.00	868	7.4	17.5

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
CA-087	05-18-94	0.2	5.8	7.3	33	1.8	--	--	97	80
CA-088	05-18-94	0.7	71	13	93	8.3	329	270	--	--

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
CA-087	05-18-94	54	5.4	43	<0.10	0.16	35	174	0.020	<0.050
CA-088	05-18-94	265	4.5	120	0.30	0.39	49	468	0.020	<0.050

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)
CA-087	05-18-94	0.170	<0.20	0.080	0.060	16000	270	4.2	<0.009	<0.005
CA-088	05-18-94	0.420	0.50	0.110	0.110	400	55	2.1	<0.009	<0.005

LOCAL IDENT-I-FIER	DATE	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
CA-087	05-18-94	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004
CA-088	05-18-94	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004

LOCAL IDENT-I-FIER	DATE	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
CA-087	05-18-94	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012
CA-088	05-18-94	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

CAMDEN COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
CA-087	05-18-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
CA-088	05-18-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010

LOCAL IDENT-I-FIER	DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)
CA-087	05-18-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
CA-088	05-18-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015

LOCAL IDENT-I-FIER	DATE	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
CA-087	05-18-94	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
CA-088	05-18-94	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012

LOCAL IDENT-I-FIER	DATE	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)
CA-087	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CA-088	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
CA-087	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CA-088	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
CA-087	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CA-088	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

CAMDEN COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
CA-087	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CA-088	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
CA-087	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CA-088	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
CA-087	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CA-088	05-18-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
CA-087	05-18-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CA-088	05-18-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

CARTERET COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
CT-163	344941076381201	124CSLH	03-31-94	1730	--	230.00	683	7.0	16.0
CT-162	344639076332401	110QPLC	04-01-94	1030	--	25.00	494	7.0	22.0
CT-160	344950076381901	110QPLC	04-12-94	1130	2.40	7.36	826	6.8	21.0
CT-161	345434076301501	110QPLC	04-12-94	1600	2.12	7.39	191	5.6	18.5
CT-152	344323076451304	110QPLC	09-14-94	1800	4.51	8.00	4210	7.2	24.0
CT-149	345307076212105	110QPLC	09-15-94	1200	6.89	17.00	143	5.7	23.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
CT-163	03-31-94	1.9	--	--	--	--	--	--	--	--
CT-162	04-01-94	0.2	79	2.0	15	0.60	--	--	277	227
CT-160	04-12-94	3.8	98	7.9	56	1.2	--	--	327	268
CT-161	04-12-94	3.4	6.0	3.4	16	2.2	--	--	38	31
CT-152	09-14-94	2.3	130	6.5	730	6.2	464	380	--	--
CT-149	09-15-94	0.3	6.0	2.7	10	0.40	34	28	--	--

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	220	2.0	26	<0.10	0.050	17	293	0.020	0.059
CT-160	04-12-94	263	26	100	0.10	0.23	17	496	<0.010	0.340
CT-161	04-12-94	29	7.1	33	<0.10	0.20	30	144	<0.010	<0.050
CT-152	09-14-94	363	2.6	1200	1.0	0.16	54	2280	<0.010	<0.050
CT-149	09-15-94	18	11	18	<0.10	0.20	5.8	96	<0.010	<0.050

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	0.140	0.30	0.080	0.070	--	--	--	--	--
CT-160	04-12-94	0.270	0.50	0.070	0.080	--	--	--	--	--
CT-161	04-12-94	0.070	<0.20	<0.010	<0.010	--	--	--	--	--
CT-152	09-14-94	0.090	0.30	0.490	0.290	60	<2	1	16	<2
CT-149	09-15-94	0.180	0.20	0.020	0.010	150	<1	<1	20	<1

LOCAL IDENT-I-FIER	DATE	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	--	--	--	--	1600	--	37	--	--
CT-160	04-12-94	--	--	--	--	2600	--	120	--	--
CT-161	04-12-94	--	--	--	--	7800	--	100	--	--
CT-152	09-14-94	<2.0	10	<2	2	1800	8	31	<2	3
CT-149	09-15-94	<1.0	4	<1	<1	7700	<1	35	<1	4

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

CARTERET COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	RADON 222 TOTAL (PCI/L) (82303)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	--	--	--	--	--	--	2.8	<0.009	<0.020
CT-160	04-12-94	--	--	--	--	--	--	6.5	<0.009	<0.020
CT-161	04-12-94	--	--	--	--	--	--	5.5	0.007	<0.020
CT-152	09-14-94	<1	<2.0	1200	<1.0	<0.40	--	7.2	<0.009	<0.007
CT-149	09-15-94	<1	<1.0	200	<1.0	<0.40	330	4.6	<0.009	<0.007

LOCAL IDENT-I-FIER	DATE	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004
CT-160	04-12-94	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004
CT-161	04-12-94	0.009	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004
CT-152	09-14-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
CT-149	09-15-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004

LOCAL IDENT-I-FIER	DATE	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.010	<0.008	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012
CT-160	04-12-94	<0.010	<0.008	<0.020	0.017	<0.02	<0.020	<0.005	<0.013	<0.012
CT-161	04-12-94	<0.010	<0.008	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012
CT-152	09-14-94	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012
CT-149	09-15-94	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012

LOCAL IDENT-I-FIER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
CT-160	04-12-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
CT-161	04-12-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
CT-152	09-14-94	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010
CT-149	09-15-94	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010

LOCAL IDENT-I-FIER	DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015
CT-160	04-12-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015
CT-161	04-12-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015
CT-152	09-14-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
CT-149	09-15-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

CARTERET COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
CT-160	04-12-94	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
CT-161	04-12-94	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
CT-152	09-14-94	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
CT-149	09-15-94	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012

LOCAL IDENT-I-FIER	DATE	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-160	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-161	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-152	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-149	09-15-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-160	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-161	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-152	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-149	09-15-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
CT-163	03-31-94	--	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-160	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-161	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-152	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-149	09-15-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
CT-163	03-31-94	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-160	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-161	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-152	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
CT-149	09-15-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

CARTERET COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
CT-163	03-31-94	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-160	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-161	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-152	09-14-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
CT-149	09-15-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
CT-163	03-31-94	--	--	--	--	--	--	--	--
CT-162	04-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-160	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-161	04-12-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-152	09-14-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-149	09-15-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
CT-163	03-31-94	--	--	--	--	--	--	--	--
CT-162	04-01-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-160	04-12-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-161	04-12-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-152	09-14-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
CT-149	09-15-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

DARE COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
DA-501	360036075401201	110QPLC	08-23-94	1500	3.73	--	470	6.8	17.5
DA-502	354926075341201	--	08-24-94	1230	1.84	--	1170	6.9	22.5
DA-503	354026075542001	110QPLC	09-08-94	1130	4.42	26.40	885	7.2	18.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
DA-501	08-23-94	0	38	7.2	29	1.8	219	179	130	<0.10
DA-502	08-24-94	0	31	21	110	9.8	205	168	141	11
DA-503	09-08-94	0.1	120	13	44	2.3	456	374	361	<0.10

LOCAL IDENT-I-FIER	DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
DA-501	08-23-94	42	0.20	0.58	20	311	<0.010	<0.050	1.60	1.9
DA-502	08-24-94	210	0.20	0.57	36	579	<0.010	<0.050	2.10	2.4
DA-503	09-08-94	60	0.30	0.16	52	552	<0.010	<0.050	0.770	0.90

LOCAL IDENT-I-FIER	DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)
DA-501	08-23-94	0.540	0.410	50	<1	2	4	<1	<1.0	10
DA-502	08-24-94	0.130	0.080	6	<1	<1	4	<1	<1.0	9
DA-503	09-08-94	0.230	0.180	4	<1	<1	6	<1	<1.0	10

LOCAL IDENT-I-FIER	DATE	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
DA-501	08-23-94	<1	<1	31000	<1	330	<1	<1	<1	<1.0
DA-502	08-24-94	<1	<1	16000	1	120	<1	3	<1	<1.0
DA-503	09-08-94	<1	<1	18000	<1	220	3	4	<1	<1.0

LOCAL IDENT-I-FIER	DATE	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	RADON 222 TOTAL (PCI/L) (82303)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)
DA-501	08-23-94	270	<1.0	<0.40	--	22	<0.009	<0.007	<0.017	<0.038
DA-502	08-24-94	750	<1.0	<0.40	<80	5.6	<0.009	<0.005	<0.017	<0.050
DA-503	09-08-94	200	<1.0	<1.0	--	12	<0.009	<0.003	<0.017	<0.038

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

DARE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)
DA-501	08-23-94	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008
DA-502	08-24-94	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004	<0.010	<0.008
DA-503	09-08-94	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008

LOCAL IDENT-I-FIER	DATE	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)
DA-501	08-23-94	<0.008	<0.006	<0.02	<0.008	<0.005	<0.013	<0.012	<0.008	<0.007
DA-502	08-24-94	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007
DA-503	09-08-94	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007

LOCAL IDENT-I-FIER	DATE	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
DA-501	08-23-94	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
DA-502	08-24-94	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
DA-503	09-08-94	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035

LOCAL IDENT-I-FIER	DATE	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
DA-501	08-23-94	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006
DA-502	08-24-94	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.008
DA-503	09-08-94	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006

LOCAL IDENT-I-FIER	DATE	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)
DA-501	08-23-94	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200
DA-502	08-24-94	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200
DA-503	09-08-94	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
DA-501	08-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-502	08-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-503	09-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

DARE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
DA-501	08-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-502	08-24-94	1.30	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-503	09-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
DA-501	08-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-502	08-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-503	09-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
DA-501	08-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
DA-502	08-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
DA-503	09-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
DA-501	08-23-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	--	<0.200
DA-502	08-24-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
DA-503	09-08-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
DA-501	08-23-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
DA-502	08-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-503	09-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
DA-501	08-23-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-502	08-24-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
DA-503	09-08-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
ED-153	354805077282901	110QPLC	08-28-93	1100	6.09	8.92	104	5.7	22.5
	354805077282901	110QPLC	03-10-94	1300	3.99	8.92	100	5.8	14.5
	354805077282901	110QPLC	08-11-94	1100	4.66	8.92	65	5.1	27.0
	354805077282901	110QPLC	01-23-95	1500	5.86	8.92	57	5.4	12.5
	354805077282901	110QPLC	03-28-95	0830	2.41	8.92	65	5.8	14.0
	354805077282901	110QPLC	06-22-95	1700	5.50	8.92	55	5.2	19.5
	354805077282901	110QPLC	09-01-95	1030	5.01	8.92	47	5.2	23.0
ED-154	354740077293101	110QPLC	08-31-93	1500	0.07	--	390	4.4	22.0
	354740077293101	110QPLC	12-09-93	1215	--	--	396	4.5	18.5
	354740077293101	110QPLC	03-09-94	1700	0.95	--	367	5.3	13.0
	354740077293101	110QPLC	08-11-94	1730	9.46	--	350	4.8	23.0
	354740077293101	110QPLC	06-20-95	1900	26.32	--	353	4.4	19.0
	354740077293101	110QPLC	08-29-95	1830	0.19	--	407	4.9	23.5
ED-175	354733077292801	210CRTSM	01-12-95	1400	11.87	97.50	326	6.7	18.5
	354733077292801	210CRTSM	06-22-95	1230	9.17	97.50	330	6.7	20.0
	354733077292801	210CRTSM	08-31-95	1800	9.69	97.50	329	6.6	19.0
ED-176	354902077295001	210CRTSM	01-18-95	1430	10.27	121.00	351	7.0	17.0
ED-144	354805077285901	110QPLC	08-26-93	1530	5.19	7.20	228	5.7	24.0
	354805077285901	110QPLC	03-17-94	1500	7.46	7.20	233	6.0	11.5
	354805077285901	110QPLC	08-10-94	1400	3.84	7.20	222	6.0	26.0
	354805077285901	110QPLC	01-24-95	1300	3.03	7.20	194	5.8	12.0
	354805077285901	110QPLC	03-28-95	1330	3.00	7.20	216	5.8	16.0
	354805077285901	110QPLC	06-23-95	1000	6.75	7.20	213	5.5	21.5
	354805077285901	110QPLC	08-31-95	1430	2.91	7.20	179	5.4	33.0
ED-145	354805077285902	110QPLC	08-27-93	1330	3.90	14.00	560	7.2	21.0
	354805077285902	110QPLC	03-17-94	1030	5.63	14.00	533	7.4	12.5
	354805077285902	110QPLC	08-10-94	1530	2.75	14.00	528	7.0	28.5
	354805077285902	110QPLC	01-25-95	1200	3.13	14.00	491	6.5	14.0
	354805077285902	110QPLC	03-28-95	1100	2.14	14.00	498	7.5	16.0
	354805077285902	110QPLC	06-23-95	1200	5.19	14.00	524	7.3	19.5
	354805077285902	110QPLC	08-31-95	1100	2.47	14.00	527	7.2	22.5
ED-146	354743077292801	110QPLC	08-12-93	1530	6.75	9.17	450	4.2	23.5
	354743077292801	110QPLC	12-08-93	1600	--	9.17	419	4.3	18.5
	354743077292801	110QPLC	03-08-94	1500	9.36	9.17	400	4.8	14.5
	354743077292801	110QPLC	08-09-94	1400	5.74	9.17	404	5.0	24.5
	354743077292801	110QPLC	01-19-95	1330	5.46	9.17	431	4.7	15.0
	354743077292801	110QPLC	03-29-95	0900	5.20	9.17	450	4.6	15.0

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	ACIDITY (MG/L AS H) (71825)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)
ED-153	08-28-93	1.7	--	2.2	1.0	5.1	1.6	--	--	15
	03-10-94	1.6	--	1.0	1.2	6.4	1.7	--	--	47
	08-11-94	1.5	--	1.2	1.1	4.4	1.5	6	5	--
	01-23-95	4.0	--	0.98	1.1	3.8	1.3	6	5	--
	03-28-95	0.3	--	--	--	--	--	10	8	--
	06-22-95	1.3	--	0.74	1.0	3.5	1.6	6	5	--
	09-01-95	2.1	--	0.83	0.88	3.0	1.1	5	4	--
	08-31-93	0.4	--	31	16	3.0	5.4	--	--	0
	12-09-93	--	--	30	15	3.1	5.7	--	--	--
	03-09-94	4.8	--	30	15	3.0	5.0	--	--	9
	08-11-94	2.1	--	29	14	3.0	4.5	3	3	--
	06-20-95	1.2	--	28	14	3.2	5.7	--	--	--
	08-29-95	0.4	--	33	17	3.4	5.9	7	6	--
ED-175	01-12-95	0.5	--	16	7.8	40	6.1	217	178	--
	06-22-95	0.5	--	17	8.0	41	5.9	207	170	--
	08-31-95	0.2	--	17	8.2	42	5.2	206	169	--
ED-176	01-18-95	0.1	--	5.5	3.7	63	7.9	178	146	--
ED-144	08-26-93	0.1	--	24	3.1	4.5	3.5	--	--	34
	03-17-94	1.9	--	25	2.9	4.0	2.6	--	--	37
	08-10-94	0.2	--	27	3.6	4.0	4.7	28	23	--
	01-24-95	0.2	--	21	2.8	4.6	3.5	26	21	--
	03-28-95	0.5	--	--	--	--	--	27	22	--
	06-23-95	0.3	--	22	3.7	4.0	4.9	23	18	--
	08-31-95	1.7	--	16	3.3	5.3	5.9	14	12	--
ED-145	08-27-93	1.1	--	91	5.1	17	2.9	--	--	353
	03-17-94	2.2	--	89	5.0	14	2.6	--	--	--
	08-10-94	0.9	--	91	5.3	17	3.0	--	--	--
	01-25-95	3.2	--	86	4.6	15	2.3	315	258	--
	03-28-95	1.3	--	--	--	--	--	350	287	--
	06-23-95	--	--	89	4.8	16	2.6	342	280	--
	08-31-95	3.2	--	92	4.8	16	2.4	353	289	--
ED-146	08-12-93	0.7	--	33	18	3.6	7.7	--	--	0
	12-08-93	1.5	--	31	17	2.9	6.7	--	--	--
	03-08-94	3.3	--	32	15	3.4	6.4	--	--	--
	08-09-94	1.5	--	33	17	2.9	7.3	8	6	8
	01-19-95	0.7	--	34	18	3.4	6.8	--	--	--
	03-29-95	1.0	0.2	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
ED-153	08-28-93	12	11	8.3	10	<0.10	0.12	8.0	66	<0.010
	03-10-94	38	25	8.3	10	<0.10	<0.010	7.3	56	<0.010
	08-11-94	--	6.2	9.4	7.4	<0.10	0.020	7.2	37	<0.010
	01-23-95	--	2.2	9.4	7.4	<0.10	<0.010	7.5	34	<0.010
	03-28-95	--	--	--	--	--	--	--	--	<0.010
	06-22-95	--	4.1	8.8	5.6	<0.10	0.020	7.1	35	0.010
	09-01-95	--	2.0	8.0	4.7	<0.10	0.020	6.6	29	<0.010
ED-154	08-31-93	0	<1.0	100	17	0.20	<0.010	13	243	<0.010
	12-09-93	--	<1.0	100	17	0.20	<0.010	12	244	<0.010
	03-09-94	8	1.9	96	22	0.10	<0.010	12	225	0.010
	08-11-94	--	1.6	85	27	0.10	<0.010	12	223	<0.010
	06-20-95	--	--	82	26	0.10	<0.010	13	248	<0.010
	08-29-95	--	<1.0	79	30	0.20	<0.010	13	280	0.020
ED-175	01-12-95	--	172	0.30	3.9	0.20	0.080	35	199	<0.010
	06-22-95	--	171	0.10	3.9	0.20	0.090	35	216	0.010
	08-31-95	--	171	0.10	4.1	0.20	0.11	34	214	<0.010
ED-176	01-18-95	--	147	7.2	18	0.30	0.11	37	226	<0.010
ED-144	08-26-93	28	16	55	13	0.20	0.050	28	176	<0.010
	03-17-94	30	24	46	16	<0.10	0.090	32	175	<0.010
	08-10-94	23	23	49	16	<0.10	0.020	27	173	<0.010
	01-24-95	--	15	44	11	<0.10	0.080	13	136	<0.010
	03-28-95	--	--	--	--	--	--	--	--	<0.010
	06-23-95	--	15	44	17	<0.10	0.060	27	173	0.010
	08-31-95	--	10	41	13	<0.10	<0.010	14	129	<0.010
ED-145	08-27-93	289	289	0.60	2.6	0.20	<0.010	39	354	<0.010
	03-17-94	--	350	<0.10	2.6	0.20	<0.010	37	344	0.020
	08-10-94	--	292	0.10	2.3	0.20	0.010	38	327	<0.010
	01-25-95	--	261	4.5	4.6	0.20	0.14	35	315	<0.010
	03-28-95	--	--	--	--	--	--	--	--	<0.010
	06-23-95	--	287	0.60	2.7	0.20	0.070	38	333	<0.010
	08-31-95	--	288	0.20	2.5	0.20	0.20	41	337	<0.010
ED-146	08-12-93	0	<1.0	110	22	0.20	<0.010	13	328	<0.010
	12-08-93	--	<1.0	110	16	0.30	0.030	15	277	<0.010
	03-08-94	--	<1.0	110	19	0.10	<0.010	12	243	0.010
	08-09-94	6	<1.0	110	23	<0.10	<0.010	13	278	0.010
	01-19-95	--	<1.0	100	36	0.20	0.010	13	262	<0.010
	03-29-95	--	--	--	--	--	--	--	--	0.010

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENTIFIER	DATE	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	IRON, DISSOLVED (UG/L AS FE) (01046)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DISSOLVED (MG/L AS C) (00681)	ALACHLOR, WATER, DISS, REC, (UG/L) (46342)
ED-153	08-28-93	<0.050	0.090	<0.20	0.010	<0.010	1800	26	2.8	<0.009
	03-10-94	<0.050	0.080	<0.20	<0.010	<0.010	1600	12	2.9	<0.009
	08-11-94	<0.050	0.080	<0.20	<0.010	<0.010	1100	10	2.2	<0.009
	01-23-95	<0.050	0.070	<0.20	0.020	<0.010	1200	13	2.2	<0.009
	03-28-95	<0.050	0.050	<0.20	<0.010	<0.010	--	--	--	<0.009
	06-22-95	<0.050	0.060	<0.20	0.010	<0.010	1300	10	--	<0.009
	09-01-95	<0.050	0.040	<0.20	<0.010	<0.010	1100	9	1.8	<0.002
ED-154	08-31-93	13.0	0.030	0.40	<0.010	<0.010	44	38	5.2	<0.009
	12-09-93	11.0	0.020	0.30	<0.010	<0.010	24	39	4.3	<0.009
	03-09-94	9.80	0.030	0.40	<0.010	<0.010	15	35	4.5	<0.009
	08-11-94	7.70	0.030	0.40	<0.010	<0.010	40	33	4.1	<0.009
	06-20-95	11.0	0.020	0.50	<0.010	<0.010	28	46	--	<0.009
	08-29-95	17.0	0.020	0.50	0.030	<0.010	93	52	4.6	<0.002
ED-175	01-12-95	<0.050	0.360	0.40	0.060	0.070	1500	50	1.7	<0.009
	06-22-95	<0.050	0.390	0.40	0.060	0.040	1800	58	--	<0.009
	08-31-95	<0.050	0.370	0.40	0.180	0.060	1600	53	1.6	<0.002
ED-176	01-18-95	<0.050	0.310	0.30	0.210	0.200	1800	34	0.30	<0.009
ED-144	08-26-93	<0.050	0.370	0.70	0.020	0.030	6400	43	7.4	<0.009
	03-17-94	<0.050	0.300	0.60	<0.010	0.010	6100	45	6.4	<0.009
	08-10-94	0.057	0.140	0.30	<0.010	<0.010	1900	54	6.0	<0.009
	01-24-95	<0.050	0.150	0.40	<0.010	0.010	4700	34	6.6	<0.009
	03-28-95	<0.050	0.120	0.40	<0.010	<0.010	--	--	--	<0.009
	06-23-95	<0.050	0.170	0.50	0.010	0.010	3200	47	--	<0.009
	08-31-95	<0.050	0.190	0.50	<0.010	<0.010	1600	29	7.7	<0.002
ED-145	08-27-93	<0.050	0.330	0.60	0.010	<0.010	2100	62	3.5	<0.009
	03-17-94	<0.050	0.360	0.40	0.030	0.020	3500	61	3.6	<0.009
	08-10-94	0.130	0.020	0.70	0.020	<0.010	120	74	3.1	<0.009
	01-25-95	<0.050	0.290	0.30	0.030	0.040	2500	51	4.0	<0.009
	03-28-95	<0.050	0.310	0.40	<0.010	<0.010	--	--	--	<0.009
	06-23-95	<0.050	0.340	0.40	0.010	0.010	1800	52	--	<0.009
	08-31-95	<0.050	0.340	0.30	0.030	0.040	2800	52	3.2	<0.002
ED-146	08-12-93	15.0	0.010	0.40	<0.010	<0.010	57	56	6.0	<0.009
	12-08-93	13.0	0.010	0.40	0.030	<0.010	150	75	6.6	<0.009
	03-08-94	8.80	0.020	0.30	<0.010	<0.010	160	43	4.4	<0.009
	08-09-94	11.0	0.040	0.40	<0.010	<0.010	360	44	5.0	<0.009
	01-19-95	11.0	0.040	0.40	0.040	<0.010	180	57	4.3	<0.009
	03-29-95	13.0	0.020	0.40	<0.010	<0.010	--	--	--	<0.009

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)
ED-153	08-28-93	<0.020	<0.006	<0.080	<0.009	<0.008	<0.046	<0.013	<0.005	<0.013
	03-10-94	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-11-94	<0.005	<0.017	<0.150	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	01-23-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	03-28-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	06-22-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	09-01-95	<0.002	<0.001	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
ED-154	08-31-93	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	12-09-93	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	03-09-94	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-11-94	<0.005	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013
	06-20-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-29-95	<0.002	<0.001	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
ED-175	01-12-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	06-22-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-31-95	<0.002	<0.001	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
ED-176	01-18-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
ED-144	08-26-93	<0.020	<0.006	<0.080	<0.009	<0.008	<0.046	<0.013	<0.005	<0.013
	03-17-94	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-10-94	<0.005	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013
	01-24-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	03-28-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	06-23-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-31-95	<0.002	<0.001	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
ED-145	08-27-93	<0.020	<0.006	<0.080	<0.009	<0.008	<0.046	<0.013	<0.005	<0.013
	03-17-94	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-10-94	<0.005	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013
	01-25-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	03-28-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	06-23-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-31-95	<0.002	<0.001	<0.001	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004
ED-146	08-12-93	<0.020	<0.006	<0.080	<0.009	<0.008	0.006	<0.013	<0.005	<0.013
	12-08-93	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	03-08-94	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	08-09-94	<0.005	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013
	01-19-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013
	03-29-95	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)
ED-153	08-28-93	<0.005	<0.020	<0.008	<0.020	<0.006	<0.02	<0.020	<0.010	<0.013
	03-10-94	<0.004	<0.002	0.012	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013
	08-11-94	<0.004	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013
	01-23-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	03-28-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	06-22-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	09-01-95	<0.002	<0.006	0.011	<0.001	<0.003	--	<0.017	<0.002	<0.004
ED-154	08-31-93	<0.004	<0.010	<0.008	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013
	12-09-93	<0.004	<0.010	<0.008	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013
	03-09-94	<0.004	<0.002	0.016	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013
	08-11-94	<0.004	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013
	06-20-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	08-29-95	<0.002	E0.001	<0.002	<0.001	<0.003	--	<0.017	<0.002	<0.004
ED-175	01-12-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	06-22-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	08-31-95	<0.002	E<0.001	<0.002	<0.001	<0.003	--	<0.017	<0.002	<0.004
ED-176	01-18-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
ED-144	08-26-93	<0.005	<0.020	<0.008	<0.020	<0.006	<0.02	<0.020	<0.010	<0.013
	03-17-94	<0.004	<0.010	0.017	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013
	08-10-94	<0.004	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013
	01-24-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	03-28-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	06-23-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	08-31-95	<0.002	<0.006	<0.002	<0.001	E0.001	--	<0.017	<0.002	<0.004
ED-145	08-27-93	<0.005	<0.020	<0.008	<0.020	<0.006	<0.02	<0.020	<0.010	<0.013
	03-17-94	<0.004	<0.010	0.025	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013
	08-10-94	<0.004	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013
	01-25-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	03-28-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	06-23-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	08-31-95	<0.002	<0.006	<0.029	<0.001	<0.003	--	<0.017	<0.002	<0.004
ED-146	08-12-93	<0.005	<0.020	<0.008	<0.020	0.006	<0.02	<0.020	<0.010	<0.013
	12-08-93	<0.004	<0.010	<0.008	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013
	03-08-94	<0.004	<0.010	<0.008	<0.020	0.003	<0.02	<0.020	<0.005	<0.013
	08-09-94	<0.004	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013
	01-19-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013
	03-29-95	<0.004	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)
ED-153	08-28-93	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	03-10-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007
	08-11-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	E0.004	<0.012	<0.007
	01-23-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	03-28-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	06-22-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	09-01-95	<0.003	<0.003	<0.002	<0.004	<0.002	<0.005	<0.002	<0.004	<0.004
ED-154	08-31-93	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	12-09-93	<0.012	<0.008	<0.007	<0.011	<0.039	<0.010	0.006	<0.012	<0.007
	03-09-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007
	08-11-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	06-20-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	08-29-95	<0.003	<0.003	<0.002	<0.004	<0.002	<0.005	<0.002	<0.004	<0.004
ED-175	01-12-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	06-22-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	08-31-95	<0.003	<0.003	<0.002	<0.004	<0.002	<0.005	<0.002	<0.004	<0.004
ED-176	01-18-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.015	<0.007
ED-144	08-26-93	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	03-17-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007
	08-10-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	01-24-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	0.027	<0.012	<0.007
	03-28-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	0.010	<0.012	<0.007
	06-23-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	E0.016	<0.012	<0.007
	08-31-95	<0.003	<0.003	<0.002	<0.004	<0.002	<0.005	0.036	<0.004	<0.004
ED-145	08-27-93	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	03-17-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007
	08-10-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	01-25-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	03-28-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	06-23-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	08-31-95	<0.003	<0.003	<0.002	<0.004	<0.002	<0.005	<0.002	<0.004	<0.004
ED-146	08-12-93	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	12-08-93	<0.012	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007
	03-08-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007
	08-09-94	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	01-19-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007
	03-29-95	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)
ED-153	08-28-93	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	03-10-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	08-11-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	01-23-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	03-28-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	06-22-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	09-01-95	<0.003	<0.004	<0.006	<0.004	<0.004	<0.005	<0.002	<0.003	<0.018
ED-154	08-31-93	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	12-09-93	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	03-09-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	08-11-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	06-20-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	08-29-95	<0.003	<0.004	<0.006	<0.004	<0.004	<0.005	<0.002	<0.003	<0.018
ED-175	01-12-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	06-22-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	08-31-95	<0.003	<0.004	<0.006	<0.004	<0.004	<0.005	<0.002	<0.003	<0.018
ED-176	01-18-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
ED-144	08-26-93	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	03-17-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	08-10-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	01-24-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	03-28-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	06-23-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	08-31-95	<0.003	<0.004	<0.006	<0.004	<0.004	<0.005	<0.002	<0.003	<0.018
ED-145	08-27-93	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	03-17-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	08-10-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	01-25-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	03-28-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	06-23-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	08-31-95	<0.003	<0.004	<0.006	<0.004	<0.004	<0.005	<0.002	<0.003	<0.018
ED-146	08-12-93	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	12-08-93	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	03-08-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008
	08-09-94	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	01-19-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008
	03-29-95	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)
ED-153	08-28-93	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.004
	03-10-94	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008
	08-11-94	<0.015	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	01-23-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	03-28-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	06-22-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	09-01-95	<0.007	<0.004	<0.013	<0.005	<0.002	<0.010	<0.007	<0.013	<0.001
ED-154	08-31-93	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008
	12-09-93	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008
	03-09-94	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008
	08-11-94	<0.015	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	06-20-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	08-29-95	<0.007	<0.004	<0.013	<0.005	<0.002	<0.010	<0.007	<0.013	<0.001
ED-175	01-12-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	06-22-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	08-31-95	<0.007	<0.004	<0.013	<0.005	<0.002	<0.010	<0.007	<0.013	<0.001
ED-176	01-18-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
ED-144	08-26-93	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.004
	03-17-94	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	--	<0.012	<0.008
	08-10-94	<0.015	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	01-24-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	03-28-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	06-23-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	08-31-95	<0.007	<0.004	<0.013	<0.005	<0.002	<0.010	<0.007	<0.013	<0.001
ED-145	08-27-93	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.004
	03-17-94	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	--	<0.012	<0.008
	08-10-94	<0.015	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	01-25-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.030	<0.008
	03-28-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	06-23-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	08-31-95	<0.007	<0.004	<0.013	<0.005	<0.002	<0.010	<0.007	<0.013	<0.001
ED-146	08-12-93	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.004
	12-08-93	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008
	03-08-94	<0.015	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008
	08-09-94	<0.015	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	01-19-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008
	03-29-95	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)
ED-153	08-28-93	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-10-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-23-95	<0.012	--	--	--	--	--	--	--	--
	03-28-95	<0.012	--	--	--	--	--	--	--	--
	06-22-95	<0.012	--	--	--	--	--	--	--	--
	09-01-95	<0.002	--	--	--	--	--	--	--	--
ED-154	08-31-93	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-09-93	<0.012	--	--	--	--	--	--	--	--
	03-09-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	06-20-95	<0.012	--	--	--	--	--	--	--	--
	08-29-95	<0.002	--	--	--	--	--	--	--	--
ED-175	01-12-95	<0.012	--	--	--	--	--	--	--	--
	06-22-95	<0.012	--	--	--	--	--	--	--	--
	08-31-95	<0.002	--	--	--	--	--	--	--	--
ED-176	01-18-95	<0.012	--	--	--	--	--	--	--	--
ED-144	08-26-93	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-24-95	<0.012	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
	03-28-95	<0.012	--	--	--	--	--	--	--	--
	06-23-95	<0.012	--	--	--	--	--	--	--	--
	08-31-95	<0.002	--	--	--	--	--	--	--	--
ED-145	08-27-93	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	<0.012	--	--	--	--	--	--	--	--
	03-28-95	<0.012	--	--	--	--	--	--	--	--
	06-23-95	<0.012	--	--	--	--	--	--	--	--
	08-31-95	<0.002	--	--	--	--	--	--	--	--
ED-146	08-12-93	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-08-93	<0.012	--	--	--	--	--	--	--	--
	03-08-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-19-95	<0.012	--	--	--	--	--	--	--	--
	03-29-95	<0.012	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)
ED-153	08-28-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-23-95	--	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--	--
	09-01-95	--	--	--	--	--	--	--	--	--
ED-154	08-31-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-09-93	--	--	--	--	--	--	--	--	--
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	06-20-95	--	--	--	--	--	--	--	--	--
	08-29-95	--	--	--	--	--	--	--	--	--
ED-175	01-12-95	--	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-176	01-18-95	--	--	--	--	--	--	--	--	--
ED-144	08-26-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-28-95	--	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-145	08-27-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-146	08-12-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-08-93	--	--	--	--	--	--	--	--	--
	03-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-19-95	--	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)
ED-153	08-28-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-23-95	--	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--	--
	09-01-95	--	--	--	--	--	--	--	--	--
ED-154	08-31-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-09-93	--	--	--	--	--	--	--	--	--
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	06-20-95	--	--	--	--	--	--	--	--	--
	08-29-95	--	--	--	--	--	--	--	--	--
ED-175	01-12-95	--	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-176	01-18-95	--	--	--	--	--	--	--	--	--
ED-144	08-26-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-28-95	--	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-145	08-27-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-146	08-12-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-08-93	--	--	--	--	--	--	--	--	--
	03-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-19-95	--	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
ED-153	08-28-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-23-95	--	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--	--
	09-01-95	--	--	--	--	--	--	--	--	--
ED-154	08-31-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-09-93	--	--	--	--	--	--	--	--	--
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	06-20-95	--	--	--	--	--	--	--	--	--
	08-29-95	--	--	--	--	--	--	--	--	--
ED-175	01-12-95	--	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-176	01-18-95	--	--	--	--	--	--	--	--	--
ED-144	08-26-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-28-95	--	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-145	08-27-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--	--
ED-146	08-12-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-08-93	--	--	--	--	--	--	--	--	--
	03-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-19-95	--	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
ED-153	08-28-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
	01-23-95	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--
	09-01-95	--	--	--	--	--	--	--	--
ED-154	08-31-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-09-93	--	--	--	--	--	--	--	--
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
	06-20-95	--	--	--	--	--	--	--	--
	08-29-95	--	--	--	--	--	--	--	--
ED-175	01-12-95	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
ED-176	01-18-95	--	--	--	--	--	--	--	--
ED-144	08-26-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
	01-24-95	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
	03-28-95	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
ED-145	08-27-93	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
ED-146	08-12-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-08-93	--	--	--	--	--	--	--	--
	03-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-19-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
ED-153	08-28-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-23-95	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--
	09-01-95	--	--	--	--	--	--	--	--
ED-154	08-31-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-09-93	--	--	--	--	--	--	--	--
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	06-20-95	--	--	--	--	--	--	--	--
	08-29-95	--	--	--	--	--	--	--	--
ED-175	01-12-95	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
ED-176	01-18-95	--	--	--	--	--	--	--	--
Ed-144	08-26-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-24-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-28-95	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
Ed-145	08-27-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
Ed-146	08-12-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-08-93	--	--	--	--	--	--	--	--
	03-08-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-19-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
ED-153	08-28-93	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-10-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-23-95	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--
	09-01-95	--	--	--	--	--	--	--	--
ED-154	08-31-93	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-09-93	--	--	--	--	--	--	--	--
	03-09-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-11-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	06-20-95	--	--	--	--	--	--	--	--
	08-29-95	--	--	--	--	--	--	--	--
ED-175	01-12-95	--	--	--	--	--	--	--	--
	06-22-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
ED-176	01-18-95	--	--	--	--	--	--	--	--
ED-144	08-26-93	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-24-95	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-28-95	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
ED-145	08-27-93	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-17-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-10-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-28-95	--	--	--	--	--	--	--	--
	06-23-95	--	--	--	--	--	--	--	--
	08-31-95	--	--	--	--	--	--	--	--
ED-146	08-12-93	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	12-08-93	--	--	--	--	--	--	--	--
	03-08-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-19-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
ED-146	354743077292801	110QPLC	06-21-95	1300	8.49	9.17	442	4.5	21.5
	354743077292801	110QPLC	08-30-95	1430	5.04	9.17	434	4.5	25.0
ED-149	354743077292802	110QPLC	08-18-93	1230	7.12	11.29	444	4.4	22.0
	354743077292802	110QPLC	03-09-94	1200	9.02	11.29	404	4.9	13.5
	354743077292802	110QPLC	03-09-94	1500	9.02	11.29	404	4.9	13.5
	354743077292802	110QPLC	08-09-94	1600	5.97	11.29	398	5.2	24.5
	354743077292802	110QPLC	01-25-95	1500	0.46	11.29	412	4.9	16.0
	354743077292802	110QPLC	03-29-95	1200	5.33	11.29	416	4.8	16.5
	354743077292802	110QPLC	06-21-95	1700	8.11	11.29	421	4.9	20.5
	354743077292802	110QPLC	08-30-95	1730	5.86	11.29	400	4.7	23.5
ED-177	355808077262501	122YRKNQ	09-09-94	1830	10.60	20.47	79	6.0	19.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	ACIDITY (MG/L AS H) (71825)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)
ED-146	06-21-95	0.9	--	37	17	3.4	8.1	8	7	--
	08-30-95	0.5	--	33	17	3.5	7.9	2	2	--
ED-149	08-18-93	0.7	--	38	17	3.8	8.7	--	--	<1.0
	03-09-94	1.0	--	35	16	3.4	6.9	--	--	1.1
	03-09-94	1.0	--	34	16	3.3	6.9	--	--	1.7
	08-09-94	0.8	--	34	16	3.0	7.4	4	3	2.0
	01-25-95	0.1	--	37	16	3.4	6.9	3	3	1.7
	03-29-95	0.1	0.1	--	--	--	--	--	--	--
	06-21-95	0.6	--	37	16	3.5	8.1	7	5	<1.0
	08-30-95	0.4	--	36	15	3.5	7.8	2	2	--
ED-177	09-09-94	5.1	--	8.6	0.95	4.7	0.50	26	22	20

LOCAL IDENT-I-FIER	DATE	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)
ED-146	06-21-95	100	37	0.20	<0.010	13	304	<0.010	12.0	0.040
	08-30-95	90	31	0.20	<0.010	14	272	0.020	16.0	0.030
ED-149	08-18-93	100	26	0.20	0.010	12	268	<0.010	15.0	0.020
	03-09-94	120	19	0.20	<0.010	11	247	0.010	8.40	0.040
	03-09-94	120	20	0.20	0.010	11	249	0.040	8.30	0.060
	08-09-94	110	22	0.10	<0.010	11	275	0.010	1.20	0.040
	01-25-95	110	33	0.10	0.020	12	268	0.020	9.10	0.040
	03-29-95	--	--	--	--	--	--	0.010	9.30	0.030
	06-21-95	100	36	0.20	0.020	11	261	<0.010	9.80	0.040
	08-30-95	95	29	0.10	<0.010	11	248	<0.010	12.0	0.020
ED-177	09-09-94	6.3	6.2	<0.10	0.020	8.3	57	<0.010	0.330	0.010

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)
ED-146	06-21-95	0.40	<0.010	<0.010	--	--	--	--	--	--
	08-30-95	0.40	<0.010	<0.010	--	--	--	--	--	--
ED-149	08-18-93	0.40	<0.010	<0.010	--	--	--	--	--	--
	03-09-94	0.30	<0.010	<0.010	--	--	--	--	--	--
	03-09-94	0.30	<0.010	<0.010	--	--	--	--	--	--
	08-09-94	0.30	<0.010	<0.010	--	--	--	--	--	--
	01-25-95	0.30	<0.010	<0.010	--	--	--	--	--	--
	03-29-95	0.30	<0.010	<0.010	--	--	--	--	--	--
	06-21-95	0.30	<0.010	<0.010	--	--	--	--	--	--
	08-30-95	0.30	<0.010	<0.010	--	--	--	--	--	--
ED-177	09-09-94	<0.20	<0.010	<0.010	30	<1	<1	25	<1	<1.0

LOCAL IDENT-I-FIER	DATE	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)
ED-146	06-21-95	--	--	--	55	--	52	--	--	--
	08-30-95	--	--	--	110	--	48	--	--	--
ED-149	08-18-93	--	--	--	69	--	53	--	--	--
	03-09-94	--	--	--	160	--	44	--	--	--
	03-09-94	--	--	--	140	--	43	--	--	--
	08-09-94	--	--	--	240	--	42	--	--	--
	01-25-95	--	--	--	120	--	46	--	--	--
	03-29-95	--	--	--	--	--	--	--	--	--
	06-21-95	--	--	--	140	--	45	--	--	--
	08-30-95	--	--	--	150	--	40	--	--	--
ED-177	09-09-94	2	<1	1	11	<1	1	<1	1	<1

LOCAL IDENT-I-FIER	DATE	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)
ED-146	06-21-95	--	--	--	--	--	<0.009	<0.003	<0.017	<0.038
	08-30-95	--	--	--	--	4.5	<0.002	<0.002	<0.001	<0.001
ED-149	08-18-93	--	--	--	--	4.5	<0.009	<0.020	<0.017	<0.038
	03-09-94	--	--	--	--	3.7	<0.009	<0.020	<0.017	<0.038
	03-09-94	--	--	--	--	3.7	<0.009	<0.020	<0.017	<0.038
	08-09-94	--	--	--	--	4.0	<0.009	<0.005	<0.017	<0.050
	01-25-95	--	--	--	--	3.3	<0.009	<0.003	<0.017	<0.038
	03-29-95	--	--	--	--	--	<0.009	<0.003	<0.017	<0.038
	06-21-95	--	--	--	--	--	<0.009	<0.003	<0.017	<0.038
	08-30-95	--	--	--	--	3.4	<0.002	<0.002	<0.001	<0.001
ED-177	09-09-94	<1.0	9	<1.0	<0.40	0.50	<0.009	<0.007	<0.017	<0.038

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)
ED-146	06-21-95	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008
	08-30-95	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004	<0.002	E<0.001	<0.002
ED-149	08-18-93	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008
	03-09-94	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008
	03-09-94	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	0.044
	08-09-94	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004	<0.010	<0.008
	01-25-95	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008
	03-29-95	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008
	06-21-95	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008
	08-30-95	<0.002	<0.002	<0.003	<0.003	<0.004	<0.004	<0.002	E<0.001	<0.002
ED-177	09-09-94	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008

LOCAL IDENT-I-FIER	DATE	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)
ED-146	06-21-95	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007
	08-30-95	<0.001	<0.003	--	<0.017	<0.002	<0.004	<0.003	<0.003	<0.002
ED-149	08-18-93	<0.020	0.005	<0.02	<0.020	<0.005	<0.013	<0.012	<0.008	<0.007
	03-09-94	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012	<0.008	<0.007
	03-09-94	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012	<0.008	<0.007
	08-09-94	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007
	01-25-95	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007
	03-29-95	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007
	06-21-95	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007
	08-30-95	<0.001	<0.003	--	<0.017	<0.002	<0.004	<0.003	<0.003	<0.002
ED-177	09-09-94	0.026	<0.006	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007

LOCAL IDENT-I-FIER	DATE	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
ED-146	06-21-95	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
	08-30-95	<0.004	<0.002	<0.005	<0.002	<0.004	<0.004	<0.003	<0.004	<0.006
ED-149	08-18-93	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
	03-09-94	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
	03-09-94	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
	08-09-94	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
	01-25-95	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
	03-29-95	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
	06-21-95	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
	08-30-95	<0.004	<0.002	<0.005	<0.002	<0.004	<0.004	<0.003	<0.004	<0.006
ED-177	09-09-94	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)
ED-146	06-21-95	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006
	08-30-95	<0.004	<0.004	<0.005	<0.002	<0.003	<0.018	<0.007	<0.004	<0.013
ED-149	08-18-93	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015	<0.016	<0.010
	03-09-94	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015	<0.016	<0.010
	03-09-94	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015	<0.016	<0.010
	08-09-94	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.008
	01-25-95	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006
	03-29-95	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006
	06-21-95	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006
	08-30-95	<0.004	<0.004	<0.005	<0.002	<0.003	<0.018	<0.007	<0.004	<0.013
ED-177	09-09-94	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006

LOCAL IDENT-I-FIER	DATE	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)
ED-146	06-21-95	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	--	--
	08-30-95	<0.005	<0.002	<0.010	<0.007	<0.013	<0.001	<0.002	--	--
ED-149	08-18-93	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200
	03-09-94	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200
	03-09-94	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200
	08-09-94	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200
	01-25-95	<0.008	<0.008	<0.015	<0.030	<0.020	<0.008	<0.012	--	--
	03-29-95	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	--	--
	06-21-95	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	--	--
	08-30-95	<0.005	<0.002	<0.010	<0.007	<0.013	<0.001	<0.002	--	--
ED-177	09-09-94	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
ED-146	06-21-95	--	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--	--
ED-149	08-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--	--
	06-21-95	--	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--	--
ED-177	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
ED-146	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-149	08-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--
	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-177	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
ED-146	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-149	08-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--
	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-177	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
ED-146	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-149	08-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--
	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-177	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

EDGECOMBE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
ED-146	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-149	08-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--
	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-177	09-09-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
ED-146	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-149	08-18-93	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--
	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-177	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
ED-146	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-149	08-18-93	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	03-09-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	08-09-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
	01-25-95	--	--	--	--	--	--	--	--
	03-29-95	--	--	--	--	--	--	--	--
	06-21-95	--	--	--	--	--	--	--	--
	08-30-95	--	--	--	--	--	--	--	--
ED-177	09-09-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

GATES COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH, WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
GA-067	362646076361607	110QPLC	09-02-94	0930	8.31	31.00	158	5.0	17.5

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)
GA-067	09-02-94	0.2	5.6	6.0	6.8	2.4	3	2	37	18

LOCAL IDENT-I-FIER	DATE	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
GA-067	09-02-94	<0.10	0.10	19	99	<0.010	0.420	0.040	<0.20	0.020

LOCAL IDENT-I-FIER	DATE	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)
GA-067	09-02-94	<0.010	440	<1	<1	180	<1	<1.0	2	30

LOCAL IDENT-I-FIER	DATE	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)
GA-067	09-02-94	<1	4000	2	130	<1	36	<1	<1.0	280

LOCAL IDENT-I-FIER	DATE	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
GA-067	09-02-94	1.4	<0.40	0.50	<0.009	0.003	0.011	<0.038	<0.013	<0.008

LOCAL IDENT-I-FIER	DATE	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
GA-067	09-02-94	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

GATES COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)
GA-067	09-02-94	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039

LOCAL IDENT-I-FIER	DATE	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
GA-067	09-02-94	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018

LOCAL IDENT-I-FIER	DATE	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)
GA-067	09-02-94	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006	<0.008	<0.008

LOCAL IDENT-I-FIER	DATE	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
GA-067	09-02-94	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
GA-067	9-02-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
GA-067	09-02-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
GA-067	09-02-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

GATES COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
GA-067	09-02-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
GA-067	09-02-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
GA-067	09-02-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
GA-067	09-02-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

GREENE COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
GR-081	353122077334902	122YRKNQ	03-22-95	1330	14.07	50.00	325	7.3	21.0
GR-082	353103077333401	110QPLC	02-01-95	1300	2.46	16.00	91	4.6	16.0
GR-083	353122077334901	110QPLC	03-22-95	0900	6.49	10.00	247	5.3	13.5
GR-084	353111077334401	110QPLC	03-20-95	1700	0.84	29.00	80	4.5	17.5
GR-085	353111077334402	110QPLC	03-23-95	1230	0.96	7.00	245	4.8	13.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	ACIDITY (MG/L AS H) (71825)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)
GR-081	03-22-95	0.6	--	61	1.7	6.7	2.4	215	176	--
GR-082	02-01-95	3.4	0.1	3.5	3.6	2.4	0.70	--	--	--
GR-083	03-22-95	5.5	--	27	4.6	3.9	5.2	10	8	--
GR-084	03-20-95	0.1	0.1	3.5	0.63	4.8	1.5	--	--	--
GR-085	03-23-95	2.6	--	17	6.0	8.2	2.3	--	--	--

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
GR-081	03-22-95	--	171	1.8	2.9	0.20	0.020	39	222	<0.010
GR-082	02-01-95	--	<1.0	9.3	9.1	<0.10	0.060	5.6	43	<0.010
GR-083	03-22-95	--	6.9	14	20	0.40	0.040	4.9	161	<0.010
GR-084	03-20-95	--	--	14	9.8	<0.10	0.10	16	54	<0.010
GR-085	03-23-95	--	<1.0	20	31	0.20	0.050	7.5	137	0.010

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)
GR-081	03-22-95	<0.050	0.050	--	<0.20	--	0.050	0.070	--	--
GR-082	02-01-95	4.10	<0.015	--	<0.20	--	<0.010	<0.010	--	--
GR-083	03-22-95	15.0	<0.015	--	<0.20	--	<0.010	0.010	--	--
GR-084	03-20-95	0.140	<0.015	--	<0.20	--	<0.010	0.010	--	--
GR-085	03-23-95	10.0	<0.015	--	<0.20	--	<0.010	<0.010	--	--

LOCAL IDENT-I-FIER	DATE	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)
GR-081	03-22-95	--	--	--	--	--	--	--	240	--
GR-082	02-01-95	--	--	--	--	--	--	--	210	--
GR-083	03-22-95	--	--	--	--	--	--	--	<3	--
GR-084	03-20-95	--	--	--	--	--	--	--	790	--
GR-085	03-23-95	--	--	--	--	--	--	--	13	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

GREENE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	RADON 222 TOTAL (PCI/L) (82303)
GR-081	03-22-95	56	--	--	--	--	--	--	--	--
GR-082	02-01-95	9	--	--	--	--	--	--	--	--
GR-083	03-22-95	96	--	--	--	--	--	--	--	--
GR-084	03-20-95	21	--	--	--	--	--	--	--	--
GR-085	03-23-95	87	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	% TOT C IN SED DRY WGT **EPA** PERCENT (82005)	N15/N14 NO3 FRAC WATER FLTRD 0.45 U PER MIL (82690)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
GR-081	03-22-95	--	--	0.40	<0.009	<0.003	<0.017	<0.038	<0.013	<0.008
GR-082	02-01-95	--	--	0.60	<0.009	E0.002	<0.017	<0.038	<0.013	<0.008
GR-083	03-22-95	--	--	0.60	<0.009	E0.007	E0.017	<0.038	<0.013	<0.008
GR-084	03-20-95	--	--	0.20	<0.009	<0.003	<0.017	<0.038	<0.013	<0.008
GR-085	03-23-95	--	--	1.2	<0.009	E0.001	E0.009	<0.038	<0.013	<0.008

LOCAL IDENT-I-FIER	DATE	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
GR-081	03-22-95	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006
GR-082	02-01-95	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006
GR-083	03-22-95	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006
GR-084	03-20-95	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006
GR-085	03-23-95	<0.046	<0.013	<0.005	<0.013	<0.004	E0.003	<0.008	<0.008	<0.006

LOCAL IDENT-I-FIER	DATE	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)
GR-081	03-22-95	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039
GR-082	02-01-95	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039
GR-083	03-22-95	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039
GR-084	03-20-95	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039
GR-085	03-23-95	--	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039

LOCAL IDENT-I-FIER	DATE	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
GR-081	03-22-95	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018
GR-082	02-01-95	<0.014	<0.009	0.022	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018
GR-083	03-22-95	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018
GR-084	03-20-95	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018
GR-085	03-23-95	<0.014	E0.002	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

GREENE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)
GR-081	03-22-95	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006	<0.008	<0.008
GR-082	02-01-95	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006	<0.008	<0.008
GR-083	03-22-95	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006	<0.008	<0.008
GR-084	03-20-95	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006	<0.008	<0.008
GR-085	03-23-95	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006	<0.008	<0.008

LOCAL IDENT-I-FIER	DATE	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)
GR-081	03-22-95	<0.015	<0.030	<0.012	<0.008	<0.012	--	--	--	--
GR-082	02-01-95	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200	<0.200	<0.200
GR-083	03-22-95	<0.015	<0.030	<0.012	<0.008	<0.012	--	--	--	--
GR-084	03-20-95	<0.015	<0.030	<0.012	<0.008	<0.012	--	--	--	--
GR-085	03-23-95	<0.015	<0.030	<0.012	<0.008	<0.012	--	--	--	--

LOCAL IDENT-I-FIER	DATE	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	2-CHLORO-PHENOL TOTAL (UG/L) (34586)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
GR-081	03-22-95	--	--	--	--	--	--	--	--
GR-082	02-01-95	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200	<0.200
GR-083	03-22-95	--	--	--	--	--	--	--	--
GR-084	03-20-95	--	--	--	--	--	--	--	--
GR-085	03-23-95	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
GR-081	03-22-95	--	--	--	--	--	--	--	--
GR-082	02-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
GR-083	03-22-95	--	--	--	--	--	--	--	--
GR-084	03-20-95	--	--	--	--	--	--	--	--
GR-085	03-23-95	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
GR-081	03-22-95	--	--	--	--	--	--	--	--
GR-082	02-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
GR-083	03-22-95	--	--	--	--	--	--	--	--
GR-084	03-20-95	--	--	--	--	--	--	--	--
GR-085	03-23-95	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

GREENE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
GR-081	03-22-95	--	--	--	--	--	--	--	--
GR-082	02-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
GR-083	03-22-95	--	--	--	--	--	--	--	--
GR-084	03-20-95	--	--	--	--	--	--	--	--
GR-085	03-23-95	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
GR-081	03-22-95	--	--	--	--	--	--	--	--
GR-082	02-01-95	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
GR-083	03-22-95	--	--	--	--	--	--	--	--
GR-084	03-20-95	--	--	--	--	--	--	--	--
GR-085	03-23-95	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
GR-081	03-22-95	--	--	--	--	--	--	--	--
GR-082	02-01-95	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
GR-083	03-22-95	--	--	--	--	--	--	--	--
GR-084	03-20-95	--	--	--	--	--	--	--	--
GR-085	03-23-95	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
GR-081	03-22-95	--	--	--	--	--	--	--	--
GR-082	02-01-95	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
GR-083	03-22-95	--	--	--	--	--	--	--	--
GR-084	03-20-95	--	--	--	--	--	--	--	--
GR-085	03-23-95	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

HERTFORD COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
HF-093	361559077062501	122YRKNQ	09-03-94	1700	16.05	35.81	112	6.3	18.5
HF-087	363026077001908	122YRKNQ	09-03-94	1130	15.80	33.00	158	6.2	17.5

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
HF-093	09-03-94	0.1	2.4	0.86	20	0.60	65	54	24	4.1
HF-087	09-03-94	6.8	14	5.0	2.9	1.9	29	24	25	0.70

LOCAL IDENT-I-FIER	DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)
HF-093	09-03-94	18	<0.10	0.13	33	118	0.050	3.90	0.160	<0.20
HF-087	09-03-94	14	<0.10	0.080	8.0	98	<0.010	6.50	0.020	<0.20

LOCAL IDENT-I-FIER	DATE	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)
HF-093	09-03-94	<0.010	<0.010	4	<1	<1	48	<1	<1.0	2
HF-087	09-03-94	<0.010	<0.010	5	<1	<1	79	<1	<1.0	<1

LOCAL IDENT-I-FIER	DATE	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)
HF-093	09-03-94	3	<1	15000	<1	170	5	64	<1	<1.0
HF-087	09-03-94	<1	<1	200	<1	56	<1	12	<1	<1.0

LOCAL IDENT-I-FIER	DATE	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
HF-093	09-03-94	>1000	<1.0	<0.40	0.80	<0.009	0.020	0.018	<0.038	<0.013
HF-087	09-03-94	>1000	<1.0	<0.40	0.30	<0.009	0.021	<0.017	<0.050	<0.013

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

HERTFORD COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	BUTYLATE, WATER, DISS, REC (UG/L) (04028)	CARBARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBOFURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLORPYRIFOS DISSOLVED (UG/L) (38933)	CYANAZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DIAZINON, DISSOLVED (UG/L) (39572)	DIELDRIN DISSOLVED (UG/L) (39381)
HF-093	09-03-94	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.008
HF-087	09-03-94	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004	<0.010	<0.008	<0.008

LOCAL IDENT-I-FIER	DATE	2,6-DIETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETHOATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISULFOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHALFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHOPROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DISSOLVED (UG/L) (34253)	LINDANE DISSOLVED (UG/L) (39341)
HF-093	09-03-94	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011
HF-087	09-03-94	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011

LOCAL IDENT-I-FIER	DATE	LINURON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALATHION, DISSOLVED (UG/L) (39532)	METOLACHLOR WATER DISSOLV (UG/L) (39415)	METRIBUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOLINATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROPAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARATHION, DISSOLVED (UG/L) (39542)	METHYL PARATHION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEBULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
HF-093	09-03-94	<0.039	<0.014	0.140	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009
HF-087	09-03-94	<0.039	<0.014	0.007	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009

LOCAL IDENT-I-FIER	DATE	PENDIMETHALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PERMETHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRONAMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PROMETON, WATER, DISS, REC (UG/L) (04037)	PROPCHLOR, WATER, DISS, REC (UG/L) (04024)	PROPANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PROPARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SIMAZINE, WATER, DISS, REC (UG/L) (04035)
HF-093	09-03-94	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006	<0.008
HF-087	09-03-94	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.008	<0.008

LOCAL IDENT-I-FIER	DATE	THIOBENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBUTHIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TERBACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TERBUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIALLATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRIFLURALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRICHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRICHLORO-WAT UNF REC (UG/L) (34551)
HF-093	09-03-94	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200	<0.200
HF-087	09-03-94	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DICHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DICHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLOROTOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISOPROPYLBENZENE WATER WHOLE REC (UG/L) (77223)	BROMOBENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
HF-093	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
HF-087	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

HERTFORD COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
HF-093	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
HF-087	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
HF-093	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
HF-087	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
HF-093	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
HF-087	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
HF-093	09-03-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
HF-087	09-03-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
HF-093	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
HF-087	09-03-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
HF-093	09-03-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
HF-087	09-03-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

HYDE COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
HY-171	353310076042201	122YRKN	04-26-94	1200	3.00	145.00	651	6.9	21.0
HY-172	353316076041501	110QPLC	04-26-94	1515	3.88	32.02	940	6.8	22.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
HY-171	04-26-94	1.8	--	--	--	--	--	--	--	--
HY-172	04-26-94	2.4	130	24	31	7.9	546	448	434	<0.10

LOCAL IDENT-I-FIER	DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
HY-171	04-26-94	--	--	--	--	--	--	--	--	--
HY-172	04-26-94	51	0.30	71	661	0.010	<0.050	2.70	3.5	0.300

LOCAL IDENT-I-FIER	DATE	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
HY-171	04-26-94	--	--	--	--	--	--	--	--	--
HY-172	04-26-94	0.240	6100	420	30	<0.009	<0.005	<0.017	<0.050	<0.013

LOCAL IDENT-I-FIER	DATE	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)
HY-171	04-26-94	--	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004	<0.010	<0.008	<0.008

LOCAL IDENT-I-FIER	DATE	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)
HY-171	04-26-94	--	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

HYDE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)
HY-171	04-26-94	--	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009

LOCAL IDENT-I-FIER	DATE	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)
HY-171	04-26-94	--	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016	<0.008	<0.008

LOCAL IDENT-I-FIER	DATE	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
HY-171	04-26-94	--	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
HY-171	04-26-94	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
HY-171	04-26-94	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
HY-171	04-26-94	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

HYDE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
HY-171	04-26-94	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
HY-171	04-26-94	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
HY-171	04-26-94	--	--	--	--	--	--	--	--
HY-172	04-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
HY-171	04-26-94	--	--	--	--	--	--	--	--
HY-172	04-26-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

JONES COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
JO-073	350522077133401	110QPLC	12-15-93	0930	1.55	8.00	123	5.5	12.0
	350522077133401	110QPLC	03-30-94	1100	1.81	8.00	129	5.7	13.0
JO-074	350519077133801	124CSLH	03-30-94	1400	--	80.00	432	7.0	15.5

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)
JO-073	12-15-93	3.9	--	--	--	--	17	14	--	--
	03-30-94	2.9	4.5	2.1	5.9	9.6	13	11	10	20
JO-074	03-30-94	1.3	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)
JO-073	12-15-93	--	--	--	--	<0.010	0.300	0.040	0.30	<0.010
	03-30-94	9.4	<0.10	9.7	90	0.020	0.670	0.010	0.40	0.020
JO-074	03-30-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)
JO-073	12-15-93	<0.010	--	--	--	<0.009	<0.020	<0.017	<0.038	<0.013
	03-30-94	0.020	410	13	5.7	<0.009	<0.020	<0.017	<0.038	<0.013
JO-074	03-30-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)
JO-073	12-15-93	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.020
	03-30-94	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010	0.020	<0.020
JO-074	03-30-94	--	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)
JO-073	12-15-93	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011
	03-30-94	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011
JO-074	03-30-94	--	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

JONES COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
JO-073	12-15-93	<0.039	<0.010	0.004	<0.012	<0.007	<0.010	<0.022	<0.035
	03-30-94	<0.039	<0.010	0.004	<0.012	<0.007	<0.010	<0.022	<0.035
JO-074	03-30-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
JO-073	12-15-93	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015	<0.016
	03-30-94	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015	<0.016
JO-074	03-30-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
JO-073	12-15-93	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
	03-30-94	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
JO-074	03-30-94	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

LENOIR COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
LN-089	351408077330101	211BKCK	09-23-94	1000	124.00	482.00	223	6.9	19.5
LN-092	351419077351101	211BKCK	09-21-94	1300	150.00	420.00	213	6.8	19.5
LN-184	352305077321701	211PEED	12-14-93	1645	10.26	15.07	245	6.9	15.0
	352305077321701	211PEED	03-25-94	0930	5.53	15.07	197	5.7	16.5
LN-185	352445077300801	211PEED	03-25-94	1600	--	10.00	199	5.2	15.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
LN-089	09-23-94	0.3	1.3	0.65	45	8.9	91	75	--	--
LN-092	09-21-94	0.3	1.5	1.4	39	9.4	117	96	--	--
LN-184	12-14-93	2.2	--	--	--	--	281	230	--	--
	03-25-94	5.6	18	5.5	3.2	4.5	--	--	27	22
LN-185	03-25-94	6.4	13	5.8	5.4	7.4	--	--	2	2

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
LN-089	09-23-94	80	3.8	4.0	--	0.030	15	137	<0.010	0.063
LN-092	09-21-94	88	4.7	5.1	--	0.030	13	116	<0.010	0.055
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	20	15	11	0.40	0.050	7.0	128	0.010	10.0
LN-185	03-25-94	1.3	41	6.9	0.10	0.020	4.0	117	<0.010	8.40

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
LN-089	09-23-94	0.110	<0.20	0.270	0.290	80	<1	<1	5	<1
LN-092	09-21-94	0.040	<0.20	0.230	0.230	20	<1	<1	7	<1
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	0.160	<0.20	<0.010	<0.010	--	--	--	--	--
LN-185	03-25-94	<0.010	<0.20	<0.010	<0.010	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)
LN-089	09-23-94	<1.0	3	<1	3	49	2	9	<1	<1
LN-092	09-21-94	<1.0	2	<1	<1	30	<1	6	<1	<1
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	--	--	--	--	73	--	150	--	--
LN-185	03-25-94	--	--	--	--	100	--	35	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

LENOIR COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	RADON 222 TOTAL (PCI/L) (82303)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)
LN-089	09-23-94	<1	<1.0	110	<1.0	<0.40	150	0.40	<0.009	<0.005
LN-092	09-21-94	<1	<1.0	3	<1.0	<0.40	120	0.40	<0.009	E0.004
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	--	--	--	--	--	--	0.70	<0.009	0.140
LN-185	03-25-94	--	--	--	--	--	--	1.0	<0.009	<0.020

LOCAL IDENT-I-FIER	DATE	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
LN-089	09-23-94	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004
LN-092	09-21-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	0.080	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
LN-185	03-25-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004

LOCAL IDENT-I-FIER	DATE	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
LN-089	09-23-94	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012
LN-092	09-21-94	<0.010	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	<0.010	0.031	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012
LN-185	03-25-94	<0.010	<0.008	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012

LOCAL IDENT-I-FIER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
LN-089	09-23-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
LN-092	09-21-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	<0.008	<0.007	<0.011	<0.039	<0.010	0.770	<0.012	<0.007	<0.010
LN-185	03-25-94	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010

LOCAL IDENT-I-FIER	DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)
LN-089	09-23-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
LN-092	09-21-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015
LN-185	03-25-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

LENOIR COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
LN-089	09-23-94	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
LN-092	09-21-94	<0.016	<0.006	<0.008	<0.008	<0.015	E0.005	<0.012	<0.008	<0.012
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
LN-185	03-25-94	<0.016	<0.010	<0.010	<0.008	0.071	<0.030	<0.012	<0.008	<0.012

LOCAL IDENT-I-FIER	DATE	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)
LN-089	09-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-092	09-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-185	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
LN-089	09-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-092	09-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-185	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
LN-089	09-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-092	09-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-184	12-14-93	--	--	--	--	--	--	--	--	--
	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-185	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
LN-089	09-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
LN-092	09-21-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200
LN-184	12-14-93	--	--	--	--	--	--	--	--
	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-185	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

LENOIR COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
LN-089	09-23-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
LN-092	09-21-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	--
LN-184	12-14-93	--	--	--	--	--	--	--	--
	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-185	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
LN-089	09-23-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-092	09-21-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
LN-184	12-14-93	--	--	--	--	--	--	--	--
	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-185	03-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
LN-089	09-23-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-092	09-21-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-184	12-14-93	--	--	--	--	--	--	--	--
	03-25-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
LN-185	03-25-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

ONSLOW COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
ON-288	345516077190001	110QPLC	12-15-93	1545	8.76	16.90	158	6.0	15.5
	345516077190001	110QPLC	03-30-94	1630	4.89	16.90	119	5.8	16.5
ON-290	345536077191601	110QPLC	03-31-94	1245	--	30.00	244	6.5	16.0
ON-289	345517077185201	124CSLH	03-30-94	1730	--	90.00	571	7.0	17.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
ON-288	12-15-93	0.6	--	--	--	--	112	92	--	--
	03-30-94	0.3	10	1.9	5.5	0.50	--	--	44	40
ON-290	03-31-94	0.7	38	1.0	5.9	0.30	--	--	137	112
ON-289	03-30-94	1.3	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
ON-288	12-15-93	--	--	--	--	--	--	--	--
	03-30-94	14	12	12	0.50	4.9	76	0.020	0.220
ON-290	03-31-94	103	7.7	5.9	0.30	5.8	147	0.020	<0.050
ON-289	03-30-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)
ON-288	12-15-93	--	--	--	--	--	--	--	--
	03-30-94	<0.010	<0.20	<0.20	<0.010	1.30	1.20	6900	24
ON-290	03-31-94	0.120	--	0.30	--	0.790	0.620	4100	18
ON-289	03-30-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)
ON-288	12-15-93	--	--	--	--	--	--	--	--
	03-30-94	1.0	<0.009	<0.020	<0.017	<0.038	<0.013	<0.008	<0.046
ON-290	03-31-94	4.3	<0.009	<0.020	<0.017	<0.050	<0.013	<0.008	<0.046
ON-289	03-30-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
ON-288	12-15-93	--	--	--	--	--	--	--	--
	03-30-94	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.020	<0.006
ON-290	03-31-94	<0.013	<0.008	<0.013	<0.004	<0.010	<0.008	<0.020	<0.006
ON-289	03-30-94	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

ONSLOW COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)
ON-288	12-15-93	--	--	--	--	--	--	--	--
	03-30-94	<0.02	<0.020	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011
ON-290	03-31-94	<0.02	<0.020	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011
ON-289	03-30-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)
ON-288	12-15-93	--	--	--	--	--	--	--	--
	03-30-94	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
ON-290	03-31-94	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035
ON-289	03-30-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
ON-288	12-15-93	--	--	--	--	--	--	--	--
	03-30-94	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015	<0.016
ON-290	03-31-94	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015	<0.016
ON-289	03-30-94	--	--	--	--	--	--	--	--

LOCAL IDENT-I-FIER	DATE	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
ON-288	12-15-93	--	--	--	--	--	--	--	--
	03-30-94	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
ON-290	03-31-94	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
ON-289	03-30-94	--	--	--	--	--	--	--	--

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PAMLICO COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
PA-147	350617076493601	110QPLC	04-19-94	1600	3.51	6.25	378	6.4	17.0
PA-148	350615076520501	124CSLH	04-20-94	1730	--	170.00	586	7.3	20.5
PA-149	350241076484801	122YRKN	04-19-94	1645	7.27	10.17	344	10.6	24.0
PA-150	350306076500201	124CSLH	04-19-94	1100	--	210.00	367	7.3	18.5
PA-151	350303076495301	122YRKN	04-19-94	1300	5.27	15.00	59	6.2	19.5

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
PA-147	04-19-94	7.7	--	--	--	--	--	--	--	--
PA-148	04-20-94	5.6	--	--	--	--	--	--	--	--
PA-149	04-19-94	7.0	--	--	--	--	--	--	--	--
PA-150	04-19-94	6.1	--	--	--	--	--	--	--	--
PA-151	04-19-94	2.2	3.9	1.6	1.4	2.7	6.2	9.1	4.5	<0.10

LOCAL IDENT-I-FIER	DATE	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)
PA-147	04-19-94	--	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--	--
PA-151	04-19-94	0.060	2.5	29	<0.010	0.340	0.020	<0.20	<0.010	<0.010

LOCAL IDENT-I-FIER	DATE	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)
PA-147	04-19-94	--	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--	--
PA-151	04-19-94	1500	34	0.90	<0.009	<0.005	<0.017	<0.050	<0.013	<0.008

LOCAL IDENT-I-FIER	DATE	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)
PA-147	04-19-94	--	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.046	<0.013	<0.008	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PAMLICO COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)
PA-147	04-19-94	--	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039

LOCAL IDENT-I-FIER	DATE	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)
PA-147	04-19-94	--	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018

LOCAL IDENT-I-FIER	DATE	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)
PA-147	04-19-94	--	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.016	<0.011	<0.009	0.012	<0.015	<0.016	<0.008	<0.008	<0.008

LOCAL IDENT-I-FIER	DATE	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)
PA-147	04-19-94	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)
PA-147	04-19-94	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PAMLICO COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
PA-147	04-19-94	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
PA-147	04-19-94	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2 -DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
PA-147	04-19-94	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
PA-147	04-19-94	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
PA-147	04-19-94	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--
PA-151	04-19-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PAMLICO COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
PA-147	04-19-94	--	--	--	--	--	--	--	--
PA-148	04-20-94	--	--	--	--	--	--	--	--
PA-149	04-19-94	--	--	--	--	--	--	--	--
PA-150	04-19-94	--	--	--	--	--	--	--	--
PA-151	04-19-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PITT COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
PI-532	353219077153801	110QPLC	09-07-94	0930	7.08	10.90	164	4.4	21.5

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)
PI-532	(09-07-94	1.9	4.2	2.1	6.2	17	<1.0	33	14	<0.10

LOCAL IDENT-I-FIER	DATE	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)
PI-532	09-07-94	0.060	7.5	97	<0.010	2.20	0.010	<0.20	0.010	<0.010

LOCAL IDENT-I-FIER	DATE	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)
PI-532	09-07-94	710	2	<1	91	<1	<1.0	3	3	35

LOCAL IDENT-I-FIER	DATE	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)
PI-532	09-07-94	120	--	20	<1	5	<1	<1.0	47	2.7

LOCAL IDENT-I-FIER	DATE	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)
PI-532	09-07-94	0.40	1.4	<0.009	<0.003	<0.017	<0.038	<0.013	<0.008	<0.046

LOCAL IDENT-I-FIER	DATE	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)
PI-532	09-07-94	<0.013	<0.005	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006	<0.02

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PITT COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)
PI-532	09-07-94	<0.060	<0.005	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014

LOCAL IDENT-I-FIER	DATE	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)
PI-532	09-07-94	<0.009	<0.012	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016

LOCAL IDENT-I-FIER	DATE	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)
PI-532	09-07-94	<0.011	<0.009	<0.008	<0.015	<0.016	<0.006	<0.008	<0.008	<0.015

LOCAL IDENT-I-FIER	DATE	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)
PI-532	09-07-94	<0.030	<0.012	<0.008	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)
PI-532	09-07-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)
PI-532	09-07-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)
PI-532	09-07-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PITT COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)
PI-532	09-07-94	--	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)
PI-532	09-07-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
PI-532	09-07-94	<0.200	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PASQUOTANK COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
PK-210	361218076100401	110QPLC	08-31-94	1930	4.55	75.00	2750	7.5	19.0
PK-209	361717076201301	110QPLC	12-21-93	1645	3.75	12.50	364	6.9	14.0
	361717076201301	110QPLC	05-17-94	0930	2.81	12.50	387	6.7	16.0
PK-141	361829076163201	110QPLC	09-01-94	1300	2.72	12.60	133	4.9	19.0
PK-190	362601076230702	110QPLC	09-01-94	1700	8.96	37.00	442	6.6	17.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
PK-210	08-31-94	0.9	62	41	400	29	383	314	--	--
PK-209	12-21-93	4.8	--	--	--	--	206	169	--	--
	05-17-94	2.3	21	5.7	43	1.1	215	176	210	172
PK-141	09-01-94	0.3	1.8	2.1	12	1.0	6	5	--	--
PK-190	09-01-94	0.1	50	4.1	27	1.3	190	156	--	--

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
PK-210	08-31-94	383	0.20	710	0.30	2.0	44	1550	<0.010	<0.050
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	144	16	6.6	1.1	0.36	45	342	0.030	<0.050
PK-141	09-01-94	--	22	18	<0.10	0.030	21	74	<0.010	<0.050
PK-190	09-01-94	138	27	23	0.10	0.23	49	296	<0.010	<0.050

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
PK-210	08-31-94	2.80	3.1	0.400	0.320	4	<2	<1	28	<2
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	0.310	1.1	1.40	1.40	--	--	--	--	--
PK-141	09-01-94	0.140	0.20	0.050	0.040	140	<1	21	40	<1
PK-190	09-01-94	0.200	0.30	0.220	<0.010	5	<1	<1	11	<1

LOCAL IDENT-I-FIER	DATE	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)
PK-210	08-31-94	<2.0	8	<2	<2	880	<2	120	<2	<2
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	--	--	--	--	22000	--	680	--	--
PK-141	09-01-94	<1.0	4	4	2	8000	<1	25	<1	6
PK-190	09-01-94	<1.0	7	<1	<1	15000	<1	180	<1	3

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PASQUOTANK COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)
PK-210	08-31-94	<1	<2.0	240	<1.0	<2.0	5.4	<0.009	<0.003	<0.017
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	--	--	--	--	--	33	0.009	<0.005	<0.017
PK-141	09-01-94	<1	<1.0	37	<1.0	<0.40	3.2	<0.009	<0.003	<0.017
PK-190	09-01-94	<1	<1.0	>1000	<1.0	<0.40	4.4	<0.009	<0.003	<0.017

LOCAL IDENT-I-FIER	DATE	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)
PK-210	08-31-94	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	<0.050	<0.013	<0.008	<0.046	<0.013	0.006	<0.013	<0.004	<0.010
PK-141	09-01-94	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010
PK-190	09-01-94	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010

LOCAL IDENT-I-FIER	DATE	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)
PK-210	08-31-94	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	<0.008	<0.008	0.010	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008
PK-141	09-01-94	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008
PK-190	09-01-94	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008

LOCAL IDENT-I-FIER	DATE	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)
PK-210	08-31-94	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022
PK-141	09-01-94	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022
PK-190	09-01-94	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022

LOCAL IDENT-I-FIER	DATE	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
PK-210	08-31-94	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016
PK-141	09-01-94	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016
PK-190	09-01-94	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PASQUOTANK COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)
PK-210	08-31-94	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200
PK-141	09-01-94	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200
PK-190	09-01-94	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200

LOCAL IDENT-I-FIER	DATE	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)
PK-210	08-31-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-141	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-190	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
PK-210	08-31-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-209	12-21-93	--	--	--	--	--	--	--	--	--
	05-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-141	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-190	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
PK-210	08-31-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-209	12-21-93	--	--	--	--	--	--	--	--
	05-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-141	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-190	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
PK-210	08-31-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-209	12-21-93	--	--	--	--	--	--	--	--
	05-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-141	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-190	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PASQUOTANK COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
PK-210	08-31-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
PK-209	12-21-93	--	--	--	--	--	--	--	--
	05-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-141	09-01-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200
PK-190	09-01-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
PK-210	08-31-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-209	12-21-93	--	--	--	--	--	--	--	--
	05-17-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-141	09-01-94	<0.200	<0.200	<0.200	<0.200	0.200	<0.200	<0.200	<0.200
PK-190	09-01-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
PK-210	08-31-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-209	12-21-93	--	--	--	--	--	--	--	--
	05-17-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-141	09-01-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PK-190	09-01-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PERQUIMANS COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
PR-079	361702076330101	110QPLC	04-28-94	1000	2.41	11.92	225	8.7	22.0
PR-080	360913076173101	110QPLC	05-16-94	1630	3.28	9.37	326	6.1	23.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
PR-079	04-28-94	4.0	41	0.71	5.9	1.2	--	--	107	87
PR-080	05-16-94	2.1	10	5.9	43	0.80	71	58	66	54

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
PR-079	04-28-94	91	19	8.2	0.10	--	14	144	<0.010	<0.050
PR-080	05-16-94	58	23	44	<0.10	0.30	32	208	0.030	1.60

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)
PR-079	04-28-94	0.040	<0.20	<0.20	<0.010	0.110	0.100	27	9	1.8
PR-080	05-16-94	0.040	--	<0.20	--	0.070	0.080	1500	92	4.2

LOCAL IDENT-I-FIER	DATE	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)
PR-079	04-28-94	0.006	<0.005	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008
PR-080	05-16-94	<0.009	<0.005	<0.017	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008

LOCAL IDENT-I-FIER	DATE	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)
PR-079	04-28-94	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005
PR-080	05-16-94	<0.013	<0.004	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PERQUIMANS COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)
PR-079	04-28-94	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012
PR-080	05-16-94	<0.013	<0.012	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012

LOCAL IDENT-I-FIER	DATE	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)
PR-079	04-28-94	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009
PR-080	05-16-94	<0.007	<0.010	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009

LOCAL IDENT-I-FIER	DATE	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)
PR-079	04-28-94	<0.008	<0.015	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012
PR-080	05-16-94	<0.008	<0.015	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012

LOCAL IDENT-I-FIER	DATE	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)
PR-079	04-28-94	<0.008	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PR-080	05-16-94	<0.008	<0.012	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)
PR-079	04-28-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PR-080	05-16-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)
PR-079	04-28-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PR-080	05-16-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

PERQUIMANS COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)
PR-079	04-28-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PR-080	05-16-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
PR-079	04-28-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PR-080	05-16-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
PR-079	04-28-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PR-080	05-16-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
PR-079	04-28-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
PR-080	05-16-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

WAYNE COUNTY

LOCAL IDENTIFIER	STATION NUMBER	GEOLOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPECIFIC CONDUCTANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	TEMPERATURE WATER (DEG C) (00010)
WA-184	353241077521601	110QPLC	03-29-94	1300	3.59	19.46	92	5.1	17.0
WA-185	352905077594501	211CPFRU	12-20-93	1630	15.94	33.00	109	5.4	16.0
	352905077594501	211CPFRU	03-24-94	1530	11.95	33.00	103	5.2	19.0
WA-179	352812077510304	110QPLC	09-22-94	1300	7.95	18.00	136	5.4	21.0

LOCAL IDENTIFIER	DATE	OXYGEN, DISSOLVED (MG/L) (00300)	CALCIUM DISSOLVED (MG/L AS CA) (00915)	MAGNESIUM, DISSOLVED (MG/L AS MG) (00925)	SODIUM, DISSOLVED (MG/L AS NA) (00930)	POTASSIUM, DISSOLVED (MG/L AS K) (00935)	BICARBONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKALINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICARBONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKALINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
WA-184	03-29-94	4.2	2.3	1.5	8.3	2.7	--	--	4	3
WA-185	12-20-93	2.2	--	--	--	--	6	5	--	--
	03-24-94	0.2	2.9	1.2	8.1	2.0	--	--	8	6
WA-179	09-22-94	1.9	13	2.2	4.0	4.8	10	8	--	--

LOCAL IDENTIFIER	DATE	ALKALINITY LAB (MG/L AS CACO3) (90410)	SULFATE DISSOLVED (MG/L AS SO4) (00945)	CHLORIDE, DISSOLVED (MG/L AS CL) (00940)	FLUORIDE, DISSOLVED (MG/L AS F) (00950)	BROMIDE DISSOLVED (MG/L AS BR) (71870)	SILICA, DISSOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DISSOLVED (MG/L) (70300)	NITROGEN, NITRITE DISSOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 DISSOLVED (MG/L AS N) (00631)
WA-184	03-29-94	3.8	1.6	12	<0.10	0.050	8.8	63	0.010	3.90
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	6.1	15	15	<0.10	0.080	21	75	<0.010	<0.050
WA-179	09-22-94	7.8	15	12	<0.10	0.030	7.2	88	--	--

LOCAL IDENTIFIER	DATE	NITROGEN, AMMONIA DISSOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOSPHORUS DISSOLVED (MG/L AS P) (00666)	PHOSPHORUS ORTHO, DISSOLVED (MG/L AS P) (00671)	ALUMINUM, DISSOLVED (UG/L AS AL) (01106)	ANTIMONY, DISSOLVED (UG/L AS SB) (01095)	ARSENIC DISSOLVED (UG/L AS AS) (01000)	BARIUM, DISSOLVED (UG/L AS BA) (01005)	BERYLLIUM, DISSOLVED (UG/L AS BE) (01010)
WA-184	03-29-94	0.040	<0.20	<0.010	<0.010	--	--	--	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	0.020	<0.20	<0.010	<0.010	--	--	--	--	--
WA-179	09-22-94	--	--	--	--	90	<1	1	91	<1

LOCAL IDENTIFIER	DATE	CADMIUM DISSOLVED (UG/L AS CD) (01025)	CHROMIUM, DISSOLVED (UG/L AS CR) (01030)	COBALT, DISSOLVED (UG/L AS CO) (01035)	COPPER, DISSOLVED (UG/L AS CU) (01040)	IRON, DISSOLVED (UG/L AS FE) (01046)	LEAD, DISSOLVED (UG/L AS PB) (01049)	MANGANESE, DISSOLVED (UG/L AS MN) (01056)	MOLYBDENUM, DISSOLVED (UG/L AS MO) (01060)	NICKEL, DISSOLVED (UG/L AS NI) (01065)
WA-184	03-29-94	--	--	--	--	580	--	20	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	--	--	--	--	3700	--	28	--	--
WA-179	09-22-94	<1.0	<1	4	5	1100	3	120	<1	5

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

WAYNE COUNT--Continued

LOCAL IDENT-I-FIER	DATE	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	RADON 222 TOTAL (PCI/L) (82303)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)
WA-184	03-29-94	--	--	--	--	--	--	0.30	<0.009	<0.020
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	--	--	--	--	--	--	0.30	<0.009	<0.020
WA-179	09-22-94	<1	<1.0	120	1.6	<0.40	1000	0.80	<0.009	<0.005

LOCAL IDENT-I-FIER	DATE	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)
WA-184	03-29-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	<0.017	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004
WA-179	09-22-94	E0.007	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004

LOCAL IDENT-I-FIER	DATE	P,P' DDE DISSOLV (UG/L) (34653)	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)
WA-184	03-29-94	<0.010	<0.008	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	<0.010	<0.008	<0.020	<0.006	<0.02	<0.020	<0.005	<0.013	<0.012
WA-179	09-22-94	<0.010	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012

LOCAL IDENT-I-FIER	DATE	FONOFOS WATER DISS REC (UG/L) (04095)	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)
WA-184	03-29-94	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	<0.008	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010
WA-179	09-22-94	<0.008	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010

LOCAL IDENT-I-FIER	DATE	PARA-THION, DIS-SOLVED (UG/L) (39542)	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)
WA-184	03-29-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015
WA-179	09-22-94	<0.022	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

WAYNE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)
WA-184	03-29-94	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	<0.016	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012
WA-179	09-22-94	<0.016	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012

LOCAL IDENT-I-FIER	DATE	BENZENE TOTAL (UG/L) (34030)	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)
WA-184	03-29-94	--	--	--	--	--	--	--	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WA-179	09-22-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)
WA-184	03-29-94	--	--	--	--	--	--	--	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WA-179	09-22-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
WA-184	03-29-94	--	--	--	--	--	--	--	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--	--
	03-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WA-179	09-22-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
WA-184	03-29-94	--	--	--	--	--	--	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--
	03-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WA-179	09-22-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

WAYNE COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
WA-184	03-29-94	--	--	--	--	--	--	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--
	03-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WA-179	09-22-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
WA-184	03-29-94	--	--	--	--	--	--	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--
	03-24-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WA-179	09-22-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	2,2-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	1,1-DI CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
WA-184	03-29-94	--	--	--	--	--	--	--	--
WA-185	12-20-93	--	--	--	--	--	--	--	--
	03-24-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WA-179	09-22-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

WASHINGTON COUNTY

LOCAL IDENT-I-FIER	STATION NUMBER	GEO-LOGIC UNIT	DATE	TIME	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	DEPTH OF WELL, TOTAL (FEET) (72008)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE WATER (DEG C) (00010)
WS-103	355320076342401	110QPLC	12-21-93	1115	4.30	11.88	364	6.4	15.5
	355320076342401	110QPLC	04-25-94	1600	4.40	11.88	391	6.1	19.5
WS-105	354750076344501	110QPLC	04-27-94	1300	5.60	10.45	480	6.2	21.5
	354750076344501	110QPLC	05-26-94	1200	5.84	10.45	497	6.6	25.0
WS-104	355246076331501	124CSLH	04-27-94	1030	8.00	288.00	1320	7.5	18.0
WS-100	354418076463601	110QPLC	09-09-94	1045	3.19	15.53	86	5.9	20.0

LOCAL IDENT-I-FIER	DATE	OXYGEN, DIS-SOLVED (MG/L) (00300)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	BICAR-BONATE WATER WH IT FIELD MG/L AS HCO3 (00450)	ALKA-LINITY WAT WH TOT IT FIELD MG/L AS CACO3 (00419)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)
WS-103	12-21-93	2.6	--	--	--	--	--	--	155	127
	04-25-94	2.1	36	4.3	18	1.1	--	--	168	138
WS-105	04-27-94	2.3	--	--	--	--	--	--	129	106
	05-26-94	4.4	51	11	14	1.5	117	96	--	--
WS-104	04-27-94	4.9	--	--	--	--	--	--	--	--
WS-100	09-09-94	2.8	5.7	1.3	5.2	0.70	46	37	--	--

LOCAL IDENT-I-FIER	DATE	ALKA-LINITY LAB (MG/L AS CACO3) (90410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	BROMIDE DIS-SOLVED (MG/L AS BR) (71870)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)
WS-103	12-21-93	--	--	--	--	--	--	--	<0.010	<0.050
	04-25-94	132	15	27	0.10	--	57	308	0.020	1.10
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	73	120	19	0.40	0.55	80	418	<0.010	<0.050
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	22	0.20	6.7	<0.10	0.090	33	68	<0.010	0.074

LOCAL IDENT-I-FIER	DATE	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	PHOS-PHORUS ORTHO, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	ARSENIC DIS-SOLVED (UG/L AS AS) (01000)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
WS-103	12-21-93	0.310	0.90	0.060	0.050	--	--	--	--	--
	04-25-94	0.320	0.90	0.070	0.070	--	--	--	--	--
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	0.520	1.0	0.120	0.180	--	--	--	--	--
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	0.180	0.30	0.070	0.050	50	<1	<1	12	<1

LOCAL IDENT-I-FIER	DATE	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)
WS-103	12-21-93	--	--	--	--	--	--	--	--	--
	04-25-94	--	--	--	--	12000	--	93	--	--
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	--	--	--	--	32000	--	330	--	--
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<1.0	5	<1	<1	8500	10	100	<1	2

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

WASHINGTON COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	SELE-NIUM, DIS-SOLVED (UG/L AS SE) (01145)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	RADIUM 228 DIS-SOLVED (PCI/L AS RA-228) (81366)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC DIS-SOLVED (MG/L AS C) (00681)	ALA-CHLOR, WATER, DISS, REC, (UG/L) (46342)	DEETHYL ATRA-ZINE, WATER, DISS, REC (UG/L) (04040)	ATRA-ZINE, WATER, DISS, REC (UG/L) (39632)
WS-103	12-21-93	--	--	--	--	--	--	<0.009	<0.020	<0.017
	04-25-94	--	--	--	--	--	23	<0.009	<0.005	<0.017
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	--	--	--	--	--	25	<0.009	<0.005	<0.017
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<1	<1.0	25	<1.0	<0.40	3.6	<0.009	<0.007	<0.017

LOCAL IDENT-I-FIER	DATE	METHYL AZIN-PHOS WAT FLT 0.7 U GF, REC (UG/L) (82686)	BEN-FLUR-ALIN WAT FLD 0.7 U GF, REC (UG/L) (82673)	BUTYL-ATE, WATER, DISS, REC (UG/L) (04028)	CAR-BARYL WATER FLTRD 0.7 U GF, REC (UG/L) (82680)	CARBO-FURAN WATER FLTRD 0.7 U GF, REC (UG/L) (82674)	CHLOR-PYRIFOS DIS-SOLVED (UG/L) (38933)	CYANA-ZINE, WATER, DISS, REC (UG/L) (04041)	DCPA WATER FLTRD 0.7 U GF, REC (UG/L) (82682)	P,P' DDE DISSOLV (UG/L) (34653)
WS-103	12-21-93	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010
	04-25-94	<0.050	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004	<0.010
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	--	<0.013	<0.008	<0.046	<0.013	<0.008	<0.013	<0.004	<0.010
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.038	<0.013	<0.008	<0.046	<0.013	<0.005	<0.013	<0.004	<0.010

LOCAL IDENT-I-FIER	DATE	DI-AZINON, DIS-SOLVED (UG/L) (39572)	DI-ELDRIN DIS-SOLVED (UG/L) (39381)	2,6-DI-ETHYL ANILINE WAT FLT 0.7 U GF, REC (UG/L) (82660)	DIMETH-OATE WATER FLTRD 0.7 U GG, REC (UG/L) (82662)	DISUL-FOTON WATER FLTRD 0.7 U GF, REC (UG/L) (82677)	EPTC WATER FLTRD 0.7 U GF, REC (UG/L) (82668)	ETHAL-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82663)	ETHO-PROP WATER FLTRD 0.7 U GF, REC (UG/L) (82672)	FONOFOS WATER DISS REC (UG/L) (04095)
WS-103	12-21-93	<0.008	<0.020	0.050	<0.02	<0.020	<0.005	<0.013	<0.012	<0.008
	04-25-94	<0.008	<0.008	0.049	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	<0.008	<0.008	<0.006	<0.02	<0.060	<0.005	<0.013	<0.012	<0.008
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.008	<0.008	<0.006	--	<0.060	<0.005	<0.013	<0.012	<0.008

LOCAL IDENT-I-FIER	DATE	ALPHA BHC DIS-SOLVED (UG/L) (34253)	LINDANE DIS-SOLVED (UG/L) (39341)	LIN-URON WATER FLTRD 0.7 U GF, REC (UG/L) (82666)	MALA-THION, DIS-SOLVED (UG/L) (39532)	METO-LACHLOR WATER DISSOLV (UG/L) (39415)	METRI-BUZIN SENCOR WATER DISSOLV (UG/L) (82630)	MOL-INATE WATER FLTRD 0.7 U GF, REC (UG/L) (82671)	NAPROP-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82684)	PARA-THION, DIS-SOLVED (UG/L) (39542)
WS-103	12-21-93	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010	<0.022
	04-25-94	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	<0.007	<0.011	<0.039	<0.014	<0.009	<0.012	<0.007	<0.010	<0.022
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.007	<0.011	<0.039	<0.010	<0.009	<0.012	<0.007	<0.010	<0.022

LOCAL IDENT-I-FIER	DATE	METHYL PARA-THION WAT FLT 0.7 U GF, REC (UG/L) (82667)	PEB-ULATE WATER FILTRD 0.7 U GF, REC (UG/L) (82669)	PENDI-METH-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82683)	PER-METHRIN CIS WAT FLT 0.7 U GF, REC (UG/L) (82687)	PHORATE WATER FLTRD 0.7 U GF, REC (UG/L) (82664)	PRON-AMIDE WATER FLTRD 0.7 U GF, REC (UG/L) (82676)	PRO-METON, WATER, DISS, REC (UG/L) (04037)	PROP-CHLOR, WATER, DISS, REC (UG/L) (04024)	PRO-PANIL WATER FLTRD 0.7 U GF, REC (UG/L) (82679)
WS-103	12-21-93	<0.035	<0.009	<0.018	<0.016	<0.020	<0.009	<0.008	<0.015	<0.016
	04-25-94	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.035	<0.009	<0.018	<0.016	<0.011	<0.009	<0.008	<0.015	<0.016

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

WASHINGTON COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	PRO-PARGITE WATER FLTRD 0.7 U GF, REC (UG/L) (82685)	SI-MAZINE, WATER, DISS, REC (UG/L) (04035)	THIO-BENCARB WATER FLTRD 0.7 U GF, REC (UG/L) (82681)	TEBU-THIURON WATER FLTRD 0.7 U GF, REC (UG/L) (82670)	TER-BACIL WATER FLTRD 0.7 U GF, REC (UG/L) (82665)	TER-BUFOS WATER FLTRD 0.7 U GF, REC (UG/L) (82675)	TRIAL-LATE WATER FLTRD 0.7 U GF, REC (UG/L) (82678)	TRI-FLUR-ALIN WAT FLT 0.7 U GF, REC (UG/L) (82661)	BENZENE TOTAL (UG/L) (34030)
WS-103	12-21-93	<0.010	<0.010	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	--
	04-25-94	<0.008	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	<0.008	<0.008	<0.008	<0.015	--	<0.012	<0.008	<0.012	<0.200
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.006	<0.008	<0.008	<0.015	<0.030	<0.012	<0.008	<0.012	<0.200

LOCAL IDENT-I-FIER	DATE	1,2,3-TRI-CHLORO BENZENE WAT, WH REC (UG/L) (77613)	BENZENE 1,2,4-TRI-CHLORO-WAT UNF REC (UG/L) (34551)	BENZENE 124-TRI METHYL UNFILT RECOVER (UG/L) (77222)	BENZENE O-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34536)	BENZENE 135-TRI METHYL WATER UNFLTRD REC (UG/L) (77226)	BENZENE 1,4-DI-CHLORO-WATER UNFLTRD REC (UG/L) (34571)	O-CHLORO-TOLUENE WATER WHOLE TOTAL (UG/L) (77275)	TOLUENE P-CHLOR WATER UNFLTRD REC (UG/L) (77277)	ISO-PROPYL-BENZENE WATER WHOLE REC (UG/L) (77223)
WS-103	12-21-93	--	--	--	--	--	--	--	--	--
	04-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BROMO-BENZENE WATER, WHOLE, TOTAL (UG/L) (81555)	CHLORO-BENZENE TOTAL (UG/L) (34301)	XYLENE WATER UNFLTRD REC (UG/L) (81551)	ETHYL-BENZENE TOTAL (UG/L) (34371)	P-ISO-PROPYL-TOLUENE WATER WHOLE REC (UG/L) (77356)	TOLUENE TOTAL (UG/L) (34010)	BENZENE N-BUTYL WATER UNFLTRD REC (UG/L) (77342)	BENZENE N-PROPY WATER UNFLTRD REC (UG/L) (77224)	BENZENE SEC BUTYL-WATER UNFLTRD REC (UG/L) (77350)
WS-103	12-21-93	--	--	--	--	--	--	--	--	--
	04-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-105	04-27-94	--	--	--	--	--	--	--	--	--
	05-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-104	04-27-94	--	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	BENZENE TERT-BUTYL-WATER UNFLTRD REC (UG/L) (77353)	ETHANE, 1112-TETRA-CHLORO-WAT UNF REC (UG/L) (77562)	1,1,1-TRI-CHLORO-ETHANE TOTAL (UG/L) (34506)	ETHANE, 1,1,2,2 TETRA-CHLORO-WAT UNF REC (UG/L) (34516)	1,1,2-TRI-CHLORO-ETHANE TOTAL (UG/L) (34511)	1,1-DI-CHLORO-ETHANE TOTAL (UG/L) (34496)	1,2-DIBROMO ETHANE WATER WHOLE TOTAL (UG/L) (77651)	1,2-DI-CHLORO-ETHANE TOTAL (UG/L) (32103)
WS-103	12-21-93	--	--	--	--	--	--	--	--
	04-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-105	04-27-94	--	--	--	--	--	--	--	--
	05-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-104	04-27-94	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	CHLORO-ETHANE TOTAL (UG/L) (34311)	FREON-113 WATER UNFLTRD REC (UG/L) (77652)	1,1-DI-CHLORO-ETHYL-ENE TOTAL (UG/L) (34501)	VINYL CHLO-RIDE TOTAL (UG/L) (39175)	CIS-1,2-DI-CHLORO-ETHENE WATER TOTAL (UG/L) (77093)	TETRA-CHLORO-ETHYL-ENE TOTAL (UG/L) (34475)	1,2-TRANSDI CHLORO-ETHENE TOTAL (UG/L) (34546)	TRI-CHLORO-ETHYL-ENE TOTAL (UG/L) (39180)
WS-103	2-21-93	--	--	--	--	--	--	--	--
	04-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-105	04-27-94	--	--	--	--	--	--	--	--
	05-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-104	04-27-94	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	--	<0.200	<0.200

ANALYSES OF SAMPLES COLLECTED AT WATER-QUALITY MISCELLANEOUS SAMPLING SITES

WATER QUALITY DATA, AUGUST 1993 TO SEPTEMBER 1995

WASHINGTON COUNTY--Continued

LOCAL IDENT-I-FIER	DATE	HEXA-CHLORO-BUT-ADIENE TOTAL (UG/L) (39702)	METHYL-BROMIDE TOTAL (UG/L) (34413)	METHANE BROMO CHLORO-WAT UNFLTRD REC (UG/L) (77297)	METHYL-CHLO-RIDE TOTAL (UG/L) (34418)	DI-BROMO-METHANE WATER WHOLE RECOVER (UG/L) (30217)	CHLORO-DI-BROMO-METHANE TOTAL (UG/L) (32105)	METHYL-ENE CHLO-RIDE TOTAL (UG/L) (34423)	DI-CHLORO-BROMO-METHANE TOTAL (UG/L) (32101)
WS-103	12-21-93	--	--	--	--	--	--	--	--
	04-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-105	04-27-94	--	--	--	--	--	--	--	--
	05-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-104	04-27-94	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.200	<0.200	<0.200	--	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DI-CHLORO-DI-FLUORO-METHANE TOTAL (UG/L) (34668)	CARBON-TETRA-CHLO-RIDE TOTAL (UG/L) (32102)	BROMO-FORM TOTAL (UG/L) (32104)	CHLORO-FORM TOTAL (UG/L) (32106)	TRI-CHLORO-FLUORO-METHANE TOTAL (UG/L) (34488)	METHYL TERT-BUTYL ETHER WAT UNF REC (UG/L) (78032)	NAPHTH-ALENE TOTAL (UG/L) (34696)	123-TRI CHLORO-PROPANE WATER WHOLE TOTAL (UG/L) (77443)
WS-103	12-21-93	--	--	--	--	--	--	--	--
	04-25-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-105	04-27-94	--	--	--	--	--	--	--	--
	05-26-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-104	04-27-94	--	--	--	--	--	--	--	--
WS-100	09-09-94	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

LOCAL IDENT-I-FIER	DATE	DIBROMO CHLORO-PROPANE WATER WHOLE TOT.REC (UG/L) (82625)	1,2-DI-CHLORO-PROPANE TOTAL (UG/L) (34541)	2,2-DI 1,3-DI-CHLORO-PROPANE WAT. WH TOTAL (UG/L) (77173)	1,1-DI CHLORO-PRO-PANE WAT, WH TOTAL (UG/L) (77170)	CHLORO-PRO-PENE, WAT, WH TOTAL (UG/L) (77168)	CIS 1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34704)	TRANS-1,3-DI-CHLORO-PROPENE TOTAL (UG/L) (34699)	STYRENE TOTAL (UG/L) (77128)
WS-103	12-21-93	--	--	--	--	--	--	--	--
	04-25-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-105	04-27-94	--	--	--	--	--	--	--	--
	05-26-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
WS-104	04-27-94	--	--	--	--	--	--	--	--
WS-100	09-09-94	<1.00	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200

* U.S. GOVERNMENT PRINTING OFFICE: 1996-746-141/40018

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
	Length	
inch (in.)	2.54×10^{1}	millimeter
	2.54×10^{-2}	meter
foot (ft)	3.048×10^{-1}	meter
mile (mi)	1.609×10^{0}	kilometer
	Area	
acre	4.047×10^{3}	square meter
	4.047×10^{-1}	square hectometer
	4.047×10^{-3}	square kilometer
square mile (mi^2)	2.590×10^{0}	square kilometer
	Volume	
gallon (gal)	3.785×10^{0}	liter
	3.785×10^{0}	cubic decimeter
	3.785×10^{-3}	cubic meter
million gallons (Mgal)	3.785×10^{3}	cubic meter
	3.785×10^{-3}	cubic hectometer
cubic foot (ft^3)	2.832×10^{1}	cubic decimeter
	2.832×10^{-2}	cubic meter
cubic-foot-per-second day [(ft^3/s) d]	2.447×10^{3}	cubic meter
	2.447×10^{-3}	cubic hectometer
acre-foot (acre-ft)	1.233×10^{3}	cubic meter
	1.233×10^{-3}	cubic hectometer
	1.233×10^{-6}	cubic kilometer
	Flow	
cubic foot per second (ft^3/s)	2.832×10^{1}	liter per second
	2.832×10^{1}	cubic decimeter per second
	2.832×10^{-2}	cubic meter per second
gallon per minute (gal/min)	6.309×10^{-2}	liter per second
	6.309×10^{-2}	cubic decimeter per second
	6.309×10^{-5}	cubic meter per second
million gallons per day (Mgal/d)	4.381×10^{1}	cubic decimeter per second
	4.381×10^{-2}	cubic meter per second
	Mass	
ton (short)	9.072×10^{-1}	megagram or metric ton

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

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