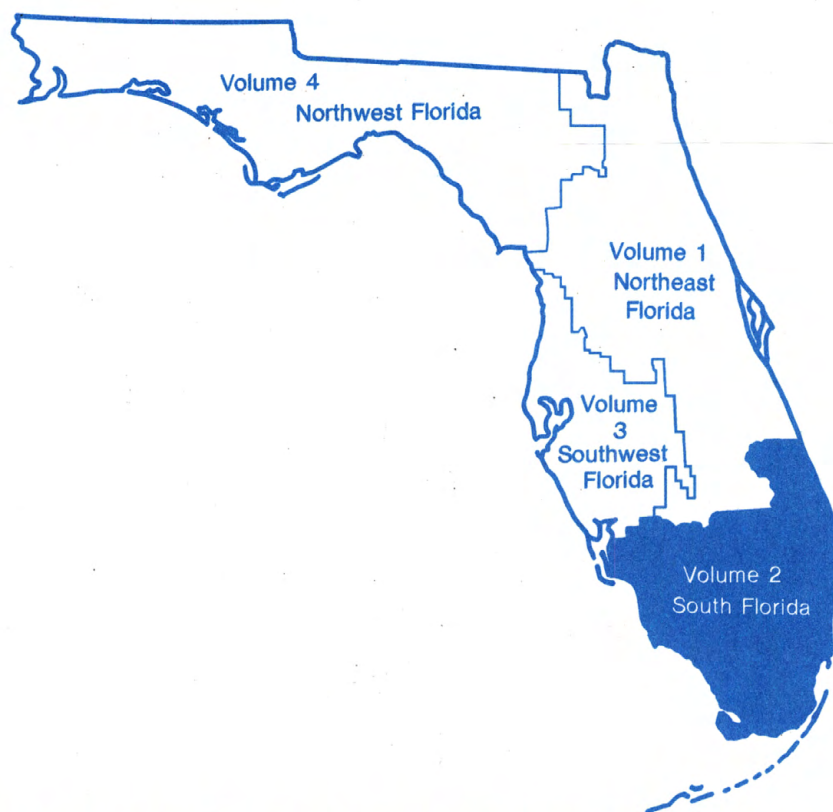


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Water Resources Data Florida Water Year 1993

Volume 2B. South Florida Ground Water



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-93-2B

Prepared in cooperation with the State of Florida
and with other agencies

CALENDAR FOR WATER YEAR 1993

1992

OCTOBER

S	M	T	W	T	F	S
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1993

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AUGUST

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SEPTEMBER

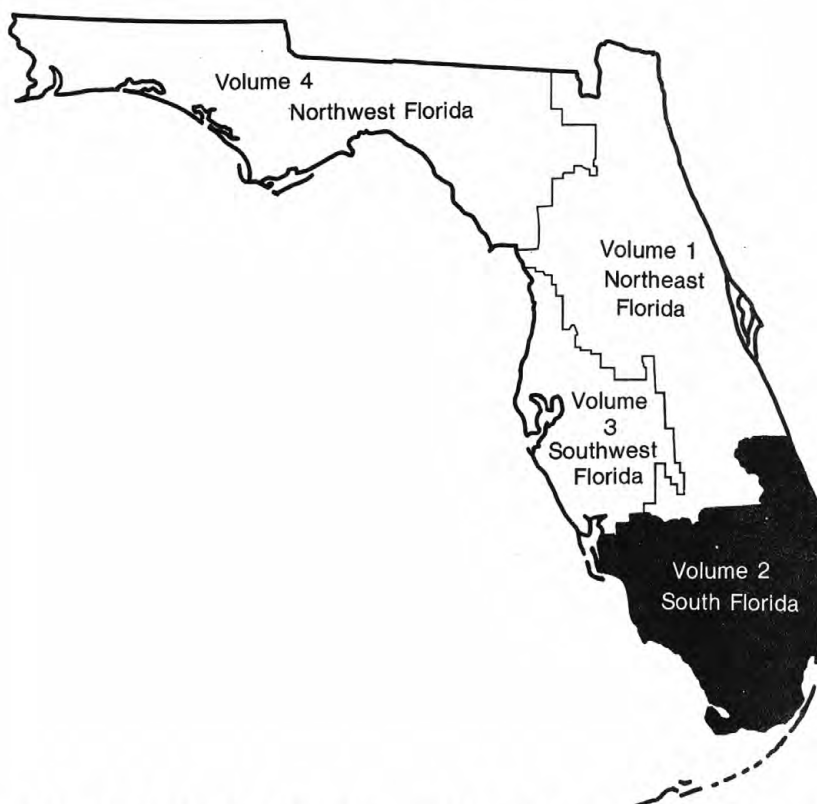
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Water Resources Data Florida Water Year 1993

Volume 2B. South Florida Ground Water

by C. Lietz, H. LaRose, and T. Richards



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-93-2B

Prepared in cooperation with the State of Florida
and with other agencies

U.S. DEPARTMENT OF THE INTERIOR

BRUCE BABBIT, Secretary

U.S. GEOLOGICAL SURVEY

GORDON EATON, Director

**Prepared in cooperation with the
State of Florida
and with other agencies as listed
under cooperation**

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VOLUME 2B: SOUTH FLORIDA

PREFACE

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

Volume 1.	Northeast Florida
Volume 2.	South Florida
Volume 3.	Southwest Florida
Volume 4.	Northwest Florida

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. This report was prepared for publication by the Hydrologic Records Section under the supervision of R. E. Curtis, A. C. Lietz, and E. C. Price. N. Verjano, was the primary person responsible for the compilation of the data 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.

Miami Subdistrict Office

J. B. Barbary	N. Keppie	E. Patino
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F. R. Keene	M.A. Oliver	D. K. Williams
G. Karavitis	J. B. Overholser	

This report was prepared in cooperation with the State of Florida and with other agencies under the general supervision of John Vecchioli, District Chief, Florida.

Hydrologic data for south Florida are contained in two volumes:

Volume 2A: Surface Water
Volume 2B: Ground Water

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16. Abstract (Limit: 200 words) Water resources data for 1993 water year in Florida consists of continuous or daily discharge for 312 streams, periodic discharge for 9 streams, miscellaneous discharge for 107 streams, continuous or daily stage for 91 streams, periodic stage for 0 streams, peak discharge for 30 streams, continuous daily tide stage for 9 streams, and peak stage for 21 streams, continuous or daily elevations for 41 lakes, periodic elevations for 73 lakes; continuous ground-water levels for 406 wells, periodic ground-water levels for 569 wells, and miscellaneous water level measurements for 1,860 wells; quality of water data for 109 surface-water sites and 642 wells. The data for South Florida included continuous or daily discharge for 75 streams, continuous or daily stage for 54 streams, peak stage discharge for 1 stream, continuous elevation for 1 lake; continuous ground-water levels for 203 wells, periodic ground-water levels for 299 wells and miscellaneous water-level measurements for 462 wells; quality-of-water for 3 surface-water sites and 545 wells. The data represent the National Water Data System records collected by the U.S. Geological Survey and cooperation with local, state, and federal agencies in Florida.			13. Type of Report & Period Covered	
17. Document Analysis a. Descriptors *Florida, *Hydrologic data, *Surface Water, *Ground Water, *Water Quality, Flow rate, Gaging Stations, Lakes, Reservoirs, Chemical analyses, Sediments, Water temperatures, Sampling sites, Water levels, Water analyses, Elevations, Water wells b. Identifiers/Open-Ended Terms c. COSATI Field/Group			14.	
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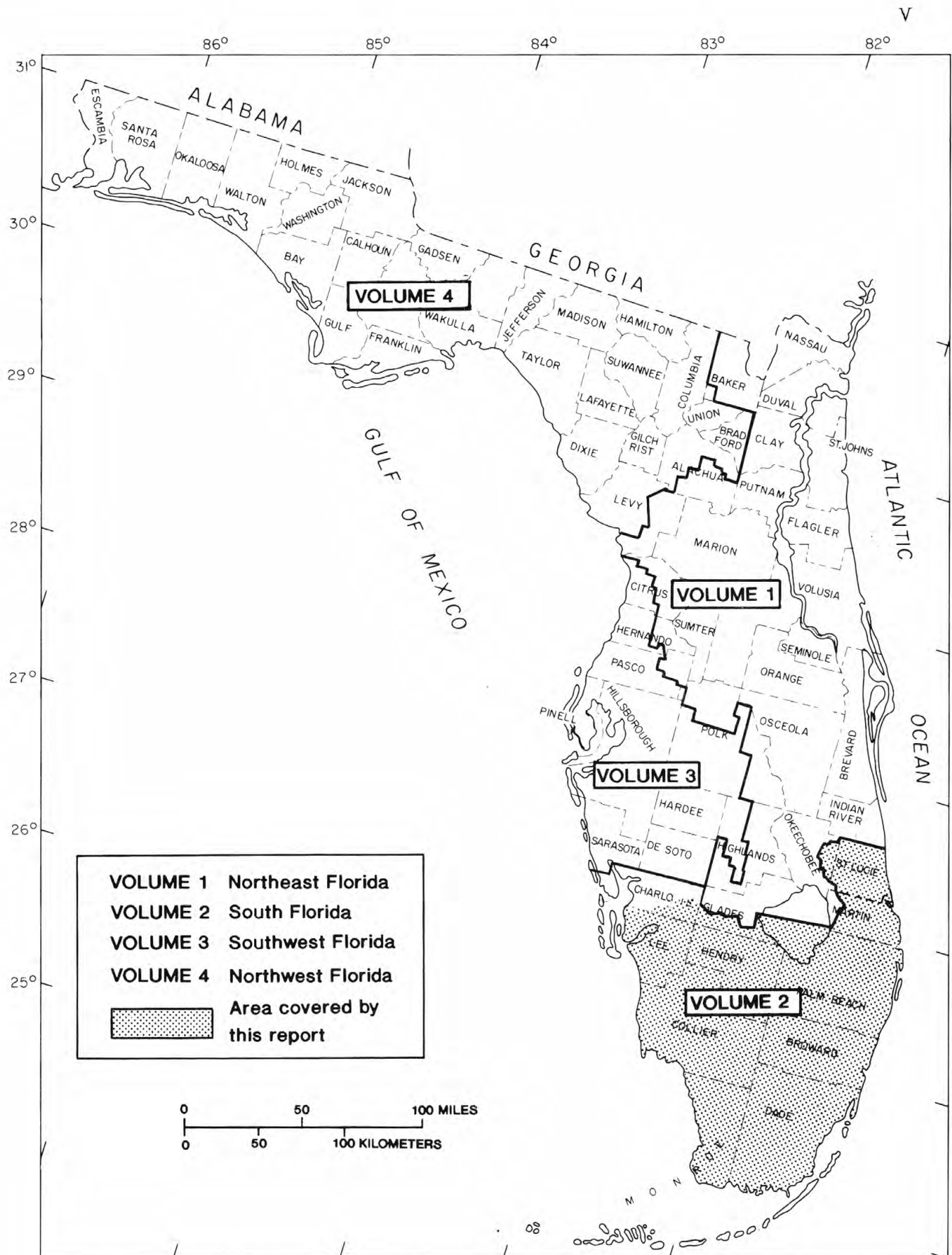


Figure 1. Geographic area covered by this report

WATER RESOURCES DATA - FLORIDA, 1993
VOLUME 2B: SOUTH FLORIDA

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VOLUME 2B: SOUTH FLORIDA

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INTRODUCTION

The Water Resources Division of the U.S. Geological Survey, in cooperation with State, County, and other Federal agencies, obtains a large amount of data pertaining to the water resources of Florida each water year. These data, accumulated during many water years, constitute a valuable data base for developing an improved understanding of the water resources of the State. To make these data readily available to interested parties outside the Geological survey, the data are published annually in this report series entitled "Water Resources Data - Florida, Volume 2A: South Florida Surface Water and Volume 2B: South Florida Ground Water."

This report series includes records of stage, discharge, ground-water levels, and water quality of streams and stage, contents, and water quality of lakes, ground-water wells. The data for south Florida include continuous or daily discharge for 75 streams, continuous or daily stage for 54 streams, and peak stage for 1 stream; continuous elevations for 1 lake; continuous ground-water levels for 203 wells, periodic ground-water levels for 299 wells, and miscellaneous water-level measurements for 462 wells; quality-of-water data for 3 surface-water sites and 545 wells.

This series of annual reports for Florida began with the 1961 water year with a report that contained only data relating to the quantities of surface water. For the 1964 water year, a similar report was introduced that contained only data relating to water quality. Beginning with the 1975 water year, the report format was changed to present, in one volume, data on quantities of surface water, quality of surface and ground water, and ground- water levels.

Prior to introduction of this series and for several water years concurrent with it, water-resources data for Florida were published in U.S. Geological Survey Water-Supply Papers. Data on stream discharge and stage and on lake or reservoir contents and stage, through September 1960, were published annually under the title "Surface-Water Supply of the United States." For the 1961 through 1970 water years, the data were published in two 5-year reports. Data on chemical quality, temperature, and suspended sediment for the 1941 through 1970 water years were published annually under the title "Quality of Surface Waters of the United States," and water levels for the 1935 through 1974 water years were published under the title "Ground-Water Levels in the United States." The above mentioned Water-Supply Papers may be consulted in the libraries of the principal cities of the United States and may be purchased from Distribution Branch, Text Products Section, U.S. Geological Survey, Books and Open-File Reports, Federal Center, Building 41, Box 25425, Denver, CO 80225.

Publications similar to this report are published annually by the Geological Survey for all States. These official Survey reports have 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 volume is identified as "U.S. Geological Survey Water-Data Report FL-93-2B." For archiving and general distribution, the reports for 1971-74 water years also are identified as water-data reports. These water-data reports are for sale in paper copy or in microfiche by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current year for the entire nation, including Puerto Rico and the Trust Territories will be reproduced on a single CD-ROM disc.

Additional information, including current prices, for ordering specific reports may be obtained from the Office Chief at the address given on the back of the title page or by telephone (305) 526-2895. A limited number of CD-ROM discs will be available for sale by the Books and Open-File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

WATER RESOURCES DATA - FLORIDA, 1993

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COOPERATION

The U.S. Geological Survey and agencies of the State of Florida have had cooperative agreements for the collection of water-resource records since 1930. Organizations that assisted in collecting the data in this report through cooperative agreement with the Survey are:

Broward County Environmental Quality Control Board	Florida Department of Environmental Regulation
Broward County Utilities Division	Florida Department of Transportation
City of Boca Raton	Florida Division of Parks and Recreation
City of Cape Coral	Florida Keys Aqueduct Authority
City of Fort Lauderdale	Miami-Dade Water and Sewer Authority
City of Hallandale	National Aeronautics and Space Administration
City of Hollywood	National Park Service, U.S. Department of the Interior
City of Pompano Beach	Palm Beach County Solid Waste Authority
City of Stuart	Reedy Creek Improvement District
Corps of Engineers, U.S. Army	South Dade Soil and Water Conservation District
County of Broward	South Florida Water Management District
County of Dade	Town of Highland Beach
County of Lee	U.S. Air Force
County of Palm Beach	U.S. Environmental Protection Agency

Assistance with funds or services was given by the U.S. Army Corps of Engineers, Jacksonville District, in collecting records at hydrologic stations throughout the Subdistrict.

Organizations that provided data are acknowledged in station descriptions.

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SUMMARY OF HYDROLOGIC CONDITIONS

In South Florida, October was a very dry month. Only 30% of normal rains fell across South Florida. Lake Okeechobee declined slightly and was below its schedule elevation of around 17.25 ft. but over a foot above its normal level. Water supply releases from the lake increased gradually due to the lack of rainfall. The Caloosahatchee River (02292900

S-79) discharged excess water released from Lake Okeechobee, into the Gulf during the first three weeks of the month and was replenished by releases from Lake Okeechobee during the remainder of the month. Pumping was performed in the Everglades Agricultural Area(EAA) at S-5A (02278450), S-6 (02281200), S-7 (02284300) and S-8 (02286700) during the first 2 weeks to provide water for the lower east coast and Everglades National Park. S-5A and S-6, pump water into Conservation Area No. 1, S-7 pumps water into Conservation Area No. 2A, and S-8 pumps water into Conservation Area 3A. Pump station S-332 (252523080352500) operated at its maximum capacity to discharge water into Florida Bay. S-12 structures (02289040) combined flow showed maximum releases all month. Releases were resumed through S-333.

More rain occurred during November than October. Lake Okeechobee held near the same level as in October, during the month. Water supply releases were made from St. Lucie Canal at S-308 (02276870) and the Caloosahatchee River at S-77 (02292000). Excess water was released into the Gulf through S-79 on Caloosahatchee River during the latter part of the month. Most of the water supply releases from Lake Okeechobee into the EAA were made early in November. Flood control pumping in the EAA was performed mainly between the 7th and 27th. All Water Conservation Areas were above scheduled levels. Sometime during the month releases were made to elevate water levels to the required elevations for the areas. The lower east coast received extremely heavy rain during November. Local flooding was reported in Dade and Palm Beach counties. Pumping station S-332 again was operated at its maximum capacity. The S-12 structures released water into Shark River Slough in Everglades National Park all month.

Lake Okeechobee declined slightly and water conservation areas declined gradually during December. The lower east coast received below normal rainfall, especially in Dade and Palm Beach Counties. S-12 structures and S-333 continued to release water all month. S332 operated at its maximum available capacity to discharge water into Florida Bay.

Lake Okeechobee remained at a fairly constant level during January. Pumping occurred into the lake at S-2 (02283498) and S-3 (02286400) during the month along with significant releases from the lake into the canals after the 13th. Pumping occurred during the entire month at S-5A complex into Conservation Area No.1, allowing this area's water level to decline only slightly during the month. Heavy pumping from the EAA occurred at S-6, S-7 and S-8 during the month to Conservation Area 2A. Discharge increased steadily through the S-12 structures during January.

Heavy regulatory releases were made during February from Lake Okeechobee from S-308, S-77, S-351, S-354, S-352 into the 3 Water Conservation Areas and into the ocean, lowering the lake nearly 0.50 ft. Water being released from Lake Okeechobee was moved into the Conservation Areas by pumping at S-5A, S-6, S-7 and S-8. On the 18th pumping stopped at S-5A, and on the 26th, pumping was terminated at S-6. All canals were maintained at their optimum stage range. The main water supply releases were through S-332 into Florida Bay. S-12 and S-333 were operated at their maximum capacity.

March brought above normal rains to South Florida except the Caloosahatchee River Basin and the Everglades Agricultural Areas which were near normal. Lake Okeechobee declined gradually during the first half of the month. Special emphasis was placed on moving water south, to the WCA's and eventually into Florida Bay. Heavy releases occurred at S-351 early in the month and after the 23rd. Most of the pumping at S-5A, S-6, S-7 and S-8 from the Everglades Agricultural Area, occurred during the last half of the month.

Due to the high stage in Lake Okeechobee during April, releases were made all month. Continued emphasis was placed on moving water south, to the WCA's and eventually into Florida Bay. S-12 and S-333 operated at their maximum capacity due to high water level in WCA 3A and to release water into Shark River Slough.

While May typically begins the transition from the dry season to the wet season, this was delayed due to persistent high pressure systems that moved over South Florida. Stages in all WCA's and Lake Okeechobee declined during this dry period. The 1993 Hurricane Season, on the other hand, got off to an early start as Tropical Depression no. 1 developed in late May and brought rains to the area near the end of the month. As a result, Lake Okeechobee ended the month more than one foot above its normal level. Releases were made into the EAA during most of the month except the last 3 days. Pumping occurred at S-5A, S-6, S-7 and S-8 only during the last 3 days of the month. Because of the declining stage of WCA 3 and lack of rain, releases from S-12 and S-333 were reduced.

June continued to be a relatively dry month as two tropical systems focused moisture elsewhere. Lake Okeechobee declined about a quarter of a foot during the month, but remained above normal. S-12 and S-333 were operated all month.

During July, Lake Okeechobee declined significantly but still remained above normal. The South Florida Water Management District began the Taylor Slough Demonstration Project test on the 1st. The project consisted of modified water deliveries to Taylor Slough by use of a 100 cfs temporary pump used at S-332. The USGS did not monitor the

WATER RESOURCES DATA - FLORIDA, 1993

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discharge from this pump. S-12 continued to operate, discharging into Shark River Slough.

August was a relatively dry month. A lack of tropical waves and associated moisture continued to inhibit typical wet season rains during the month. Lake Okeechobee declined in August and was just above 13.50 ft. near the end of the month. No releases were made from S-5A, S-6, S-7 and S-8 after the first few days in August. In response to Hurricane Emily, the SFWMD followed major storm procedures for the structures. The SFWMD continued to make maximum releases into Taylor Slough.

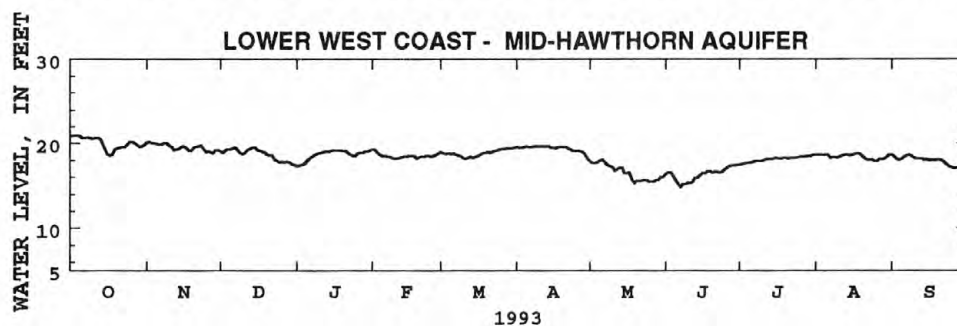
Rainfall occurred on a regular basis during September over South Florida, but lack of rain events from tropical systems kept rainfall totals below average. Lake Okeechobee rose in September, reversing the decline in the last several months. Water supply releases from the lake were minimal during September. To increase the amount of discharges in Taylor Slough, the SFWMD installed a second 100 cfs temporary pump at S-332, as planned in the Taylor Slough Demonstration Project test. The USGS did not monitor this discharge. Water supply releases were not required into the EAA all month. Pumping occurred during the first half of the month at S-5A, S-6, S-7 and S-8. Releases through S-12 and S-333 increased in September.

The relation of period of record mean annual discharge to mean discharge for the current year for representative stations is given below.

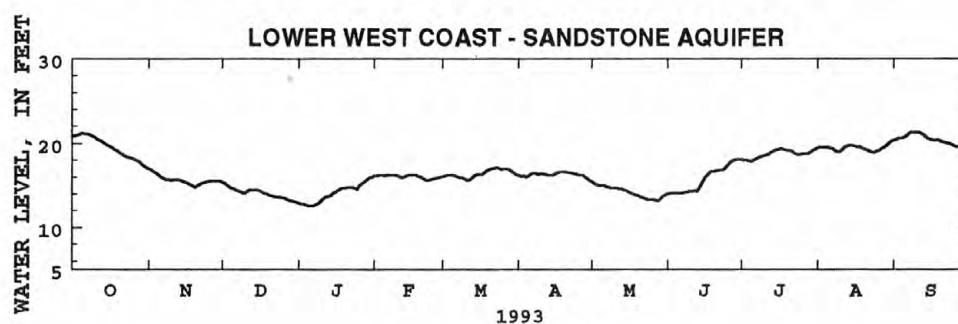
		MEAN ANNUAL DISCHARGE		MEAN DISCHARGE FOR 1993	
STATION	STATION NAME Stations that release water from Lake Okeechobee Into the Everglades Agricultural Area	BASE PERIOD	(FT ³ /S)	(FT ³ /S)	DEPARTURE FROM MEAN %
02278000	WEST PALM BEACH CANAL AT S352	1940 - 1993	156	264	+69
02283498	NORTH NEW RIVER CANAL AT S-2 AND S351	1968 - 1993	139	602	+333
02286400	MIAMI CANAL AT S-354 AND S-3 AT LAKE HARBOR, FL	1958 - 1993	69	472	+584
02292000	CALOOSAHATCHEE CANAL NR MOORE HAVEN	1939 - 1993	829	719	-13
		MEAN ANNUAL DISCHARGE		MEAN DISCHARGE FOR 1993	
STATION	STATION NAME Stations that pump water out of Everglades Agricultural Area Into the Water Conservation Areas	BASE PERIOD	(FT ³ /S)	(FT ³ /S)	DEPARTURE FROM MEAN %
02278450	WEST PALM BEACH CANAL ABV S-5A, NR LOX. FL	1958 - 1993	395	563	+43
02284300	NORTH NEW RIVER CANAL AT S-7, AT TERRYTOWN, FL	1960 - 1982 1991 - 1993	222	673	+222
		MEAN ANNUAL DISCHARGE		MEAN DISCHARGE FOR 1993	
STATION	STATION NAME Stations that release water Into Shark River Slough In Everglades National Park	BASE PERIOD	(FT ³ /S)	(FT ³ /S)	DEPARTURE FROM MEAN %
02289040	TAMIAMI CANAL OUTLETS L67A TO 40 MILE BEND NR MIAMI	1964 - 1993	685	1540	+96
		MEAN ANNUAL DISCHARGE		MEAN DISCHARGE FOR 1993	
STATION	STATION NAME Stations that release water Into Taylor Slough	BASE PERIOD	(FT ³ /S)	(FT ³ /S)	DEPARTURE FROM MEAN %
252523080- 352500	LEVEE 31W CANAL ABV S-332 NR FLORIDA CITY, FL	1984 - 1993	65	163	+1 51

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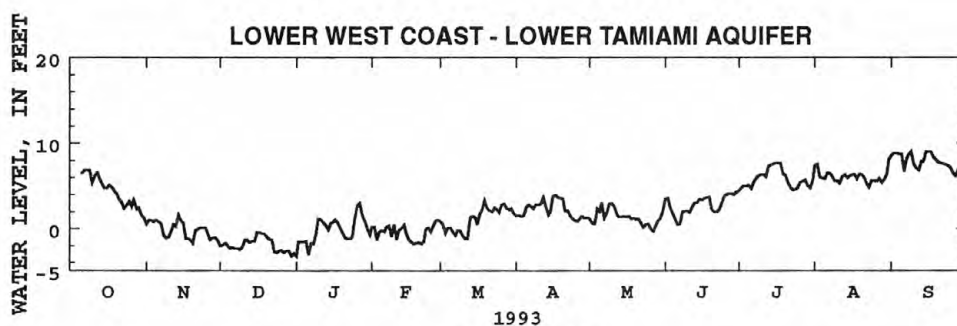
THE FOLLOWING HYDROGRAPHS REPRESENT THE AQUIFERS OF SOUTH FLORIDA.



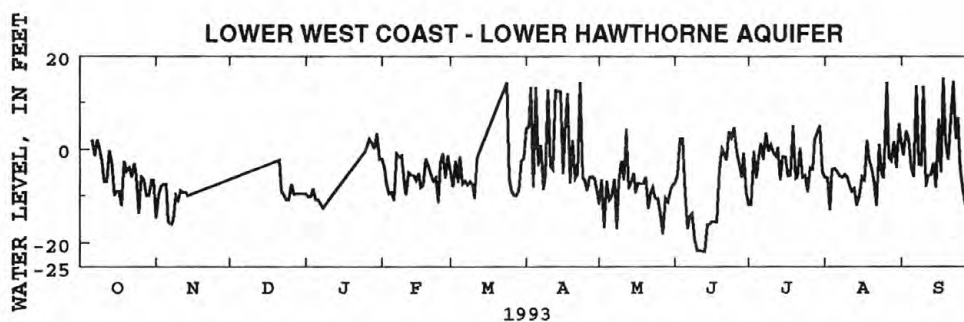
WATER YEAR
263251081452801 L - 1993 MAXIMUM DAILY ELEVATION (FT NGVD)



WATER YEAR
263335081394301 L - 729 MAXIMUM DAILY ELEVATION (FT NGVD)



WATER YEAR
262042081455001 L - 1691 MAXIMUM DAILY ELEVATION (FT NGVD)

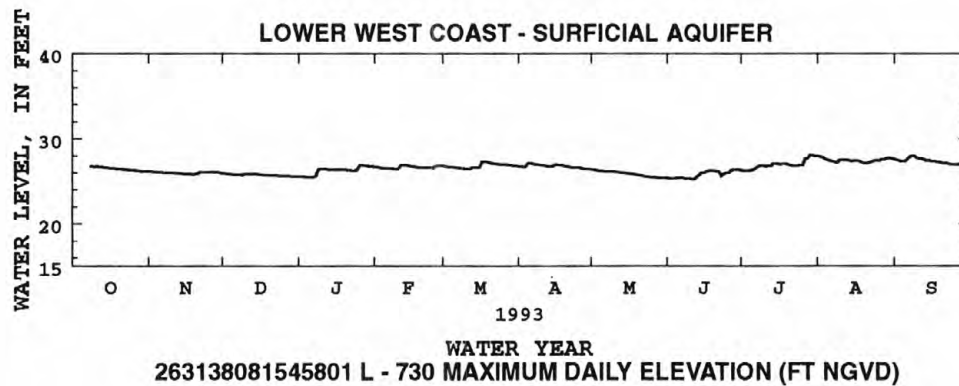
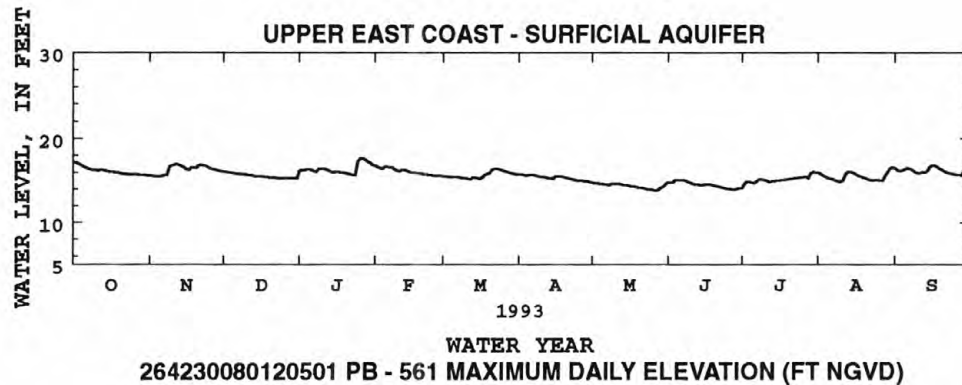
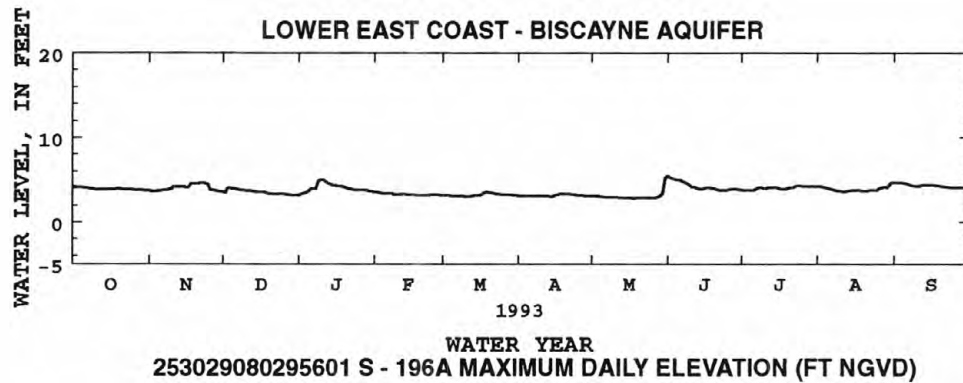


WATER YEAR
263526082010201 L - 2434 MAXIMUM DAILY ELEVATION (FT NGVD)

WATER RESOURCES DATA - FLORIDA, 1993

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THE FOLLOWING HYDROGRAPHS REPRESENT THE AQUIFERS OF SOUTH FLORIDA.



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SPECIAL NETWORKS AND PROGRAMS

Hydrologic Bench-Mark Network is a network of 57 sites in small drainage basins around the country whose purpose is to provide consistent data on the hydrology, including water quality, and related factors in representative undeveloped watersheds nationwide, and to provide analyses on a continuing basis to compare and contrast conditions observed in basins more obviously affected by the activities of man.

National Stream Quality Accounting Network (NASQAN) is a nationwide data-collection network designed by the U.S. Geological Survey to meet many of the information needs of government agencies and other groups involved in natural or regional water-quality planning and management. The 500 or so sites in NASQAN are generally located at the downstream ends of hydrologic accounting units designated by the U.S. Geological Survey Office of Water Data Coordination in consultation with the Water Resources Council.

The objectives of NASQAN are (1) to obtain information on the quality and quantity of water moving within and from the United States through a systematic and uniform process of data collection, summarization, analysis, and reporting such that the data may be used for, (2) description of the areal variability of water quality in the Nation's rivers through analysis of data from this and other programs, (3) detection of changes or trends with time in the pattern of occurrence of water-quality characteristics, and (4) providing a nationally consistent data base useful for water-quality assessment and hydrologic research. The NASQAN stations in Florida are shown in figure 2.

The National Trends Network (NTN) is a 150-station network for sampling atmospheric deposition in the United States. The purpose of the network is to determine the variability, both in location and in time, of the composition of atmospheric deposition, which includes snow, rain, dust particles, aerosols, and gases. The core from which the NTN was built was the already-existing deposition-monitoring network of the National Atmospheric Deposition Program (NADP).

The National Water-Quality Assessment (NAWQA) Program is a long-term U.S. Geological Survey effort to determine the status of water quality in a large, representative part of the Nation's surface- and ground-water resources, and to provide scientific understanding of primary natural and human influences on the quality of these resources. To accomplish this objective, 60 study units ranging in size from 1,200 to 60,000 square miles were chosen for intensive data collection and interpretive study. About 60 percent of the Nation's publicly supplied water use occur within these study units. Three of these study units, the Apalachicola-Chattahoochee-Flint Study Unit, the Georgia-Florida Coastal Plain Study Unit, and the Southern Florida Study Unit (not yet in data-collection phase), are partly or wholly within Florida. Extensive, multi-purpose surface- and ground-water sampling will be performed within each study unit and the majority of these data will be presented in a separate series of reports. However, data for a limited number of NAWQA surface-water stations where streamflow and water-quality data are collected on a routine basis (usually monthly) have been included in the appropriate volume of the annual data report. The locations of NAWQA stations for which data appear in this report are shown in Figure 2.

Radiochemical Program is a network of regularly sampled water-quality stations where samples are collected to be analyzed for radioisotopes. The streams that are sampled represent major drainage basins in the conterminous United States.

Tritium Network is a network of stations which has been established to provide baseline information on the occurrence of tritium in the Nation's surface waters. In addition to the surface-water stations in the network, tritium data are also obtained at a number of precipitation stations. The purpose of the precipitation stations is to provide an estimate sufficient for hydrologic studies of the tritium input to the United States

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Figure 2. NASQAN stations in Florida.

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EXPLANATION OF THE RECORDS

The surface-water and ground-water records published in this report are for the 1993 water year that began October 1, 1992, and ended September 30, 1993. A calendar of the water year is provided on the inside of the front cover. The records contain streamflow data, stage and content data for lakes and reservoirs, water-quality data for surface and ground water, and ground-water-level data. The following sections of the introductory text are presented to provide users with a more detailed explanation of how the hydrologic data published in this report were collected, analyzed, computed, and arranged for presentation.

Station Identification Numbers

Each data station, whether streamsite or well, in this report is assigned a unique identification number. The number usually is assigned when a station is first established and is retained for that station indefinitely. The systems used by the U.S. Geological Survey to assign identification numbers for surface-water stations and for ground-water well sites differ, but both are based on geographic location. The "downstream order" system is used for regular surface-water stations and the "latitude-longitude" system is used for wells and for surface-water stations where only miscellaneous observations are made.

Downstream Order System

Since October 1, 1950, the order of listing hydrologic-station records in Survey reports is in a downstream direction along the main stream. All stations on a tributary entering upstream from a mainstream station are listed before that station. A station on a tributary that enters between two mainstream stations is listed between them. A similar order is followed in listing stations on first rank, second rank, and other ranks of tributaries. The rank of any tributary with respect to the stream to which it is immediately tributary is indicated by an indentation in the "List of Stations" in the front of this report. Each indentation represents one rank. This downstream order and system of indentation shows which stations are on tributaries between any two stations and the rank of the tributary on which each station is situated.

The station-identification number is assigned according to downstream order. In assigning station numbers, no distinction is made between partial-record stations and other stations; therefore, the station number for a partial-record station indicates downstream-order position in a list made up of both types of stations. Gaps are left in the series of numbers to allow for new stations that may be established; hence, the numbers are not consecutive. The complete eight-digit number for each station, such as 02228500, which appears just to the left of the station name, includes the 2-digit part number "02" plus the 6- to 12-digit downstream-order number "228500." The part number designates the major river basin; for example, part "02" is the South Atlantic Slope and eastern Gulf of Mexico basins.

Latitude-Longitude System

The identification numbers for wells and miscellaneous surface-water sites are assigned according to the grid system of latitude and longitude. 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 or other sites within a 1-second grid. This site identification number, once assigned, is a pure number and has no locational significance. In the rare instance where the initial determination of latitude and longitude are found to be in error, the station will retain its initial identification number; however, its true latitude and longitude will be listed in the LOCATION paragraph of the station description. (See figure below.)

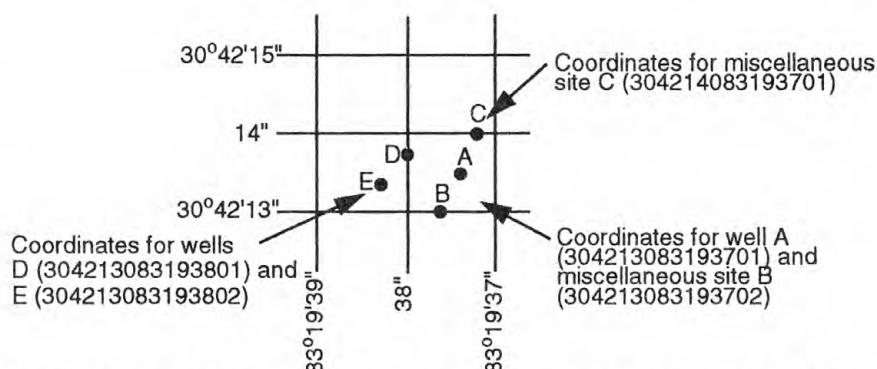


Figure 3. System for numbering wells and miscellaneous sites. (latitude and longitude)

RECORDS OF STAGE AND WATER DISCHARGE

Records of stage and water discharge may be complete or partial. Complete records of discharge are those obtained using a stage-recording device through which either instantaneous or mean daily discharges may be computed for any time, or any period of time, during the period of record. Complete records of lake elevation, similarly, are those for which stage may be computed or estimated with reasonable accuracy for any time, or period of time. They may be obtained using a stage-recording device or daily or weekly observations, but need not be. Because daily mean discharges and lake elevations commonly are published for such stations, they are referred to as "daily stations."

By contrast, partial records are obtained through discrete measurements without using a continuous stage-recording device and pertain only to a few flow characteristics, or perhaps only one. The nature of the partial record is indicated by table titles such as "Crest-stage partial records," or "Low-flow partial records." Records of miscellaneous discharge measurements or of measurements from special studies, such as low-flow seepage studies, may be considered as partial records, but they are presented separately in this report.

Location of all complete-record and partial-record stations for which data are given in this report are shown in figures preceding each sub-basin.

Data Collection and Computation

The data obtained at a complete-record gaging station on a stream or canal consist of a record of stage, individual measurements of discharge throughout a range of stages, and notations regarding factors that may affect the relationships between stage and discharge. These data, together with supplemental information, such as weather records, are used to compute daily mean discharges.

Records of stage are obtained with analog recorders that trace continuous graphs of stage or with digital recorders that punch stage values on paper tapes at selected time intervals. Measurements of discharge are made with current meters using methods adopted by the Geological Survey as a result of experience accumulated since 1880. These methods are described in standard textbooks, in Water-Supply Paper 2175, and in U.S. Geological Survey Techniques of Water-Resources Investigations, Book 3, Chapter A6.

In computing discharge records, results of individual measurements are plotted against the corresponding stages, and stage-discharge relation curves are then constructed. From these curves, rating tables indicating the approximate discharge for any stage within the range of the measurements are prepared. If it is necessary to define extremes of discharge outside the range of the current-meter measurements, the curves are extended using: (1) logarithmic plotting; (2) velocity-area studies; (3) results of indirect measurements of peak discharge, such as slope-area or contracted-opening measurements, and computations of flow over dams or weirs; or (4) step-backwater techniques.

Daily mean discharges are computed by applying the daily mean stages (gage heights) to the stage-discharge curves or tables. If the stage-discharge relation is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is determined by the shifting-control method, in which correction factors based on the individual discharge measurements and notes of the personnel making the measurements are applied to the gage heights before the discharges are determined from the curves or tables. This shifting-control method also is used if the stage-discharge relation is changed temporarily because of aquatic growth or debris on the control. For some stations, formation of ice in the winter may so obscure the stage-discharge relations that daily mean discharges must be estimated from other information such as temperature and precipitation records, notes of observations, and records for other stations in the same or nearby basins for comparable periods.

At some stream-gaging stations, the stage-discharge relation is affected by the backwater from reservoirs, tributary streams, or other sources. This necessitates the use of the slope method in which the slope or fall in a reach of the stream is a factor in computing discharge. The slope or fall is obtained by means of an auxiliary gage set at some distance from the base gage. At some stations the stage-discharge relation is affected by changing stage; at these stations the rate of change in stage is used as a factor in computing discharge.

In computing records of lake or reservoir contents, it is necessary to have available from surveys, curves or tables defining the relationship of stage and content. The application of stage to the stage-content curves or tables gives the contents from which daily, monthly, or yearly changes then are determined. If the stage-content relationship changes because of deposition of sediment in a lake or reservoir, periodic resurveys may be necessary to redefine the relationship. Even when this is done, the contents computed may become increasingly in error as the lapsed time since the last survey increases. Discharges over lake or reservoir spillways are computed from stage-discharge relationships much as other stream discharges are computed.

For some gaging stations, there are periods when no gage-height record is obtained, or the recorded gage height is so faulty that it cannot be used to compute daily discharge or contents. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, the float is frozen in the well, or for various other reasons.

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For such periods, the daily discharges are estimated from the recorded range in stage, previous or following record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise, daily contents may be estimated from operator's logs, previous or following record, inflow-outflow studies, and other information. Information explaining how estimated daily-discharge values are identified in station records is included in the next two sections, "Data Presentation" (REMARKS paragraph) and "Identifying Estimated Daily Discharge."

Data Presentation

Streamflow data in this report are presented in a new format that is considerably different from the format in data reports prior to the 1991 water year. The major changes are that statistical characteristics of discharge now appear in tabular summaries following the water-year data table and less information is provided in the text or state manuscript above the table. These changes represent the results of a pilot program to reformat the annual water-data report to meet current user needs and data preference.

The records published for each continuous-record surface-water discharge station (gaging station) now consist of four parts, the manuscript or station description; the data table of daily mean values of discharge for the current water year with summary data; a tabular statistical summary of monthly mean flow data for a designated period, by water year; and a summary statistics table that includes statistical data of annual, daily and instantaneous flows as well as data pertaining to annual runoff, 7-day low-flow minimums, and flow duration.

Station manuscripts

The manuscript provides, under various headings, descriptive information, such as station location; period of record; historical extremes outside the period of record; record accuracy; and other remarks pertinent to station operation and regulation. The following information as appropriate, is provided with each continuous record of discharge or lake content. Comments to follow clarify information presented under the various headings of the station description.

LOCATION.--Information on locations is obtained from the most accurate base maps available. The location of the gage with respect to the cultural and physical features in the vicinity and with respect to the reference place mentioned in the station name is given. River mileages, given for only a few stations, were determined by methods given in "River Mileage Measurements," Bulletin 14, Revision of October 1968, prepared by the Water Resources Council or were provided by the U.S. Army Corps of Engineers.

DRAINAGE AREA.--Drainage areas are measured using the most accurate maps available. Because the type of maps available varies from one drainage basin to another, the accuracy of drainage areas likewise varies. Drainage areas are updated as better maps become available.

PERIOD OF RECORD.--This indicates the period for which there are published records for the station or for an equivalent station. An equivalent station is one that was in operation at a time that the present station was not, and whose location was such that records from it can reasonably be considered equivalent with records from the present station.

REVISED RECORDS.--Because of new information, published records occasionally are found to be incorrect, and revisions are printed in later reports. Listed under this heading are all the reports in which revisions have been published for the station and the water years to which the revisions apply. If a revision did not include daily, monthly, or annual figures of discharge, that fact is noted after the year dates as follows: "(M)" means that only the instantaneous maximum discharge was revised; "(m)" that only the instantaneous minimum was revised; and "(P)" that only peak discharges were revised. If the drainage area has been revised, the report in which the most recently revised figure was first published is given.

GAGE.--The type of gage in current use, the datum of the current gage referred to National Geodetic Vertical Datum of 1929 (see GLOSSARY), and a condensed history of the types, locations, and datums of previous gages are given under this heading.

REMARKS.--All periods of estimated daily-discharge record will either be identified by date in this paragraph of the station description for water-discharge stations or flagged in the daily-discharge table. (See next section, "Identifying Estimated Daily Discharge.") If a REMARKS statement is used to identify estimated record, the paragraph will begin with this information presented as the first entry. The paragraph is also used to present information relative to the accuracy of the records, to special methods of computation, to conditions that affect natural flow at the station and, possibly, to other pertinent items. For reservoir stations, information is given on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir.

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COOPERATION.--Records provided by a cooperating organization or obtained for the Geological Survey by a cooperating organization are identified here.

EXTREMES FOR PERIOD OF RECORD.--Extremes may include maximum and minimum stages. The highest stage may have been obtained from a graphic or digital recorder, a crest-stage gage, or by direct observation of a nonrecording gage. If the maximum stage did not occur on the same day as the maximum discharge or content, it is given separately. Similarly, the minimum is the instantaneous minimum discharge, unless otherwise qualified, and was determined and is reported in the same manner as the maximum.

EXTREMES OUTSIDE PERIOD OF RECORD.--Included here is information concerning major floods or unusually low flows that occurred outside the stated period of record. The information may or may not have been obtained by the U.S. Geological Survey.

EXTREMES FOR CURRENT YEAR.--Extremes given here are similar to those for the period of record.

REVISIONS.--If a critical error in published records is discovered, a revision is included in the first report published following discovery of the error.

Although rare, occasionally the records of a discontinued gaging station may need revision. Because, for these stations, there would be no current or, possibly, future station manuscript published to document the revision in a "Revised Records" entry, users of data for these stations who obtained the record from previously published data reports may wish to contact the offices whose addresses are given on the back of the title page of this report to determine if the published records were ever revised after the station was discontinued. Of course, if the data were obtained by computer retrieval, the data would be current and there would be no need to check because any published revision of data is always accompanied by revision of the corresponding data in computer storage.

Manuscript information for lake or reservoir stations differs from that for stream stations in the nature of the "Remarks" and in the inclusion of a skeleton stage-capacity table when daily contents are given.

Heading for AVERAGE DISCHARGE has been deleted and the information contained in this paragraph is now presented in the tabular summaries following the discharge table or in the REMARKS paragraph, as appropriate. No changes have been made to the data presentations of lake contents.

Daily table of daily mean values

The daily table of discharge records for stream-gaging stations gives mean discharge for each day of the water year. In the monthly summary for the table, the line headed "TOTAL" gives the sum of the daily figures for each month; the line headed "MEAN" gives the average flow in cubic feet per second for the month; and the lines headed "MAX" and "MIN" give the maximum and minimum daily mean discharges, respectively, for each month. Discharge for the month also is usually expressed in cubic feet per second per square mile (line headed "CFSM"); or in inches (line headed "IN."); or in acre-feet (line headed "AC-FT"). Figures for cubic feet per second per square mile and runoff in inches or in acre-feet may be omitted if there is extensive regulation or diversion or if the drainage area includes large noncontributing areas. At some stations monthly and (or) yearly observed discharges are adjusted for reservoir storage or diversion, or diversion data or reservoir contents are given. These figures are identified by a symbol and corresponding footnote.

Statistics of monthly mean data

A tabular summary of the mean (line headed "MEAN"), maximum (line headed "MAX"), and minimum (line headed "MIN") of monthly mean flows for each month for a designated period is provided below the mean values table. The water years of the first occurrence of the maximum and minimum monthly flows are provided immediately below those figures. The designated period will be expressed as "FOR WATER YEAR ____-____, BY WATER YEAR (WY)," and will list the first and last water years of the range of years selected from the PERIOD OF RECORD paragraph in the station manuscript. It will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station record is indicated in the manuscript.

Summary statistics

A table titled "SUMMARY STATISTIC" follows the statistics of monthly mean data tabulation. This table consists of four columns, with the first column containing the line headings of the statistics being reported. The table provides a statistical summary of yearly, daily, and instantaneous flows, not only for the current water year but also for the previous calendar year and for a designated period, as appropriate. The designated period selected, "WATER YEARS ____-____," will consist of all of the station record within the specified water years, inclusive, including complete months of record for partial water years, if any, and may coincide with the period of record for the station. The water years for which the statistics are computed will be consecutive, unless a break in the station record is indicated in the manuscript.

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All of the calculations for the statistical characteristics designated ANNUAL (See line headings below), except for the "ANNUAL 7-DAY MINIMUM" statistics, are calculated for the designated period using complete water years. The other statistical characteristics may be calculated using partial water years.

The date or water year, as appropriate, of the first occurrence of each statistics reporting extreme values of discharge is provided adjacent to the statistic. Repeated occurrences may be noted in the REMARKS paragraph of the manuscript or in footnotes. Because the designated period may not be the same as the station period of record published in the manuscript, occasionally the dates of occurrence listed for the daily and instantaneous extremes in the designated-period column may not be within the selected water years listed in the heading. When this occurs, it will be noted in the REMARKS paragraph or in footnotes. Selected streamflow duration curve statistics and runoff data are also given. Runoff data may be omitted if there is extensive regulation or diversion of flow in the drainage basin.

The following summary statistics data, as appropriate, are provided with each continuous record of discharge. Comments to follow clarify information presented under the various line headings of the summary statistics table.

ANNUAL TOTAL.--The sum of the daily mean values of discharge for the year. At some stations the annual total discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by a symbol and corresponding footnotes.

ANNUAL MEAN.--The arithmetic mean of the individual daily mean discharges for the year noted or for the designated period. At some stations the yearly mean discharge is adjusted for reservoir storage or diversion. The adjusted figures are identified by a symbol and corresponding footnotes.

HIGHEST ANNUAL MEAN.--The maximum annual mean discharge occurring for the designated period.

LOWEST ANNUAL MEAN.--The minimum annual mean discharge occurring for the designated period.

HIGHEST DAILY MEAN.--The maximum daily mean discharge for the year or for the designated period.

LOWEST DAILY MEAN.--The minimum daily mean discharge for the year or for the designated period.

ANNUAL 7-DAY MINIMUM.--The lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1-March 31). The data shown in the summary statistics table is the initial date of the 7-day period. (This value should not be confused with the 7-day 10-year low-flow statistic).

INSTANTANEOUS PEAK FLOW.--The maximum instantaneous discharge occurring for the water year or for the designated period. Note that secondary instantaneous peak discharges above a selected base discharge are stored in District computer files for stations meeting certain criteria. Those discharge values may be obtained by writing to the District Office. (See address on back of title page of this report).

INSTANTANEOUS PEAK STAGE.--The maximum instantaneous stage occurring for the water year or for the designated period. If the dates of occurrence for the instantaneous peak flow and instantaneous peak stage differ, the REMARKS paragraph in the manuscript or a footnote may be used to provide further information.

INSTANTANEOUS LOW FLOW.--The minimum instantaneous discharge occurring for the water year or for the designated period.

ANNUAL RUNOFF.--Indicates the total quantity of water in runoff for a drainage area for the year. Data reports may use any of the following units of measurement in presenting annual runoff data:

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Acre-foot (AC-FT) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equal to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Cubic feet per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile area drained, assuming the runoff is distributed uniformly in time and area.

Inches (INCHES) indicates the depth to which the drainage area would be covered if all of the runoff for a given time period were uniformly distributed on it.

10 PERCENT EXCEEDS.--The discharge that has been exceeded by 10 percent of the time for the designated period.

50 PERCENT EXCEEDS.--The discharge that has been exceeded by 50 percent of the time for the designated period.

90 PERCENT EXCEEDS.--The discharge that has been exceeded by 90 percent of the time for the designated period.

Data collected at partial-record stations follow the information for continuous-record sites. Data for partial-record discharge stations are presented in two tables. The first is a table of annual maximum stage and discharge at crest-stage stations, and the second is a table of discharge measurements at low-flow partial-record stations. The tables of partial-record stations are followed by a listing of discharge measurements made at sites other than continuous-record or partial-record stations. These measurements are generally made in times of drought or flood to give better areal coverage to those events. Those measurements and others collected for some special reason are called measurements at miscellaneous sites.

Identifying Estimated Daily Discharge

Estimated daily-discharge values published in the water-discharge tables of annual State data reports are identified either by flagging individual daily values with the letter symbol "e" and printing a table footnote, "e Estimated," or by listing the dates of the estimated record in the REMARKS paragraph of the station description.

Accuracy of the Records

The accuracy of streamflow records depends primarily on: (1) The stability of the stage-discharge relation or, if the control is unstable, the frequency of discharge measurements; and (2) the accuracy of measurements of stage, measurements of discharge, and interpretation of records.

The accuracy attributed to the records is indicated under "REMARKS." "Excellent" means that about 95 percent of the daily discharges are within 5 percent of their true values; "good," within 10 percent; and "fair," within 15 percent. Records that do not meet the criteria mentioned are rated "poor." Different accuracies may be attributed to different parts of a given record.

Daily mean discharges in this report are given to the nearest hundredth of a cubic foot per second for values less than 1 ft³/s; to the nearest tenth between 1.0 and 10 ft³/s; to whole numbers between 10 and 1,000 ft³/s; and to 3 significant figures for more than 1,000 ft³/s. The number of significant figures used is based solely on the magnitude of the discharge value. The same rounding rules apply to discharges listed for partial-record stations and miscellaneous sites.

Discharge at many stations, as indicated by the monthly mean, may not reflect natural runoff due to the effects of diversion, consumption, regulation by storage, increase or decrease in evaporation due to artificial causes, or to other factors. For such stations, figures of cubic feet per second per square mile and of runoff, in inches, are not published unless satisfactory adjustments can be made for diversions, for changes in contents of reservoirs, or for other changes incident to use and control. Evaporation from a reservoir is not included in the adjustments for changes in reservoir contents, unless it is so stated. Even at those stations where adjustments are made, large errors in computed runoff may occur if adjustments or losses are large in comparison with the observed discharge.

In March 1989 the National Water-Quality Laboratory discovered a bias in the turbidimetric method for sulfate analysis, indicating that values below 75 mg/L have a median positive bias of 2 mg/L above the true value for the period between 1982 and 1989. Sulfate values in this report have not been corrected for this bias.

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Other Records Available

Information used in the preparation of the records in this publication, such as discharge-measurement notes, gage-height records, temperature measurements, and rating tables is on file in the Miami Subdistrict Office of the Florida District. Also, most of the daily mean discharges are in computer-readable form and have been analyzed statistically. Information on the availability of the unpublished information or on the results of statistical analyses of the published records may be obtained from the offices whose addresses are given on the back of the title page of this report.

RECORDS OF SURFACE-WATER QUALITY

Records of surface-water quality ordinarily are obtained at or near stream-gaging stations because interpretation of records of surface-water quality nearly always requires corresponding discharge data. Records of surface-water quality in this report may involve a variety of types of data and measurement frequencies.

Classification of Records

Water-quality data for surface-water sites are grouped into one of three classifications. A continuing-record station is a site where data are collected on a regularly scheduled basis. Frequency may be once or more times daily, weekly, monthly, or quarterly. A partial-record station is a site where water-quality data are collected systematically over a period of years, usually less frequently than quarterly. A miscellaneous sampling site is a location other than a continuing or partial-record station where random samples are collected to give better areal coverage to define water-quality conditions in the river basin.

A careful distinction needs to be made between "continuing records," as used in this report, and "continuous recordings," which refers to a continuous graph or a series of discrete values punched at short intervals on a paper tape. Some records of water quality, such as temperature and specific conductance, may be obtained through continuous recordings; however, because of costs, most data are obtained only monthly or less frequently.

Arrangement of Records

Water-quality records collected at a surface-water daily record station or a periodic observation station are published immediately following that record, regardless of the frequency of sample collection. Station number and name are the same for both records. Where a surface-water daily record station is not available or where the water quality differs significantly from that at the nearby surface-water station, the continuing water-quality record is published with its own station number and name in the regular downstream-order sequence. Water-quality data for partial-record stations and for miscellaneous sampling sites appear in separate tables following the table of discharge measurements at miscellaneous sites.

Onsite Measurements and Sample Collection

In obtaining water-quality data, a major concern is assuring that the data obtained represent the quality of the water in its natural state. To assure this, certain measurements, such as water temperature, pH, alkalinity, specific conductance, and dissolved oxygen, need to be made onsite when the samples are taken. To assure that measurements made in the laboratory also represent the natural water, carefully prescribed procedures need to be followed in collecting the samples, in treating the samples to prevent changes in quality pending analysis, and in shipping the samples to the laboratory. Procedures for onsite measurements and for collecting, treating, and shipping samples are given in publications on "Techniques of Water-Resources Investigations," Book 1, Chap. D2; Book 3, Chap. C2; Book 5, Chap. A1, A3, and A4. All of these references are listed under "PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS" which appears at the end of the introductory text. Also, detailed information on collecting, treating, and shipping samples may be obtained from the Geological Survey office.

One sample can define adequately the water quality at a given time if the mixture of solutes throughout the stream cross section is homogeneous. However, the concentration of solutes at different locations in the cross section may vary widely with different rates of water discharge, depending on the source of material and the turbulence and mixing of the stream. Some streams must be sampled through several vertical sections to obtain a representative sample needed for an accurate mean concentration and for use in calculating load. All samples obtained for the National Stream Quality Accounting Network (see definitions) are obtained from at least several verticals. Whether samples are obtained from the centroid of flow or from several verticals depends on flow conditions and other factors which must be evaluated by the collector.

Chemical-quality data published in this report are considered to be the most representative values available for

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the stations listed. The values reported represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. In the rare case where an apparent inconsistency exists between a reported pH value and the relative abundance of carbon dioxide species (carbonate and bicarbonate), the inconsistency is the result of a slight uptake of carbon dioxide from the air by the sample between measurement of pH in the field and determination of carbonate and bicarbonate in the laboratory.

For stations equipped with water-quality monitors, the records consist of daily mean values for each constituent measured and are based upon unit values (hourly or 15-minute recordings).

Water Temperature

Water temperatures are measured at most of the water-quality stations. In addition, water temperatures are taken at time of discharge measurements for water-discharge stations. For stations where water temperatures are taken manually once or twice daily, the water temperatures are taken at about the same time each day. Large streams have a small diurnal temperature change; shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. Some streams may be affected by waste-heat discharges.

Sediment

Suspended-sediment concentrations are determined from samples collected by using depth-integrating samplers. Samples usually are obtained at several verticals in the cross section, or a single sample may be obtained at a fixed point and a coefficient applied to determine the mean concentration in the cross sections.

During periods of rapidly changing flow or rapidly changing concentration, samples may have been collected more frequently (twice daily or, in some instances, hourly). The published sediment discharges for days of rapidly changing flow or concentration were computed by the subdivided-day method (time-discharge weighted average). Therefore, for those days when the published sediment discharge value differs from the value computed as the product of discharge times mean concentration times 0.0027, the reader can assume that the sediment discharge for that day was computed by the subdivided-day method. For periods when no samples were collected, daily discharges of suspended sediment were estimated on the basis of water discharge, sediment concentrations observed immediately before and after the periods, and suspended-sediment loads for other periods of similar discharge.

At other stations, suspended-sediment samples were collected periodically at many verticals in the stream cross section. Although data collected periodically may represent conditions only at the time of observations, such data are useful in establishing seasonal relations between quality and streamflow and in predicting long-term sediment-discharge characteristics of the stream.

In addition to the records of suspended-sediment discharge, records of the periodic measurements of the particle-size distribution of the suspended sediment and bed material are included for some stations.

Laboratory Measurements

Sediment samples, samples for biochemical-oxygen demand (BOD), samples for indicator bacteria, and daily samples for specific conductance are analyzed locally. All other samples are analyzed in the Geological Survey laboratory in Arvada, Colorado. Methods used in analyzing sediment samples and computing sediment records are given in TWRI, Book 5, Chap. C1. Methods used by the Geological Survey laboratory are given in TWRI, Book 1, Chap. D2; Book 3, Chap. C2; Book 5, Chap. A1, A3, and A4.

Data Presentation

For continuing-record stations, information pertinent to the history of station operation is provided in descriptive headings preceding the tabular data. These descriptive headings give details regarding location, drainage area, period of record, type of data available, instrumentation, general remarks, cooperation, and extremes for parameters currently measured daily. Tables of chemical, physical, biological, radiochemical data, and so forth, obtained at a frequency less than daily are presented first. Tables of "daily values" of specific conductance, pH, water temperature, dissolved oxygen, and suspended sediment then follow in sequence.

In the descriptive headings, if the location is identical to that of the discharge gaging station, neither the LOCATION nor the DRAINAGE AREA statements are repeated. The following information, as appropriate, is provided with each continuous-record station. Comments that follow clarify information presented under the various headings of the station description.

LOCATION.--See Data Presentation under "Records of Stage and Water Discharge"; same comments apply.

DRAINAGE AREA.--See Data Presentation under "Records of Stage and Water Discharge"; same comments apply.

PERIOD OF RECORD.--This indicates the periods for which there are published water-quality records for the

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station. The periods are shown separately for records of parameters measured daily or continuously and those measured less than daily. For those measured daily or continuously, periods of record are given for the parameters individually.

INSTRUMENTATION.--Information on instrumentation is given only if a recording or sampling device, which may be time- or event-activated, is in operation at a station.

REMARKS.--Remarks provide added information pertinent to the collection, analysis, or computation of the records.

COOPERATION.--Records provided by a cooperating organization or obtained from the Geological Survey by a cooperating organization are identified here.

EXTREMES.--Maximums and minimums are given only for parameters measured daily or more frequently. None are given for parameters measured weekly or less frequently, because the true maximums or minimums may not have been sampled. Extremes, when given, are provided for both the period of record and for the current water year.

REVISIONS.--If errors in published water-quality records are discovered after publication, appropriate updates are made to the Water-Quality File in the U.S. Geological Survey's computerized data system, WATSTORE, and subsequently by monthly transfer of update transactions to the U.S. Environmental Protection Agency's STORET system. Because the usual volume of updates makes it impractical to document individual changes in the State data-report series or elsewhere, potential users of U.S. Geological Survey water-quality data are encouraged to obtain all required data from the appropriate computer file to ensure the most recent updates.

Remark Codes

The following remark 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 (non-ideal 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 ($\mu\text{g/L}$) 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 and 100's of nanograms per liter (ng/L). Present data above the $\mu\text{g/L}$ 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 will begin using new trace-element protocols in water year 1994.

RECORDS OF GROUND-WATER LEVELS

Ground-water level data from a statewide network of observation wells are published herein. The records include data from wells equipped with water-level recorders and data from wells where water levels are measured periodically.

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 of consistent accuracy and reliability.

Tables of water-level data are presented by counties arranged in alphabetical order. The prime identification number for a given well is the 15-digit number that appears in the upper left corner of the table.

Water-level records are obtained from direct measurements with a steel tape, pressure gage, manometer, or from

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the graph or punched tape of a water-level recorder. The measurements in this report are given in feet above National Geodetic Vertical Datum of 1929 or in some tables as feet below land-surface datum. Land-surface datum is a datum plane that is approximately at land surface at each well. The elevation 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.

Water levels are reported to as many significant figures as can be justified by the local conditions. For example, in a measurement of a depth to water of several hundred feet, the error of determining the absolute value of the total depth to water may be a few tenths of a foot, whereas the error in determining the net change of water level between successive measurements may be only a few hundredths of a foot. For lesser depths to water, the accuracy is greater. Accordingly, most measurements are reported to a hundredth of a foot, but some are given to a tenth of a foot or a larger unit.

Data Presentation

Each well record consists of two parts, the station description, the data table of water levels observed during the water year and possibly a graph of the water year or other selected period. The description of the well is presented first through use of descriptive headings preceding the tabular data. The comments to follow clarify information presented under the various headings of well description.

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

AQUIFER.--This entry designates by name (if a name exists) and geologic age the aquifer(s) open to the well.

WELL CHARACTERISTICS.--This entry describes the well in terms of depth, diameter, casing depth and/or screened interval, method of construction, use, and additional information such as casing breaks, collapsed screen, 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 hourly, daily, weekly, monthly, or some other frequency of measurement.

DATUM.--This entry describes both the measuring point and the land-surface elevation at the well. The measuring point is described physically (such as top of collar, notch in top of casing, plug in pump base and so on), and in relation to land surface (such as 1.3 ft. above land-surface datum). The elevation of the land-surface datum is described in feet above (or below) National Geodetic Vertical Datum of 1929 (NGVD of 1929); it is reported with a precision depending on the method of determination.

REMARKS.--This entry describes factors that may influence the water level in a well or the measurement of the water level. It should identify wells that also are water quality observation wells and may be used to acknowledge the assistance of local (non-survey) observers.

PERIOD OF RECORD.--This entry indicates the period for which there are published records for the well. It reports the month and year of 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 record, with respect to land-surface datum, and the dates of their occurrence.

A table of water levels follows the station description for each well. For wells equipped with recorders, only abbreviated tables are published; generally, daily maximums are listed for every fifth day and at the end of the month (eom). The highest and lowest water levels of the water year and their dates of occurrence are shown on a line below the abbreviated table. Because all values are not published for wells with recorders, the extremes may be values that are not listed in the table. Missing records are indicated by dashes in place of the water level. A hydrograph for a selected period of record may follow each water-level table.

RECORDS OF GROUND-WATER QUALITY

Records of ground-water quality 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. The quality of ground water ordinarily changes slowly; therefore, for most general purposes, one annual sampling, or only a few samples taken at infrequent intervals during the year, is sufficient. Frequent measurement of the same constituents is not necessary unless one is concerned with a particular problem, such as monitoring for trends in nitrate concentration. In the special cases where the quality of

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ground water may change more rapidly, more frequent measurements are made to identify the nature of the changes.

Data Collection and Computation

The records of ground-water quality in this report were obtained mostly as a part of special studies in specific areas. Consequently, a number of chemical analyses are presented for some counties but none are presented for others. As a result, the records for this year, by themselves, do not provide a balanced view of ground-water quality in the report area. Such a view can be attained only by considering records for this year in context with similar records obtained for these and other counties in earlier years

Most methods for collecting and analyzing water samples are described in the "U.S. Geological Survey Techniques of Water-Resources Investigations" manuals listed at the end of the introductory text. The values reported in this report represent water-quality conditions at the time of sampling as much as possible, consistent with available sampling techniques and methods of analysis. The wells sampled were pumped long enough to assure that the water collected came directly from the aquifer and had not stood for a long time in the well casing where it would have been exposed to the atmosphere and to the material, possibly metal, comprising the casings.

Data Presentation

The records of ground-water quality are published immediately following the ground-water-level records of each county. Data for quality of ground water are identified by well number. The prime identification number for wells sampled is the 15-digit number derived from the latitude-longitude locations. The Remark Codes listed for surface-water-quality records are also applicable to ground-water-quality records.

ACCESS TO WATSTORE DATA

The U.S. Geological Survey is the principal Federal water-data agency and, as such, collects and disseminates about 70 percent of the water data currently being used by numerous State, local, private, and other Federal agencies to develop and manage our water resources. As part of the Geological Survey's program of releasing water data to the public, a large-scale computerized system has been developed for the storage and retrieval of water data collected through its activities. The National Water Data Storage and Retrieval System (WATSTORE) was established in 1972 to provide an effective and efficient means for the processing and maintenance of water data collected through the activities of the U.S. Geological Survey and to facilitate release of the data to the public. A variety of useful products, ranging from data tables to complex statistical analyses such as Log Pearson Type III, can be produced using WATSTORE. The system resides on the central computer facilities of the U.S. Geological Survey at its National Center in Reston, Virginia, and consists of related files and data bases.

- * Station Header File - Contains descriptive information on more than 440,000 sites throughout the United State and its territories where the U.S. Geological Survey collects or has collected data.
- * Daily Values File - Contains more than 220 million daily values of stream flows, stages, reservoirs contents, water temperatures, specific conductances, sediment concentrations, sediment discharges, and ground-water levels.
- * Peak Flow File - Contains approximately 500,000 maximum (peak) streamflow and gage-height values at surface-water sites.
- * Water Quality File - Contains approximately 2 million analyses of water samples that describe the chemical, physical, biological, and radio-chemical characteristics of both surface and ground water.
- * Ground-Water Site Inventory Data Base - Contains inventory data for more than 900,000 wells, springs, and other sources of ground water. The data includes site location, geohydrologic characteristics, well-construction history, and one-time field measurements such as water temperature.

In 1976, the U.S. Geological Survey opened WATSTORE to the public for direct access. The signing of a Memorandum of Agreement with the Survey 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 he/she incurs. Direct access may be obtained by contacting:

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U.S. Geological Survey
National Water Data Exchange
421 USGS National Center
Reston, Virginia 22092

In addition to providing direct access to WATSTORE, data can be provided in various machine-readable formats on magnetic tape or 5 1/4 inch floppy disk; and, as noted in the introduction, on CD-ROM discs. Beginning with the 1990 water year, all water-data reports will also be available on Compact Disc - Read Only Memory (CD-ROM). All data reports published for the current water year for the entire Nation, including Puerto Rico and the Trust Territories, will be reproduced on a single CD-ROM disc. Information about the availability of specific types of data or products, and user charges, can be obtained locally from each of the water Resources Division's District offices. (See address on the back of the title page). A limited number of CD-ROM discs will be available for sale by the Books and Open_File Reports Section, U.S. Geological Survey, Federal Center, Box 25425, Denver, Colorado 80225.

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DEFINITION OF TERMS

Terms related to streamflow, water-quality, and other hydrologic data, as used in this report, are defined below. See also table for converting English units to International System (SI) Units on the inside of the back cover.

Acre-foot (AC-FT, acre-ft.) is the quantity of water required to cover 1 acre to a depth of 1 foot and is equivalent to 43,560 cubic feet or about 326,000 gallons or 1,233 cubic meters.

Algae are mostly aquatic single-celled, colonial, or multi-celled plants, containing chlorophyll and lacking roots, stems, and leaves.

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.

Artesian means confined and is used to describe a well in which the water level stands above the top of the aquifer tapped by the well. A flowing artesian well is one in which the water level is above the land surface.

Bacteria are microscopic unicellular organisms, typically spherical, rodlike, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, while others perform an essential role in nature in the recycling of materials; for example, 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, non-sporeforming, rod-shaped bacteria which ferment lactose with gas formation within 48 hours at 35°C. In the laboratory these bacteria are defined as all the organisms that produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35°C plus or minus 1.0°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 intestine 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 that 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 the intestine 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 1.0°C on KF-streptococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

Bed material is the sediment mixture of which a streambed, lake, pond, reservoir, or estuary bottom is composed.

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.

Biomass is the amount of living matter present at any given time, expressed as the mass per unit area or volume of habitat.

Ash mass is the mass or amount of residue present after the residue from the dry mass determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash mass values of zooplankton and phytoplankton are expressed in grams per cubic meter (g/m^3), and periphyton and benthic organisms in grams per square mile (g/m^2).

Dry mass refers to the mass of residue present after drying in an oven at 105°C for zooplankton and periphyton, until the mass remains unchanged. This mass represents the total organic matter, ash and sediment, in the sample. Dry-mass values are expressed in the same units as ash mass.

Organic mass or volatile mass of the living substance is the difference between the dry mass and ash mass and represents the actual mass of the living matter. The organic mass is expressed in the same units as for ash mass and dry mass.

Wet mass is the mass of living matter plus contained water.

Bottom material: See Bed material.

Cells/volume refers to the number of cells of any organism which is counted by using a microscope and grid or counting cell. Many planktonic organisms are multicelled and are counted according to the number of contained cells per sample, usually milliliters (mL) or liters (L).

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Cfs-day (cubic feet per second per day) is the volume of water represented by a flow of 1 cubic foot per second for 24 hours. It is equivalent to 86,400 cubic feet, approximately 1.9835 acre-feet, about 646,000 gallons, or 2,447 cubic meters.

CFSM (cubic foot per second per square mile) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

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.

Chlorophyll refers to the green pigments of plants. Chlorophyll a and b are the two most common green pigments in plants.

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

Contents is the volume of water in a reservoir or lake. Unless otherwise indicated, volume is computed on the basis of a level pool and does not include bank storage.

Control designates a feature downstream from the gage that determines the stage-discharge relation at the gage. This feature may be a natural constriction of the channel, an artificial structure, or a uniform cross section over a long reach of the channel.

Control structure as used in this report is a structure on a stream or canal that is used to regulate the flow or stage of the stream or to prevent the intrusion of saltwater.

Cubic foot per second (ft³/s or cfs) is the rate of discharge representing a volume of 1 cubic foot passing a given point during 1 second and is equivalent to 7.48 gallons per second or 448.8 gallons per minute or 0.02832 cubic meters per second.

Cubic foot per second per square mile (CFSM) is the average number of cubic feet of water flowing per second from each square mile of area drained, assuming that the runoff is distributed uniformly in time and area.

Discharge is the volume of water (or more broadly, volume of fluid plus suspended sediment) that passes a given point within a given period of time.

Mean discharge (MEAN) is the arithmetic mean of individual daily mean discharges during a specific period.

Annual 7-day minimum is the Discharge that is the lowest mean discharge for 7 consecutive days for a calendar year or a water year. Note that most low-flow frequency analyses of annual 7-day minimum flows use a climatic year (April 1 - March 31). The data shown in the summary statistics table is the initial data of the 7-day period. (This value should not be confused with the 7-day 10 year low-flow statistic)

Instantaneous discharge is the discharge at a particular instant of time.

Dissolved refers to 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.

Dissolved-solids concentration of water is determined either analytically by the "residue-on-evaporation" method, or mathematically by totaling the concentrations of individual constituents reported in a comprehensive chemical analysis. During the analytical determination of dissolved solids, the bicarbonate (generally a major dissolved component of water) is converted to carbonate. Therefore, in the mathematical calculation of dissolved- solids concentration, the bicarbonate value, in milligrams per liter, is multiplied by 0.492 to reflect the change.

Drainage area of a stream at a specified location is that area, measured in a horizontal plane, enclosed by a topographic divide from which direct surface runoff from precipitation normally drains by gravity into the stream above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise specified.

Drainage basin is a part of the surface of the earth that is occupied by a drainage system, which consists of a surface stream or a body of impounded surface water together with all tributary surface streams and bodies of impounded surface water.

Gage height (G.H.) is the water-surface elevation referred to some arbitrary gage datum. Gage height is often used interchangeably with the more general term "stage," although gage height is more appropriate when used with a reading on a gage.

Gaging station is a particular site on a stream, canal, lake, or reservoir where systematic observations of hydrologic data are obtained.

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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 the State Hydrologic Unit Maps; each hydrologic unit is identified by an eight-digit number.

Land-surface datum (lsd) is a datum plane that is approximately at land surface 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.

Micrograms per gram (mg/g) is a unit expressing the concentration of a chemical constituent as the mass (micrograms) of the element per unit mass (gram) of material analyzed.

Micrograms per liter (UG/L, mg/L) is a unit expressing the concentration of chemical constituents in solution as mass (micrograms) of solute per unit volume (liter) of water. One thousand micrograms per liter is equivalent to one 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 represents the mass of solute per unit volume (liter) of water. Concentration of suspended sediment also is expressed in mg/L and is based on the mass of dry sediment per liter of water-sediment mixture.

National Geodetic Vertical Datum of 1929 (NGVD of 1929) 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.

Organism is any living entity.

Organism count/area refers to the number of organisms collected and enumerated in a sample and adjusted to the number per area habitat, usually square meter (m^2), acre, or hectare. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

Organism count/volume refers to the number of organisms collected and enumerated in a sample and adjusted to the number per sample volume, usually milliliter (mL) or liter (L). Numbers of planktonic organisms can be expressed in these terms.

Total organism count is the total number of organisms collected and enumerated in any particular sample.

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 Environmental Protection Agency assigns and approves all requests for new codes.

Partial-record station is a particular site where limited streamflow and/or water-quality data are collected systematically over a period of years for use in hydrologic analyses.

Particle size is the diameter, in millimeters (mm), of a particle determined by either sieve or sedimentation methods. Sedimentation methods (pipet, bottom-withdrawal tube, visual-accumulation tube) determine fall diameter of particles in either distilled water (chemically dispersed) or in native water (the river water at the time and point of sampling).

Particle-size classification used in this report agrees with the recommendation made by the American Geophysical Union Subcommittee on Sediment Terminology. The classification is as follows:

Classification	Size (mm)	Method of analysis
Clay	0.00024 - 0.004	Sedimentation
Silt	.004 - .062	Sedimentation
Sand	.062 - 2.0	Sedimentation or sieve
Gravel	2.0 - 64.0	Sieve

The particle-size distributions given in this report are not necessarily representative of all particles in transport in the stream. Most of the organic matter is removed, and the sample is subjected to mechanical and chemical dispersion before analysis in distilled water. Chemical dispersion is not used for native-water analysis.

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Percent composition is a unit for expressing the ratio of a particular part of a sample or population to the total sample or population, in terms of types, numbers, mass, or volume.

Pesticides are chemical compounds used to control undesirable organisms. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides.

Picocurie (PC, pCi) is one millionth of the amount of radioactivity represented by a micro-curie, which is the quantity of radiation represented by one millionth of a gram of radium-226. A picocurie of radium results in 2.22 disintegrations per minute.

Recoverable from bottom material is the amount of a given constituent that is in solution after a representative sample of bottom material has been digested by a method (usually using an acid or mixture of acids) that results in dissolution of readily soluble substances. Complete dissolution of all bottom material is not achieved by the digestion treatment and thus the determination represents less than the total amount (that is, less than 95 percent) of the constituent in 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.

Return period is the average time interval between occurrences of a hydrological event of a given or greater magnitude, usually expressed in years. May also be called recurrence interval.

Runoff in inches (IN., in.) shows the depth to which the drainage area would be covered if all the runoff for a given time period were uniformly distributed on it.

Sediment is solid material that originates mostly from disintegrated rocks and is transported by, suspended in, or deposited from water; it includes chemical and biochemical precipitates and decomposed organic material, such as humus. The quantity, characteristics, and cause of the occurrence of sediment in streams are influenced by environmental factors. Some major factors are degree of slope, length of slope, soil characteristics, land usage, and quantity and intensity of precipitation.

Bed load is the sediment that is transported in a stream by rolling, sliding, or skipping along the bed and very close to it. In this report, bed load is considered to consist of particles in transit within 0.25 ft. of the streambed.

Bed load discharge (tons per day) is the quantity of bed load measured by dry weight that moves past a section as bed load in a given time.

Suspended sediment is the sediment that at any given time is maintained in suspension by the upward components of turbulent currents or that exists in suspension as a colloid.

Suspended-sediment concentration is the velocity-weighted concentration of suspended sediment in the sampled zone (from the water surface to a point approximately 0.3 ft. above the bed) expressed as milligrams of dry sediment per liter of water-sediment mixture (mg/L).

Mean concentration is the time-weighted concentration of suspended sediment passing a stream section during a 24-hour day.

Suspended-sediment discharge (tons/day) is the rate at which dry mass of sediment passes a section of a stream or is the quantity of sediment, as measured by dry mass or volume, that passes a section in a given time. It is calculated in units of tons per day as follows: concentration (mg/L) x discharge (ft³/s) x 0.0027.

Suspended-sediment load is a general term that refers to material in suspension. It is not synonymous with either discharge or concentration.

Total-sediment discharge (tons/day) is the sum of the suspended-sediment discharge and the bed-load discharge. It is the total quantity of sediment, as measured by dry mass or volume, that passes a section during a given time.

Total-sediment load or total load is a term which refers to the total sediment (bed load plus suspended-sediment load) that is in transport. It is not synonymous with total-sediment discharge.

Sodium-adsorption-ratio (SAR) is the expression of relative activity of sodium ions in exchange reactions within soil and is an index of sodium or alkali hazard to the soil. Waters range in respect to sodium hazard from those which can be used for irrigation on almost all soils to those which are generally unsatisfactory for irrigation.

Solute is any substance that is dissolved in water.

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Specific conductance is a measure of the ability of a 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 the 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 stream to stream, and it may vary in the same source with changes in the composition of the water.

Stage-discharge relation is the relation between gage height (stage) and volume of water, per unit of time, flowing in a channel.

Streamflow is the discharge that occurs in a natural channel. Although the term "discharge" can be applied to the flow of a canal, the word "streamflow" uniquely describes the discharge in a surface stream course. The term "streamflow" is more general than "runoff" as streamflow may be applied to discharge whether or not it is affected by diversion or regulation.

Surface area of a lake is that area outlined on the latest USGS topographic map as the boundary of the lake and measured by a planimeter in acres. In localities not covered by topographic maps, the areas are computed from the best maps available at the time planimetered. All areas shown are those for the stage when the planimetered map was made.

Surficial bed material is the part (0.1 to 0.2 ft.) of the bed material that is sampled using U.S. Series Bed-Material Samplers.

Suspended (as used in tables of chemical analyses) refers to the amount (concentration) of undissolved material in a water-sediment mixture. It is associated with the material retained on a 0.45 mm filter.

Suspended, recoverable is the amount of a given constituent that is in solution after the part of a representative water-suspended sediment sample that is retained on a 0.45 mm membrane filter 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 the particulate matter is not achieved by the digestion treatment and thus the determination represents something less than the "total" amount (that is, less than 95 percent) of the constituent present in the sample. To achieve comparability of analytical data, equivalent digestion procedures are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Determinations of "suspended, recoverable" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total recoverable concentrations of the constituent.

Suspended, total is the total amount of a given constituent in the part of a representative water-suspended sediment sample that is retained on a 0.45 mm membrane filter. This term is used only when the analytical procedure assures measurement of at least 95 percent of the constituent determined. A knowledge of the expected form of the constituent in the sample, as well as the analytical methodology used, is required to determine when the results should be reported as "suspended, total."

Determinations of "suspended, total" constituents are made either by analyzing portions of the material collected on the filter or, more commonly, by difference, based on determinations of (1) dissolved and (2) total concentrations of the constituent.

Taxonomy is the division of biology concerned with the classification and naming of organisms. The classification of organisms is based upon a hierarchical scheme beginning with Kingdom and ending with Species at the base. The higher the classification level, the fewer features the organisms have in common. For example, the taxonomy of a particular mayfly, Hexagenia limbata, is the following:

Kingdom	Animal
Phylum	Arthropoda
Class	Insecta
Order	Ephemeroptera
Family	Ephemeridae
Genus	<u>Hexagenia</u>
Species	<u>Hexagenia limbata</u>

Thermograph is an instrument that continuously records variations of temperature on a chart. The more general term "temperature recorder" is used in the table headings and refers to any instrument that records temperature whether on a chart, a tape, or any other medium.

Time-weighted average is computed by multiplying the number of days in the sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the total number of days. A time-weighted average represents the composition of water that would be contained in a vessel or reservoir that had received equal quantities of water from the stream each day for the year.

Tons per acre-foot indicates the dry mass of dissolved solids in 1 acre-foot of water. It is computed by multiplying the concentration of the constituent, in milligrams per liter, by 0.00136.

Tons per day (T/DAY) is the quantity of a substance in solution or suspension that passes a stream section during a 24-hour period.

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" does double duty here, indicating both that the sample consists of a water-suspended sediment mixture and that the analytical method determined all of the constituent in the sample.)

Total discharge is the total quantity of any individual constituent, as measured by dry mass or volume, that passes through a stream cross section per unit of time. This term needs to be qualified, such as "total sediment discharge," "total chloride discharge," and so on.

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, and 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 are required of all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Water year in Geological Survey reports dealing with surface-water supply is the 12-month period 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, 1992, is called the "1992 water year."

WDR is used as an abbreviation for "Water-Data Report" in the REVISED RECORDS paragraph to refer to State annual hydrologic-data reports (WRD was used as an abbreviation for "Water-Resources Data" in reports published prior to 1976).

Weighted average is used in this report to indicate discharge-weighted average. It is computed by multiplying the discharge for a sampling period by the concentrations of individual constituents for the corresponding period and dividing the sum of the products by the sum of the discharges. A discharge-weighted average approximates the composition of water that would be found in a reservoir containing all the water passing a given location during the water year after thorough mixing in the reservoir.

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

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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, Books and Open-File Reports Section, Federal Center, Box 25425, 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."

- 1-D1. *Water temperature--influential factors, field measurement, and data presentation*, by H. H. Stevens, Jr., J. F. Ficken, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages.
- 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.
- 2-E1. *Application of borehole geophysics to water-resources investigations*, by W. Scott Keys and L. M. McCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages.
- 2-E2. *Borehole geophysics applied to ground-water investigations*, by W. Scott Keys: USGS--TWRI Book 2, Chapter E2. 1990. 150 pages.
- 2-F1. *Application of drilling, coring, and sampling techniques to test holes and wells*, by Eugene Shuter and Warren E. Teasdale: USGS--TWRI Book 2, Chapter F1. 1989. 97 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.
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- 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.
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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.
- 3-A10. *Discharge ratings at gaging stations*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A10. 1984. 59 pages.
- 3-A11. *Measurement of discharge by moving-boat method*, by G. F. Smoot and C. E. Novak: USGS--TWRI Book 3, Chapter A11. 1969. 22 pages.
- 3-A12. *Fluorometric procedures for dye tracing*, by J. F. Wilson, Jr., E. D. Cobb, and F. A. Kilpatrick: USGS--TWRI Book 3, Chapter A12. 1986. 41 pages.

PUBLICATIONS ON TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS--Continued

- 3-A13. *Computation of continuous records of streamflow*, by E. J. Kennedy: USGS--TWRI Book 3, Chapter A13. 1983. 53 pages.
- 3-A14. *Use of flumes in measuring discharge*, by F. A. Kilpatrick and V. R. Schneider: USGS--TWRI Book 3, Chapter A14. 1983. 46 pages.
- 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. Rathburn, N. Yotsukura, G. W. Parker, and L. L. DeLong: USGS--TWRI Book 3, Chapter A18. 1989. 52 pages.
- 3-A19. *Levels of streamflow gaging stations*, by E.J. Kennedy: USGS--TWRI Book 3, Chapter A19. 1990. 27 pages.
- 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 programmed 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 Richard L. Cooley and Richard L. Naff: USGS--TWRI Book 3, Chapter B4. 1990. 232 pages.
- 3-B4. *Supplement 1. Regression modeling of ground-water flow - Modifications to the computer code for nonlinear regression solution of steady-state ground-water flow problems*, by Richard L. Cooley: USGS--TWRI Book 3, Chapter B4. 1993. 8 pages.
- 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.
- 3-B7. *Analytical solutions for one-, two-, and three-dimensional solute transport in ground-water systems with uniform flow*, by Eliezer J. Wexler: USGS--TWRI Book 3, Chapter B7. 1992. 90 pages.
- 3-C1. *Fluvial sediment concepts*, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages.
- 3-C2. *Field methods for measurement of fluvial sediment*, by H. P. Guy and V. W. Norman: USGS--TWRI Book 3, Chapter C2. 1970. 59 pages.
- 3-C3. *Computation of fluvial-sediment discharge*, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages.
- 4-A1. *Some statistical tools in hydrology*, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages.
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- 4-B1. *Low-flow investigations*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B1. 1972. 18 pages.
- 4-B2. *Storage analyses for water supply*, by H. C. Riggs and C. H. Hardison: USGS--TWRI Book 4, Chapter B2. 1973. 20 pages.
- 4-B3. *Regional analyses of streamflow characteristics*, by H. C. Riggs: USGS--TWRI Book 4, Chapter B3. 1973. 15 pages.
- 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.
- 5-A1. *Methods for determination of inorganic substances in water and fluvial sediments*, by M. J. Fishman and L. C. Friedman: USGS--TWRI Book 5, Chapter A1. 1989. 545 pages.
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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.
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- 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.
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Broward County

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Key to site locations on figure # 4

BROWARD COUNTY

Index Number	Site Number	Well Name	Page Number	Index Number	Site Number	Well Name	Page Number
1	260010080085001	F 291	45	41	261016080492601	G 2296	66
2	260545080082001	G 561	61	42	255910080085801	G 2351A	36
3	261710080135001	G 616	87	43	260753080253701	G 2376	63
4	260515080202101	G 617	57	44	261147080114501	G 2395	72
5	261144080094601	G 820A	71	45	255919080091202	G 2409	41
6	261434080071901	G 853	77	46	255919080091203	G 2410	42
7	260535080104301	G 854	60	47	260041080093101	G 2425	49
8	261734080111301	G 1213	88	48	261337080103401	G 2443	75
9	261645080064701	G 1215	85	49	261238080105501	G 2444	74
10	260752080084701	G 1220	64	50	255936080091701	G 2477	43
11	260458080134801	G 1221	56	51	255936080091702	G 2478	44
12	260219080141101	G 1223	54	52	260215080214501	G 2495	53
13	260252080085301	G 1224	55	53	261016080492603	G 2618	67
14	260032080135701	G 1225	46	54	261016080492604	G 2619	68
15	260053080105701	G 1226	50	55	261016080492605	G 2620	69
16	260054080103301	G 1240	51	56	261812080070101	G 2711	91
17	261903080065601	G 1260	105	57	261850080065801	G 2712	101
18	261152080115201	G 1262	73	58	261800080062702	G 2716	90
19	261708080090801	G 1315	86	59	261934080070802	G 2718	127
20	261441080111301	G 1316	78	60	261909080071301	G 2719	106
21	255916080090401	G 1435	39	61	261820080054201	G 2724	92
22	255916080085401	G 1472	38	62	261910080061801	G 2725	109
23	255918080091801	G 1473	40	63	261800080063101	G 2727	89
24	260035080101501	G 1597	47	64	261916080064501	G 2728	117
25	255807080224301	G 1636	34	65	261929080064001	G 2729	124
26	261448080061301	G 2001	79	66	261921080060401	G 2730	121
27	261534080165801	G 2031	83	67	261919080060801	G 2731	115
28	260821080185101	G 2032	65	68	261913080055402	G 2733	112
29	261141080163401	G 2033	70	69	261847080060002	G 2735	98
30	260653080184901	G 2034	52	70	261835080054501	G 2736	96
31	260040080104401	G 2035	48	71	261903080063001	G 2737	102
32	261359080062301	G 2055	76	72	261831080151301	G 2739	95
33	261500080055401	G 2063	80	73	261938080101001	G 2852	130
34	261501080060702	G 2064	82	74	260657080122301	S 329	62
35	255854080085601	G 2074	35				
36	260533080123701	G 2122	59				
37	260530080112101	G 2130	58				
38	261501080060701	G 2147	81				
39	261544080062402	G 2277	84				
40	255910080085802	G 2294	37				

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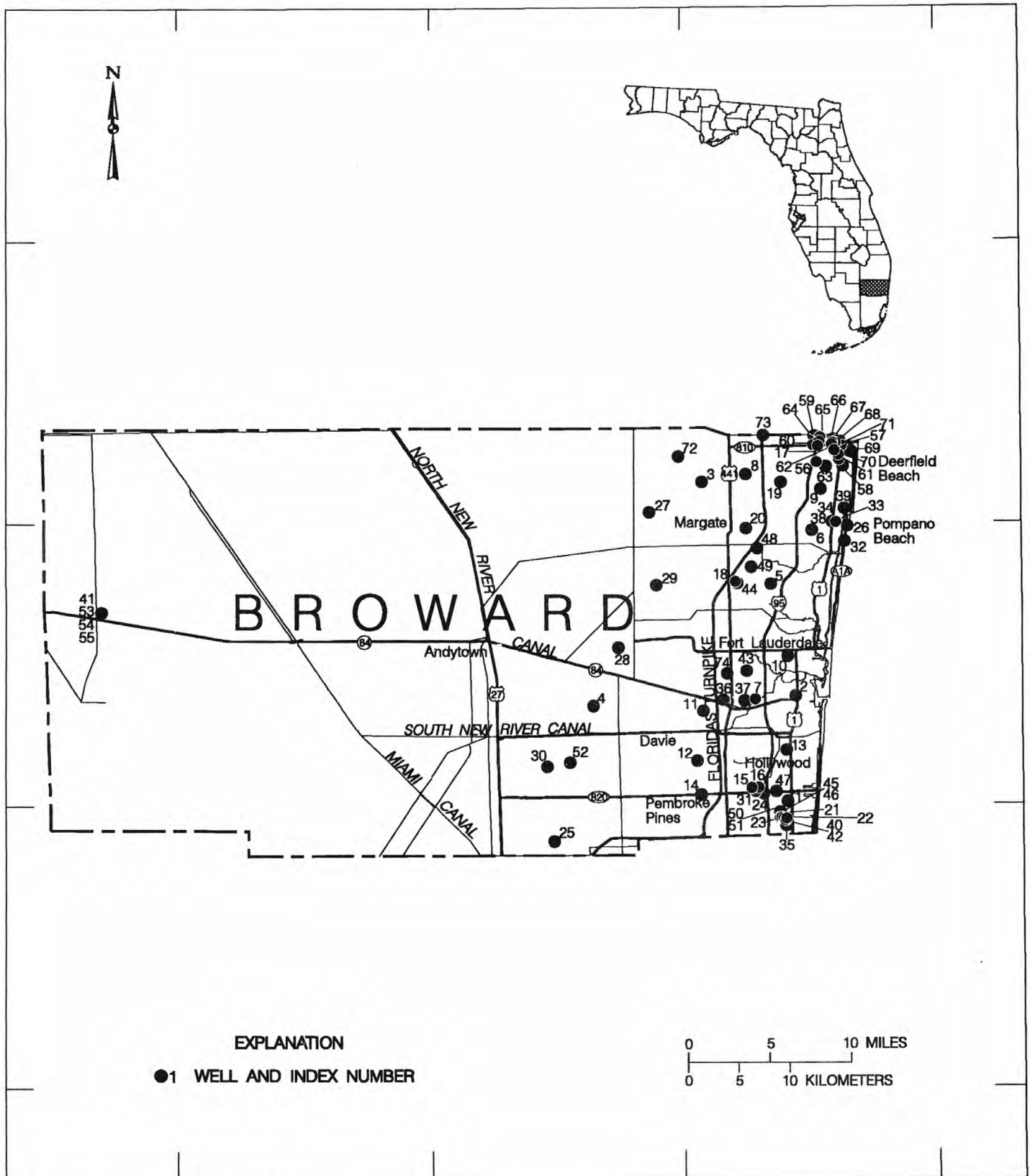


Figure 4: Location of wells in Broward County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--255807080224301. Local Number G 1636. USGS Observation Well near Carol City, FL.

LOCATION.--Lat 25°58'07", long 80°22'43", in SE1/4NE1/4 sec.31, T.51 S., R.40 E., Hydrologic Unit 03090202, at radio towers west of Southwest 172nd Avenue, 3 mi south of State Highway 820, 4 mi west of Flamingo Road, and 5.8 mi northwest of Carol City.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 24 ft, cased to 24 ft.

REVISED RECORDS.--WDR FL-85-2B: 1979

INSTRUMENTATION.--Digital water-level recorder.

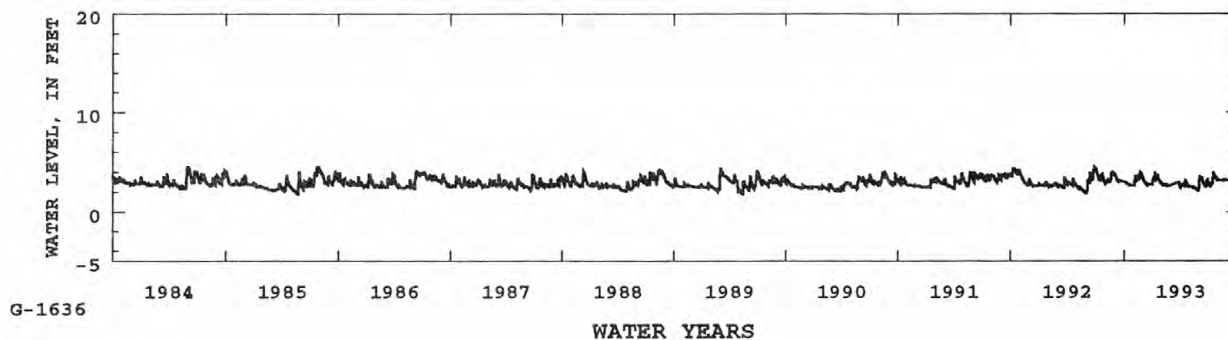
DATUM.--Land-surface datum is 6.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.02 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.01 ft NGVD, Apr. 28, 1979; lowest 1.79 ft NGVD, May 23, 1985.

STATION NUMBER 255807080224301 G -1636
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	3.58	3.01	3.44	2.72	---	2.74	2.48	3.44	2.52	---	---
10	2.86	3.61	2.79	3.77	2.73	---	2.76	2.42	3.11	2.81	---	3.17
15	2.73	3.49	2.74	3.47	2.55	---	2.44	2.37	2.66	3.91	3.11	---
20	2.66	3.37	2.74	3.18	2.56	---	2.73	2.28	2.49	3.44	3.16	---
25	2.63	3.85	2.75	2.91	---	2.94	2.50	2.15	3.12	3.27	---	3.39
DOM	2.63	3.40	2.67	2.78	---	2.52	2.50	3.62	2.78	3.16	---	3.33
MEAN	---	3.40	2.82	3.25	---	---	2.66	2.40	2.97	3.13	---	---
MAX	---	3.94	3.30	3.81	---	---	3.23	3.62	3.58	4.02	---	---
MIN	---	2.62	2.67	2.78	---	---	2.44	2.12	2.49	2.50	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

35

WELL NUMBER.--255854080085601. Local Number G 2074. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°58'54", long 80°08'56", in SE1/4SE1/4NE1/4 sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 15.4 ft south of edge of sidewalk north of Southwest 3rd Street between Southwest 1st Avenue and Dixie Highway, across from Hallandale City Hall.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 3 in., depth 168 ft, cased to 167 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .05 ft below land-surface datum.

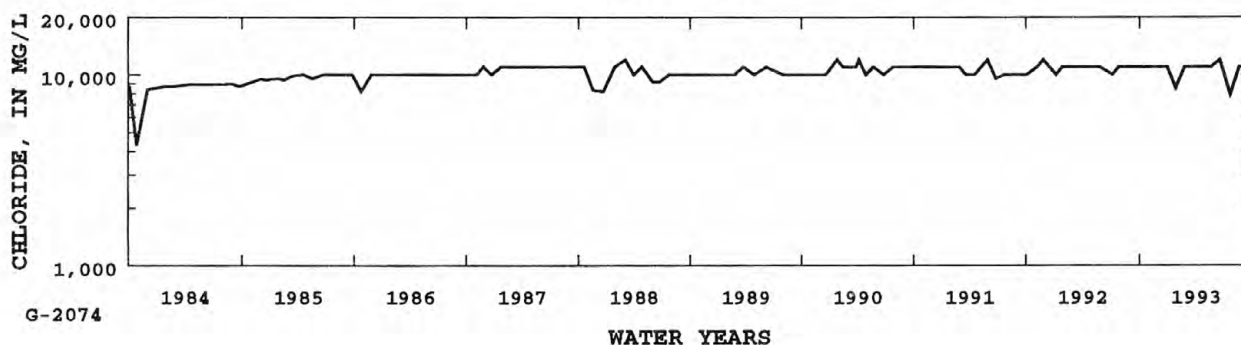
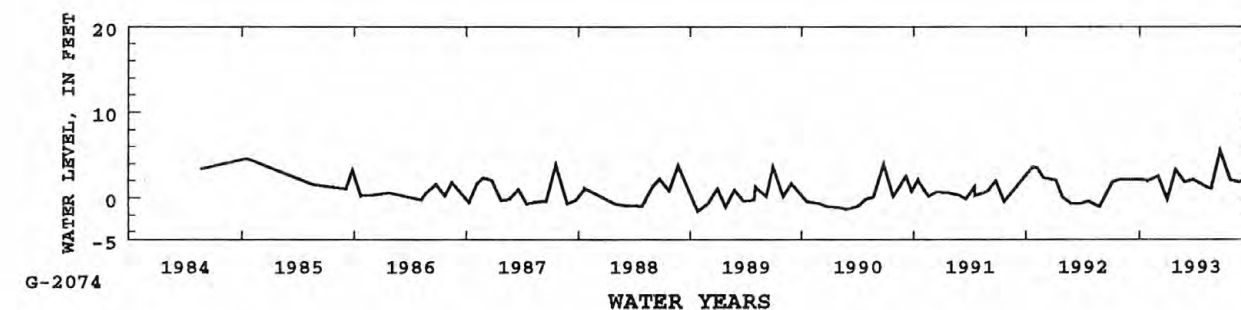
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--March 1979 to August 1986 (intermittent), October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.51 ft NGVD, June 17, 1993; lowest measured, 0.3 ft below NGVD, Jan. 22, 1987.

255854080085601 - G -2074

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993								
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)
OCT					APR			
27...	0904	--	--	2.02	19...	0925	32000	11000
28...	1030	32500	11000	1.99	MAY			
NOV					06...	0911	--	--
30...	0950	31400	11000	2.47	19...	0940	32500	11000
DEC					JUN			
28...	1000	31500	11000	-0.21	17...	1115	28800	12000
JAN					JUL			
26...	1140	25200	8500	3.25	21...	1510	24100	7900
FEB					AUG			
23...	1120	33200	11000	1.81	19...	0935	31400	11000
MAR					SEP			
22...	1545	32000	11000	2.08	20...	1043	31800	11000



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--255910080085801. Local Number G 2351A. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'10", long 80°08'58", in SW1/4NW1/4NW1/4 sec.27, T.51 S., R.42 E., Hydrologic Unit 03090202, 15 ft north of Northwest 1st Street and 10 ft west of Northwest 1st Avenue at the northwest corner of Northwest 1st Street and Northwest 1st Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 243 ft, cased to 200 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.08 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .49 ft below land-surface datum.

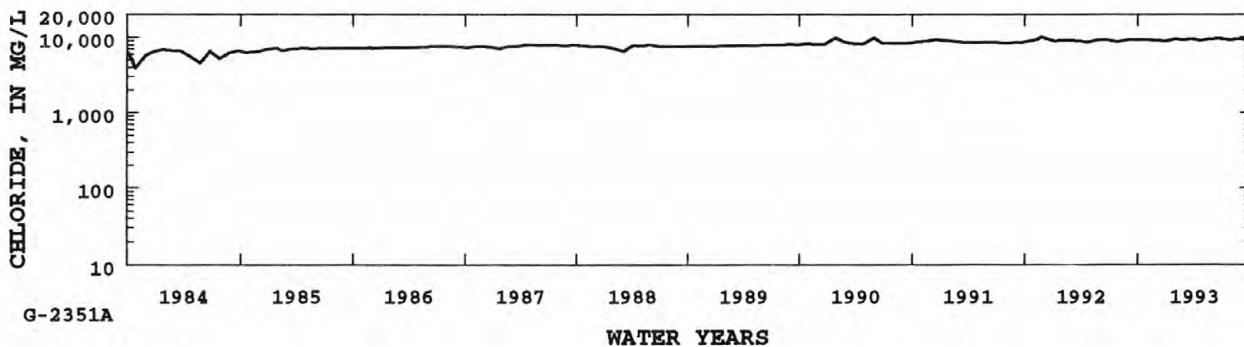
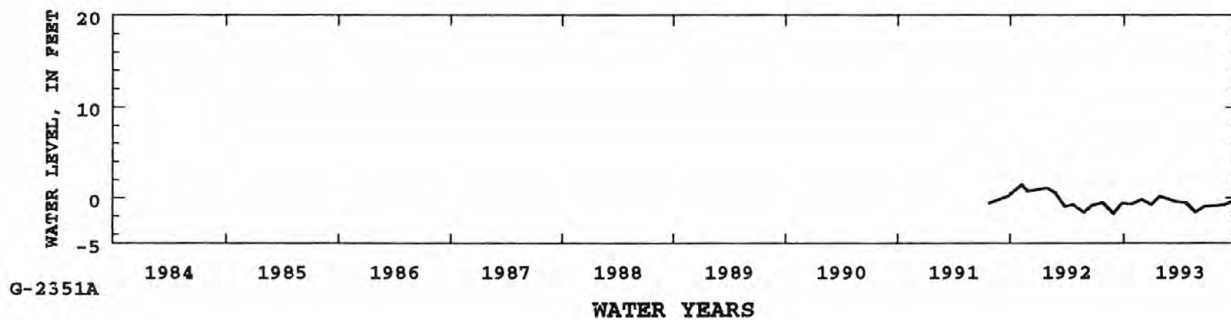
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.43 ft NGVD, Nov. 7, 1991; lowest measured, 1.75 ft below NGVD, Aug. 29, 1992.

255910080085801 - G -2351A

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
28...	1130	27000	9300	-0.7	19...	1008	26800	9100	-0.51
NOV					MAY				
30...	1040	26800	9100	-0.17	19...	1035	27300	9400	-1.56
DEC					JUN				
28...	1040	26400	8900	-0.76	17...	1540	25000	9700	-0.91
JAN					JUL				
26...	1245	26100	9400	0.18	21...	1000	25500	9300	-0.86
FEB					AUG				
23...	1200	26900	9300	--	19...	1115	27100	9500	-0.78
MAR					SEP				
22...	1645	26500	9500	-0.47	21...	1230	27100	9300	-0.31



BROWARD COUNTY

WELL NUMBER.--255910080085802. Local Number G 2294. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'10", long 80°08'58", in SW1/4NW1/4NW1/4 sec.27, T.51 S., R.42 E., Hydrologic Unit 03090202, 19 ft north of Northwest 1st Street and 10 ft west of Northwest 1st Avenue at the northwest corner of Northwest 1st Street and Northwest 1st Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 139 ft, cased to 135 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.51 ft above land-surface datum.

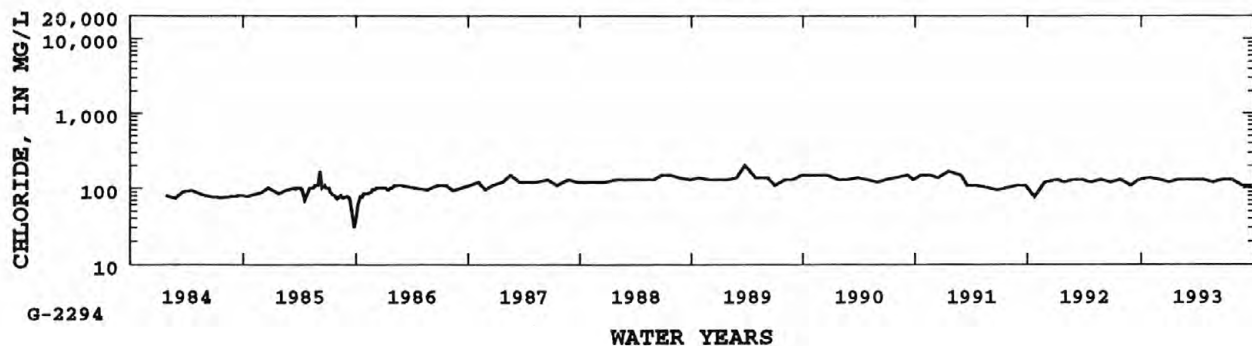
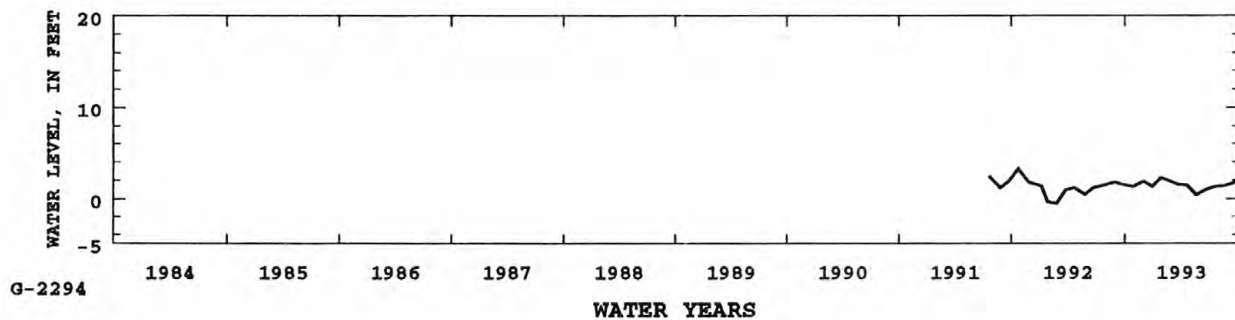
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.21 ft NGVD, Oct. 23, 1991; lowest measured, 0.54 ft below NGVD, Feb. 24, 1992.

255910080085802 - G -2294

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-	ATION			CON-	DIS-	ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
28...	1125	835	140	1.27	19...	1000	775	130	1.42
NOV					MAY				
30...	1035	800	130	1.82	19...	1025	758	120	0.41
DEC					JUN				
28...	1040	789	120	1.28	17...	1536	779	130	0.92
JAN					JUL				
26...	1230	797	130	2.24	21...	0940	802	130	1.29
FEB					AUG				
23...	1155	740	130	--	19...	1055	737	110	1.36
MAR					SEP				
22...	1635	733	130	1.51	21...	1207	740	110	1.72



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--255916080085401. Local Number G 1472. USGS Observation Well at Hallandale, FL.

LOCATION.--Lat 25°59'16", long 80°08'54", in NW1/4NW1/4 sec.27, T.51 S., R.42 E., Hydrologic Unit 03090202, 40 ft east of FEC railroad tracks, 300 ft south of Northeast 2nd Street in Hallandale, and 0.5 mi west of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.76 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980, land-surface datum was considered to be 10.00 ft NGVD. See PERIOD OF RECORD. Measuring point: Top of casing, 3.00 ft above land-surface datum.

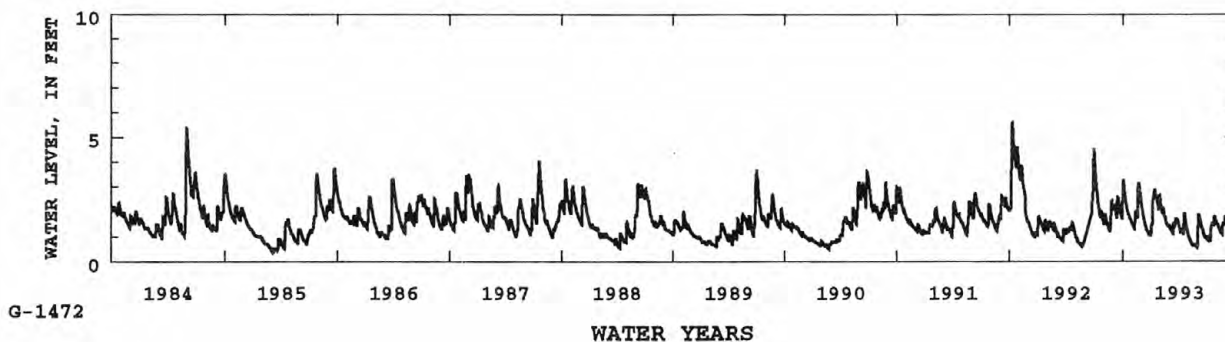
PERIOD OF RECORD.--October 1969 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD, prior to October 1, 1980 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.55 ft NGVD, Oct.10, 1991; lowest, 0.23 ft NGVD, Apr. 14, 1979.

STATION NUMBER 255916080085401 G -1472
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.00	1.36	1.86	2.33	2.13	1.25	1.22	.85	1.66	.94	1.37	1.49
10	2.41	1.97	1.54	2.88	1.94	1.12	1.15	.72	1.44	.82	1.24	1.35
15	2.04	1.86	1.32	2.57	1.67	1.47	1.04	.63	1.21	1.58	1.10	1.99
20	1.87	3.10	1.19	2.35	1.47	1.68	1.65	.67	1.03	1.47	1.47	2.01
25	1.67	2.82	1.05	2.13	1.37	1.66	1.28	.58	.91	1.67	1.73	1.70
EOM	1.51	2.26	1.18	2.23	1.42	1.38	1.00	1.73	.86	1.48	1.73	2.67
MEAN	2.18	2.15	1.41	2.36	1.73	1.43	1.31	.74	1.26	1.34	1.43	1.76
MAX	3.26	3.12	2.17	2.89	2.14	1.69	1.94	1.73	1.86	1.78	1.82	2.67
MIN	1.51	1.30	1.01	1.38	1.37	1.05	1.00	.56	.86	.80	1.08	1.32

WTR YR 1993 MEAN 1.59 MAX 3.26 MIN .56



BROWARD COUNTY

WELL NUMBER.--255916080090401. Local Number G 1435. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'16", long 80°09'04", in NE1/4NE1/4NE1/4 sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 8 ft north of Northwest 2nd Street and 75 ft east of Northwest 3rd Avenue at northeast corner of Northwest 3rd Avenue and Northwest 2nd Street.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 204 ft, cased to 196 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.77 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .090 ft below land-surface datum.

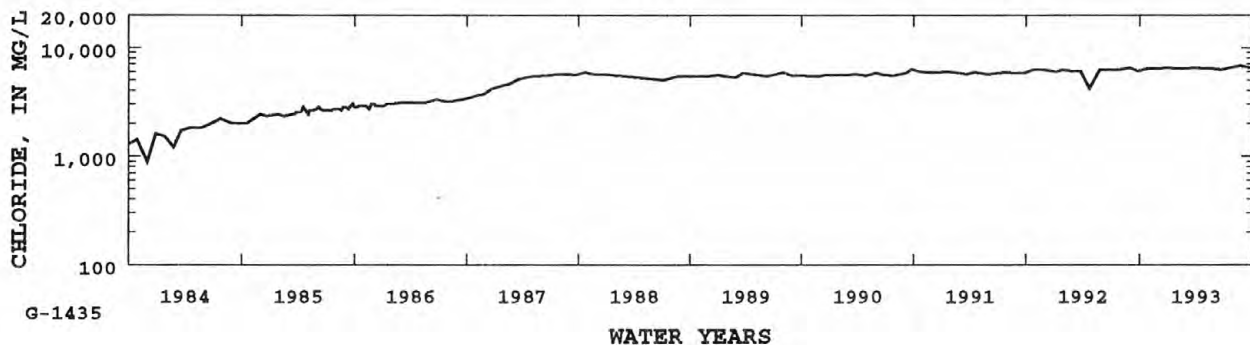
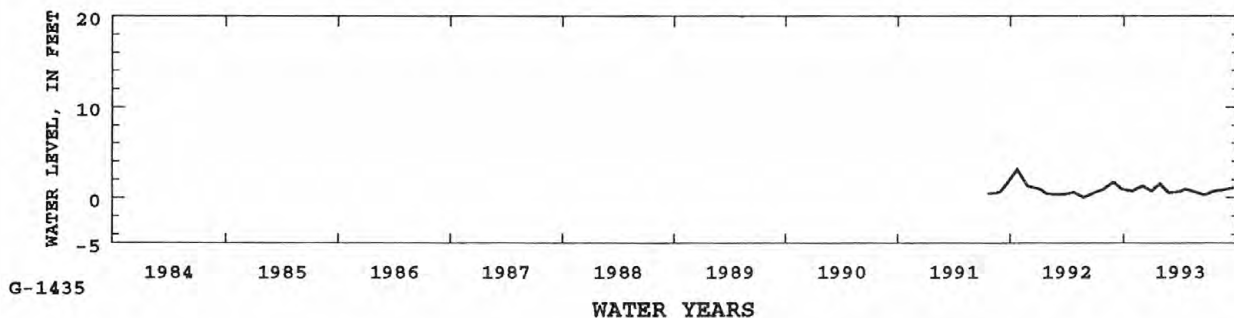
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.80 ft NGVD, Oct. 4, 1979; lowest measured, 0.05 ft NGVD, May 26, 1992.

255916080090401 - G -1435

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	(MG/L	NGVD			SOLVED	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
28...	1145	18600	6400	0.74	19...	1020	18600	6400	0.95
NOV					MAY				
30...	1050	18900	6400	1.28	19...	1040	18700	6400	--
DEC					JUN				
28...	1050	19200	6500	0.73	18...	0720	17300	6200	0.33
JAN					JUL				
26...	1300	19400	6400	1.50	21...	1025	19000	6500	0.72
FEB					AUG				
23...	1220	18400	6400	0.50	19...	1145	18900	6800	0.84
MAR					SEP				
29...	1100	18800	6500	0.66	21...	1250	18900	6500	1.09



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--255918080091801. Local Number G 1473. USGS Observation Well at Hallandale, FL.

LOCATION.--Lat 25°59'18", long 80°09'18", in NW1/4NE1/4 sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 40 ft southwest of water tank in the Hallandale Water Plant at Northwest 6th Avenue and 2nd Street in Hallandale.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 132 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.95 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980, land-surface datum was considered to be 11.22 ft NGVD. See PERIOD OF RECORD. Measuring point: Top of casing, 3.50 ft above land-surface datum.

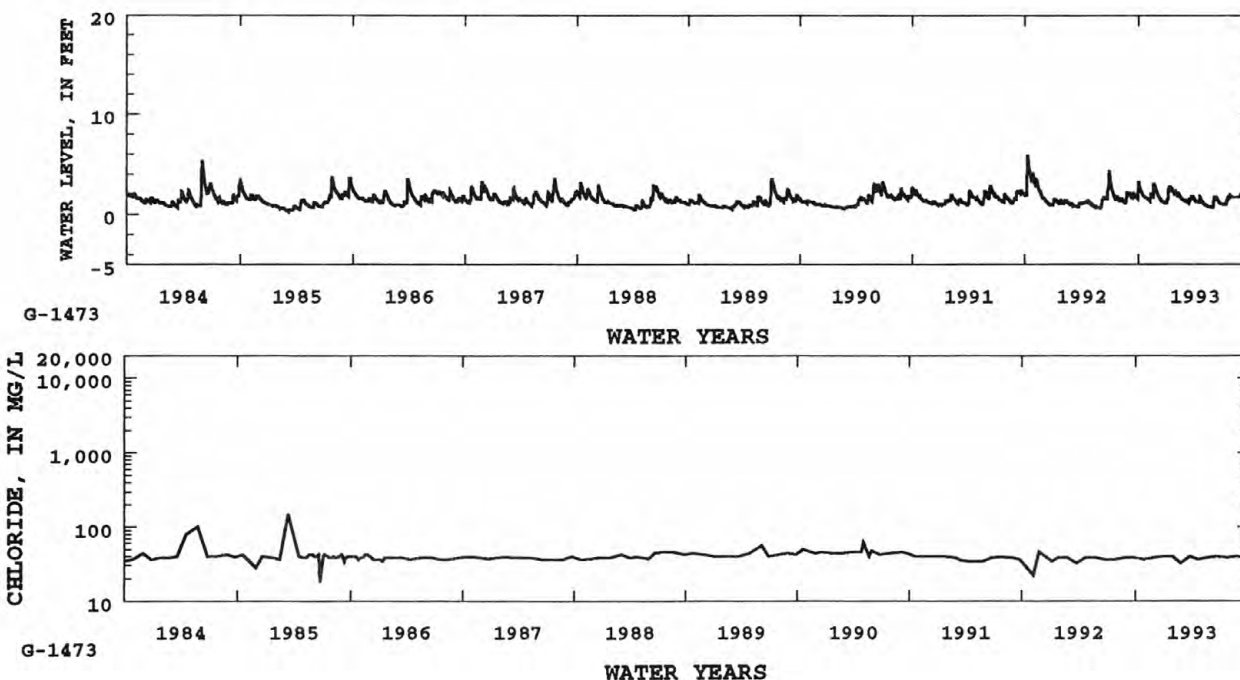
PERIOD OF RECORD.--November 1969 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water level as elevation, in feet NGVD, prior to Oct. 1, 1980, are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.88 ft NGVD, Oct. 8, 1991; lowest, 0.21 ft NGVD, Apr. 19, 21, and 22, 1971.

STATION NUMBER 255918080091801 G -1473
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.73	1.41	1.76	2.45	2.07	1.29	1.27	.93	1.70	1.03	---	1.67
10	2.23	2.00	1.51	2.72	1.84	1.18	1.26	.83	1.53	1.02	---	1.53
15	1.89	1.90	1.34	2.54	1.59	1.46	1.15	.77	1.28	1.73	---	2.11
20	1.77	3.01	1.25	2.25	1.45	1.76	1.47	.78	1.10	1.61	1.73	2.08
25	1.64	2.63	1.14	2.13	1.38	1.70	1.20	.71	1.06	1.78	1.95	1.76
EOM	1.50	2.12	1.26	2.07	1.44	1.40	1.01	1.61	1.00	---	1.86	2.45
MEAN	2.06	2.11	1.41	2.25	1.67	1.47	1.29	.84	1.33	---	---	1.85
MAX	3.17	3.01	2.04	2.72	2.07	1.79	1.67	1.61	1.70	---	---	2.45
MIN	1.50	1.35	1.13	1.43	1.38	1.13	1.01	.67	1.00	---	---	1.53

CAL YR 1992 MEAN 1.52 MAX 4.27 MIN .56



BROWARD COUNTY

WELL NUMBER.--255919080091202. Local Number G 2409. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'19", long 80°09'12", in NW1/4NE1/4NE1/4 sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 10 ft north from south corner of building on southeast corner of Northwest 3rd Street and Northwest 5th Avenue in Hallandale.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 84 ft, cased to 83 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.22 ft below land-surface datum.

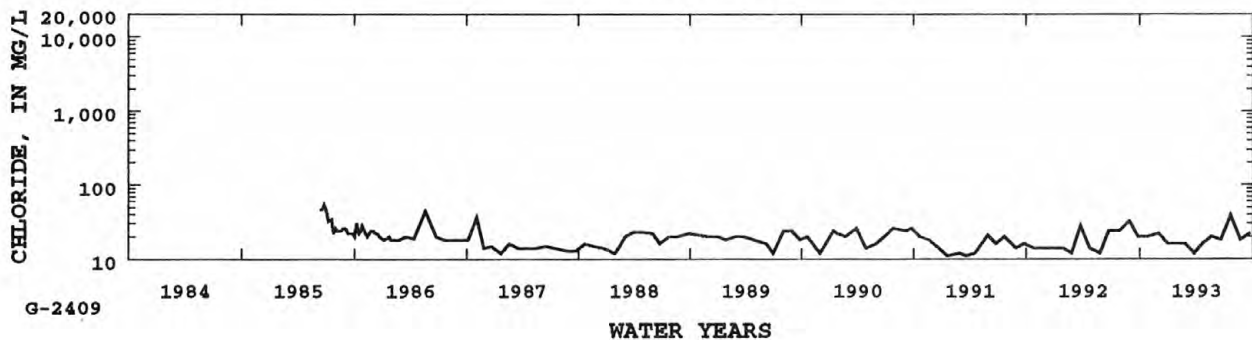
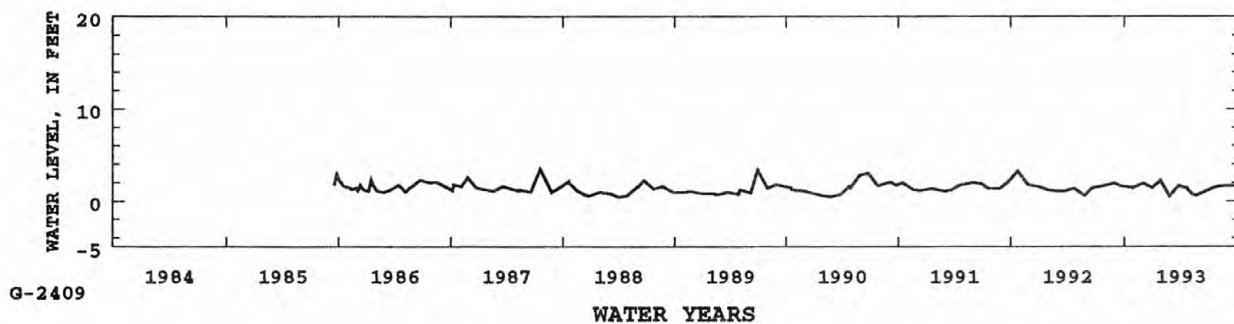
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--September 1985 to February 1986 (weekly), March 1986 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.43 ft NGVD, July 20, 1987; lowest measured, 0.45 ft NGVD, Feb. 21, 1990.

255919080091202 - G -2409

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
27...	0927	--	--	1.51	19...	1045	564	16	1.41
28...	1210	464	20	1.45	MAY				
NOV					06...	0928	--	--	0.76
30...	1120	465	22	1.94	19...	1105	496	20	0.60
DEC					JUN				
28...	1115	564	16	1.44	18...	0800	432	18	1.04
JAN					JUL				
26...	1315	580	16	2.20	21...	1105	455	38	1.52
FEB					AUG				
23...	1245	547	16	0.53	19...	1220	449	18	1.65
MAR					SEP				
24...	0915	510	12	1.64	21...	1325	442	22	1.64



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--255919080091203. Local Number G 2410. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'19", long 80°09'12", in NW1/4NE1/4NE1/4 sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 2 ft north of sidewalk and 1 ft north of G 2409 across from building on southeast corner of Northwest 3rd Street and Northwest 5th Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.25 in., depth 206 ft, cased to 205 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.28 ft below land-surface datum.

REMARKS.--Well also used for salinity monitoring.

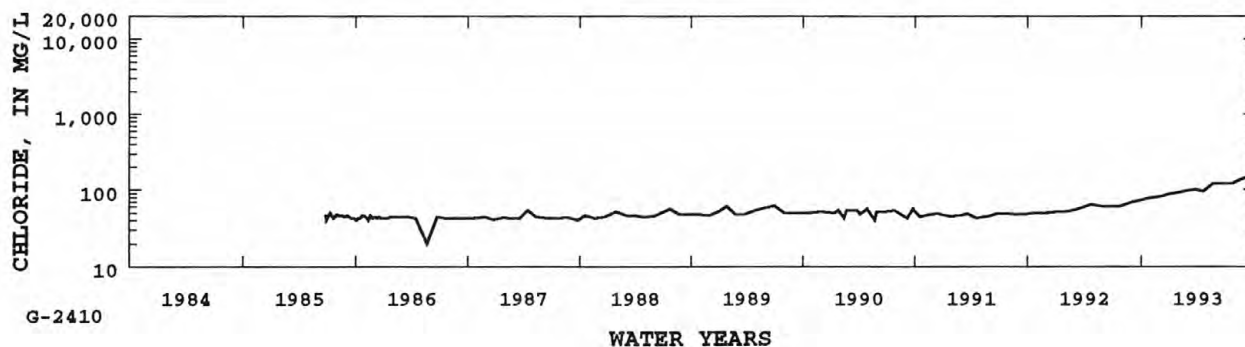
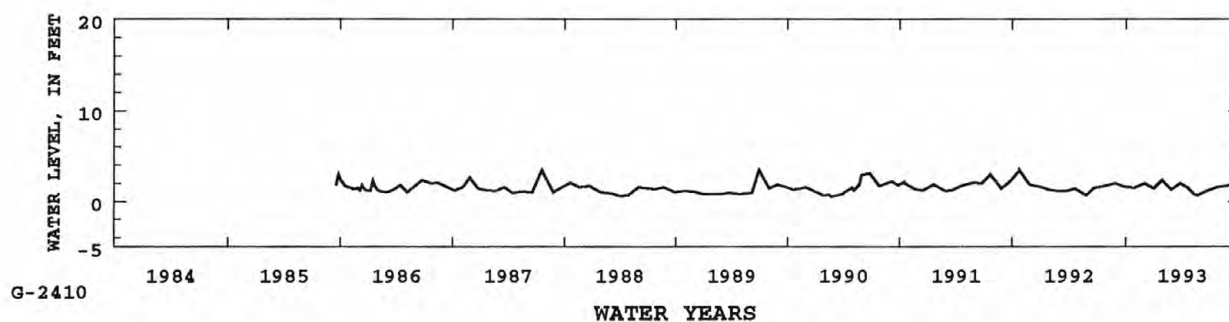
PERIOD OF RECORD.--September 1985 to February 1986 (weekly), March 1986 to November 1986 (intermittent), December 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.42 ft NGVD, June 29, 1989; lowest measured, 0.55 ft NGVD, Feb. 21, 1990.

255919080091203 - G -2410

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
27...	0929	--	--	1.53	19...	1035	750	96	1.49
28...	1200	778	78	1.52	MAY				
NOV					06...	0929	--	--	0.82
30...	1115	705	82	2.02	19...	1100	804	120	0.63
DEC					JUN				
28...	1100	729	88	1.45	18...	0755	760	120	1.15
JAN					JUL				
26...	1310	743	92	2.37	21...	1055	843	120	1.59
FEB					AUG				
23...	1235	750	98	1.31	19...	1210	851	140	1.70
MAR					SEP				
24...	0910	773	100	2.00	21...	1322	865	150	1.90



BROWARD COUNTY

WELL NUMBER.--255936080091701. Local Number G 2477. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'36", long 80°09'17", in SE1/4NW1/4SE1/4 sec.21, T.51 S., R.42 E., Hydrologic Unit 03090202, at northwest corner of intersection of Northwest 6th Avenue and Northwest 8th Street, 82 ft west of Northwest 6th Avenue and 11 ft north of Northwest 8th Street.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 80 ft, cased to 75 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.24 ft below land-surface datum.

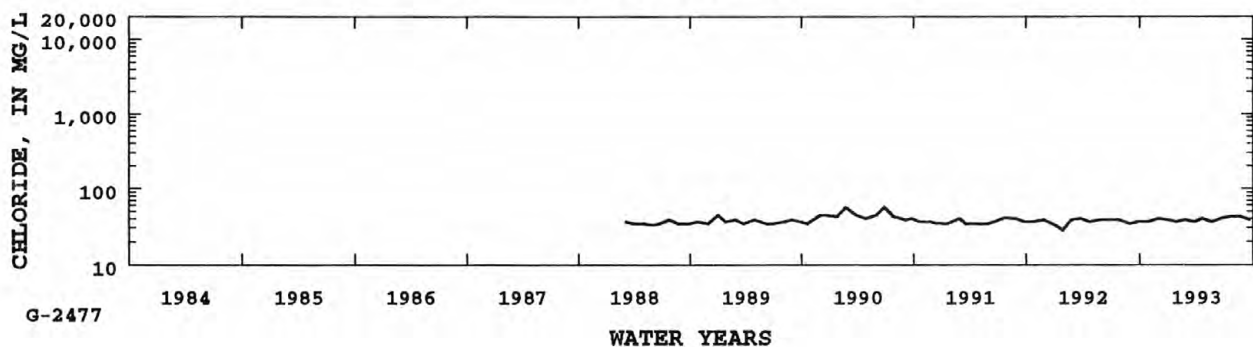
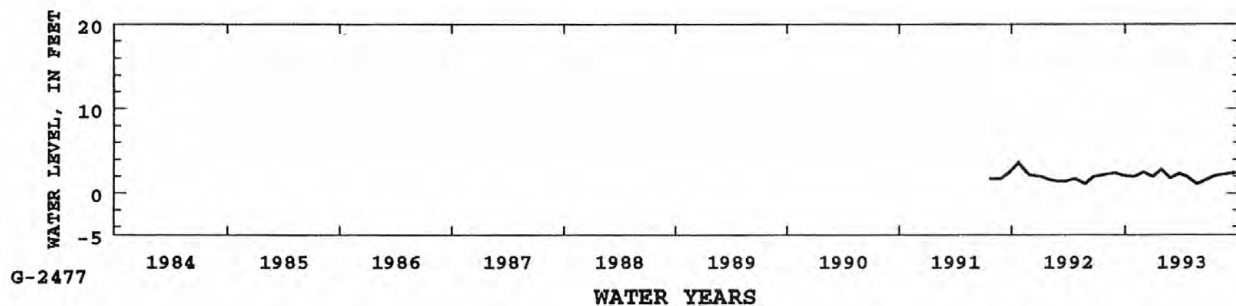
REMARKS.--Well also used for salinity monitoring since 1988 water year.

PERIOD OF RECORD.--July 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.64 ft NGVD, Oct. 23, 1991; lowest measured, 1.14 ft NGVD, May 26, 1992 and May 19, 1993.

255936080091701 - G -2477

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
28...	1240	606	36	1.96	19...	1115	580	40	1.95
NOV					MAY				
30...	1135	580	40	2.46	19...	1145	600	36	1.14
DEC					JUN				
28...	1130	765	38	1.94	18...	0915	520	40	1.57
JAN					JUL				
26...	1355	580	36	2.74	21...	1145	660	42	2.09
FEB					AUG				
23...	1305	705	38	1.81	19...	1305	576	42	2.21
MAR					SEP				
24...	1009	660	36	2.34	21...	1420	577	38	2.39



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--255936080091702. Local Number G 2478. USGS Observation Well near Hallandale, FL.

LOCATION.--Lat 25°59'36", long 80°09'17", in SE1/4NW1/4SE1/4 sec.21, T.51 S., R.42 E., Hydrologic Unit 03090202, at northwest corner of intersection of Northwest 6th Avenue and Northwest 8th Street, 60 ft west of Northwest 6th Avenue and 11 ft north of Northwest 8th Street.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 200 ft, cased to 195 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.32 ft below land-surface datum.

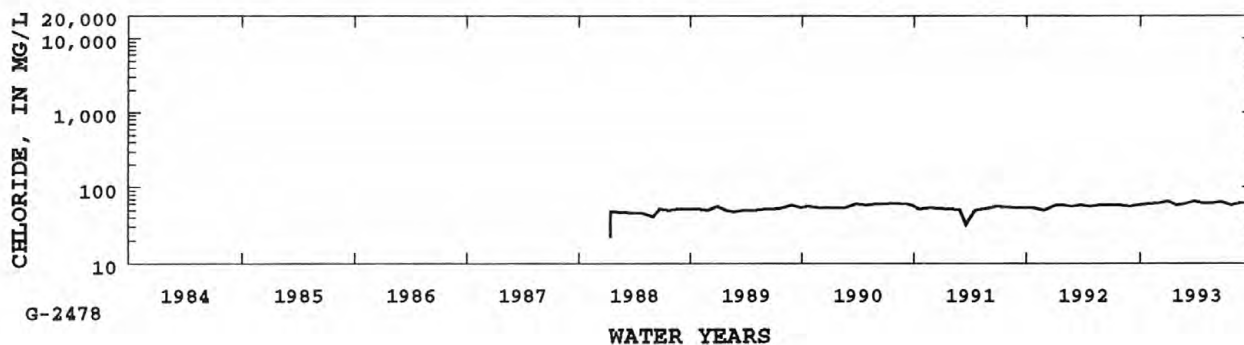
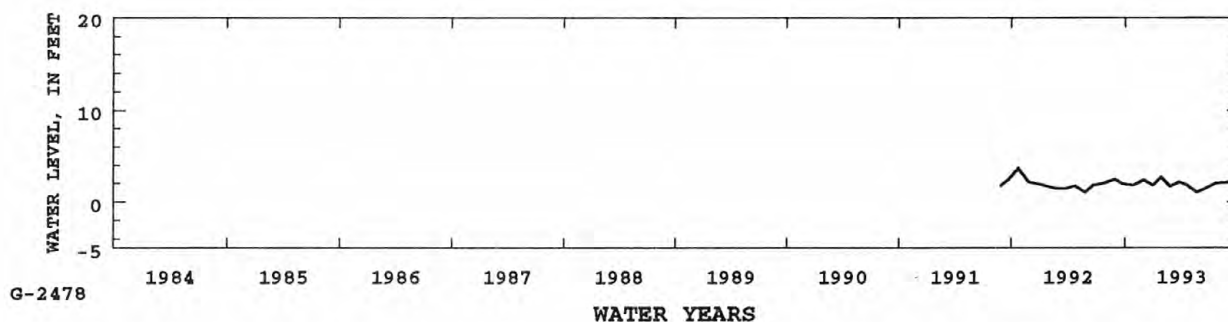
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--August 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.66 ft NGVD, Oct. 23, 1991; lowest measured, 1.03 ft NGVD, May 26, 1992 and May 19, 1993.

255936080091702 - G -2478

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
28...	1245	650	60	1.86	19...	1130	800	62	1.83
NOV					MAY				
30...	1140	650	62	2.39	19...	1115	652	62	1.03
DEC					JUN				
28...	1130	590	65	1.85	18...	0900	586	64	1.50
JAN					JUL				
26...	1405	648	58	2.63	21...	1310	656	58	2.03
FEB					AUG				
23...	1330	648	60	1.68	19...	1325	642	62	2.11
MAR					SEP				
24...	1000	890	65	2.20	21...	1427	642	62	2.28



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

45

WELL NUMBER.--260010080085001. Local Number F 291. USGS Observation Well at Hollywood, FL.

LOCATION.--Lat 26°00'10", long 80°08'50", in NW1/4NW1/4 sec.22, T.51 S., R.42 E., Hydrologic Unit 03090202, at South 20th Avenue and Dewey Street in Hollywood, and 1.1 mi west of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, water-table well, diameter 6 in., depth 107 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 9.16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.90 ft above land-surface datum.

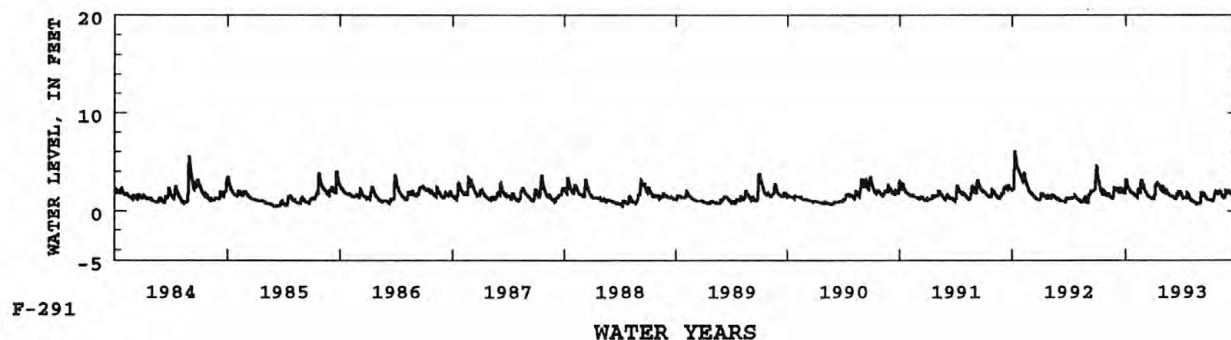
PERIOD OF RECORD.--January 1939 to current year. Records of water levels prior to January, 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.26 ft NGVD, October 5, 1948; lowest, 0.16 ft NGVD, July 2, 1952.

STATION NUMBER 260010080085001 F - 291
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.84	1.48	1.88	2.56	2.18	1.38	1.39	.96	1.79	1.11	1.68	1.74
10	2.33	2.13	1.61	2.82	2.00	1.24	1.36	.87	1.63	1.10	1.44	1.61
15	2.04	2.04	1.43	2.60	1.72	1.54	1.23	.83	1.37	1.92	1.32	2.09
20	1.88	3.05	1.36	2.32	1.55	1.92	1.57	.84	1.20	1.86	1.92	2.15
25	1.76	2.78	1.22	2.23	1.46	1.88	1.28	.80	1.16	1.92	1.97	1.86
EOM	1.61	2.24	1.39	2.20	1.51	1.52	1.07	1.71	1.09	1.83	1.96	2.39
MEAN	2.17	2.21	1.51	2.36	1.78	1.59	1.39	.90	1.43	1.58	1.73	1.91
MAX	3.19	3.07	2.16	2.82	2.18	1.99	1.77	1.71	1.84	2.00	2.04	2.39
MIN	1.61	1.42	1.22	1.52	1.46	1.20	1.07	.76	1.09	1.03	1.30	1.58

WTR YR 1993 MEAN 1.71 MAX 3.19 MIN .76



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--260032080135701. Local Number G 1225. USGS Observation Well at Hollywood, FL.

LOCATION.--Lat 26°00'32", long 80°13'57", in NE1/4SE1/4 sec.15, T.41 S., R.41 E., Hydrologic Unit 03090202, at corner of Hollywood Blvd. and Southwest 72nd Avenue in Hollywood.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 11 ft.

REVISED RECORDS.--WDR FL-81-2B: 1980.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 7.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.72 ft above land-surface datum. (corrected).

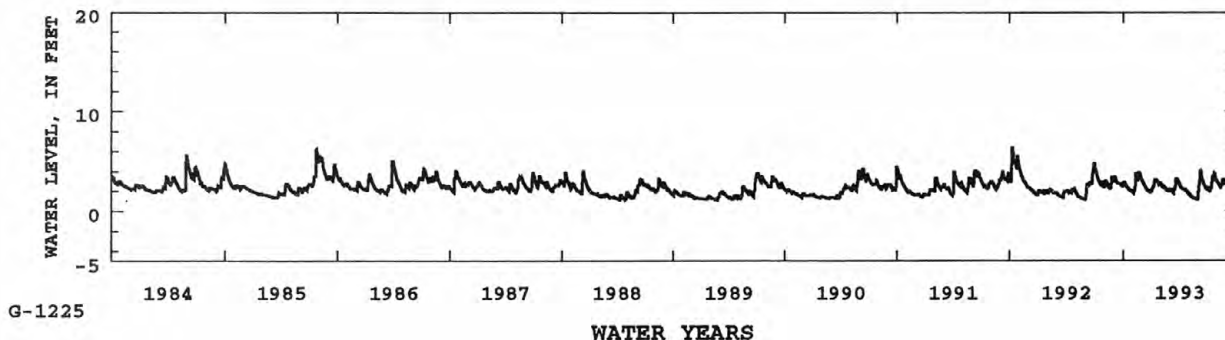
PERIOD OF RECORD.--January 1962 to December 1981, April 1982 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.29 ft NGVD, Oct. 9, 1991; lowest, 0.70 ft NGVD, April 30 and May 1, 1971.

STATION NUMBER 260032080135701 G -1225
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.85	2.04	2.73	2.35	2.44	1.97	2.30	1.52	3.93	2.00	2.59	2.72
10	2.57	3.69	2.43	3.09	2.34	1.82	2.17	1.38	3.43	2.20	2.27	2.53
15	2.27	3.32	2.15	3.06	2.16	2.18	2.01	1.29	2.83	3.45	2.62	3.69
20	2.11	3.81	2.02	2.87	2.02	3.17	2.04	1.25	2.45	3.69	3.10	3.36
25	1.98	3.63	1.90	2.66	1.97	3.04	1.86	1.14	2.37	3.20	2.83	2.85
EOM	1.87	3.09	1.99	2.62	2.14	2.61	1.69	2.10	2.21	2.84	2.94	2.74
MEAN	2.33	3.09	2.25	2.74	2.22	2.47	2.09	1.36	2.83	2.80	2.75	2.97
MAX	2.89	3.84	3.00	3.15	2.57	3.17	2.58	2.10	3.97	3.71	3.14	3.73
MIN	1.87	1.80	1.81	2.10	1.97	1.77	1.69	1.11	2.20	1.95	2.25	2.53

CAL YR 1992 MEAN 2.34 MAX 4.87 MIN 1.06
WTR YR 1993 MEAN 2.49 MAX 3.97 MIN 1.11



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

47

WELL NUMBER.--260035080101501. Local Number G 1597. USGS Observation Well near Hollywood, FL.

LOCATION.--Lat 26°00'35", long 80°10'15", in SE1/4NW1/4NE1/4 sec.17, T.51 S., R.42 E., Hydrologic Unit 03090202, 6.4 ft west from edge of Calle Grande Street at southwest corner of intersection with Harrison Street.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 163 ft, cased to 155 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .46 ft below land-surface datum.

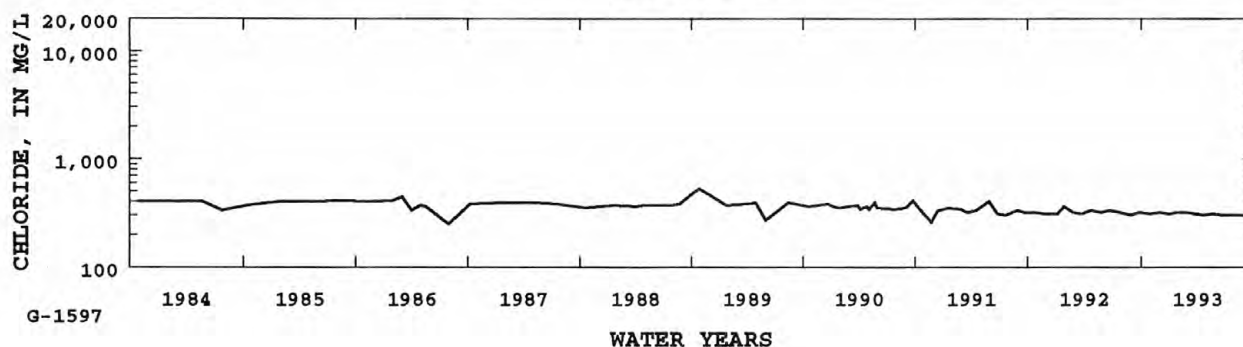
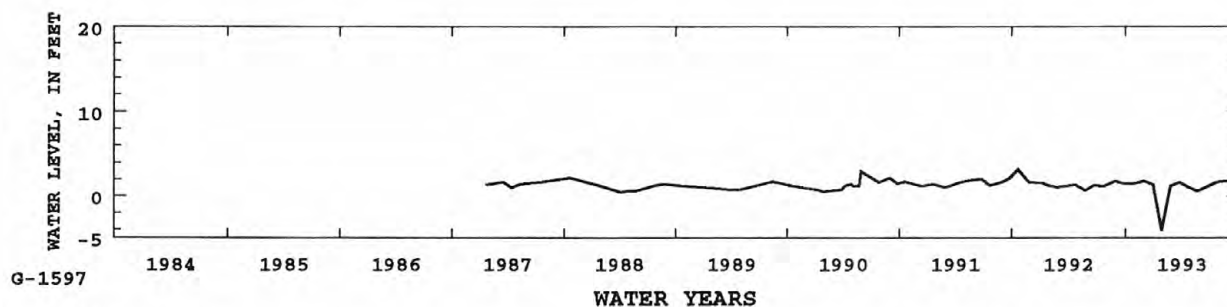
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--January 1987 to May 1990 (intermittent), July 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.13 ft NGVD, Oct. 22, 1991; lowest measured, 0.48 ft NGVD, Apr. 4, 1988.

260035080101501 - G -1597

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-		DATE	TIME	SPE-	CHLO-
		CIFIC	RIDE,	ATION				CIFIC	RIDE,
		CON-	DIS-	ATION				CON-	DIS-
		DUCT-	SOLVED	ABOVE				DUCT-	SOLVED
		ANCE	(MG/L	NGVD				ANCE	(MG/L
		(US/CM)	AS CL)	(FEET)				(US/CM)	AS CL)
OCT						MAY			
28...	1410	1300	310	1.48		19...	1320	1450	310
NOV						JUN			
30...	1245	1490	320	1.83		18...	1035	1280	300
DEC						JUL			
28...	1245	1400	310	1.39		21...	1420	1390	300
FEB						AUG			
23...	1430	1520	320	1.21		19...	1425	1380	300
MAR						SEP			
24...	1115	1410	310	1.66		22...	1412	1350	290
APR									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--260040080104401. Local Number G 2035. USGS Observation Well at Hollywood, FL.

LOCATION.--Lat 26°00'40", long 80°10'44", in SE1/4NW1/4 sec.17, T.51 S., R.42 E., Hydrologic Unit 03090202, at Hollywood Water Plant at northeast corner of 35th Avenue and Hollywood Blvd., and 0.7 mi west of Interstate 95.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 4 in., depth 52 ft, cased to 50 ft.

REVISED RECORDS.--WDR FL-85-2B: 1976.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 13.16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.10 ft above land-surface datum.

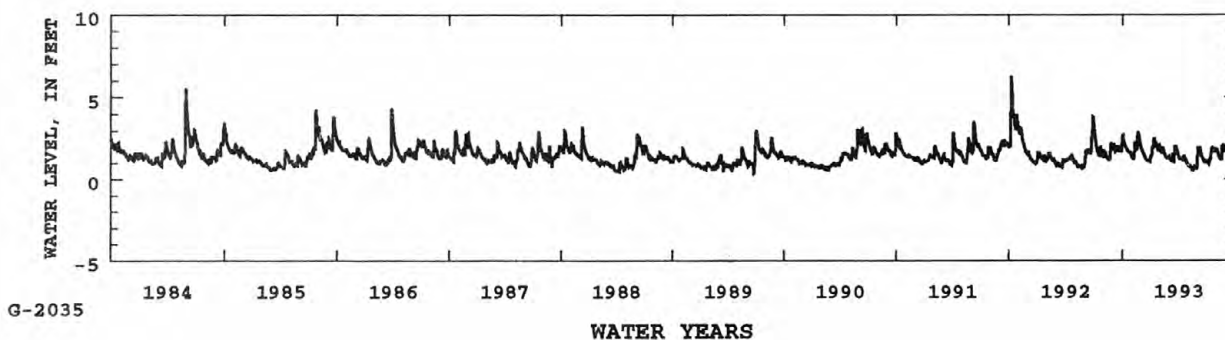
PERIOD OF RECORD.--February 1972 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.26 ft NGVD, Oct. 8, 1991; lowest, 0.22 ft NGVD, Apr. 25, 1981.

STATION NUMBER 260040080104401 G -2035
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.44	1.35	1.71	1.95	1.93	1.23	1.28	.79	1.95	1.04	1.57	1.62
10	2.08	2.26	1.48	2.43	1.73	1.10	1.31	.70	1.60	1.21	1.34	1.47
15	1.84	1.94	1.26	2.26	1.44	1.28	1.12	.68	1.30	1.88	1.23	2.03
20	1.70	2.87	1.16	2.03	1.36	2.01	1.27	.69	1.10	1.80	1.82	1.98
25	1.64	2.55	1.15	1.88	1.25	1.80	1.06	.63	1.16	1.83	1.98	1.71
EOM	1.42	1.98	1.34	1.82	1.34	1.37	.87	1.75	1.01	1.79	---	2.02
MEAN	1.93	2.06	1.37	2.00	1.54	1.49	1.20	.77	1.40	1.53	---	---
MAX	2.69	2.88	1.89	2.48	1.93	2.01	1.42	1.75	1.95	1.89	---	---
MIN	1.42	1.28	1.09	1.42	1.25	1.04	.87	.59	.98	.94	---	---

CAL YR 1992 MEAN 1.53 MAX 3.82 MIN .71



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

49

WELL NUMBER.--260041080093101. Local Number G 2425. USGS Observation Well near Hollywood, FL.

LOCATION.--Lat 26°00'41", long 80°09'31", in SW1/4SW1/4NE1/4 sec.16, T.51 S., R.42 E., Hydrologic Unit 03090202, in grassy area 50 ft east of parking lots 14 and 15 in the northeast quadrant of the city hall circle at Hollywood Boulevard and South 26th Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 3 in., depth 203 ft, cased to 203 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .35 ft below land-surface datum.

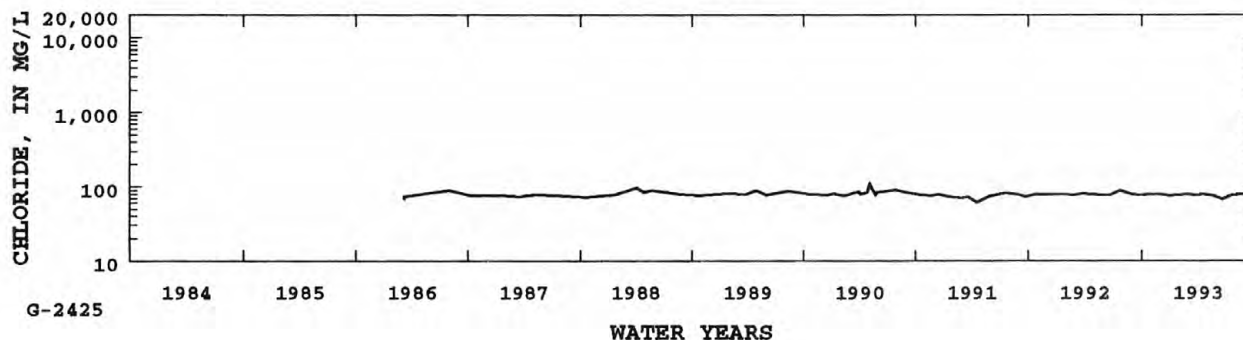
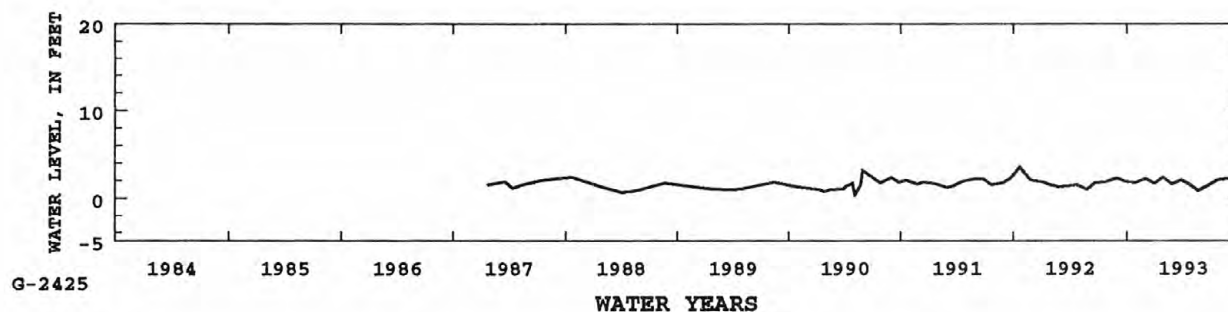
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--January 1987 to December 1989 (intermittent), December 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.45 ft NGVD, Oct. 22, 1991; lowest measured, 0.37 ft NGVD, May 4, 1990.

260041080093101 - G -2425

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
28...	1330	762	80	1.69	19...	1200	780	80	1.54
NOV					MAY				
30...	1215	760	80	2.14	19...	1245	734	76	0.82
DEC					JUN				
28...	1207	751	76	1.64	18...	1005	715	68	1.33
JAN					JUL				
26...	1440	771	78	2.29	21...	1350	752	78	1.99
FEB					AUG				
23...	1355	809	80	1.52	19...	1355	738	80	2.10
MAR					SEP				
24...	1040	760	78	1.95	21...	1338	724	80	2.08



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--260053080105701. Local Number G 1226. USGS Observation Well in Hollywood, FL.

LOCATION.--Lat 26°00'53", long 80°10'57", in NW1/4NW1/4 sec.17, T.51 S., R.42 E., Hydrologic Unit 03090202, at center of boulevard 1,500 ft southwest of Johnson Street in Hollywood, 0.3 mi north of Hollywood Blvd., and 1.7 mi east of State Road 441.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 14 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 0.16 ft above land-surface datum. (corrected).

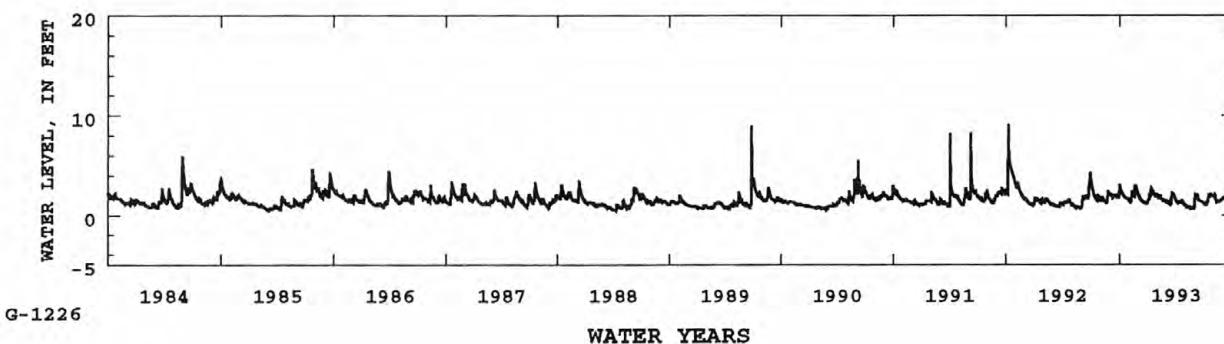
PERIOD OF RECORD.--January 1962 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.97 ft NGVD, June 26, 1989; lowest, 0.30 ft NGVD, Apr. 14, 1979.

STATION NUMBER 260053080105701 G -1226
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.52	1.42	1.69	2.23	2.00	1.28	1.34	.83	2.05	1.09	1.64	1.70
10	2.13	2.34	1.47	2.71	1.81	1.13	1.35	.73	1.66	1.31	1.38	1.56
15	1.88	1.99	1.33	2.38	1.54	1.35	1.14	.71	---	2.06	1.28	2.09
20	1.75	2.95	1.27	2.08	1.39	2.13	1.31	.73	---	2.16	---	2.07
25	1.68	2.59	1.17	1.94	1.32	1.87	1.13	.69	---	1.97	---	1.78
EOM	1.48	2.02	1.40	1.90	1.41	1.45	.91	1.99	1.11	1.90	---	2.07
MEAN	1.99	2.14	1.41	2.09	1.60	1.58	1.25	.82	---	1.64	---	---
MAX	3.06	2.95	1.98	2.71	2.00	2.32	1.48	1.99	---	2.16	---	---
MIN	1.48	1.34	1.16	1.46	1.32	1.06	.91	.66	---	1.01	---	---

CAL YR 1992 MEAN 1.60 MAX 4.31 MIN .73



BROWARD COUNTY

WELL NUMBER.--260054080103301. Local Number G 1240. USGS Observation Well near Hollywood, FL.

LOCATION.--Lat 26°00'54", long 80°10'33", in NE1/4NW1/4SW1/4 sec.17, T.51 S., R.42 E., Hydrologic Unit 03090202, 23.9 ft west of nail east of median, 11.0 ft east of nail west of median, north of intersection of Pearce Street and Park Road.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 200 ft, cased to 197 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .22 ft below land-surface datum.

REMARKS.--Well also used for salinity monitoring.

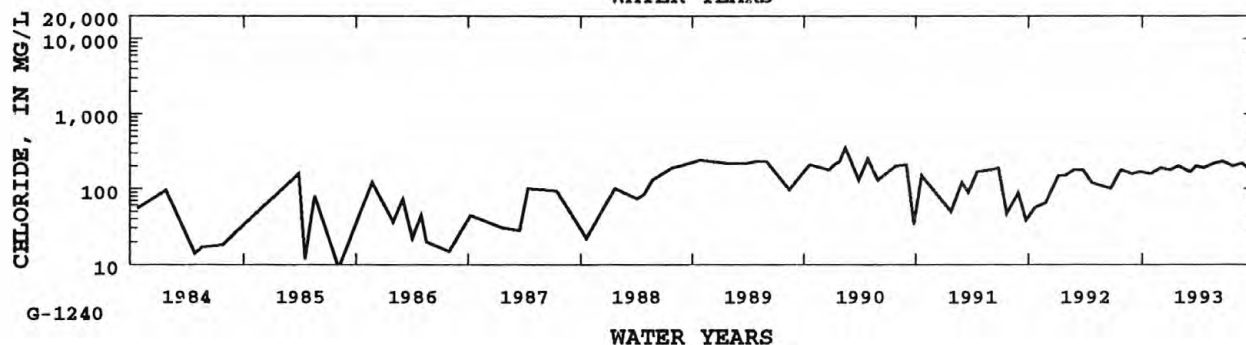
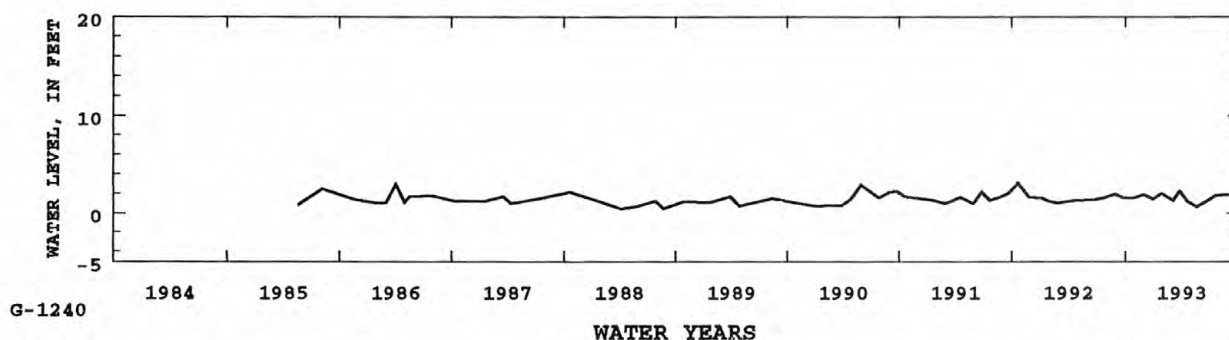
PERIOD OF RECORD.--August 1979 to October 1990 (intermittent). January 1991 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.06 ft NGVD, Oct. 22, 1991; lowest measured, 0.41 ft NGVD, Aug. 23, 1988.

260054080103301 - G -1240

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					MAY				
28...	1355	929	160	1.53	19...	1310	1150	220	0.66
NOV					JUN				
30...	1230	1110	190	1.86	18...	1105	1010	230	1.12
DEC					JUL				
28...	1220	1080	180	1.42	21...	1440	1300	200	1.77
JAN					AUG				
26...	1500	1390	200	2.00	19...	1445	1100	220	1.86
MAR					SEP				
03...	1440	1020	170	1.26	22...	1435	1030	170	1.78
24...	1100	1110	200	2.27					
APR									
19...	1225	1120	190	1.22					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--260653080184901. Local Number G 2034. USGS Observation Well near Davie, FL.

LOCATION.--Lat 26°02'02", long 80°23'07", in NE1/4SE1/4 sec.6, T.51 S., R.40 E., Hydrologic Unit 03090202, at Southwest 178th Avenue (Rolling Oaks Road) and Southwest 68th Court, 1.9 mi south of Griffin Road and east of Mathus Drive, 4.3 mi Southeast of Pump Station 9, and 7.8 mi west of Davie.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 22 ft, cased to 21 ft.

INSTRUMENTATION.--Digital water-level recorder.

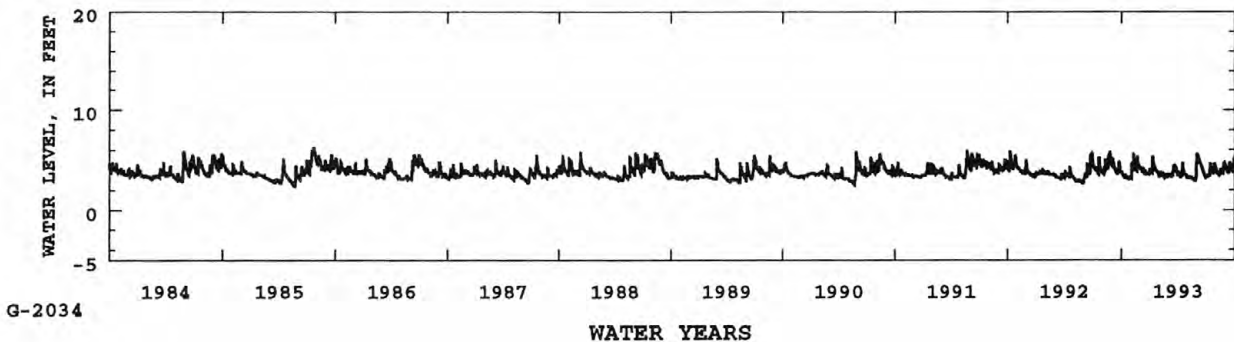
DATUM.--Land-surface datum is 6.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1972 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.19 ft NGVD, July 23, 1985; lowest, 1.49 ft NGVD, May 6, 1975.

STATION NUMBER 260653080184901 G -2034
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.55	4.21	3.98	3.84	3.53	3.40	3.61	3.12	---	3.26	3.63	3.99
10	3.32	5.44	3.92	5.20	3.48	3.33	3.45	3.23	---	3.31	3.46	3.60
15	3.23	4.08	3.68	4.05	3.36	3.39	3.30	3.10	---	4.42	3.57	4.78
20	3.15	4.53	3.61	3.91	3.22	3.87	3.67	3.04	---	3.75	3.67	4.03
25	3.15	4.51	3.53	3.73	3.33	4.27	3.46	2.93	3.43	3.65	3.73	3.76
EOM	3.15	4.17	3.78	3.51	3.52	3.56	3.27	5.59	3.22	4.17	4.18	4.86
MEAN	3.32	4.28	3.75	3.98	3.43	3.70	3.56	3.20	---	3.73	3.86	4.04
MAX	3.75	5.61	4.12	5.32	3.60	4.52	4.72	5.59	---	4.66	4.65	5.15
MIN	3.11	3.15	3.51	3.48	3.22	3.24	3.27	2.89	---	3.25	3.46	3.60



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

53

WELL NUMBER.--260215080214501. Local Number G 2495. USGS Observation Well near Cooper City, FL.

LOCATION.--Lat 26°02'15", long 80°21'45", in SE1/4SE1/4NE1/4 sec.5, T.51 S., R.40 E., Hydrologic Unit 03090202, 1.5 mi north of Sheridan Street and 140 ft west of Dykes Road.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft cased to 7.1 ft.

INSTRUMENTATION.--Digital water-level recorder.

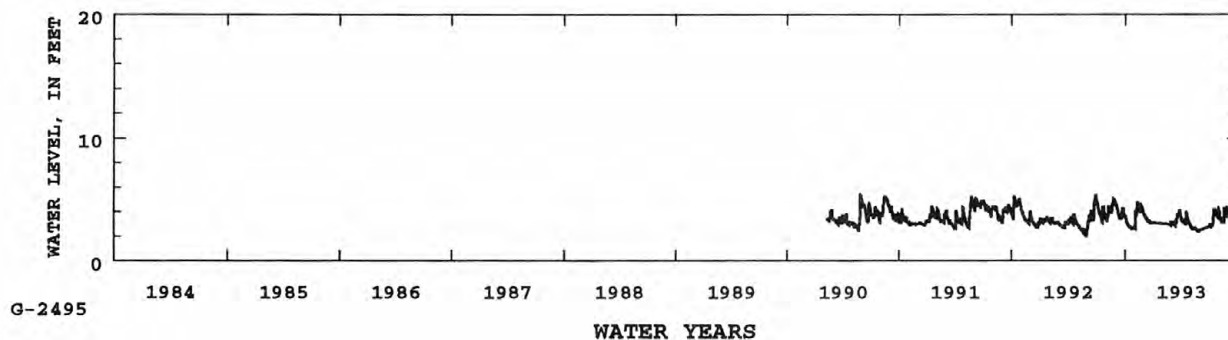
DATUM.--Land-surface datum is 4.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.54 ft above land-surface datum.

PERIOD OF RECORD.--February 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.36 ft NGVD, June 28, 1992; lowest, 2.06 ft NGVD, May 29, 1992.

STATION NUMBER 260215080214501 G -2495
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.36	3.87	3.59	---	---	3.02	3.41	2.64	---	2.83	3.42	3.88
10	2.98	4.80	3.43	---	---	2.93	3.14	2.70	---	2.91	3.15	3.55
15	2.82	4.36	3.25	---	---	3.12	2.93	2.68	---	4.19	3.27	4.65
20	2.72	4.30	3.15	---	---	3.71	3.45	2.56	---	3.87	3.90	4.22
25	2.61	4.40	3.10	---	2.92	4.17	3.04	2.43	---	3.60	3.77	3.76
EOM	2.69	3.89	---	---	3.14	3.39	2.83	---	---	4.10	4.04	3.88
MEAN	2.93	---	---	---	---	3.40	3.22	---	---	3.52	3.70	3.97
MAX	3.67	---	---	---	---	4.17	4.01	---	---	4.21	4.29	4.65
MIN	2.60	---	---	---	---	2.88	2.83	---	---	2.82	3.15	3.55



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--260219080141101. Local Number G 1223. USGS Observation Well at West Hollywood, FL.

LOCATION.--Lat 26°02'19", long 80°14'11", in SE1/4NE1/4 sec.3, T.41 S., R.41 E., Hydrologic Unit 03090202, north of Northwest 33rd Street on Davie Road Extension, and 2.0 mi south of Griffin Road, in West Hollywood.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 12 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.31 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980 land-surface datum was considered to be 5.78 ft NGVD. See PERIOD OF RECORD. Measuring point: Top of casing, 2.00 ft above land-surface datum.

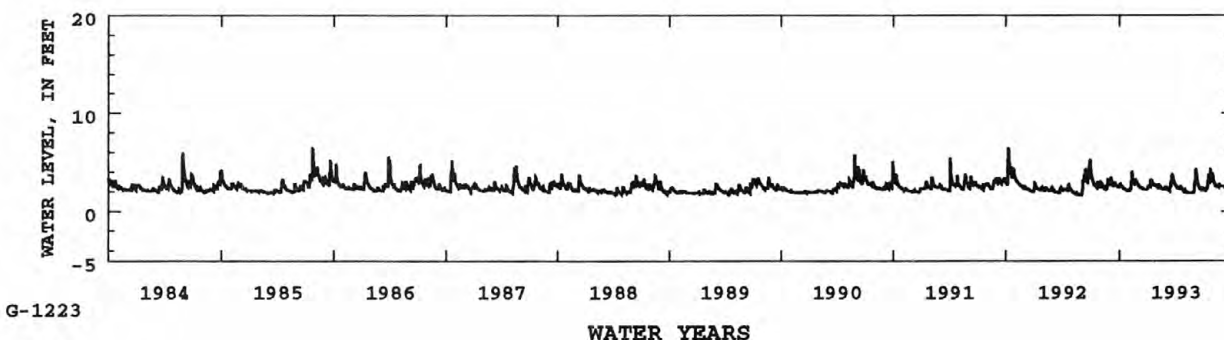
PERIOD OF RECORD.--December 1962 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water level as elevation, in feet NGVD, prior to Oct. 1, 1980 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.45 ft NGVD, Oct. 8, 1991; lowest, 1.18 ft NGVD, Nov. 11, 1968.

STATION NUMBER 260219080141101 G -1223
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.59	2.28	2.47	2.56	2.53	2.17	2.49	1.92	3.64	2.07	2.56	2.42
10	2.46	4.05	2.39	3.16	2.39	2.10	2.33	1.87	2.81	2.27	2.53	2.47
15	2.27	2.90	2.23	2.80	2.25	2.53	2.19	1.86	2.35	3.62	2.52	3.33
20	2.19	3.29	2.17	2.61	2.19	3.62	2.22	1.88	2.19	4.35	2.59	2.76
25	2.10	2.94	2.17	2.52	2.16	2.94	2.14	1.85	2.39	3.18	2.48	2.45
EOM	2.02	2.65	2.30	2.45	2.37	2.54	2.01	3.10	2.17	2.98	2.53	2.74
MEAN	2.30	2.83	2.29	2.68	2.32	2.70	2.26	1.95	2.68	2.95	2.55	2.67
MAX	2.69	4.05	2.58	3.16	2.54	3.69	2.50	3.10	4.30	4.35	2.91	3.33
MIN	2.02	2.02	2.17	2.41	2.16	2.05	2.01	1.84	2.11	2.05	2.34	2.32

CAL YR 1992 MEAN 2.44 MAX 5.26 MIN 1.58
WTR YR 1993 MEAN 2.52 MAX 4.35 MIN 1.84



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

55

WELL NUMBER.--260252080085301. Local Number G 1224. USGS Observation Well at Dania, FL.

LOCATION.--Lat 26°02'52", long 80°08'53", in NW1/4NW1/4 sec.3, T.41 S., R.42 E., Hydrologic Unit 03090202, on Southwest 2nd Terrace, east of Phippen Road and 100 ft west of F.E.C. Railroad near Dania, and 400 ft south of Sterling Road.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 12 ft.

INSTRUMENTATION.--Digital water-level recorder.

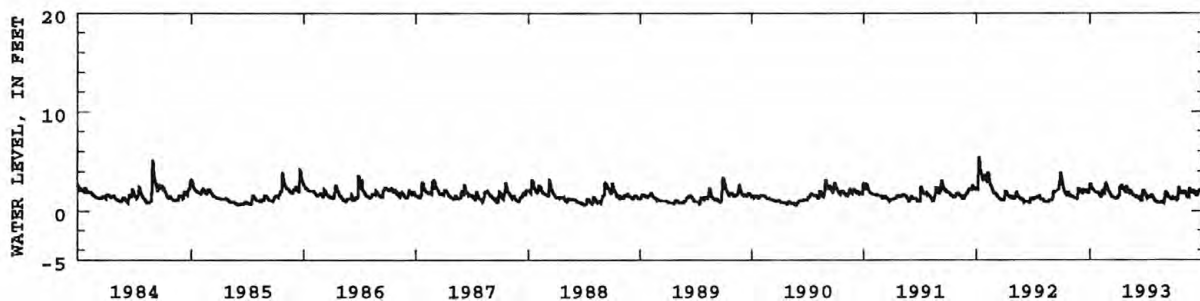
DATUM.--Land-surface datum is 8.11 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980, land-surface datum was considered to be 8.33 ft NGVD. See PERIOD OF RECORD. Measuring point: Top of casing, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1962 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD, prior to Oct. 1, 1980, are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.67 ft NGVD, (corrected), Nov. 2, 1965; lowest, 0.12 ft below NGVD, Aug. 19, 1979.

STATION NUMBER 260252080085301 G -1224
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.62	1.46	1.73	2.33	1.97	1.37	1.36	.91	1.77	1.15	1.79	1.78
10	2.23	1.96	1.47	2.56	1.93	1.20	1.39	.85	1.54	1.17	1.41	1.54
15	2.02	1.91	1.34	2.25	1.66	1.38	1.25	.86	1.33	2.43	1.26	1.85
20	1.89	2.71	1.34	2.08	1.51	1.89	1.47	.90	1.22	1.76	2.13	2.01
25	1.88	2.59	1.19	1.90	1.44	1.95	1.20	.90	1.32	1.86	1.87	1.78
EOM	1.65	2.05	1.34	2.16	1.45	1.51	1.00	1.50	1.16	1.98	1.99	---
MEAN	2.11	2.05	1.44	2.18	1.71	1.54	1.33	.92	1.43	1.63	1.78	---
MAX	2.76	2.80	1.97	2.59	2.04	2.08	1.60	1.50	1.83	2.43	2.29	---
MIN	1.65	1.39	1.19	1.48	1.39	1.14	1.00	.84	1.15	1.06	1.25	---



G-1224

WATER YEARS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--260458080134801. Local Number G 1221. USGS Observation Well at Davie, FL.

LOCATION.--Lat 26°04'58", long 80°13'48", in NW1/4SW1/4 sec.23, T.50 S., R.41 E., Hydrologic Unit 03090202, at southwest corner of Nova Drive and Davie Road Extension, 0.75 mi south of State Highway 84, and 1.6 mi west of the Florida Turnpike in Davie.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 12 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 6.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.41 ft above land-surface datum. (corrected).

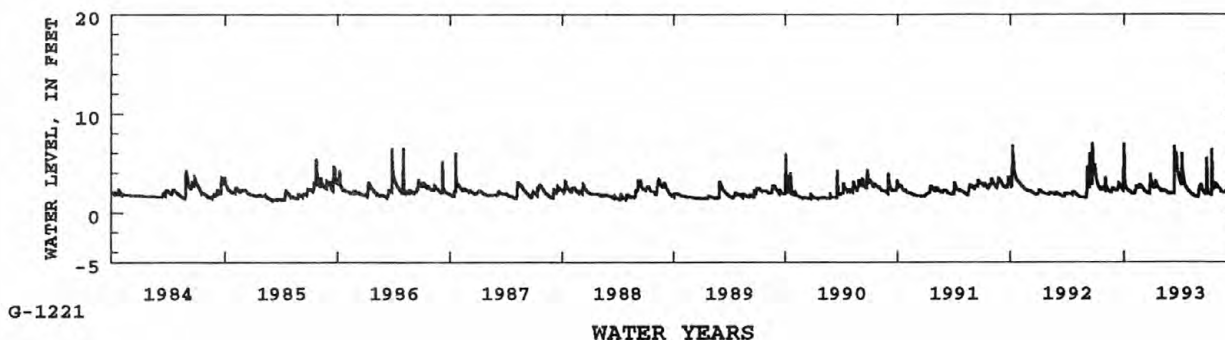
PERIOD OF RECORD.--December 1962 to February 1979, October 1982 to November 1983, March 1984 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.02 ft NGVD, June 22, 1992; lowest, 0.67 ft NGVD, April 30, 1971.

STATION NUMBER 260458080134801 G -1221
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.07	1.91	2.23	2.53	2.23	1.92	6.04	1.91	2.77	1.83	2.36	2.32
10	2.38	2.65	2.07	3.07	2.18	1.84	3.59	1.78	2.35	1.75	2.10	2.22
15	2.20	2.55	1.96	2.72	2.05	4.48	2.80	1.66	2.00	2.95	1.99	2.78
20	2.07	2.75	1.90	2.47	1.93	4.85	2.48	1.62	1.84	2.53	1.99	2.60
25	1.95	2.68	3.87	2.28	1.88	3.79	2.24	1.59	3.45	2.79	2.11	2.24
EOM	1.86	2.48	2.68	2.23	1.97	3.10	2.08	2.52	1.93	---	2.47	2.20
MEAN	2.52	2.43	2.30	2.55	2.06	3.42	2.98	1.76	2.38	---	---	2.41
MAX	6.93	2.75	3.87	3.07	2.23	6.75	6.04	2.52	5.47	---	---	2.78
MIN	1.86	1.84	1.87	2.23	1.88	1.82	2.08	1.56	1.79	---	---	2.15

CAL YR 1992 MEAN 2.30 MAX 7.02 MIN 1.46



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

57

WELL NUMBER.--260515080202101. Local Number G 617. USGS Observation Well near Ft. Lauderdale, FL.

LOCATION.--Lat 26°05'15", long 80°20'21", in SE1/4NW1/4 sec.15, T.50 S., R.40 E., Hydrologic Unit 03090202, on Southwest 26th Street, west of Southwest 142nd Avenue, 1.8 mi north of South New River Canal, 6.5 mi west of Davie and 14.2 mi west of Ft. Lauderdale.

AQUIFER.--Sandstone Biscayne aquifer of Pleistocene Age, Geologic Unit 112 BSCNS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 29 ft, cased to 28 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.60 ft above land-surface datum.

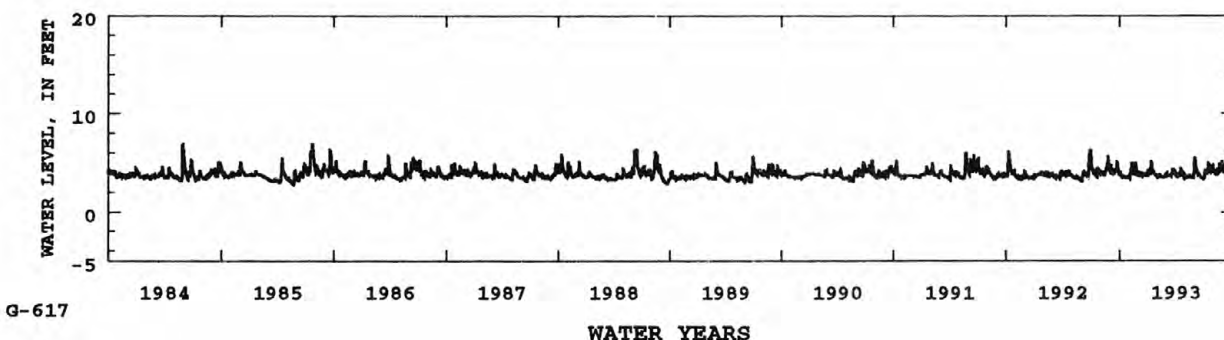
PERIOD OF RECORD.--January 1950 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.89 ft NGVD, June 20, 1959; lowest, 2.46 ft NGVD, June 7, 1962.

STATION NUMBER 260515080202101 G - 617
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.67	4.16	3.73	4.04	3.54	3.68	3.69	3.42	4.38	4.04	3.74	4.37
10	3.46	5.01	3.81	5.17	3.61	3.67	3.59	3.57	3.76	3.80	3.76	3.63
15	3.44	4.00	3.68	4.07	3.51	3.62	3.51	3.47	3.77	4.80	3.88	3.77
20	3.40	5.03	3.72	3.92	3.40	3.94	3.80	3.49	3.51	3.99	4.13	3.76
25	3.42	4.24	3.68	3.77	3.49	4.21	3.68	3.41	3.41	4.08	3.99	3.61
EOM	3.42	3.86	4.16	3.58	3.79	3.66	3.52	5.56	3.34	4.24	4.06	4.55
MEAN	3.55	4.16	3.74	4.01	3.57	3.83	3.71	3.62	3.80	4.18	4.17	3.88
MAX	4.02	5.03	4.16	5.17	3.79	4.40	4.45	5.56	5.41	4.86	5.18	4.63
MIN	3.40	3.46	3.53	3.53	3.40	3.55	3.47	3.35	3.34	3.60	3.63	3.48

CAL YR 1992 MEAN 3.86 MAX 6.30 MIN 3.10
WTR YR 1993 MEAN 3.85 MAX 5.56 MIN 3.34



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--260530080112101. Local Number G 2130. USGS Observation Well near Ft. Lauderdale, FL.

LOCATION.--Lat 26°05'30", long 80°11'21", in SW1/4SW1/4SE1/4 sec.18, T.50 S., R.42 E., Hydrologic Unit 03090202, 11.6 ft west of edge of Southwest 33rd Terrace and 6.0 ft north of stop sign at southwest corner of intersection of Riverland Road and Southwest 33rd Terrace.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 60 ft, cased to 59 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .03 ft above land-surface datum.

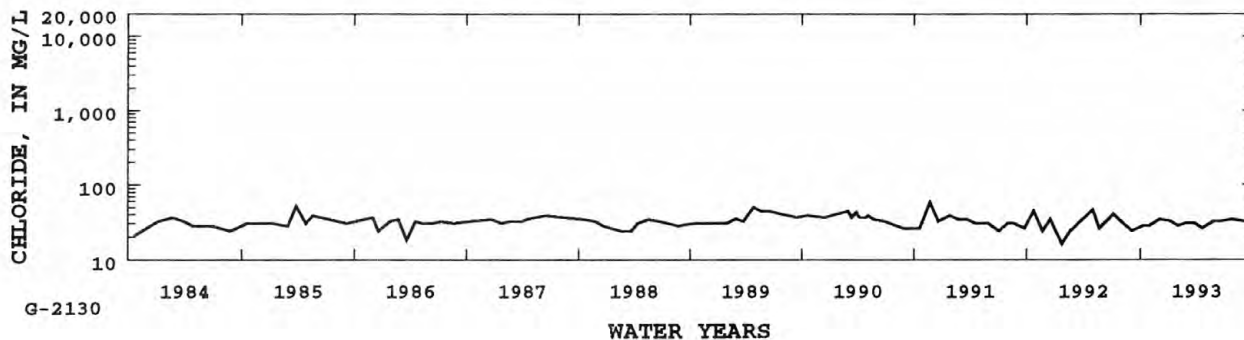
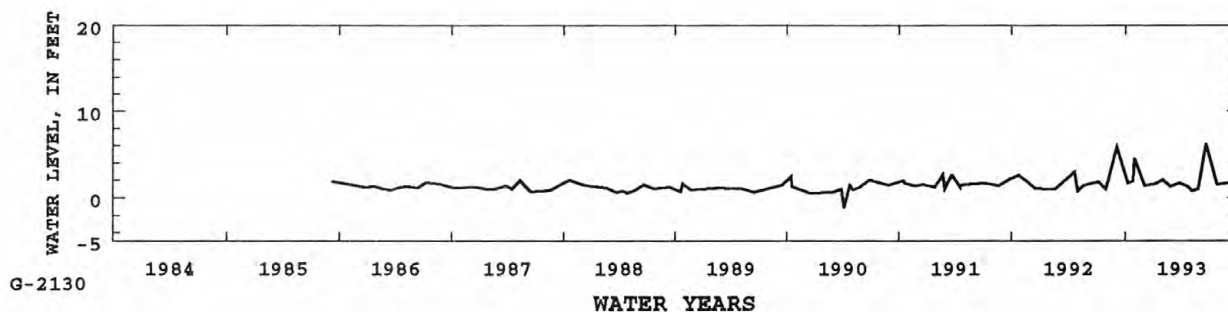
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1975 to August 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.15 ft NGVD, June 18, 1993; lowest measured, 1.21 ft below NGVD, Apr. 5, 1990.

260530080112101 - G -2130

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
		AS CL)	(FEET)				AS CL)	(FEET)	
OCT					APR				
09...	1314	474	28	1.63	19...	1145	501	26	1.31
26...	1345	--	--	1.90	MAY				
30...	--	478	28	4.50	05...	1340	--	--	0.78
DEC					24...	0900	476	32	0.96
02...	--	530	34	1.36	JUN				
JAN					18...	1636	466	32	6.15
07...	--	507	32	1.59	JUL				
29...	1405	473	28	2.03	22...	0955	502	34	1.49
FEB					AUG				
23...	0834	465	30	1.29	26...	1143	452	32	1.66
MAR					SEP				
24...	1620	460	30	1.65	22...	1110	472	32	1.61



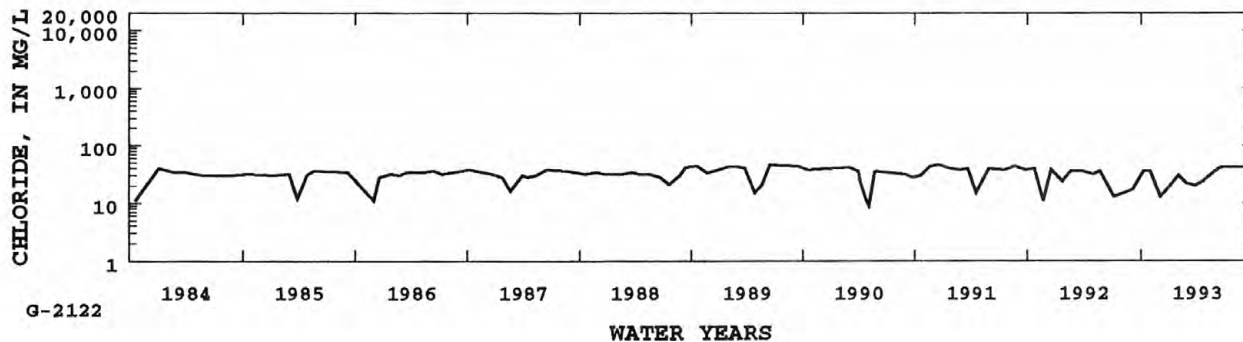
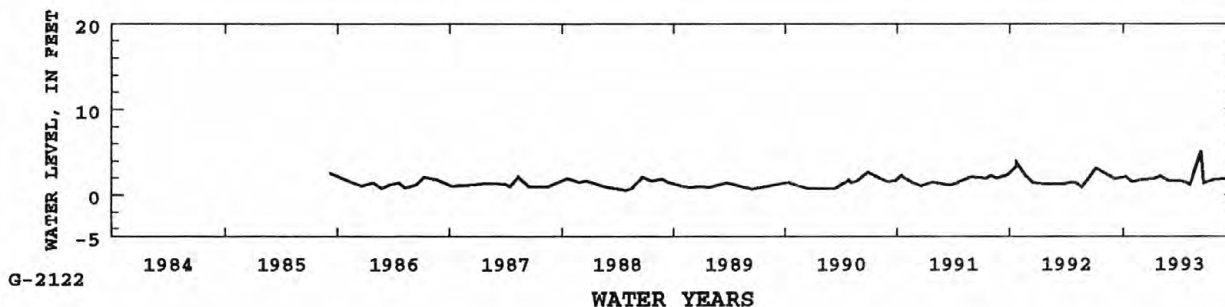
WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

59

WELL NUMBER.--260533080123701. Local Number G 2122. USGS Observation Well near Ft. Lauderdale, FL.
LOCATION.--Lat 26°05'33", long 80°12'37", in SE1/4SE1/4SW1/4 sec.13, T.50 S., R.41 E., Hydrologic Unit 03090202, 8.4 ft west of edge of Southwest 44th Terrace and 12.4 ft northeast of street sign at southwest corner of intersection of Southwest 24th Street and Southwest 44th Terrace.
AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.
WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 3 in., depth 135 ft, cased to 134 ft.
INSTRUMENTATION.--Monthly measurement with chalked tape.
DATUM.--Land-surface datum is 7.16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .31 ft below land-surface datum.
REMARKS.--Well also used for salinity monitoring.
PERIOD OF RECORD.--October 1975 to September 1990 (intermittent), October 1990 to current year.
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.11 ft NGVD, June 10, 1993; lowest measured, 0.24 ft NGVD, May 2, 1977.

260533080123701 - G -2122

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	(MG/L	NGVD			SOLVED	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
09...	1405	493	36	2.10	19...	1335	306	24	1.49
26...	1400	--	--	1.63	MAY				
30...	--	575	36	1.53	05...	1355	--	--	1.17
DEC					JUN				
02...	--	106	13	1.83	10...	--	493	40	5.11
JAN					18...	1515	504	42	1.39
07...	--	144	21	1.85	JUL				
29...	1435	397	30	2.16	22...	0800	556	42	1.82
FEB					AUG				
23...	1015	304	22	1.66	26...	1028	526	42	1.89
MAR					SEP				
24...	1715	287	20	1.64	22...	0830	543	42	2.39



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--260535080104301. Local Number G 854. USGS Observation Well near Ft. Lauderdale, FL.

LOCATION.--Lat 26°05'35", long 80°10'43", in SW1/4SE1/4SE1/4 sec.17, T.50 S., R.42 E., Hydrologic Unit 03090202, in meter box in grassy area 5.5 ft south of edge of Riverland Road and north of River Lanes Canal west of Southwest 27th Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 3 in., depth 206 ft, cased to 195 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .16 ft below land-surface datum.

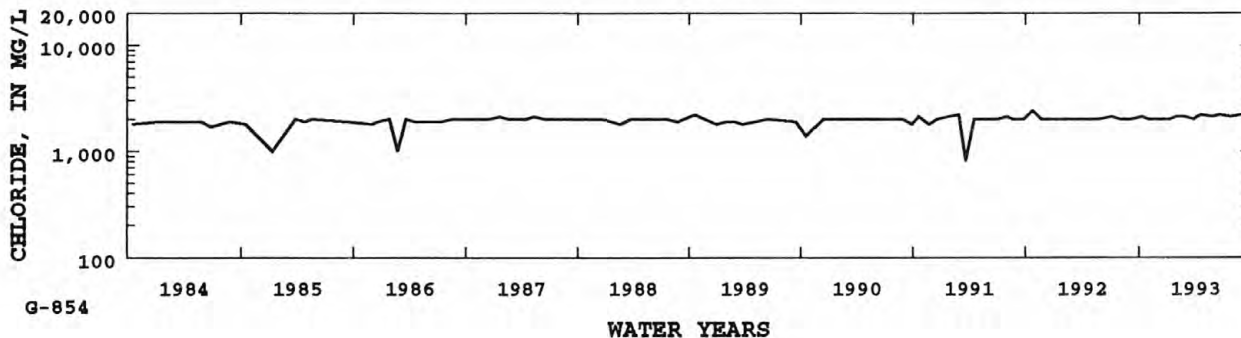
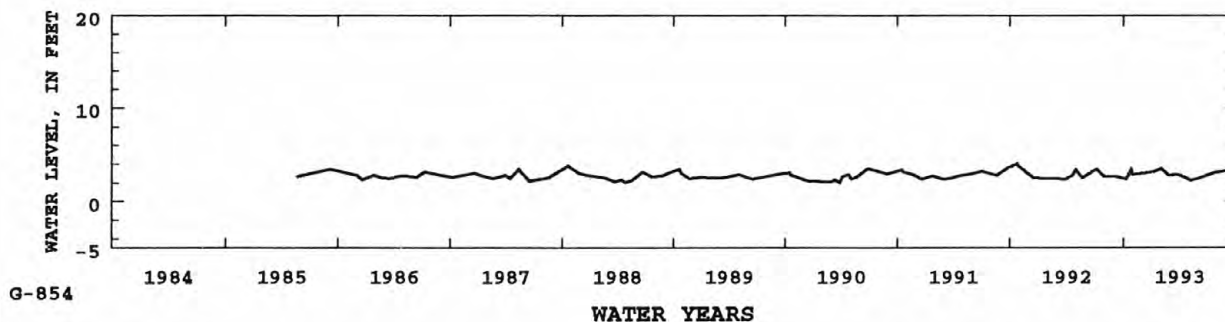
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1975 to August 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.02 ft NGVD, Oct. 23, 1991; lowest measured, 0.86 ft NGVD, May 2, 1977.

260535080104301 - G - 854

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					MAY				
09...	1256	6840	2100	2.38	05...	1340	--	--	2.23
26...	1340	--	--	3.35	24...	0750	6330	2100	2.40
30...	--	6850	2000	2.88	JUN				
JAN					18...	1315	6520	2200	2.66
07...	--	6730	2000	3.19	JUL				
29...	1420	6740	2100	3.52	22...	1020	6660	2100	3.11
FEB					AUG				
23...	0900	6300	2100	2.82	26...	1155	6520	2200	3.23
MAR					SEP				
24...	1750	6370	2000	2.89	22...	1130	6650	2100	3.21
APR									
19...	1205	6460	2200	2.56					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

61

WELL NUMBER.--260545080082001. Local Number G 561. USGS Observation Well at Fort Lauderdale, FL.

LOCATION.--Lat 26°05'45", long 80°08'20", in SE1/4SE1/4 sec.15, T.50 S., R.42 E., Hydrologic Unit 03090202, at Southeast 4th Avenue and 20th Street in Fort Lauderdale, 0.2 mi west of U.S. Highway 1, and 0.3 mi north of State Highway 84.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft, cased to 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 7.05 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.07 ft above land-surface datum.

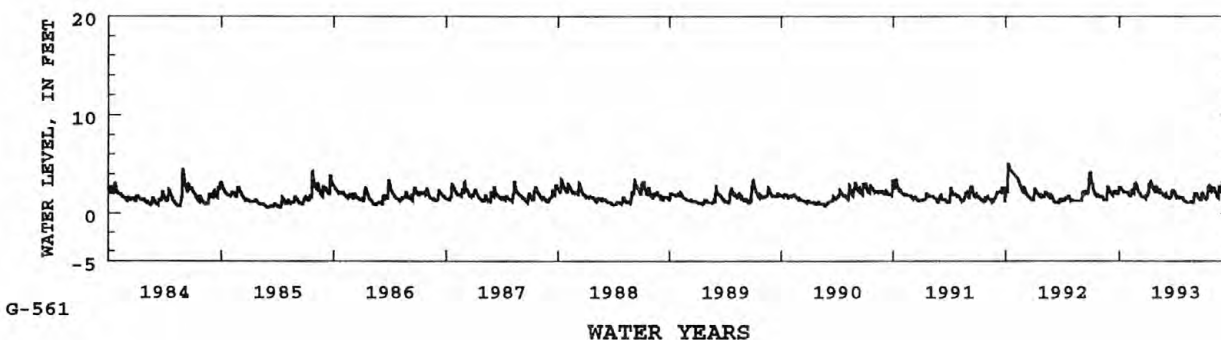
PERIOD OF RECORD.--January 1948 to current year. Records of water levels prior to January, 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.40 ft NGVD, Oct. 5, 1948; lowest, 0.05 ft NGVD, July 2, 1952.

STATION NUMBER 260545080082001 G - 561
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.64	1.78	2.03	2.90	2.38	1.67	1.70	1.15	2.00	1.53	2.20	2.69
10	2.34	2.30	1.77	3.16	2.21	1.49	1.66	1.11	1.71	1.50	1.83	2.27
15	2.19	2.11	1.65	2.63	2.01	1.63	1.51	1.13	1.49	2.72	1.60	2.37
20	2.10	2.89	1.61	2.36	1.81	2.18	1.62	1.16	1.39	2.20	2.61	2.37
25	2.12	2.96	1.82	2.42	1.71	2.28	1.43	1.22	2.04	2.43	2.24	2.11
EOM	1.95	2.37	1.89	2.45	1.88	1.84	1.25	1.93	1.67	2.57	3.12	2.33
MEAN	2.26	2.32	1.78	2.57	2.05	1.86	1.57	1.20	1.72	2.06	2.30	2.39
MAX	2.68	2.99	2.27	3.16	2.38	2.32	1.79	1.93	2.04	2.72	3.20	3.01
MIN	1.95	1.74	1.50	2.04	1.71	1.43	1.25	1.07	1.36	1.42	1.57	2.07

WTR YR 1993 MEAN 2.01 MAX 3.20 MIN 1.07



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--260657080122301. Local Number S 329. USGS Observation Well at Ft. Lauderdale, FL.

LOCATION.--Lat 26°06'57", long 80°12'23", in SW1/4NE1/4 sec.12, T.50 S., R.41 E., Hydrologic Unit 03090202, 200 ft south of Northwest 4th Street on west side of Country Club Circle, and 0.3 mi west of U.S. Highway 441 on east edge of City of Ft. Lauderdale well field in Ft. Lauderdale.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, water-table well, diameter 4 in., depth 68 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.16 ft above land-surface datum.

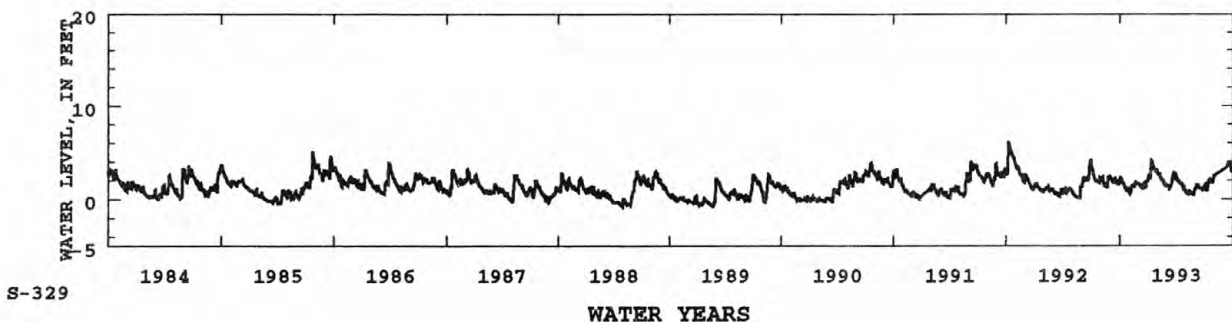
REMARKS.--Determine effect of municipal pumping on ground-water levels.

PERIOD OF RECORD.--January 1940 to current year. Records of water levels prior to January, 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.76 ft NGVD, Oct. 17, 1947; lowest, 1.26 ft below NGVD, May 2, 1975.

STATION NUMBER 260657080122301 S - 329
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.17	.76	1.38	2.28	2.66	1.46	2.04	.69	1.39	1.09	---	---
10	1.80	1.34	1.25	4.00	2.19	1.09	1.81	.60	1.36	1.32	---	---
15	1.51	1.43	1.51	3.54	2.08	1.44	1.63	.70	1.12	1.98	---	3.74
20	1.19	1.63	1.33	3.12	1.62	2.25	1.52	.57	1.14	1.79	---	3.82
25	.84	---	1.70	3.06	1.38	2.64	1.07	.44	1.03	1.92	---	3.09
EOM	.78	---	1.96	2.81	1.49	2.21	.88	1.09	1.24	2.43	---	2.90
MEAN	1.49	---	1.46	3.03	2.03	1.87	1.57	.64	1.18	1.61	---	---
MAX	2.23	---	1.96	4.03	2.81	2.89	2.24	1.09	1.53	2.43	---	---
MIN	.78	---	1.11	2.16	1.38	1.09	.88	.38	.81	.83	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

63

WELL NUMBER.--260753080253701. Local Number G 2376. USGS Observation Well near Plantation, FL.

LOCATION.--Lat 26°07'05", long 80°11'13", in SW1/4SW1/4 sec.35, T.49 S., R.39 E., Hydrologic Unit 03090202, on east side of section line road, 0.7 mi south of State Road 84 (I-75), 1 mi east of US 27 and 8 mi west of Flamingo Road.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15 ft, cased to 14 ft.

INSTRUMENTATION.--Digital water-level recorder.

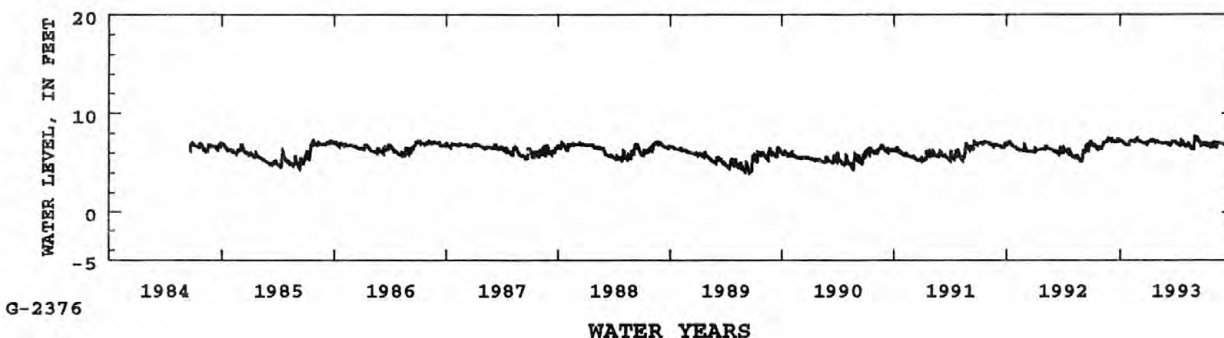
DATUM.--Land-surface datum is 8.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.28 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.73 ft NGVD, May 31, 1993; lowest, 3.95 ft NGVD, June 5, 1989.

STATION NUMBER 260753080253701 G -2376
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.24	7.14	7.14	7.17	7.05	6.97	6.97	6.63	7.56	6.96	6.68	6.91
10	7.11	7.25	7.09	7.36	---	6.82	6.87	6.95	7.35	6.64	6.58	6.60
15	6.95	7.15	7.01	7.26	---	---	6.70	6.66	7.09	6.98	---	6.83
20	6.86	7.36	7.00	7.22	6.95	7.18	7.10	6.48	6.78	6.76	---	6.59
25	6.80	7.39	6.93	7.16	6.97	7.15	6.86	6.40	6.95	6.63	---	6.35
EOM	7.04	7.26	7.03	7.11	---	7.00	6.71	7.73	6.75	7.08	6.89	6.41
MEAN	6.99	7.25	7.04	---	---	---	6.92	6.72	7.15	6.83	---	6.63
MAX	7.29	7.40	7.22	---	---	---	7.23	7.73	7.70	7.08	---	6.92
MIN	6.78	7.11	6.93	---	---	---	6.70	6.39	6.75	6.55	---	6.35



G-2376

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--260752080084701. Local Number G 1220. USGS Observation Well at Ft. Lauderdale, FL.

LOCATION.--Lat 26°07'52", long 80°08'47", in SE1/4SW1/4 sec.3, T.50 S., R.42 E., Hydrologic Unit 03090202, near water tower at corner of Northwest 2nd Avenue and Northwest 7th Street in Ft. Lauderdale, and 0.8 mi west of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

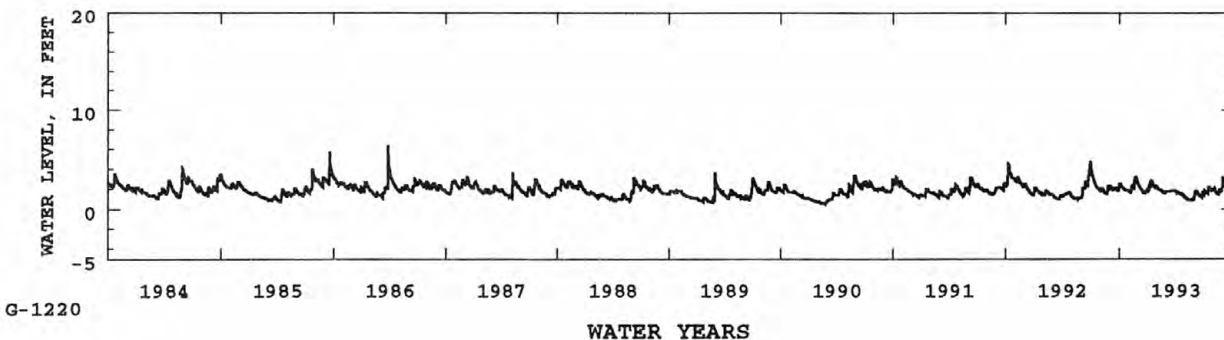
DATUM.--Land-surface datum is 4.76 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980 land-surface datum was considered to be 6.76 ft NGVD. See PERIOD OF RECORD. Measuring point: Top of casing, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--December 1962 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water level as elevation, in feet NGVD, prior to Oct. 1, 1980 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.37 ft NGVD, Mar. 27, 1986; lowest, 0.40 ft NGVD, (corrected), May 30, 1965.

STATION NUMBER 260752080084701 G -1220
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.47	1.62	2.20	2.41	1.94	---	1.66	1.00	1.78	1.66	1.77	2.64
10	2.17	2.27	1.94	2.81	1.89	---	1.55	.91	1.54	1.62	1.53	2.27
15	2.01	2.16	1.70	2.54	1.75	---	1.43	.88	1.30	2.17	1.40	2.41
20	1.88	3.15	1.58	2.26	1.62	---	1.43	.89	1.21	2.00	1.93	2.34
25	1.86	3.14	1.76	2.07	1.52	---	1.29	.90	1.48	1.95	1.73	2.09
EOM	1.78	2.53	1.70	2.13	1.73	1.81	1.12	1.42	1.55	2.00	3.17	2.28
MEAN	2.06	2.37	1.84	2.35	1.78	---	1.47	.95	1.46	1.84	1.88	2.36
MAX	2.51	3.18	2.47	2.86	2.08	---	1.75	1.42	1.78	2.18	3.19	3.03
MIN	1.78	1.56	1.44	1.99	1.52	---	1.12	.86	1.16	1.49	1.39	1.99



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

65

WELL NUMBER.--260821080185101. Local Number G 2032. USGS Observation Well near Plantation, FL.

LOCATION.--Lat 26°08'21", long 80°18'51", in SW1/4NW1/4 sec.36, T.49 S., R.40 E., Hydrologic Unit 03090202, at northeast corner of Northwest 12th Street and Flamingo Road, 1.6 mi north of North New River Canal, and 4.6 mi west of Plantation.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 22 ft, cased to 21 ft.

INSTRUMENTATION.--Digital water-level recorder.

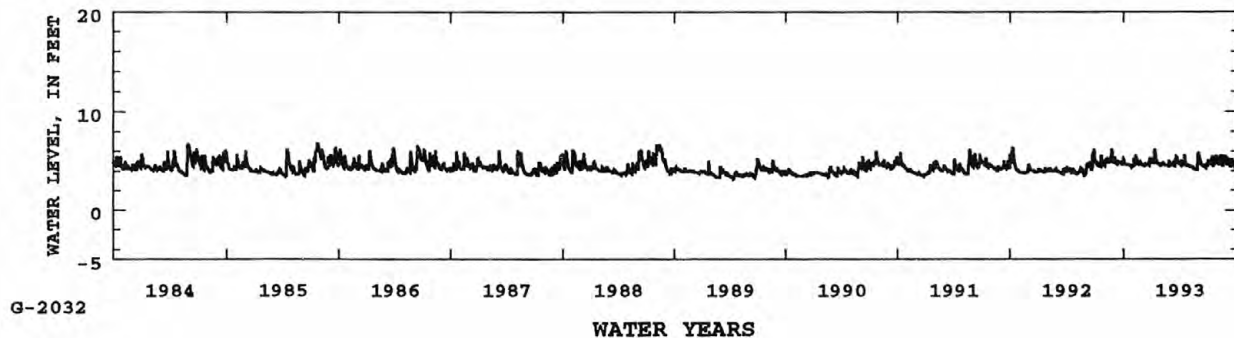
DATUM.--Land-surface datum is 5.79 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--October 1972 to current year. Records of water levels prior to October, 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.25 ft NGVD estimated, Apr. 25, 1979; lowest, 2.85 ft NGVD, May 7, 1974.

STATION NUMBER 260821080185101 G -2032
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.69	4.91	4.56	4.91	4.74	4.56	5.08	4.39	5.09	4.64	4.64	5.15
10	4.60	5.56	4.61	6.14	4.64	4.60	4.63	4.46	4.61	4.65	4.83	4.46
15	4.59	4.79	4.59	4.88	4.57	4.61	4.53	4.24	4.45	5.23	4.75	5.17
20	4.57	---	4.59	4.70	4.56	5.07	4.59	4.15	4.42	4.62	5.55	4.65
25	4.47	4.89	5.24	4.80	4.40	4.99	4.51	4.07	4.55	4.73	4.80	4.38
EOM	4.46	4.60	5.29	4.56	4.65	4.71	4.48	5.85	4.48	5.22	4.84	4.97
MEAN	4.60	---	4.66	4.93	4.62	4.78	4.65	4.39	4.65	4.95	4.90	4.74
MAX	5.13	---	5.29	6.14	4.89	5.39	5.58	5.85	5.64	5.50	5.57	5.29
MIN	4.39	---	4.53	4.50	4.40	4.54	4.47	4.07	4.31	4.57	4.46	4.27



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261016080492601. Local Number G 2296.

LOCATION.--Lat 26°10'16", long 80°49'26", in sec.3, T.50 S., R.35 E., Hydrologic Unit 03090202, 100 ft south of SFWMD Canal 60, 0.4 mi east of SFWMD Pump Station Number 140, 3.65 mi east of Hendry and Broward County line, and 42 mi west of Fort Lauderdale. Owner: South Florida Water Management District.

AQUIFER.--Oldsmar limestone aquifer of Eocene Age, Geologic Unit 124 OLDMN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2.38 in., depth 2811 ft, cased to 2447 ft, and open hole from 2447 to 2811 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 15.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. steel tee on well G 2619, 2.33 ft above land-surface datum.

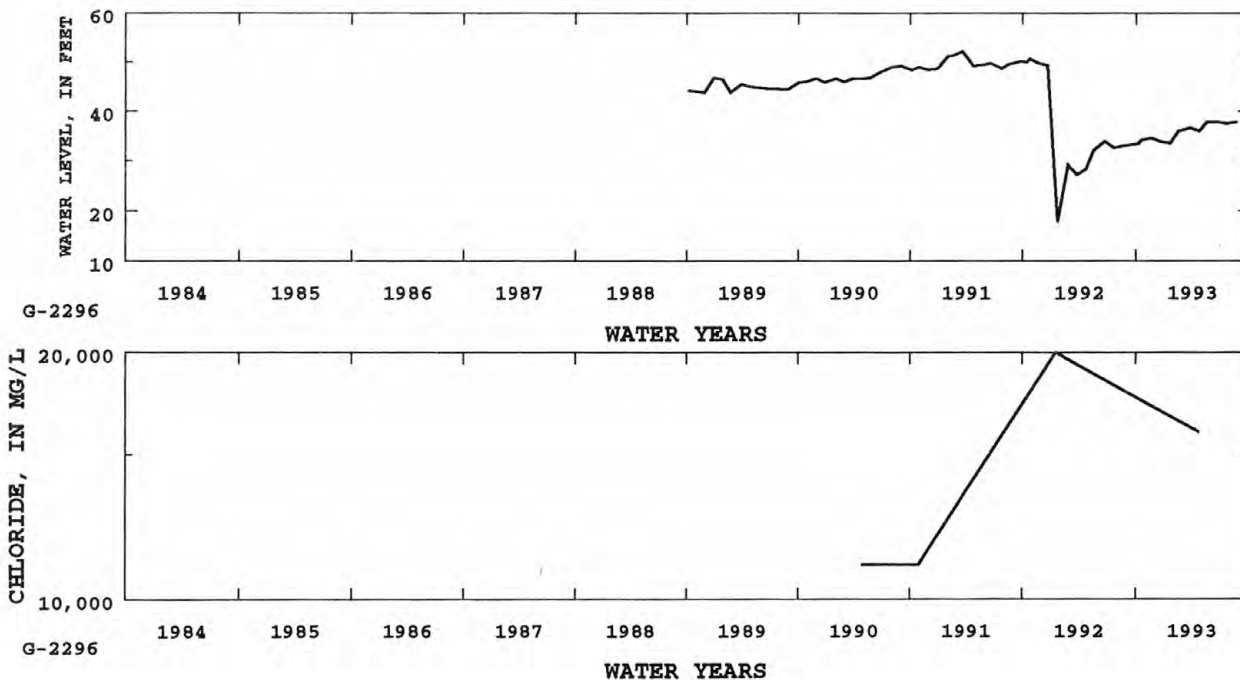
REMARKS.--Well also sampled for water quality. Water level not adjusted for density of water.

PERIOD OF RECORD.--March 1981 to current year. Records of water levels prior to October 1988 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.2 ft NGVD, Mar. 20, 1991; lowest measured, 17.80 ft NGVD, Jan. 22, 1992.

261016080492601 - G -2296

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					APR				
07...	1100	--	--	33.50	22...	1440	50600	16000	36.00
20...	1530	52000	--	34.20	MAY				
NOV					17...	1500	--	--	37.90
19...	1410	--	--	34.60	JUN				
DEC					22...	1320	--	--	37.80
15...	1335	--	--	33.90	JUL				
JAN					19...	1240	--	--	37.60
19...	1310	--	--	33.60	AUG				
FEB					23...	1310	--	--	37.90
16...	1450	--	--	36.00					
MAR									
24...	1450	--	--	36.60					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

67

WELL NUMBER.--261016080492603. Local Number G 2618.

LOCATION.--Lat 26°10'16", long 80°49'26", in sec.3, T.50 S., R.35 E., Hydrologic Unit 03090202, 100 ft south of SFWMD Canal 60, 0.4 mi east of SFWMD Pump Station Number 140, 3.65 mi east of Hendry and Broward County line, and 42 mi west of Fort Lauderdale. Owner: South Florida Water Management District.

AQUIFER.--Avon Park Limestone of Eocene Age, Geologic Unit 124 AVPK.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 1.0 in., depth 1164 ft, cased to 1104 ft, and open hole from 1104 to 1164 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 15.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. steel tee on well G 2619, 2.33 ft above land-surface datum.

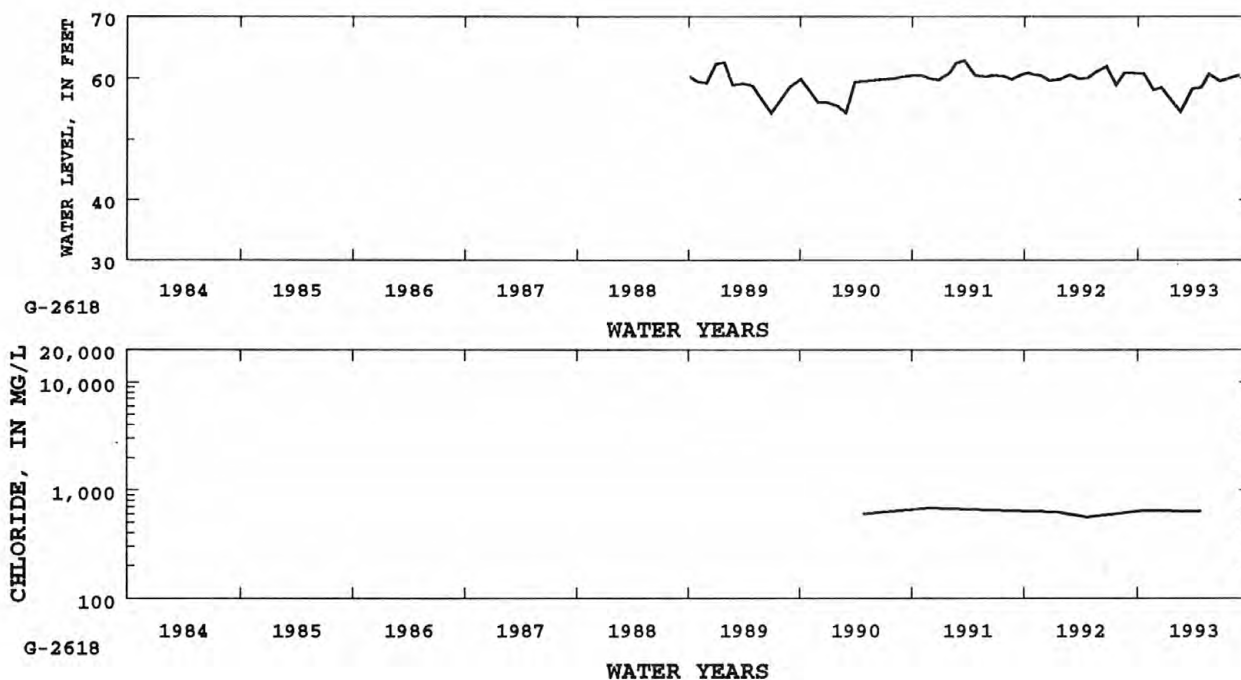
REMARKS.--Well also sampled for water quality. Water level not adjusted for density of water.

PERIOD OF RECORD.--October 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.8 ft NGVD, Mar. 20, 1991; lowest measured, 46.0 ft NGVD, Jan 19, 1993.

261016080492603 - G -2618

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
20...	1530	2790	640	60.70	22...	1445	2790	630	58.40
NOV					MAY				
19...	1420	--	--	58.00	17...	1505	--	--	60.60
DEC					JUN				
15...	1335	--	--	58.40	22...	1320	--	--	59.40
JAN					JUL				
19...	1315	--	--	46.00	19...	1240	--	--	59.90
FEB					AUG				
16...	1450	--	--	54.40	23...	1310	--	--	60.40
MAR									
24...	1455	--	--	58.20					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261016080492604. Local Number G 2619.

LOCATION.--Lat 26°10'16", long 80°49'26", in sec.3, T.50 S., R.35 E., Hydrologic Unit 03090202, 100 ft south of SFWMD Canal 60, 0.4 mi east of SFWMD Pump Station Number 140, 3.65 mi east of Hendry and Broward County line, and 42 mi west of Fort Lauderdale. Owner: South Florida Water Management District.

AQUIFER.--Ocala Group of Eocene Age, Geologic Unit 124 OCAL.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 7.88 in., depth 1052 ft, cased to 895 ft, and open hole from 895 to 1052 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 15.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. steel tee, 2.33 ft above land-surface datum.

REMARKS.--Well also sampled for water quality. Water level not adjusted for density of water.

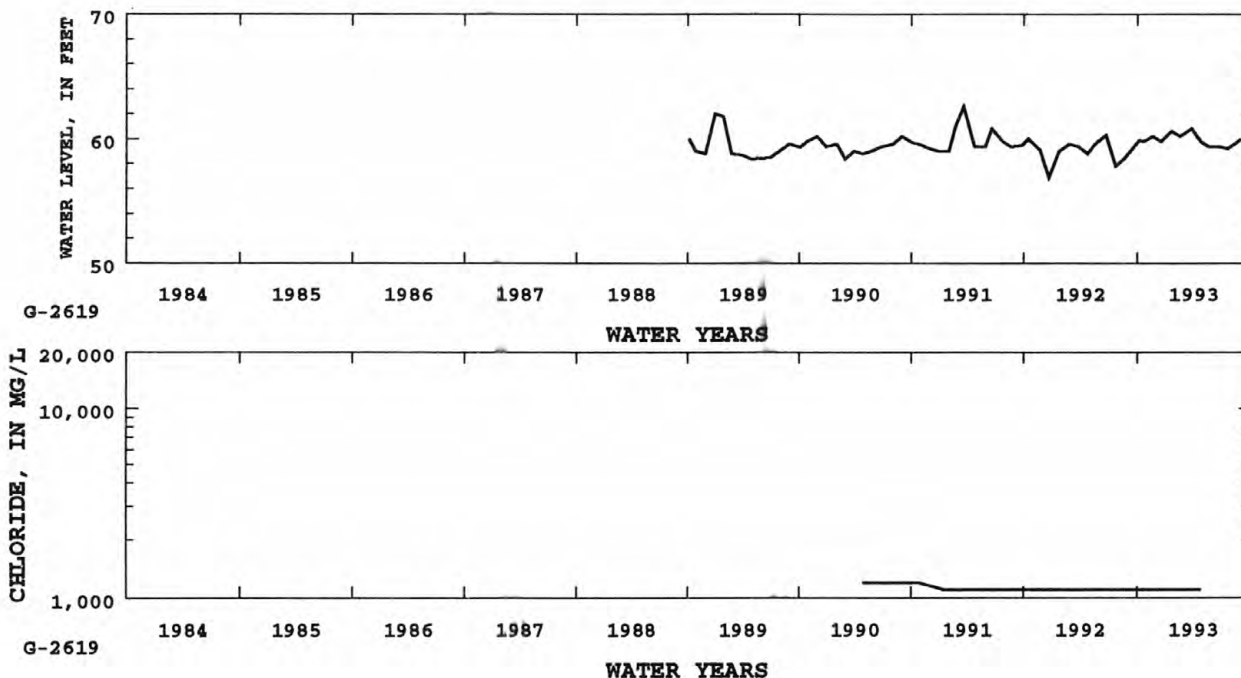
PERIOD OF RECORD.--October 1980 to current year. Records of water levels prior to October 1988 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 62.6 ft NGVD, Mar. 20, 1991; lowest measured, 56.9 ft NGVD, Dec.20, 1991.

261016080492604 - G -2619

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1115	--	--	59.90	22...	1450	4090	1100	59.80
20...	1545	4110	1100	59.80	MAY				
NOV					17...	1505	--	--	59.40
19...	1415	--	--	60.20	JUN				
DEC					22...	1325	--	--	59.40
15...	1335	--	--	59.80	JUL				
JAN					19...	1250	--	--	59.20
19...	1320	--	--	60.60	AUG				
FEB					26...	1315	--	--	59.90
16...	1450	--	--	60.20					
MAR									
24...	1455	--	--	60.80					



BROWARD COUNTY

WELL NUMBER.--261016080492605. Local Number G 2620.

LOCATION.--Lat 26°10'16", long 80°49'26", in sec.3, T.50 S., R.35 E., Hydrologic Unit 03090202, 100 ft south of SFWMD Canal 60, 0.4 mi east of SFWMD Pump Station Number 140, 3.65 mi east of Hendry and Broward County line, and 42 mi west of Fort Lauderdale. Owner: South Florida Water Management District.

AQUIFER.--Suwannee Limestone of Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 816 ft, cased to 811 ft, and open hole from 811 to 816 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 15.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. steel tee on well G 2619, 2.33 ft above land-surface datum.

REMARKS.--Well also sampled for water quality. Water level not adjusted for density of water.

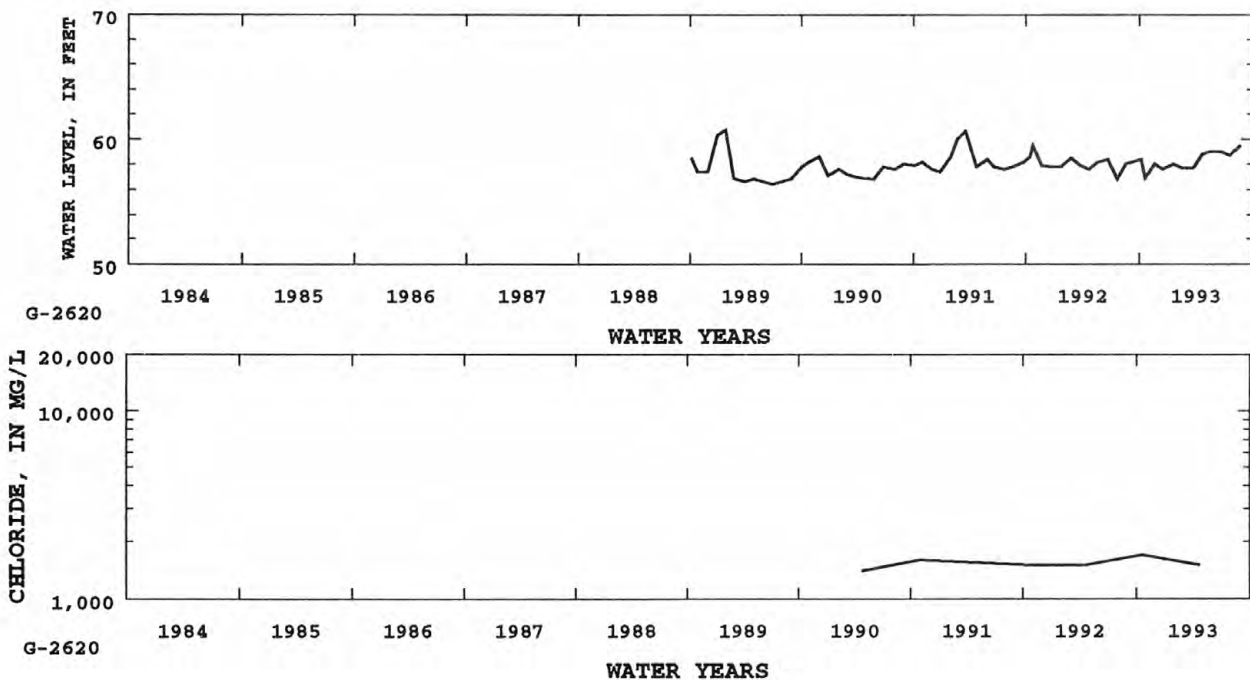
PERIOD OF RECORD.--October 1981 to current year. Records of water levels prior to October 1988 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 60.70 ft NGVD, Jan. 26, 1989; lowest measured, 56.40 ft NGVD, June 27, 1989.

261016080492605 - G -2620

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1120	--	--	58.40	22...	1455	5340	1500	58.80
20...	1530	5390	1700	56.90	MAY				
NOV					17...	1510	--	--	59.00
19...	1430	--	--	58.00	JUN				
DEC					22...	1325	--	--	59.00
15...	1340	--	--	57.60	JUL				
JAN					19...	1250	--	--	58.70
19...	1320	--	--	58.00	AUG				
FEB					23...	1315	--	--	59.50
16...	1455	--	--	57.70					
MAR									
25...	1455	--	--	57.70					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--261141080163401. Local Number G 2033. USGS Observation Well at Tamarac, FL.

LOCATION.--Lat 26°11'41", long 80°16'34", in SW1/4SE1/4 sec.8, T.49 S., R.41 E., Hydrologic Unit 03090202, on east side of N.W. 94th Avenue, 0.1 mi north of Commercial Boulevard in Tamarac, 5.0 mi west of U.S. 44I, and 11.0 mi west of Pompano Beach.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 23 ft, cased to 21 ft.

INSTRUMENTATION.--Digital water-level recorder.

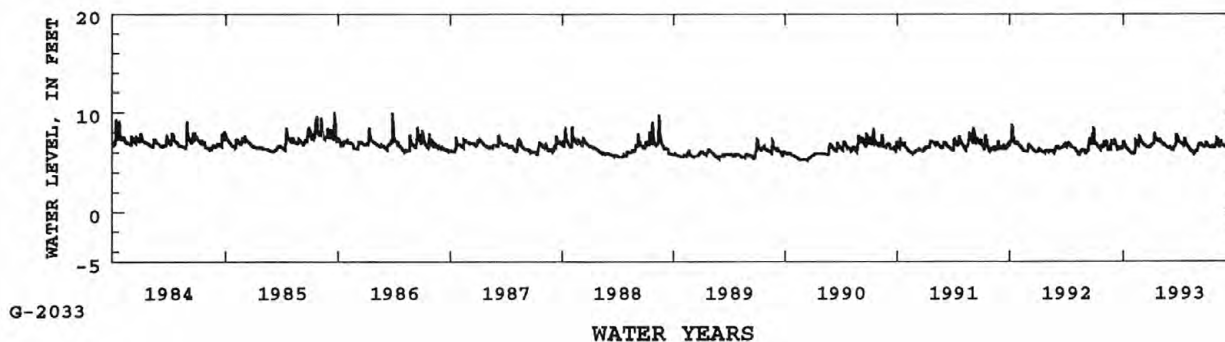
DATUM.--Land-surface datum is 10.47 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1986 land-surface datum was considered to be 11.70 ft NGVD. See period of record. Measuring point: Top of casing, 2.59 ft above land-surface datum.

PERIOD OF RECORD.--January 1972 to October 1980, February 1981 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures for water levels as elevation in feet NGVD prior to Oct. 1, 1986 are in error. Corrected records are in files of Geological Survey, see datum.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.36 ft NGVD, Sept. 18, 1985; lowest, 5.21 ft NGVD, Dec. 12, 1989.

STATION NUMBER 261141080163401 G -2033
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.81	5.85	6.78	6.88	6.79	6.31	6.98	6.20	6.81	6.59	6.62	6.88
10	6.48	7.18	6.69	7.95	6.75	6.17	6.77	6.06	6.76	6.43	7.10	6.56
15	6.30	6.95	6.50	7.08	---	6.53	6.53	5.94	6.53	6.64	6.72	6.73
20	6.13	7.11	6.49	7.14	---	6.96	7.03	6.02	6.56	6.45	6.52	6.63
25	5.98	7.30	6.57	7.25	6.37	7.56	6.62	6.15	7.00	6.74	6.62	6.57
EOM	5.83	6.97	6.64	7.00	6.42	6.98	6.44	6.72	6.64	7.35	7.46	6.55
MEAN	6.33	6.73	6.62	7.16	---	6.78	6.83	6.14	6.71	6.66	6.80	6.66
MAX	7.05	7.57	6.93	7.95	---	7.79	7.41	6.72	7.00	7.36	7.46	7.09
MIN	5.83	5.78	6.42	6.69	---	6.17	6.44	5.90	6.51	6.43	6.49	6.44



BROWARD COUNTY

WELL NUMBER.--261144080094601. Local Number G 820A. USGS Observation Well near Oakland Park, FL.

LOCATION.--Lat 26°11'44", long 80°09'46", in SW1/4SE1/4 sec.9, T.49 S., R.42 E., Hydrologic Unit 03090202, at Ft. Lauderdale Executive Airport, and 0.7 mi west of Oakland Park.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 100 ft, cased to 99 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

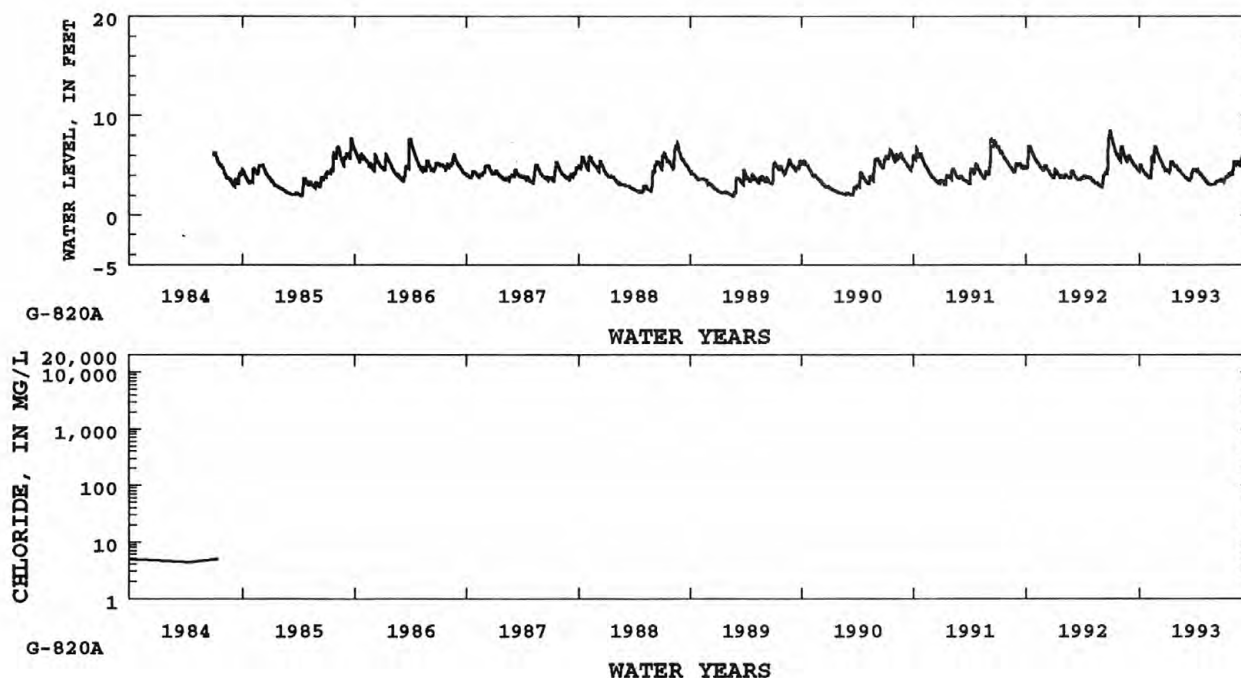
DATUM.--Land-surface datum is 9.62 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.58 ft above land-surface datum.

PERIOD OF RECORD.--September 1967 to April 1978, June 1984 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.69 ft NGVD, Sept. 19, 1985; lowest, 3.87 ft below NGVD, Apr. 17, 1971.

STATION NUMBER 261144080094601 G - 820A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.01	3.71	5.71	4.43	4.49	3.61	4.51	---	3.28	---	5.24	5.60
10	4.60	5.83	5.39	5.27	4.34	3.47	4.31	3.19	3.38	3.86	5.38	5.74
15	---	5.55	5.03	5.22	---	3.64	4.01	---	3.44	4.08	5.30	5.75
20	4.13	6.82	4.73	5.05	---	4.29	3.95	---	3.53	4.02	4.94	5.56
25	3.99	6.67	4.57	4.83	---	4.57	3.71	---	3.44	4.04	5.32	5.11
EOM	3.83	6.11	4.37	4.70	3.75	4.39	3.56	---	3.41	4.66	6.02	6.29
MEAN	---	5.53	5.05	4.89	---	3.98	---	---	---	---	5.31	5.60
MAX	---	6.83	6.03	5.39	---	4.59	---	---	---	---	6.02	6.29
MIN	---	3.71	4.37	4.35	---	3.45	---	---	---	---	4.91	5.06



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261147080114501. Local Number G 2395. USGS Observation Well at Margate, FL.

LOCATION.--Lat 26°11'47", long 80°11'45", in SE1/4SW1/4 sec.7, T.49 S., R.42 E., Hydrologic Unit 03090202, 0.25 mi north of Prospect Road and 0.75 mi east of State Highway 441 in Margate.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 80 ft, cased to 78 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.05 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter base, 3.42 ft above land-surface datum.

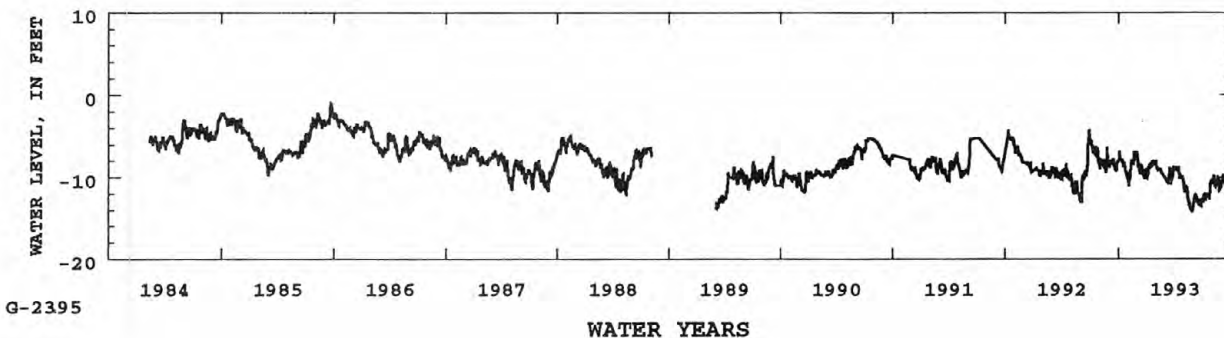
REMARKS.--Water levels affected by municipal pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 2.29 ft below NGVD, Oct. 3, 1985, lowest, 14.24 ft below NGVD, May 26, 1993.

STATION NUMBER 261147080114501 G -2395
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-7.59	-9.48	-8.59	-8.78	-9.02	-10.40	-9.11	-11.44	-12.20	-12.21	-10.10	-9.80
10	-7.87	-8.23	-8.71	-8.35	-8.99	-10.25	-8.82	-11.22	-12.88	-12.33	-10.79	-10.74
15	-8.41	-8.14	-9.13	-8.64	-9.44	-10.57	-9.91	-13.28	-13.35	-12.18	-10.60	-9.40
20	-8.28	-7.28	-9.89	-8.44	---	-10.34	-9.94	-13.79	-13.57	-12.72	-10.52	-10.80
25	-9.40	-6.95	-9.05	-8.18	---	-8.98	-10.07	-14.19	-12.87	-10.58	-11.19	-10.85
EOM	-10.13	-7.25	-10.07	-8.84	---	-8.98	-11.36	-12.89	-12.70	-10.43	-10.42	-8.79
MEAN	-8.55	-8.25	-9.17	-8.58	---	---	-9.66	-12.86	-12.88	-11.80	-10.68	-10.36
MAX	-6.80	-6.94	-7.37	-8.00	---	---	-8.81	-11.15	-12.16	-10.34	-9.74	-8.79
MIN	-10.25	-11.08	-10.18	-9.84	---	---	-11.36	-14.24	-13.57	-12.72	-11.61	-11.15



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

73

WELL NUMBER.--261152080115201. Local Number G 1262. USGS Observation Well at Margate, FL.

LOCATION.--Lat 26°11'52", long 80°11'52", in SE1/4SW1/4 sec.7, T.49 S., R.42 E., Hydrologic Unit 03090202, 0.25 mi north of Prospect Road, and 0.75 mi east of State Highway 441 in Margate.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 7 in., depth 19 ft.

INSTRUMENTATION.--Digital water-level recorder.

REMARKS.--Well dry from Oct. 19 to Sept. 30.

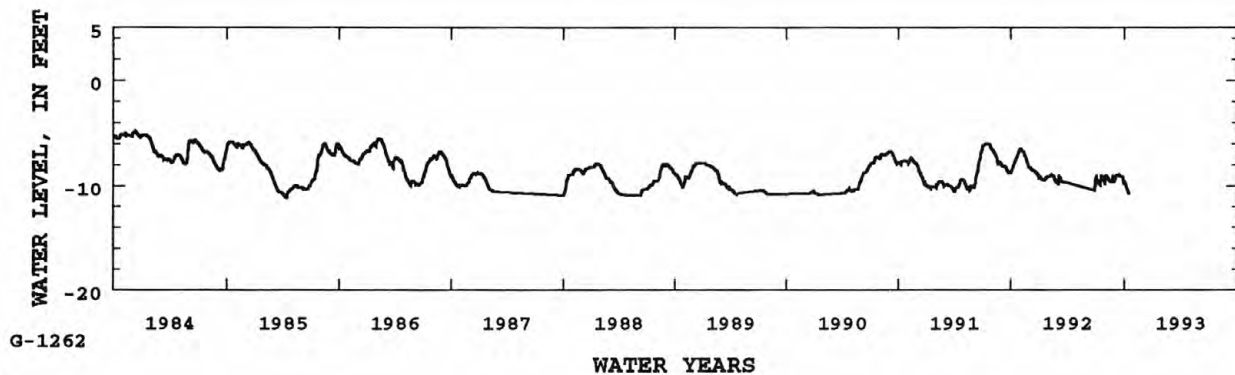
DATUM.--Land-surface datum is 8.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1965 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.30 ft NGVD, Nov. 7, 1965; lowest, 11.19 ft below NGVD, Apr. 11, 1985.

STATION NUMBER 261152080115201 G -1262
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-9.88	---	---	---	---	---	---	---	---	---	---	---
10	-10.34	---	---	---	---	---	---	---	---	---	---	---
15	-10.67	---	---	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---	---	---	---
EOM	---	---	---	---	---	---	---	---	---	---	---	---
MEAN	---	---	---	---	---	---	---	---	---	---	---	---
MAX	---	---	---	---	---	---	---	---	---	---	---	---
MIN	---	---	---	---	---	---	---	---	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--261238080105501. Local Number G 2444. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°12'38", long 80°10'55", in SE1/4SE1/4SW1/4 sec.5, T.49 S., R.42 E., Hydrologic Unit 03090202, off Cypress Boulevard, .15 mi north of McNab Road, in Pompano Beach. Owner: U.S. Geological Survey.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 150 ft, cased to 83 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.00 ft above land-surface datum.

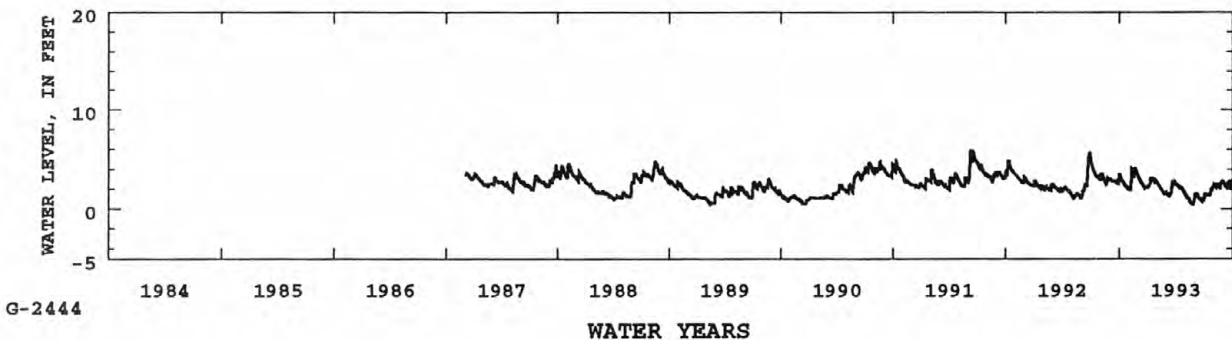
PERIOD OF RECORD.--December 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.97 ft NGVD, June 10, 1991; lowest, 0.46 ft NGVD, Dec. 21, 1989, and May 25-27, 1993.

STATION NUMBER 261238080105501 G -2444
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.27	1.93	2.98	2.40	---	1.46	2.42	1.23	1.50	1.43	2.26	2.48
10	2.85	4.08	2.71	3.10	---	1.26	2.28	1.11	1.37	1.33	2.52	2.25
15	2.61	3.46	2.47	2.95	---	1.52	2.00	.83	1.11	1.49	2.42	2.57
20	2.37	4.17	2.21	2.95	---	2.16	2.08	.58	.87	1.50	2.07	2.59
25	2.22	3.81	2.18	2.77	1.47	2.84	1.83	.46	1.01	1.95	2.62	2.21
EOM	1.99	3.35	2.14	---	1.55	2.49	1.54	1.17	1.00	2.19	2.80	2.94
MEAN	2.64	3.25	2.51	---	---	1.94	2.11	.88	1.16	1.59	2.42	2.42
MAX	3.47	4.22	3.29	---	---	2.84	2.50	1.45	1.50	2.21	2.83	2.94
MIN	1.99	1.91	2.09	---	---	1.26	1.54	.46	.77	1.16	2.02	2.09

CAL YR 1992 MEAN 2.55 MAX 5.74 MIN 1.02



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

75

WELL NUMBER.--261337080103401. Local Number G 2443. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°13'37", long 80°10'34", in NW1/4NE1/4NE1/4 sec.5, T.49 S., R.42 E., Hydrologic Unit 03090202, .3 mi west of Oak Drive, across pond from apartment parking lot on golf course in Pompano Beach. Owner: U.S. Geological Survey.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 145 ft, cased to 66 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 7.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base 3.00 ft above land-surface datum.

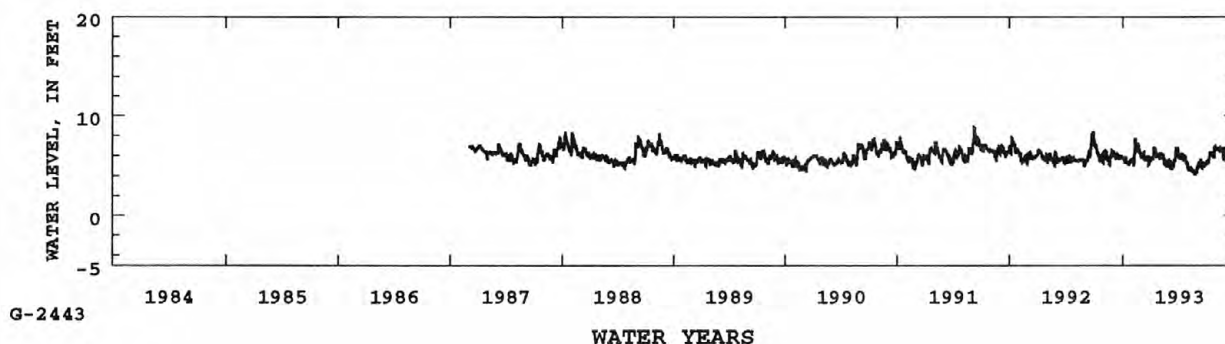
PERIOD OF RECORD.--December 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.81 ft NGVD, June 9, 1991; lowest, 4.11 ft NGVD, May 23, 1993.

STATION NUMBER 261337080103401 G -2443
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.64	5.66	6.14	5.59	6.10	4.74	5.60	4.65	5.10	5.31	6.57	5.75
10	5.58	7.62	5.51	6.71	5.44	4.86	6.09	4.68	5.04	6.25	6.77	6.33
15	5.37	6.61	5.52	6.56	5.21	5.22	5.49	4.49	5.34	6.08	6.63	6.73
20	5.10	6.99	5.89	6.01	5.50	5.80	5.83	4.19	4.91	5.78	6.35	6.26
25	5.38	6.35	5.14	6.15	5.12	6.74	5.23	4.32	5.19	6.75	6.74	5.96
EOM	5.59	5.85	5.52	6.18	5.42	5.73	4.71	4.86	5.56	6.75	6.08	6.56
MEAN	5.45	6.37	5.72	6.05	5.51	5.59	5.66	4.49	5.13	6.11	6.53	6.14
MAX	5.90	7.62	6.24	6.71	6.19	6.75	6.12	4.86	5.65	6.84	6.77	6.73
MIN	5.03	4.98	5.11	5.58	4.86	4.60	4.71	4.11	4.75	5.17	5.69	5.68

CAL YR 1992 MEAN 5.88 MAX 8.39 MIN 4.93
WTR YR 1993 MEAN 5.73 MAX 7.62 MIN 4.11



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261359080062301. Local Number G 2055. USGS Observation Well at Deerfield Beach, FL.

LOCATION.--Lat 26°13'59", long 80°06'23", in SE1/4SE1/4SW1/4 sec.36, T.48 S., R.42 E., Hydrologic Unit 03090202, 4 ft north of edge of sidewalk and 12 ft south of edge of Northeast 2nd Street at southwest corner of intersection of Northwest 2nd Street and Northeast 18th Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 180 ft, cased to 180 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.55 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft above land-surface datum.

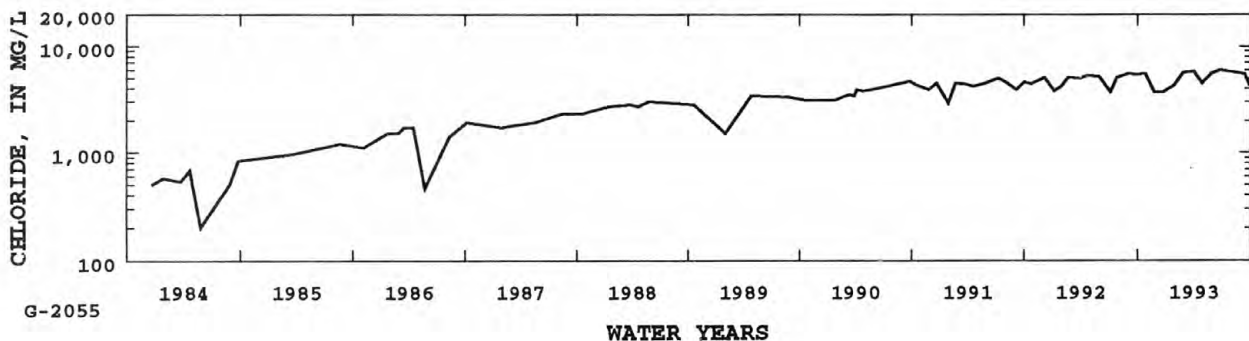
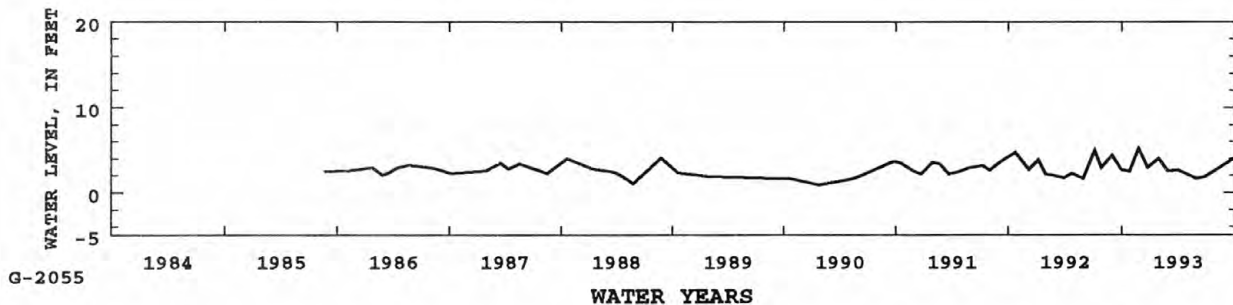
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1975 to May 1990 (intermittent), September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured,, 5.18 ft NGVD, Nov. 24, 1992; lowest measured, 0.91 ft NGVD, Jan. 23, 1990.

261359080062301 - G -2055

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
26...	1445	16300	5500	2.51	26...	1500	14400	4500	2.15
NOV					MAY				
24...	1325	11200	3700	5.18	27...	1740	17100	5600	1.67
DEC					JUN				
22...	1440	10700	3700	2.95	23...	1030	17200	6000	1.79
JAN					SEP				
28...	1110	12300	4300	3.97	10...	1135	15300	5500	3.59
FEB					27...	1100	13800	4300	4.01
25...	1300	16500	5700	2.53					
MAR									
31...	1345	15800	5800	2.61					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

77

WELL NUMBER.--261434080071901. Local Number G 853. USGS Observation Well at Pompano Beach, FL.

LOCATION.--Lat 26°14'34", long 80°07'19", in NE1/4NE1/4 sec.35, T.48 S., R.42 E., Hydrologic Unit 03090202, on north side of NE 12th Street, 200 ft west of NE 3rd Avenue, in front of water plant at Pompano Beach.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 27 ft, cased to 27 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 19.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

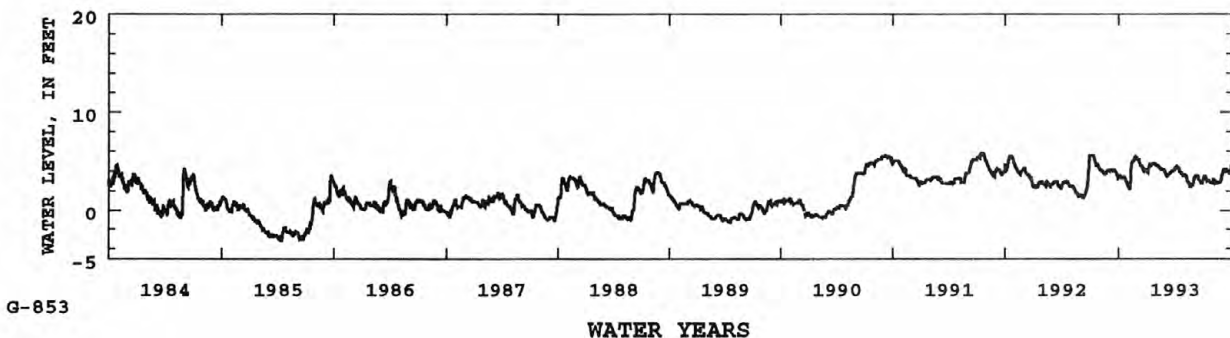
PERIOD OF RECORD.--January 1960 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.28 ft NGVD, Oct. 1, 1968; lowest, 6.54 ft below NGVD, May 5, 1981.

STATION NUMBER 261434080071901 G - 853
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.54	2.12	5.12	4.13	4.47	3.48	4.45	3.61	3.46	3.48	3.00	4.10
10	3.30	4.08	4.56	4.67	4.29	---	4.32	3.06	3.51	3.20	2.75	4.16
15	3.28	4.96	4.47	4.58	4.15	---	4.01	2.75	3.24	3.11	2.76	4.07
20	3.32	5.20	4.10	4.73	4.13	---	3.77	2.61	3.00	2.91	2.85	3.86
25	2.95	5.40	3.98	4.62	4.03	4.07	3.59	2.55	2.76	2.85	2.95	3.98
EOM	2.54	5.12	3.96	4.59	3.86	4.23	3.59	3.22	3.02	2.91	3.69	4.62
MEAN	3.20	4.27	4.44	4.52	4.23	---	3.99	2.95	3.17	3.06	2.97	4.02
MAX	3.54	5.40	5.12	4.80	4.59	---	4.45	3.61	3.52	3.49	3.69	4.62
MIN	2.54	2.12	3.96	3.78	3.86	---	3.48	2.49	2.74	2.69	2.75	3.74

CAL YR 1992 MEAN 3.32 MAX 5.57 MIN 1.25



G-853

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--261441080111301. Local Number G 1316. USGS Observation Well near Margate, FL.

LOCATION.--Lat 26°14'41", long 80°11'13", in SE1/4SE1/4 sec.30, T.48 S., R.42 E., Hydrologic Unit 03090202, at the northwest corner of Lyons Road, Coconut Creek Parkway, and 1.0 mi east of Margate.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.62 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.46 ft above land-surface datum.

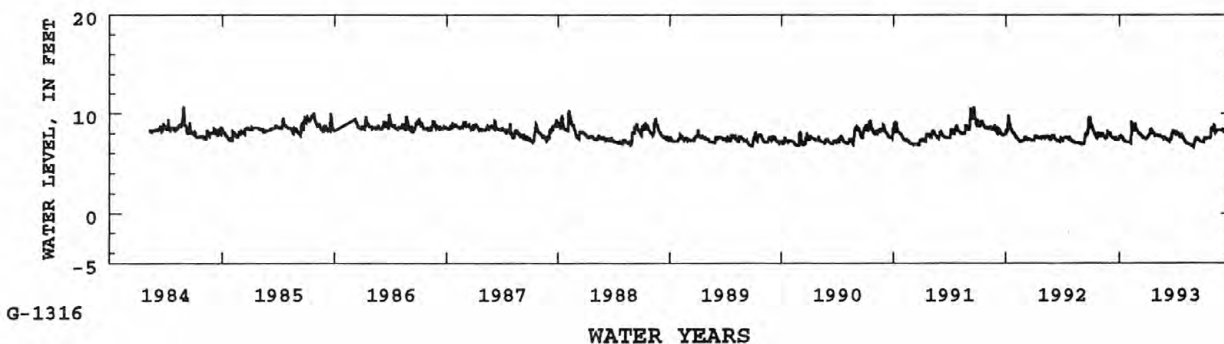
PERIOD OF RECORD.--April 1969 to September 1979, February 1984 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.02 ft NGVD, Nov. 18, 1974; lowest, 6.67 ft NGVD, May 27, 1993.

STATION NUMBER 261441080111301 G -1316
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.61	7.09	7.96	7.91	7.73	7.34	8.04	7.01	7.53	7.52	8.11	8.12
10	7.60	9.01	7.80	8.38	7.74	7.29	7.83	6.97	7.55	7.52	8.30	8.36
15	7.34	8.46	7.64	8.13	7.66	7.48	7.57	6.92	7.29	7.58	---	8.50
20	7.21	9.02	7.54	7.98	7.54	7.92	7.84	6.85	7.18	7.54	---	8.26
25	7.16	8.45	7.53	7.86	7.49	8.21	7.48	6.74	---	8.44	---	7.83
EOM	7.12	8.14	7.62	7.80	7.47	8.02	7.23	7.16	7.25	8.49	8.30	---
MEAN	7.38	8.18	7.71	7.99	7.64	7.69	7.75	6.92	---	7.77	---	---
MAX	7.71	9.04	8.09	8.38	7.81	8.25	8.11	7.18	---	8.49	---	---
MIN	7.12	7.03	7.47	7.70	7.47	7.24	7.23	6.67	---	7.39	---	---

CAL YR 1992 MEAN 7.66 MAX 9.66 MIN 6.89



BROWARD COUNTY

WELL NUMBER.--261448080061301. Local Number G 2001. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°14'48", long 80°06'13", in SE1/4SE1/4 sec.25, T.48 S., R.42 E., Hydrologic Unit 03090202, at Pompano Beach Golf Course next to melaleuca tree 107 ft southeast of green 2.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 54 ft, cased to 52 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.39 ft above land-surface datum.

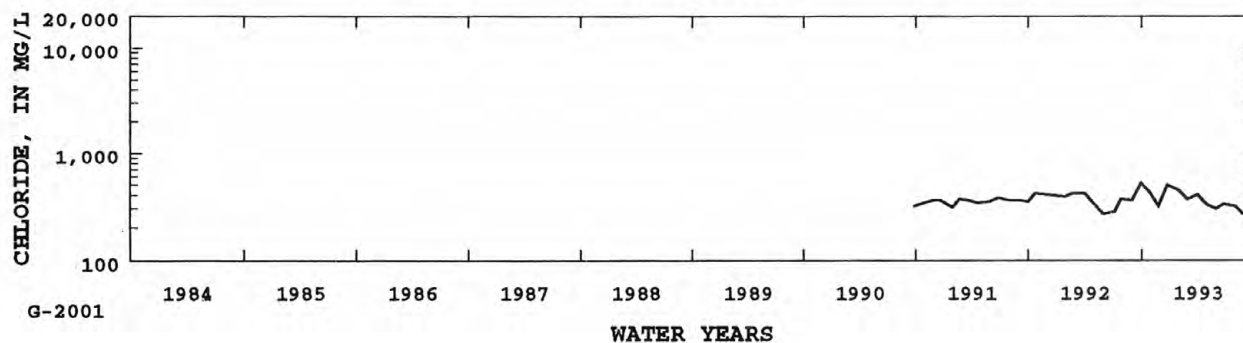
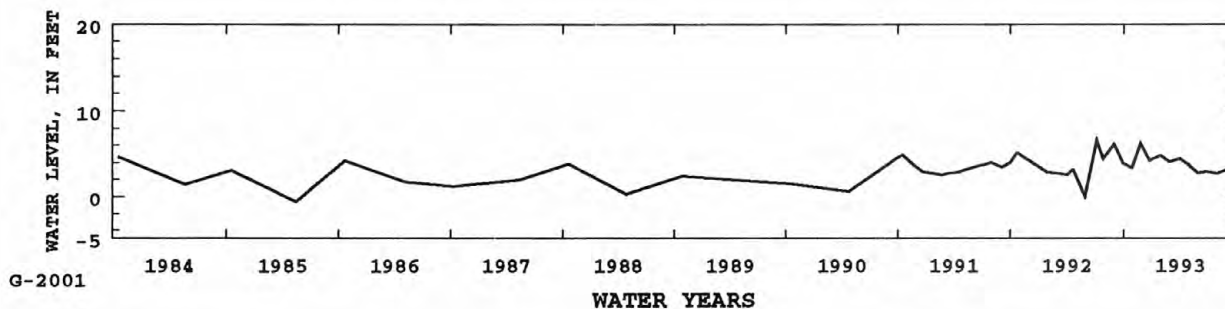
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1975 to April 1990 (semiannual), September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.54 ft NGVD, July 7, 1992; lowest measured, 2.07 ft below NGVD, May 13, 1981.

261448080061301 - G -2001

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS CL)	NGVD			SOLVED	AS CL)	NGVD
(US/CM)	(US/CM)	(MG/L	(MG/L	(FEET)	(US/CM)	(US/CM)	(MG/L	(MG/L	(FEET)
OCT					APR				
26...	1515	1860	430	3.37	26...	--	1790	330	3.72
27...	0750	--	--	3.34	MAY				
NOV					06...	1000	--	--	3.35
24...	1245	1720	320	6.13	27...	1450	1670	300	2.78
DEC					JUN				
22...	1515	2010	500	4.20	23...	1115	1730	330	2.92
JAN					JUL				
28...	1325	1940	450	4.84	29...	1500	1640	320	2.71
FEB					AUG				
25...	1405	1950	370	4.07	24...	1040	1690	270	3.10
MAR					SEP				
31...	1150	1780	410	4.42	27...	1145	1630	300	3.82



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261500080055401. Local Number G 2063. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°15'00", long 80°05'44", in NW1/4SE1/4SW1/4 sec.30, T.48 S., R.43 E., Hydrologic Unit 03090202, 142 ft east of center of Northeast 27th Avenue and 12 ft north of edge of Northeast 14th Street at northeast corner of intersection of Northeast 14th Street and Northeast 27th Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 82 ft, cased to 76.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.28 ft above land-surface datum.

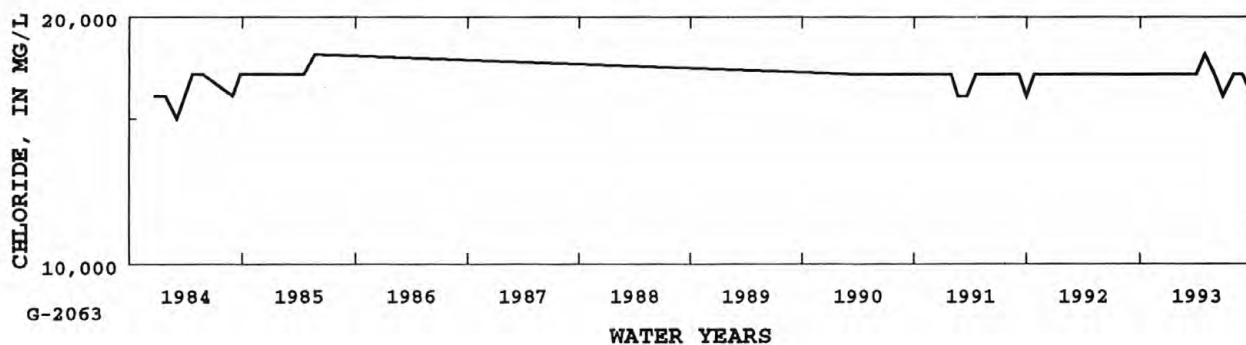
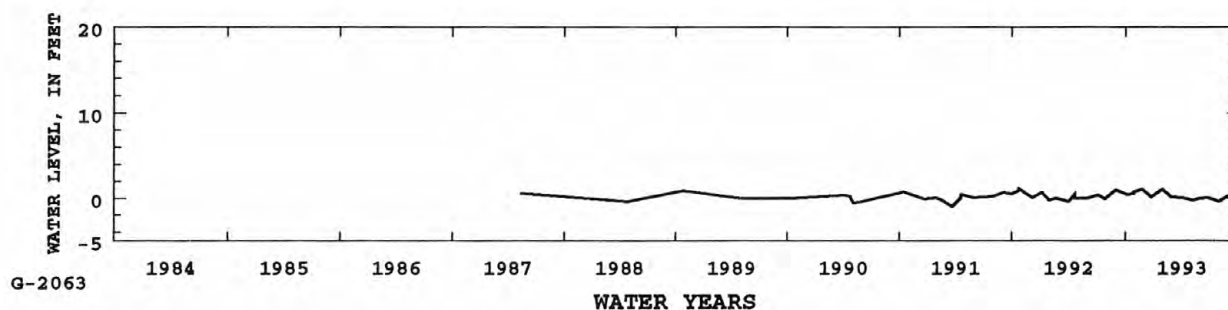
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1975 to May 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.84 ft NGVD, Oct. 5, 1979; lowest measured, 0.96 ft below NGVD, Mar. 21, 1991.

261500080055401 - G -2063

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	1140	46300	17000	0.42	26...	1520	46300	18000	--
27...	0740	--	--	0.55	MAY				
28...	1330	46000	17000	0.71	06...	0945	--	--	-0.28
NOV					27...	1620	44900	17000	0.02
24...	1130	46600	17000	1.03	JUN				
DEC					23...	1100	46300	16000	0.03
22...	1500	46000	17000	0.15	JUL				
JAN					29...	1450	47000	17000	-0.36
28...	1310	46000	17000	1.01	AUG				
FEB					24...	1400	46900	17000	0.18
25...	1350	46400	17000	0.16	SEP				
MAR					27...	1140	45800	16000	0.51
31...	1435	46200	17000	0.08					



BROWARD COUNTY

WELL NUMBER.--261501080060701. Local Number G 2147. USGS Observation Well at Pompano Beach, FL.

LOCATION.--Lat 26°15'01", long 80°06'07", in SW1/4SW1/4 sec.30, T.48 S., R.43 E., Hydrologic Unit 03090202, 200 ft west of U.S. Highway 1, and 300 ft north of Northeast 14th Street in Golf Course at Pompano Beach.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 16 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

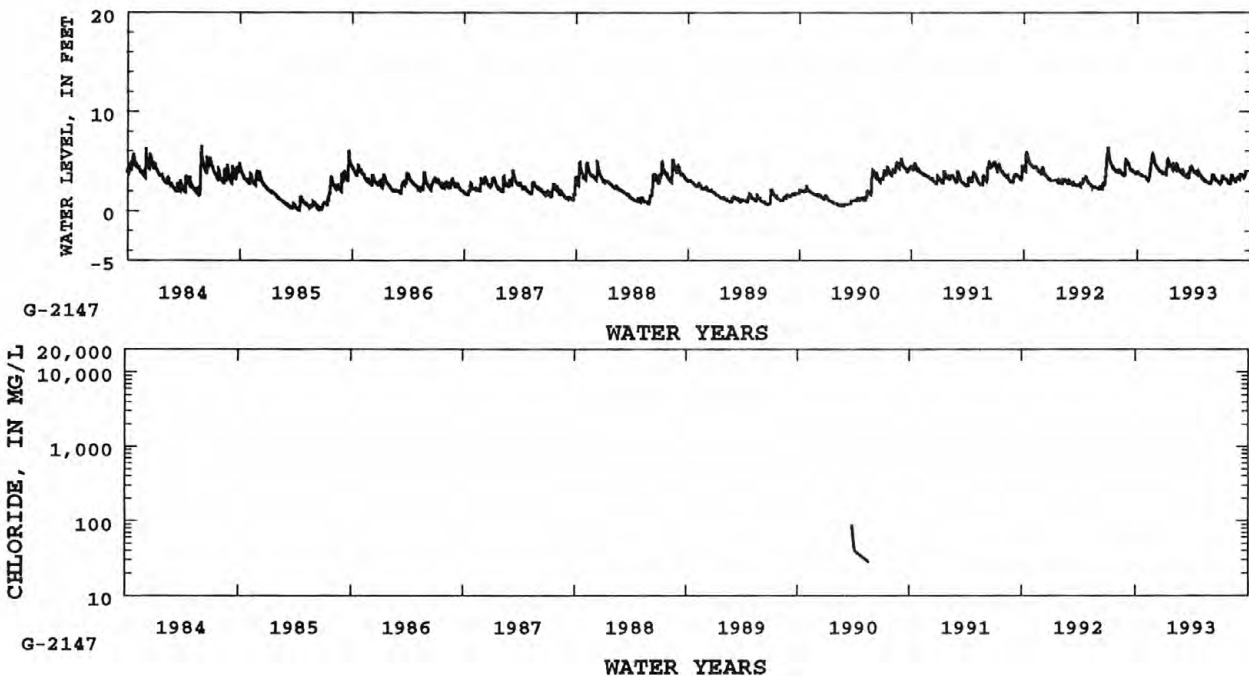
DATUM.--Land-surface datum is 9.07 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.55 ft above land-surface datum.

PERIOD OF RECORD.--October 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.53 ft NGVD, May 29, 1984; lowest, 1.02 ft below NGVD, May 5, 1981.

STATION NUMBER 261501080060701 G -2147
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	3.10	4.32	4.82	4.65	3.51	3.99	3.11	3.51	3.45	3.28	3.49
10	3.68	---	4.14	5.03	4.29	3.34	3.75	2.99	3.18	3.22	3.16	3.41
15	3.57	---	3.97	4.44	3.95	3.42	3.63	2.91	3.08	3.27	2.86	3.82
20	3.50	5.70	3.86	4.32	3.81	3.90	3.69	2.83	2.91	2.93	3.23	3.64
25	3.46	5.06	3.84	4.38	---	4.45	3.46	2.72	2.95	2.75	3.27	3.70
EOM	3.29	4.59	3.71	4.30	---	4.03	3.27	3.51	2.91	3.30	3.69	4.60
MEAN	---	---	4.01	4.44	---	---	3.70	2.96	3.12	3.10	3.26	3.65
MAX	---	---	4.52	5.03	---	---	4.04	3.51	3.63	3.51	3.70	4.60
MIN	---	---	3.70	3.69	---	---	3.27	2.70	2.82	2.69	2.83	3.35



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261501080060702. Local Number G 2064. USGS Observation Well at Pompano Beach, FL.

LOCATION.--Lat 26°15'01", long 80°06'07", in SW1/4SW1/4 sec.30, T.48 S., R.43 E., Hydrologic Unit 03090202, 200 ft west of U.S. Highway 1, and 400 ft north of Northeast 14th Street in Golf Course at Pompano Beach.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 201 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 6.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.50 ft above land-surface datum.

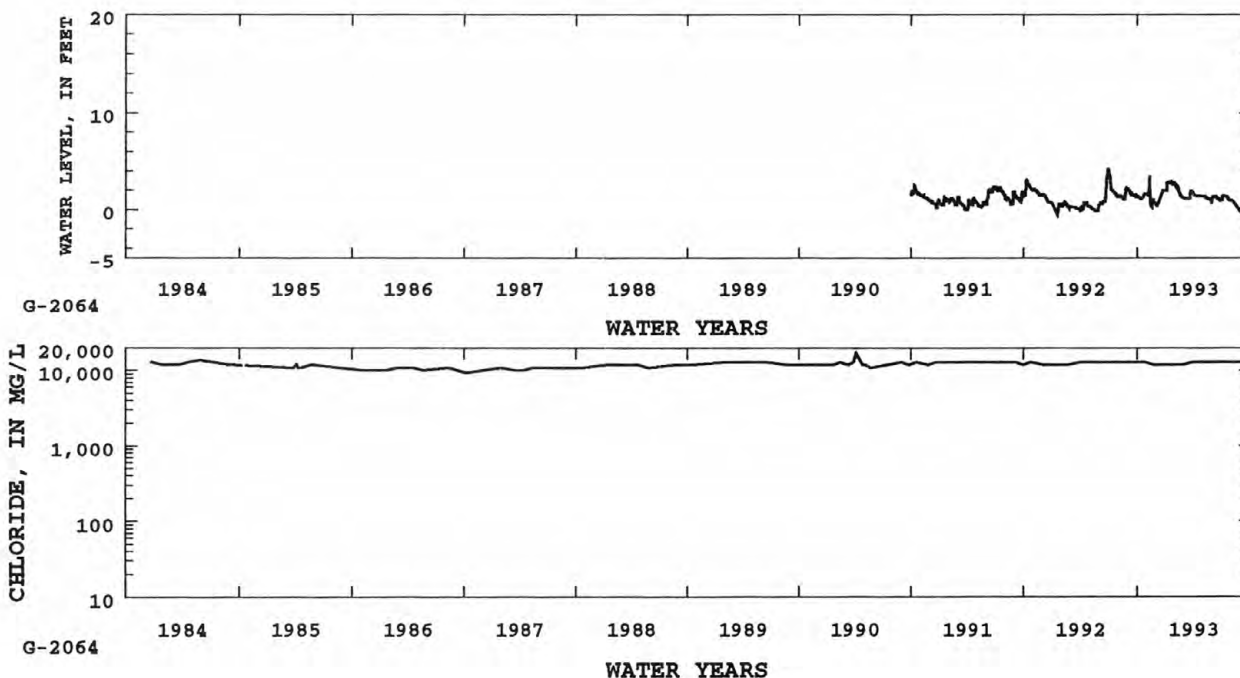
REMARKS.--Satellite Data Collection Platform located in G 2147. Well also used in salinity monitoring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.45 ft NGVD, Nov. 10, 1992; lowest, 0.53 ft below NGVD, Jan. 18-19, 1992.

STATION NUMBER 261501080060702 G -2064
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	1.49	---	2.74	2.46	1.13	1.42	1.34	1.38	1.40	---	.04
10	1.18	3.45	---	2.85	2.13	---	1.40	1.20	1.36	1.38	---	-.01
15	1.09	.36	---	2.73	1.61	1.12	1.38	1.17	1.18	1.37	---	.44
20	---	1.03	---	2.72	1.35	1.16	---	1.09	1.08	1.12	---	.43
25	---	.69	1.97	2.65	---	1.87	---	.96	.96	.96	---	.40
EOM	1.64	.49	1.94	2.55	---	---	---	1.37	.96	.94	.08	1.86
MEAN	---	1.06	---	2.63	---	---	---	---	1.18	1.20	---	---
MAX	---	3.45	---	2.86	---	---	---	---	1.39	1.40	---	---
MIN	---	.26	---	1.94	---	---	---	---	.85	.85	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

83

WELL NUMBER.--261534080165801. Local Number G 2031. USGS Observation Well at Coral Springs, FL.

LOCATION.--Lat 26°15'34", long 80°16'58", in SE1/4SE1/4 sec.19, T.48 S., R.41 E., Hydrologic Unit 03090202, on west side of Coral Springs Drive, 150 ft north of Royal Palm Boulevard, in Coral Springs, and 4.0 mi west of U.S. Highway 441.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 22 ft, cased to 21 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.57 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

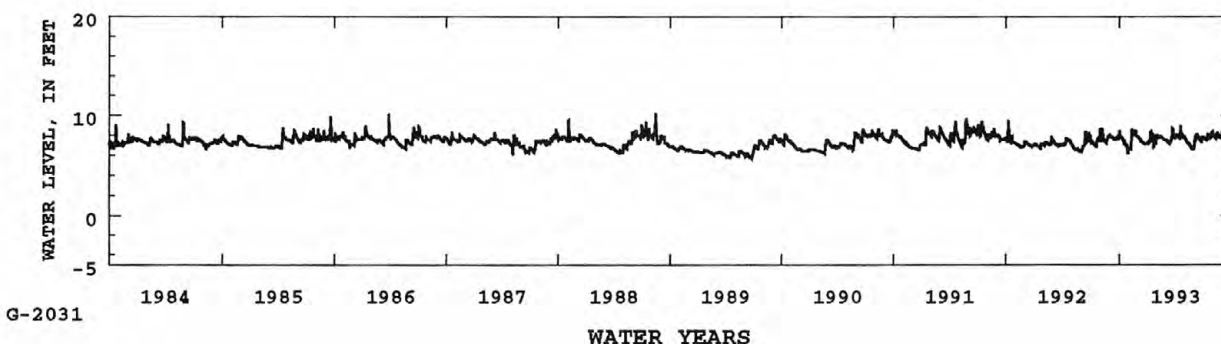
PERIOD OF RECORD.--January 1972 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.96 ft NGVD, Apr. 25, 1979; lowest, 4.75 ft NGVD estimated, Sept. 5, 1979.

STATION NUMBER 261534080165801 G -2031
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.90	6.74	7.65	7.26	7.81	7.41	8.02	7.44	7.94	7.66	7.86	8.15
10	7.68	8.64	7.36	8.32	7.68	7.21	7.82	7.26	7.95	7.46	7.83	7.96
15	7.36	8.13	7.30	8.03	---	7.35	7.54	7.10	7.70	7.98	8.06	8.29
20	7.15	8.59	7.17	6.88	---	7.77	8.11	6.84	7.48	7.70	7.84	7.99
25	6.94	8.08	7.20	8.01	7.56	7.88	7.80	6.63	7.83	7.89	7.68	7.77
EOM	6.56	7.84	7.20	8.00	7.55	8.05	7.72	6.93	7.66	8.02	8.24	7.71
MEAN	7.30	7.75	7.34	7.64	---	7.65	7.93	7.04	7.71	7.79	7.93	7.97
MAX	8.46	8.64	7.82	8.33	---	8.66	8.98	7.66	8.06	8.30	8.51	8.29
MIN	6.12	6.62	7.03	6.88	---	7.15	7.54	6.52	7.26	7.46	7.68	7.70

CAL YR 1992 MEAN 7.32 MAX 8.73 MIN 6.12



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261544080062402. Local Number G 2277. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°15'44", long 80°06'24", in NW1/4NE1/4NE1/4 sec.25, T.48 S., R.42 E., Hydrologic Unit 03090202, 14.2 ft west of Northeast 12th Avenue and 9.8 ft north of speed limit sign at southwest corner of intersection of Northeast 23rd Court and Northeast 12th Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 131 ft, cased to 112 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.34 ft below land-surface datum.

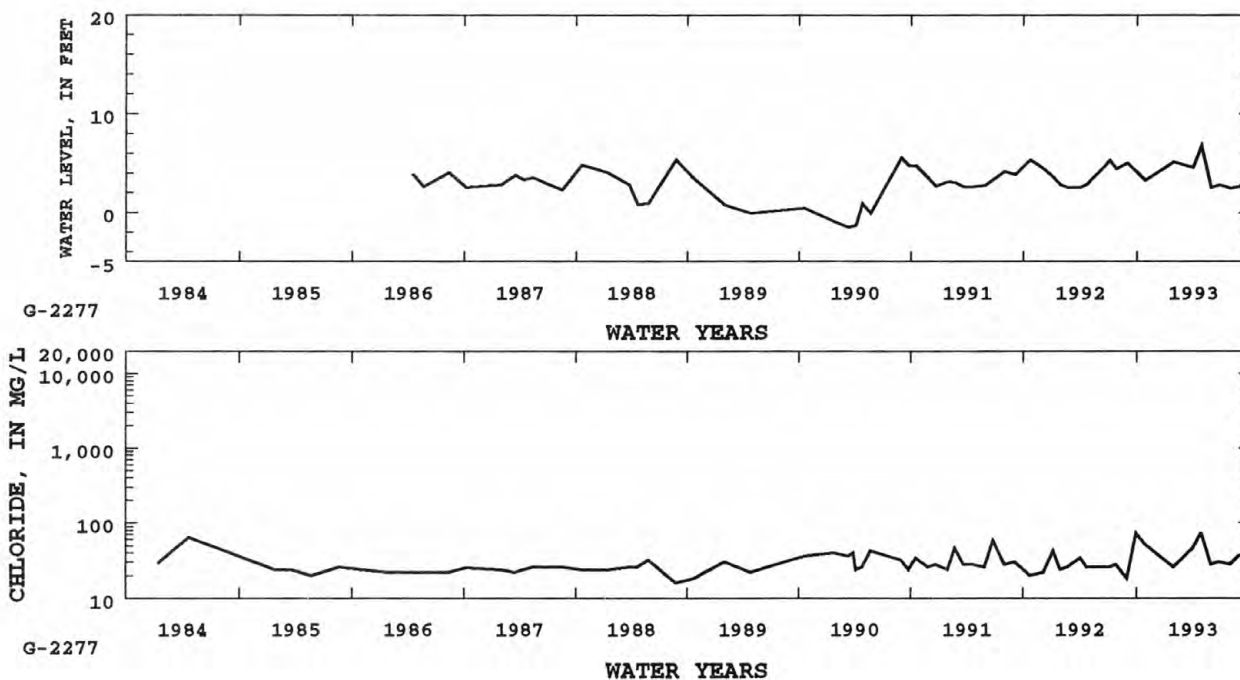
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--April 1986 to May 1990 (intermittent), August 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.76 ft NGVD, Apr. 26, 1993; lowest measured, 1.47 ft below NGVD, Mar. 12, 1990.

261544080062402 - G -2277

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					JUN				
28...	1345	641	52	3.25	23...	1200	630	30	2.79
JAN					JUL				
28...	1420	360	26	5.17	29...	1430	583	28	2.46
MAR					AUG				
31...	1530	535	46	4.56	24...	1345	634	36	2.63
APR					SEP				
26...	1615	843	73	6.76	27...	1215	606	40	3.49
MAY									
27...	1600	596	28	2.56					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

85

WELL NUMBER.--261645080064701. Local Number G 1215. USGS Observation Well at Pompano Beach, FL.

LOCATION.--Lat 26°16'45", long 80°06'47", in NE1/4SW1/4 sec.13, T.48 S., R.42 E., Hydrologic Unit 03090202, at southwest corner of Northeast 40th Street and Dixie Highway in Pompano Beach, and 0.25 mi north of Sample Road.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft, cased to 14 ft.

INSTRUMENTATION.--Satellite Data Collection Platform. Prior to Mar. 5, 1992 digital water-level recorder.

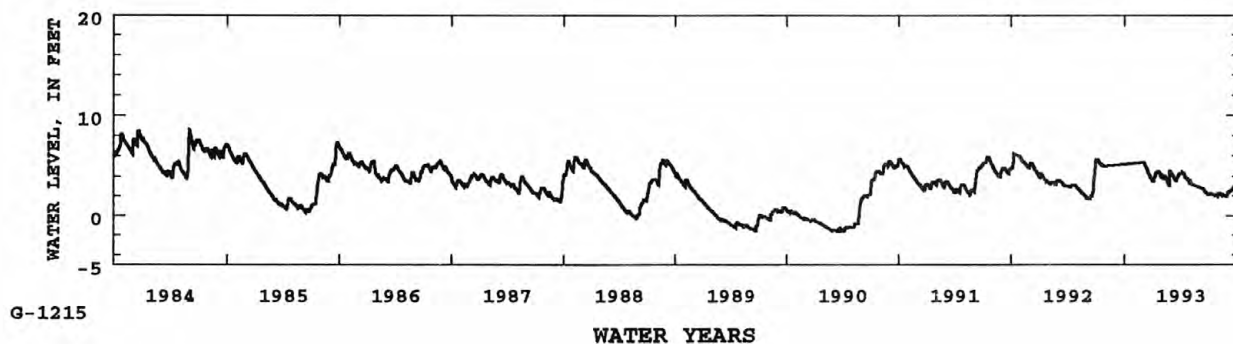
DATUM.--Land-surface datum is 15.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.62 ft above land-surface datum.

PERIOD OF RECORD.--December 1962 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.31 ft NGVD, Oct. 31, 1965; lowest, 2.13 ft below NGVD, Apr. 29, 1981.

STATION NUMBER 261645080064701 G -1215
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	5.13	3.79	3.81	4.06	4.25	---	---	2.27	2.28	2.48
10	---	---	4.80	4.23	3.92	3.76	4.19	---	2.74	2.21	2.11	2.55
15	---	---	4.49	4.37	3.58	3.58	3.88	---	2.59	2.17	2.13	2.76
20	---	---	4.11	4.38	3.17	3.74	3.76	---	2.40	2.08	2.03	2.91
25	---	---	3.76	3.95	4.48	4.11	3.55	---	2.22	2.03	1.99	3.00
EOM	---	---	3.49	4.03	4.32	4.25	3.47	---	2.18	2.24	2.35	3.19
MEAN	---	---	---	4.10	3.76	3.93	3.91	---	---	2.15	2.12	2.75
MAX	---	---	---	4.42	4.51	4.26	4.27	---	---	2.27	2.35	3.19
MIN	---	---	---	3.45	2.93	3.52	3.42	---	---	1.98	1.94	2.38



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

WELL NUMBER.--261708080090801. Local Number G 1315. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°17'08", long 80°09'08", in SW1/4NW1/4 sec.15, T.48 S., R.42 E., Hydrologic Unit 03090202, 50 ft east of Power Line Road, 0.8 mi north of Sample Road, and 2.3 mi northeast of Pompano Beach.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 14 ft.

REVISED RECORDS.--WDR FL-85-2B: 1982

INSTRUMENTATION.--Digital water-level recorder.

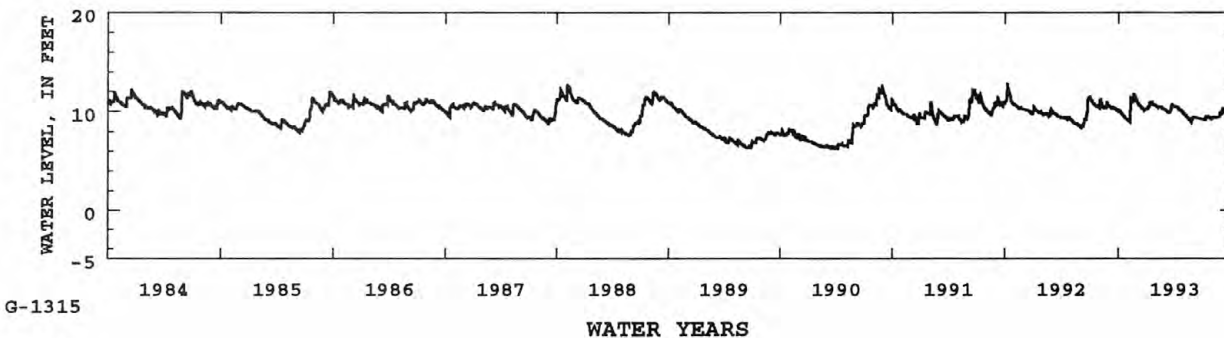
DATUM.--Land-surface datum is 14.59 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1969 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.66 ft NGVD, Apr. 25, 1979; lowest, 6.26 ft NGVD, Mar. 30, 1990.

STATION NUMBER 261708080090801 G -1315
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.10	9.05	10.70	10.46	10.50	10.06	10.46	9.62	---	---	9.40	10.25
10	9.84	11.34	10.52	10.93	10.50	9.93	10.37	9.42	---	9.49	---	10.21
15	9.65	11.07	10.36	10.80	10.44	9.98	10.15	9.23	---	9.48	---	10.54
20	9.44	11.79	10.24	10.72	10.29	10.22	10.11	9.09	---	9.38	9.45	10.30
25	---	11.40	10.24	10.60	10.20	10.60	9.95	---	---	9.27	9.87	10.09
EOM	9.15	10.96	10.19	10.53	10.18	10.49	9.75	9.44	---	9.43	10.00	10.15
MEAN	---	---	10.41	10.64	---	10.23	10.19	---	---	---	---	10.23
MAX	---	---	10.90	10.93	---	10.64	10.48	---	---	---	---	10.54
MIN	---	---	10.14	10.28	---	9.81	9.75	---	---	---	---	9.99



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

87

WELL NUMBER.--261710080135001. Local Number G 616. USGS Observation Well near Coral Springs, FL.

LOCATION.--Lat 26°17'10", long 80°13'50", in NW1/4NW1/4 sec.14, T.48 S., R.41 E., Hydrologic Unit 03090202, at southeast corner of Wiles Road and Riverside Drive, 1.2 mi northeast of Coral Springs, 1.95 mi west of State Road 7, and 3 mi south of Hillsboro Canal.

AQUIFER.--Sandstone biscayne aquifer of Pleistocene Age, Geologic Unit 112 BSCNS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 15 ft, cased to 15 ft.

REVISED RECORDS.--WDR FL-81-2B: 1980. WDR FL-85-2B: 1980, 1981.

INSTRUMENTATION.--Digital water-level recorder.

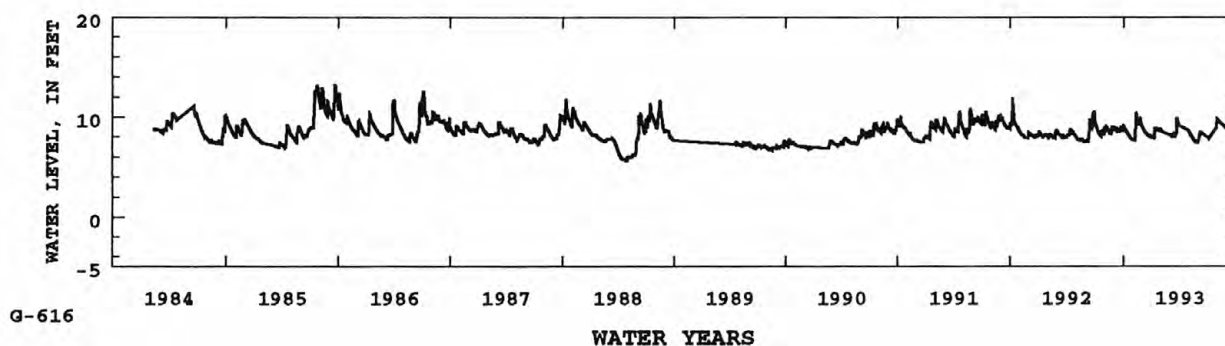
DATUM.--Land-surface datum is 12.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.56 ft above land-surface datum.

PERIOD OF RECORD.--January 1952 to current year. Records of water levels prior to August 1952 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.05 ft NGVD, June 20, 1959; lowest, 5.38 ft NGVD, Apr. 24, 1979.

STATION NUMBER 261710080135001 G - 616
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.78	7.59	8.65	7.94	---	8.02	---	8.17	8.42	---	---	9.38
10	8.48	10.42	8.39	8.82	---	7.95	---	8.01	---	---	---	9.35
15	8.24	9.44	8.24	8.70	---	8.07	---	7.66	---	---	---	9.80
20	8.01	9.76	8.09	8.62	---	8.34	---	7.48	---	---	---	9.20
25	7.79	9.54	8.09	8.72	8.19	9.39	---	---	---	---	---	8.85
EOM	7.61	8.92	7.94	8.52	8.14	---	8.42	7.77	7.94	---	9.82	8.68
MEAN	8.23	9.03	8.27	8.50	---	---	---	---	---	---	---	9.31
MAX	9.02	10.42	8.86	8.85	---	---	---	---	---	---	---	9.83
MIN	7.61	7.58	7.86	7.83	---	---	---	---	---	---	---	8.65



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261734080111301. Local Number G 1213. USGS Observation Well near Pompano Beach, FL.

LOCATION.--Lat 26°17'34", long 80°11'13", in NE1/4SE1/4 sec.7, T.48 S., R.42 E., Hydrologic Unit 03090202, at southwest corner of Wilburn Road and Lyons Road, 1.0 mi east of U.S. 441, and 7.5 mi northwest of Pompano Beach.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 20 ft cased to 11.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 5.65 ft above land-surface datum.

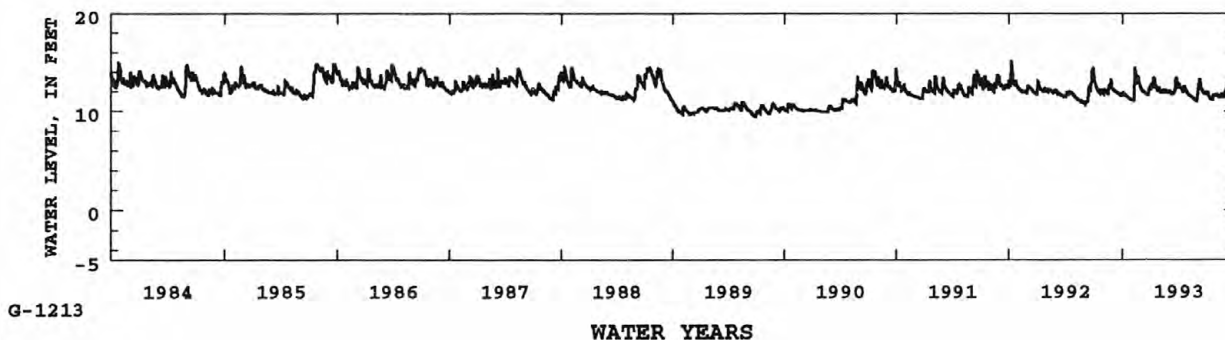
PERIOD OF RECORD.--December 1962 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 15.65 ft NGVD, Oct. 15, 1965; lowest, 9.39 ft NGVD, June 29, 1989.

STATION NUMBER 261734080111301 G -1213
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.77	11.04	12.00	12.64	12.00	11.80	12.47	11.52	13.17	11.52	11.46	12.62
10	11.56	14.50	11.87	13.40	11.96	11.67	12.12	11.44	12.26	11.26	11.33	12.49
15	11.41	13.18	11.73	12.45	12.10	11.85	11.79	11.32	12.19	11.16	11.43	13.47
20	11.33	13.51	11.65	12.13	11.87	12.14	12.24	11.17	11.66	11.54	11.42	12.64
25	11.19	12.77	12.09	12.19	12.01	12.90	11.93	---	11.75	11.50	11.65	12.24
EOM	11.10	12.25	12.25	11.89	12.02	12.56	11.70	11.97	11.82	11.54	12.29	12.19
MEAN	11.43	12.60	11.93	12.46	11.98	12.21	12.16	---	12.16	11.45	11.57	12.59
MAX	11.81	14.50	12.40	13.40	12.15	13.46	12.67	---	13.18	11.91	12.29	13.47
MIN	11.10	11.03	11.60	11.89	11.81	11.63	11.70	---	11.64	11.10	11.33	12.15

CAL YR 1992 MEAN 11.92 MAX 14.50 MIN 10.68



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

89

WELL NUMBER.--261800080063101. Local Number G 2727. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°17'58", long 80°06'28", in SW1/4NE1/4NE1/4 sec.12, T.48 S., R.42 E., Hydrologic Unit 03090202, 20 ft south of Southwest 14th Street, 318 ft west of Old Dixie Highway, in the empty lot just east of the first house (18 ft west of G 2709).

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.38 in., depth 180 ft, cased to 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

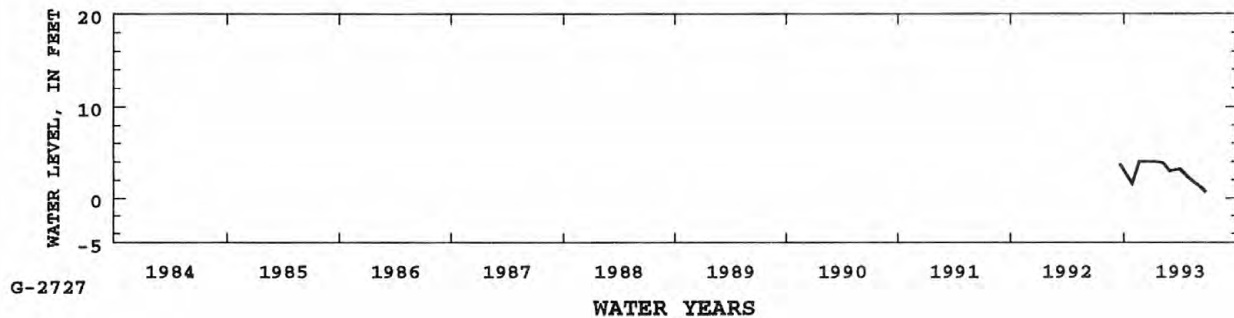
DATUM.--Land-surface datum is 14.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.03 ft NGVD, Jan. 6, 1993; lowest measured, 0.68 ft NGVD, June 22, 1993.

261800080063101 - G -2727

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					MAR				
27...	1350	--	--	1.60	30...	1040	--	--	3.19
NOV					APR				
19...	1320	--	--	4.02	28...	0930	--	--	2.18
JAN					JUN				
06...	1211	--	--	4.03	04...	1030	--	--	1.24
FEB					22...	0900	--	--	0.68
04...	0940	--	--	3.86					
25...	0915	--	--	2.97					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261800080062702. Local Number G 2716. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°18'00", long 80°06'27", in NE1/4NE1/4SE1/4 sec.12, T.48 S., R.42 E., Hydrologic Unit 03090202, located on the southwest corner of Southwest 15th Street and Southwest 1st Way, 44 ft northwest of the fire hydrant located on west side of Southwest 1st Way.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 40 ft, cased to 10 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

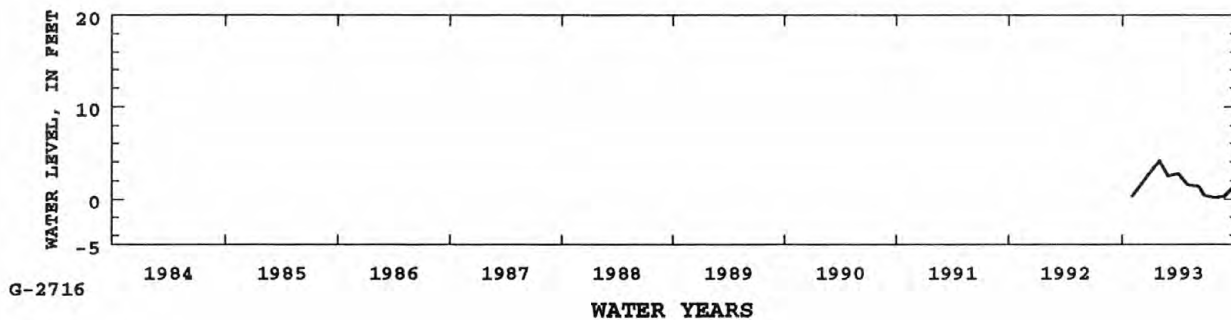
DATUM.--Land-surface datum is 15.57 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

PERIOD OF RECORD.--November 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.07 ft NGVD, Jan. 29, 1993; lowest measured, 0.14 ft NGVD, July 23, 1993.

261800080062702 - G -2716

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
NOV					JUN				
02...	1410	--	--	0.28	04...	1015	--	--	1.32
JAN					22...	0910	--	--	0.42
08...	1405	--	--	3.30	JUL				
29...	0905	--	--	4.07	23...	1000	--	--	0.14
FEB					AUG				
25...	0945	--	--	2.49	24...	1400	344	16	0.24
MAR					SEP				
30...	1100	--	--	2.73	27...	1215	--	--	1.37
APR									
28...	0945	--	--	1.60					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

91

WELL NUMBER.--261812080070101. Local Number G 2711. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°18'10", long 80°06'59", in NE1/4NW1/4NW1/4 sec.12, T.48 S., R.42 E., Hydrologic Unit 03090202, 55 ft southeast of Southwest 11th Way in the Southwest 11th Way Park approximately 500 ft south of Southwest 10th Street.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 37 ft, cased to 10 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

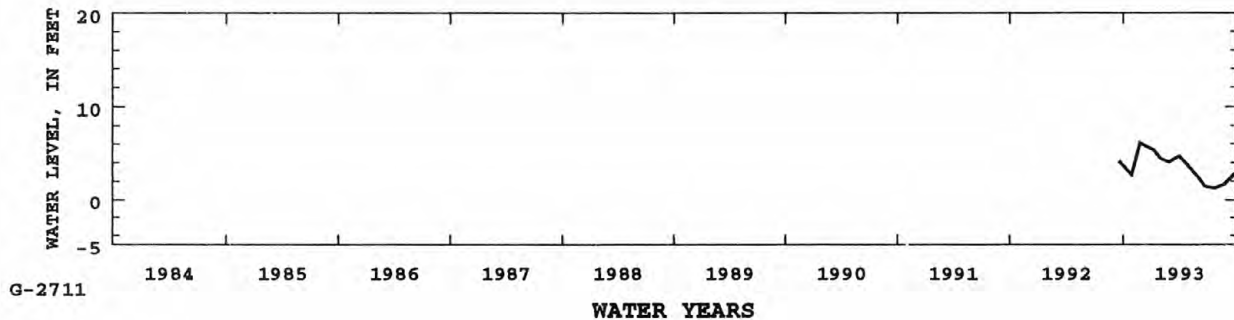
DATUM.--Land-surface datum is 18.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.51 ft below land-surface datum.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.12 ft NGVD, Nov. 24, 1992; lowest measured, 1.25 ft NGVD, July 23, 1993.

261812080070101 - G -2711

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
ANCE	ANCE	CON-	DIS-	ATION	ANCE	ANCE	CON-	DIS-	ATION
		DUCT-	SOLVED				DUCT-	SOLVED	
(US/CM)	(US/CM)	(MG/L)	(MG/L)	NGVD	(US/CM)	(US/CM)	(MG/L)	(MG/L)	NGVD
(AS CL)	(AS CL)	(FEET)	(FEET)	(FEET)	(AS CL)	(AS CL)	(FEET)	(FEET)	(FEET)
OCT					APR				
28...	1225	--	--	2.66	28...	1000	--	--	3.68
NOV					JUN				
24...	1315	--	--	6.12	04...	1030	--	--	2.21
JAN					22...	0930	--	--	1.46
08...	1245	--	--	5.31	JUL				
29...	0945	--	--	4.44	23...	0920	--	--	1.25
FEB					AUG				
25...	1100	--	--	4.06	23...	0930	379	52	1.62
MAR					SEP				
30...	1115	--	--	4.73	27...	1300	--	--	2.86



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261820080054201. Local Number G 2724. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°18'20", long 80°05'45", in SE1/4SE1/4SW1/4 sec.6, T.48 S., R.43 E., Hydrologic Unit 03090202, at the southeast corner of Southeast 9th Street and Southeast 6th Avenue (12 ft east of G 2709).

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 174 ft, cased to 60 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

REMARKS.--Well also used for conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.29 ft NGVD, Nov. 19, 1992; lowest measured, 2.31 ft NGVD, July 26, 1993.

261820080054201 - G -2724

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
OCT					JAN				
DATE	AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
27...	--	--	--	3.05	06...	--	--	--	5.19
27...	10.0	123	--	--	06...	10.0	110	--	--
27...	20.0	125	--	--	06...	20.0	120	--	--
27...	30.0	127	--	--	28...	--	--	--	4.89
27...	40.0	127	--	--	29...	10.0	100	--	--
27...	50.0	128	--	--	29...	20.0	100	--	--
27...	60.0	345	--	--	29...	30.0	140	--	--
27...	70.0	497	--	--	29...	40.0	140	--	--
27...	80.0	498	--	--	29...	50.0	140	--	--
27...	90.0	499	--	--	29...	60.0	600	--	--
27...	100.0	498	--	--	29...	70.0	600	--	--
27...	110.0	499	--	--	29...	80.0	600	--	--
27...	120.0	499	--	--	29...	90.0	600	--	--
27...	130.0	499	--	--	29...	100.0	600	--	--
27...	140.0	498	--	--	29...	110.0	600	--	--
27...	150.0	498	--	--	29...	120.0	600	--	--
NOV					29...	130.0	650	--	--
19...	--	--	--	5.29	29...	140.0	650	--	--
19...	10.0	75	--	--	29...	150.0	650	--	--
19...	20.0	98	--	--	FEB				
19...	30.0	128	--	--	24...	--	--	--	3.94
19...	40.0	129	--	--	24...	10.0	100	--	--
19...	50.0	129	--	--	24...	20.0	100	--	--
19...	60.0	181	--	--	24...	30.0	140	--	--
19...	70.0	486	--	--	24...	40.0	150	--	--
19...	80.0	496	--	--	24...	50.0	600	--	--
19...	90.0	503	--	--	24...	60.0	600	--	--
19...	100.0	494	--	--	24...	70.0	600	--	--
19...	110.0	498	--	--	24...	80.0	600	--	--
19...	120.0	498	--	--	24...	90.0	600	--	--
19...	130.0	501	--	--	24...	100.0	600	--	--
19...	140.0	502	--	--	24...	110.0	600	--	--
19...	150.0	501	--	--	24...	120.0	600	--	--
					24...	130.0	600	--	--
					24...	140.0	600	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

93

261820080054201 - G -2724

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH					DEPTH				
AT	SPE-	CHLO-			AT	SPE-	CHLO-		
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
MAR					JUN				
30...	--	--	--	4.42	04...	70.0	600	--	--
30...	10.0	110	--	--	04...	80.0	600	--	--
30...	20.0	110	--	--	04...	90.0	600	--	--
30...	30.0	110	--	--	04...	100.0	600	--	--
30...	40.0	140	--	--	04...	110.0	600	--	--
30...	50.0	180	--	--	04...	120.0	600	--	--
30...	60.0	600	--	--	04...	130.0	600	--	--
30...	70.0	600	--	--	04...	140.0	600	--	--
30...	80.0	600	--	--	04...	150.0	600	--	--
30...	90.0	600	--	--	24...	--	--	--	2.44
30...	100.0	600	--	--	24...	10.0	110	--	--
30...	110.0	600	--	--	24...	20.0	130	--	--
30...	120.0	650	--	--	24...	30.0	120	--	--
30...	130.0	700	--	--	24...	40.0	120	--	--
30...	140.0	700	--	--	24...	50.0	200	--	--
30...	150.0	700	--	--	24...	60.0	600	--	--
APR					24...	70.0	600	--	--
27...	--	--	--	3.49	24...	80.0	600	--	--
27...	10.0	105	--	--	24...	90.0	600	--	--
27...	20.0	110	--	--	24...	100.0	600	--	--
27...	30.0	110	--	--	24...	110.0	600	--	--
27...	40.0	115	--	--	24...	120.0	600	--	--
27...	50.0	190	--	--	24...	130.0	600	--	--
27...	60.0	600	--	--	24...	140.0	600	--	--
27...	70.0	600	--	--	24...	150.0	700	--	--
27...	80.0	600	--	--	JUL				
27...	90.0	600	--	--	26...	--	--	--	2.31
27...	100.0	600	--	--	26...	10.0	120	--	--
27...	110.0	650	--	--	26...	20.0	120	--	--
27...	120.0	650	--	--	26...	30.0	120	--	--
27...	130.0	650	--	--	26...	40.0	120	--	--
27...	140.0	650	--	--	26...	50.0	220	--	--
27...	150.0	650	--	--	26...	60.0	600	--	--
JUN					26...	70.0	600	--	--
04...	--	--	--	3.24	26...	80.0	600	--	--
04...	10.0	100	--	--	26...	90.0	625	--	--
04...	20.0	110	--	--	26...	100.0	650	--	--
04...	30.0	110	--	--	26...	110.0	650	--	--
04...	40.0	120	--	--	26...	120.0	650	--	--
04...	50.0	200	--	--	26...	130.0	650	--	--
04...	60.0	600	--	--	26...	140.0	650	--	--
					26...	150.0	700	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

261820080054201 - G -2724

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993					WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993				
DEPTH	AT	SPE-	CHLO-	ELEV-	DEPTH	AT	SPE-	CHLO-	ELEV-
SAMPLE	CIFIC	RIDE,	DIS-	ATION	SAMPLE	CIFIC	RIDE,	DIS-	ATION
LOC-	CON-	SOLVED	ABOVE		LOC-	CON-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
AUG					SEP				
24...	--	466	18	2.44	28...	--	--	--	2.95
24...	10.0	120	--	--	28...	10.0	140	--	--
24...	20.0	120	--	--	28...	20.0	140	--	--
24...	30.0	120	--	--	28...	30.0	140	--	--
24...	40.0	120	--	--	28...	40.0	140	--	--
24...	50.0	250	--	--	28...	50.0	260	--	--
24...	60.0	575	--	--	28...	60.0	600	--	--
24...	70.0	550	--	--	28...	70.0	600	--	--
24...	80.0	575	--	--	28...	80.0	600	--	--
24...	90.0	575	--	--	28...	90.0	600	--	--
24...	100.0	600	--	--	28...	100.0	600	--	--
24...	110.0	600	--	--	28...	110.0	600	--	--
24...	120.0	625	--	--	28...	120.0	600	--	--
24...	130.0	650	--	--	28...	130.0	600	--	--
24...	140.0	650	--	--	28...	140.0	600	--	--
24...	150.0	650	--	--	28...	150.0	600	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

95

WELL NUMBER.--261831080151301. Local Number G 2739. USGS Observation Well at Parkland, FL.

LOCATION.--Lat 26°18'31", long 80°15'13", in SE1/4 sec.4, T.48 S., R.41 E., Hydrologic Unit 03090202, east of University Drive and north of fenced area across from The Landings, 0.5 mi north of Sawgrass Expressway and 0.1 mi south of Holmberg Road.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 21 ft., cased to 21 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 12.31 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.75 ft above land-surface datum.

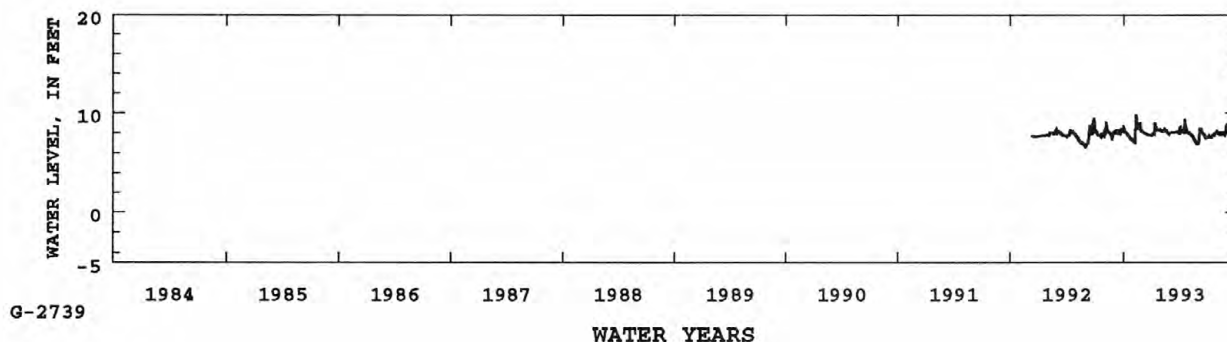
REMARKS.--Well replaces G 2030.

PERIOD OF RECORD.--December 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.82 ft NGVD; Nov. 10, 1992, lowest, 6.60 ft NGVD, June 2, 1992.

STATION NUMBER 261831080151301 G -2739
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.06	7.05	8.01	7.98	8.18	---	8.36	7.85	8.34	7.63	7.91	8.37
10	8.00	9.82	7.92	8.93	8.16	---	8.09	7.68	8.04	7.47	7.84	8.12
15	7.75	8.60	7.85	8.37	8.21	---	7.95	7.41	7.88	7.79	8.07	8.46
20	7.55	8.71	7.79	8.27	8.00	---	8.36	7.15	7.61	7.71	7.88	8.17
25	7.40	8.54	---	8.36	---	---	7.98	6.91	7.61	8.00	7.94	7.96
EOM	7.20	8.11	7.74	8.21	---	8.46	7.99	7.30	7.62	7.98	8.90	8.04
MEAN	7.73	8.27	---	8.27	---	---	8.23	7.39	7.85	7.77	8.03	8.23
MAX	8.49	9.82	---	8.93	---	---	9.35	7.94	8.45	8.14	8.90	8.73
MIN	7.20	6.98	---	7.82	---	---	7.95	6.85	7.37	7.45	7.78	7.96



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261835080054501. Local Number G 2736. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°18'36", long 80°05'44", in SW1/4NW1/4SE1/4 sec.6, T.48 S., R.43 E., Hydrologic Unit 03090202, along Southeast 5th Court, between Southeast 6th Avenue and Southeast 7th Avenue, 15 ft south of Southeast 5th Court, 77 ft west of Southeast 7th Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.38 in., depth 175 ft, cased to 10 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft below land-surface datum.

REMARKS.--Well also used for conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.41 ft NGVD, Jan. 8, 1993; lowest measured, 2.86 ft NGVD, July 26, 1993.

261835080054501 - G -2736

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	AT	SPE-	CHLO-	ELEV-	DATE	AT	SPE-	CHLO-	ELEV-
	SAMPLE	CIFIC	RIDE,			SAMPLE	CIFIC	RIDE,	
	LOC-	CON-	DIS-			LOC-	CON-	DIS-	
	ATION,	DUCT-	SOLVED			ATION,	DUCT-	SOLVED	
	TOTAL	ANCE	(MG/L	NGVD		TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
OCT					JAN				
28...	--	--	--	3.40	08...	90.0	600	--	--
28...	10.0	170	--	--	08...	100.0	600	--	--
28...	20.0	383	--	--	29...	--	--	--	5.18
28...	30.0	468	--	--	29...	10.0	230	--	--
28...	40.0	533	--	--	29...	20.0	300	--	--
28...	50.0	533	--	--	29...	30.0	550	--	--
28...	60.0	530	--	--	29...	40.0	600	--	--
28...	70.0	532	--	--	29...	50.0	600	--	--
28...	80.0	530	--	--	29...	60.0	600	--	--
28...	90.0	529	--	--	29...	70.0	600	--	--
28...	100.0	530	--	--	29...	80.0	600	--	--
28...	110.0	532	--	--	29...	90.0	600	--	--
28...	120.0	539	--	--	29...	100.0	600	--	--
NOV					FEB				
24...	--	--	--	5.13	24...	--	--	--	4.44
24...	10.0	227	--	--	24...	10.0	150	--	--
24...	20.0	565	--	--	24...	20.0	260	--	--
24...	30.0	564	--	--	24...	30.0	470	--	--
24...	40.0	566	--	--	24...	40.0	600	--	--
24...	50.0	569	--	--	24...	50.0	600	--	--
24...	60.0	569	--	--	24...	60.0	600	--	--
24...	70.0	575	--	--	24...	70.0	600	--	--
24...	80.0	574	--	--	24...	80.0	600	--	--
24...	90.0	583	--	--	24...	90.0	600	--	--
24...	100.0	582	--	--	24...	100.0	600	--	--
24...	110.0	582	--	--	MAR				
24...	120.0	587	--	--	30...	--	--	--	4.76
JAN					30...	10.0	200	--	--
08...	--	--	--	5.41	30...	20.0	280	--	--
08...	10.0	210	--	--	30...	30.0	500	--	--
08...	20.0	310	--	--	30...	40.0	500	--	--
08...	30.0	520	--	--	30...	50.0	500	--	--
08...	40.0	600	--	--	30...	60.0	600	--	--
08...	50.0	600	--	--	30...	70.0	600	--	--
08...	60.0	600	--	--	30...	80.0	600	--	--
08...	70.0	600	--	--	30...	90.0	600	--	--
08...	80.0	600	--	--	30...	100.0	600	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

97

261835080054501 - G -2736

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
APR					JUL				
27...	--	--	--	3.98	26...	--	--	--	2.86
27...	10.0	190	--	--	26...	10.0	165	--	--
27...	20.0	275	--	--	26...	20.0	310	--	--
27...	30.0	500	--	--	26...	30.0	470	--	--
27...	40.0	550	--	--	26...	40.0	600	--	--
27...	50.0	600	--	--	26...	50.0	600	--	--
27...	60.0	600	--	--	26...	60.0	600	--	--
27...	70.0	600	--	--	26...	70.0	600	--	--
27...	80.0	600	--	--	26...	80.0	650	--	--
27...	90.0	600	--	--	26...	90.0	650	--	--
27...	100.0	600	--	--	26...	100.0	650	--	--
JUN					AUG				
04...	--	--	--	3.75	24...	--	--	--	2.87
04...	10.0	200	--	--	24...	10.0	155	--	--
04...	20.0	300	--	--	24...	20.0	310	--	--
04...	30.0	460	--	--	24...	30.0	460	--	--
04...	40.0	550	--	--	24...	40.0	600	--	--
04...	50.0	550	--	--	24...	50.0	600	--	--
04...	60.0	600	--	--	24...	60.0	625	--	--
04...	70.0	600	--	--	24...	70.0	650	--	--
04...	80.0	600	--	--	24...	80.0	650	--	--
04...	90.0	600	--	--	24...	90.0	650	--	--
04...	100.0	600	--	--	SEP				
24...	--	--	--	2.95	28...	--	--	--	3.43
24...	10.0	180	--	--	28...	10.0	140	--	--
24...	20.0	310	--	--	28...	20.0	310	--	--
24...	30.0	475	--	--	28...	30.0	500	--	--
24...	40.0	550	--	--	28...	40.0	600	--	--
24...	50.0	600	--	--	28...	50.0	600	--	--
24...	60.0	600	--	--	28...	60.0	600	--	--
24...	70.0	600	--	--	28...	70.0	600	--	--
24...	80.0	600	--	--	28...	80.0	600	--	--
24...	90.0	600	--	--	28...	90.0	600	--	--
24...	100.0	600	--	--					

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261847080060002. Local Number G 2735. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°18'47", long 80°06'00", in SE1/4SW1/4NW1/4 sec.6, T.48 S., R.42 E., Hydrologic Unit 03090202, located 51 ft east of east side of Southeast 2nd Street and Southeast 3rd Court, east of sidewalk.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 150 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.43 ft below land-surface datum.

REMARKS.--Well also used for conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.11 ft NGVD, Nov. 24, 1992; lowest measured, 1.75 ft NGVD, July 26, 1993.

261847080060002 - G -2735

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
OCTOBER 1992					JANUARY 1993				
DATE	AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					JAN				
28...	--	--	--	2.27	08...	50.0	340	--	--
28...	20.0	321	--	--	08...	60.0	425	--	--
28...	30.0	322	--	--	08...	70.0	550	--	--
28...	40.0	323	--	--	08...	80.0	550	--	--
28...	50.0	323	--	--	08...	90.0	600	--	--
28...	60.0	323	--	--	08...	100.0	600	--	--
28...	70.0	444	--	--	08...	110.0	600	--	--
28...	80.0	480	--	--	08...	120.0	600	--	--
28...	90.0	487	--	--	08...	130.0	600	--	--
28...	100.0	499	--	--	29...	--	--	--	5.21
28...	110.0	498	--	--	29...	10.0	320	--	--
28...	120.0	498	--	--	29...	20.0	340	--	--
28...	130.0	498	--	--	29...	30.0	340	--	--
28...	140.0	498	--	--	29...	40.0	340	--	--
NOV					29...	50.0	340	--	--
24...	--	--	--	6.11	29...	60.0	410	--	--
24...	10.0	323	--	--	29...	70.0	550	--	--
24...	20.0	321	--	--	29...	80.0	550	--	--
24...	30.0	321	--	--	29...	90.0	600	--	--
24...	40.0	322	--	--	29...	100.0	600	--	--
24...	50.0	322	--	--	29...	110.0	600	--	--
24...	60.0	321	--	--	29...	120.0	600	--	--
24...	70.0	460	--	--	29...	130.0	600	--	--
24...	80.0	487	--	--	FEB				
24...	90.0	487	--	--	24...	--	--	--	4.28
24...	100.0	495	--	--	24...	10.0	320	--	--
24...	110.0	497	--	--	24...	20.0	330	--	--
24...	120.0	498	--	--	24...	30.0	340	--	--
24...	130.0	499	--	--	24...	40.0	340	--	--
24...	140.0	499	--	--	24...	50.0	340	--	--
24...	150.0	500	--	--	24...	60.0	380	--	--
JAN					24...	70.0	550	--	--
08...	--	--	--	5.50	24...	80.0	600	--	--
08...	10.0	330	--	--	24...	90.0	600	--	--
08...	20.0	340	--	--	24...	100.0	600	--	--
08...	30.0	340	--	--	24...	110.0	600	--	--
08...	40.0	340	--	--	24...	120.0	600	--	--
					24...	130.0	650	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

99

261847080060002 - G -2735

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
MAR					JUN				
30...	--	--	--	4.35	04...	50.0	340	--	--
30...	10.0	320	--	--	04...	60.0	330	--	--
30...	20.0	320	--	--	04...	70.0	500	--	--
30...	30.0	330	--	--	04...	80.0	600	--	--
30...	40.0	330	--	--	04...	90.0	600	--	--
30...	50.0	330	--	--	04...	100.0	600	--	--
30...	60.0	340	--	--	04...	110.0	600	--	--
30...	70.0	600	--	--	04...	120.0	600	--	--
30...	80.0	600	--	--	04...	130.0	650	--	--
30...	90.0	600	--	--	24...	--	--	--	1.85
30...	100.0	600	--	--	24...	20.0	340	--	--
30...	110.0	600	--	--	24...	30.0	340	--	--
30...	120.0	600	--	--	24...	40.0	340	--	--
30...	130.0	800	--	--	24...	50.0	340	--	--
APR					24...	60.0	340	--	--
27...	--	--	--	3.62	24...	70.0	460	--	--
27...	10.0	320	--	--	24...	80.0	550	--	--
27...	20.0	320	--	--	24...	90.0	600	--	--
27...	30.0	330	--	--	24...	100.0	600	--	--
27...	40.0	330	--	--	24...	110.0	600	--	--
27...	50.0	330	--	--	24...	120.0	600	--	--
27...	60.0	330	--	--	24...	130.0	700	--	--
27...	70.0	550	--	--	JUL				
27...	80.0	600	--	--	26...	--	--	--	1.75
27...	90.0	600	--	--	26...	20.0	325	--	--
27...	100.0	600	--	--	26...	30.0	325	--	--
27...	110.0	600	--	--	26...	40.0	330	--	--
27...	120.0	600	--	--	26...	50.0	330	--	--
27...	130.0	600	--	--	26...	60.0	330	--	--
JUN					26...	70.0	445	--	--
04...	--	--	--	2.83	26...	80.0	600	--	--
04...	10.0	360	--	--	26...	90.0	600	--	--
04...	20.0	350	--	--	26...	100.0	600	--	--
04...	30.0	360	--	--	26...	110.0	650	--	--
04...	40.0	330	--	--	26...	120.0	650	--	--
					26...	130.0	650	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261847080060002 - G -2735

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH					DEPTH				
AT	SPE-	CHLO-			AT	SPE-	CHLO-		
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
AUG					SEP				
24...	--	476	24	2.04	28...	--	--	--	2.71
24...	20.0	320	--	--	28...	10.0	320	--	--
24...	30.0	320	--	--	28...	20.0	340	--	--
24...	40.0	325	--	--	28...	30.0	260	--	--
24...	50.0	325	--	--	28...	40.0	360	--	--
24...	60.0	325	--	--	28...	50.0	410	--	--
24...	70.0	440	--	--	28...	60.0	430	--	--
24...	80.0	480	--	--	28...	70.0	600	--	--
24...	90.0	600	--	--	28...	80.0	600	--	--
24...	100.0	600	--	--	28...	90.0	600	--	--
24...	110.0	625	--	--	28...	100.0	600	--	--
24...	120.0	625	--	--	28...	110.0	600	--	--
24...	130.0	650	--	--	28...	120.0	600	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

101

WELL NUMBER.--261850080065801. Local Number G 2712. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°18'50", long 80°06'58", in SW1/4SE1/4NW1/4 sec.1, T.48 S., R.42 E., Hydrologic Unit 03090202, in median of Southwest Natura Boulevard, approximately 0.6 mi from West Hillsboro Boulevard, across from the southern end of an apartment complex.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 38 ft, cased to 10 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

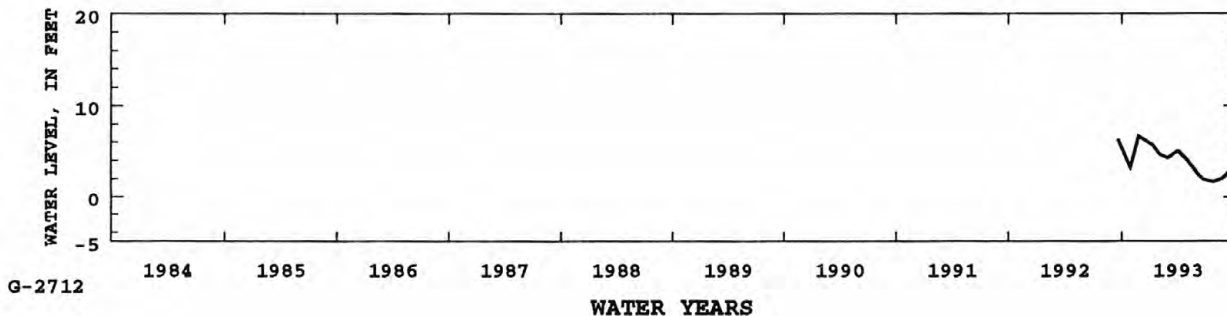
DATUM.--Land-surface datum is 11.26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.45 ft below land-surface datum.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.63 ft NGVD, Nov. 24, 1992; lowest measured, 1.67 ft NGVD, July 23, 1993.

261850080065801 - G -2712

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
28...	1220	--	--	3.23	28...	1015	--	--	4.06
NOV					JUN				
24...	1319	--	--	6.63	04...	1100	--	--	2.44
JAN					22...	0930	--	--	1.91
08...	1250	--	--	5.65	JUL				
29...	1000	--	--	4.72	23...	0930	--	--	1.67
FEB					AUG				
25...	1200	--	--	4.31	23...	1030	529	18	2.04
MAR					SEP				
30...	1200	--	--	5.07	27...	1320	--	--	3.28



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261903080063001. Local Number G 2737. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°19'03", long 80°06'30", in SE1/4NW1/4NE1/4 sec.1, T.48 S., R.42 E., Hydrologic Unit 03090202, located in the grassy swale on west side of Southwest 2nd Terrace, approximately 2 ft south of Southwest 2nd Terrace driveway to BRT Cancer Center.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 150 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.43 ft below land-surface datum.

REMARKS.--Well also used for salinity monitoring and conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.20 ft NGVD, Nov. 24, 1992; lowest measured, 0.64 ft NGVD, June 23, 1993.

261903080063001 - G -2737

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)		DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
NOV					JAN				
02...	--	--	--	1.40	08...	--	1050	190	4.50
02...	20.0	437	--	--	08...	20.0	465	--	--
02...	30.0	438	--	--	08...	30.0	490	--	--
02...	40.0	441	--	--	08...	40.0	495	--	--
02...	50.0	467	--	--	08...	50.0	600	--	--
02...	60.0	503	--	--	08...	60.0	650	--	--
02...	70.0	597	--	--	08...	70.0	800	--	--
02...	80.0	703	--	--	08...	80.0	900	--	--
02...	90.0	779	--	--	08...	90.0	950	--	--
02...	100.0	1010	--	--	08...	100.0	900	--	--
02...	110.0	1570	--	--	08...	110.0	1100	--	--
02...	120.0	1570	--	--	08...	120.0	1100	--	--
02...	130.0	1570	--	--	08...	130.0	1100	--	--
02...	140.0	1580	--	--	08...	140.0	1100	--	--
02...	150.0	1620	--	--	08...	150.0	1450	--	--
24...	--	--	--	5.20	28...	--	--	--	4.09
24...	10.0	3	--	--	28...	20.0	440	--	--
24...	20.0	412	--	--	28...	30.0	450	--	--
24...	30.0	442	--	--	28...	40.0	475	--	--
24...	40.0	445	--	--	28...	50.0	500	--	--
24...	50.0	474	--	--	28...	60.0	600	--	--
24...	60.0	520	--	--	28...	70.0	700	--	--
24...	70.0	615	--	--	28...	80.0	800	--	--
24...	80.0	799	--	--	28...	90.0	900	--	--
24...	90.0	799	--	--	28...	100.0	1350	--	--
24...	100.0	948	--	--	28...	110.0	1400	--	--
24...	110.0	1160	--	--	28...	120.0	1500	--	--
24...	120.0	1290	--	--	28...	130.0	1500	--	--
24...	130.0	1230	--	--	28...	140.0	1500	--	--
24...	140.0	1130	--	--					
24...	150.0	1180	--	--					

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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261903080063001 - G -2737

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
MAR					APR				
09...	--	--	--	3.06	27...	80.0	800	--	--
09...	20.0	410	--	--	27...	90.0	900	--	--
09...	30.0	410	--	--	27...	100.0	1200	--	--
09...	40.0	460	--	--	27...	110.0	1200	--	--
09...	50.0	500	--	--	27...	120.0	1200	--	--
09...	60.0	500	--	--	27...	130.0	1200	--	--
09...	70.0	700	--	--	27...	140.0	1200	--	--
09...	80.0	800	--	--	JUN				
09...	90.0	900	--	--	03...	--	--	--	2.11
09...	100.0	1000	--	--	03...	20.0	440	--	--
09...	110.0	900	--	--	03...	30.0	470	--	--
09...	120.0	1000	--	--	03...	40.0	550	--	--
09...	130.0	950	--	--	03...	50.0	600	--	--
09...	140.0	900	--	--	03...	60.0	600	--	--
29...	--	1380	290	3.25	03...	70.0	600	--	--
29...	20.0	420	--	--	03...	80.0	700	--	--
29...	30.0	420	--	--	03...	90.0	900	--	--
29...	40.0	500	--	--	03...	100.0	900	--	--
29...	50.0	500	--	--	03...	110.0	1000	--	--
29...	60.0	600	--	--	03...	120.0	1000	--	--
29...	70.0	700	--	--	03...	130.0	1000	--	--
29...	80.0	800	--	--	03...	140.0	1300	--	--
29...	90.0	900	--	--	23...	--	1370	340	0.64
29...	100.0	1500	--	--	23...	20.0	420	--	--
29...	110.0	1500	--	--	23...	30.0	420	--	--
29...	120.0	1500	--	--	23...	40.0	430	--	--
29...	130.0	1500	--	--	23...	50.0	450	--	--
29...	140.0	1500	--	--	23...	60.0	480	--	--
APR					23...	70.0	600	--	--
27...	--	--	--	2.93	23...	80.0	700	--	--
27...	20.0	420	--	--	23...	90.0	800	--	--
27...	30.0	420	--	--	23...	100.0	1600	--	--
27...	40.0	450	--	--	23...	110.0	1600	--	--
27...	50.0	550	--	--	23...	120.0	1600	--	--
27...	60.0	600	--	--	23...	130.0	1600	--	--
27...	70.0	700	--	--	23...	140.0	1500	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261903080063001 - G -2737

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993					WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993				
DATE	DEPTH AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
JUL					AUG				
26...	--	--	--	1.09	23...	70.0	650	--	--
26...	20.0	440	--	--	23...	80.0	750	--	--
26...	30.0	440	--	--	23...	90.0	900	--	--
26...	40.0	440	--	--	23...	100.0	1250	--	--
26...	50.0	460	--	--	23...	110.0	1350	--	--
26...	60.0	490	--	--	23...	120.0	1380	--	--
26...	70.0	650	--	--	23...	130.0	1400	--	--
26...	80.0	750	--	--	23...	140.0	1550	--	--
26...	90.0	900	--	--	SEP				
26...	100.0	1600	--	--	27...	--	--	--	2.13
26...	110.0	1600	--	--	27...	20.0	420	--	--
26...	120.0	1650	--	--	27...	30.0	500	--	--
26...	130.0	1650	--	--	27...	40.0	600	--	--
26...	140.0	1500	--	--	27...	50.0	600	--	--
AUG					27...	60.0	600	--	--
23...	--	1230	270	1.44	27...	70.0	700	--	--
23...	20.0	435	--	--	27...	80.0	800	--	--
23...	30.0	430	--	--	27...	90.0	1500	--	--
23...	40.0	440	--	--	27...	100.0	1500	--	--
23...	50.0	460	--	--	27...	110.0	1600	--	--
23...	60.0	485	--	--	27...	120.0	1400	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

105

BROWARD COUNTY

WELL NUMBER.--261903080065601. Local Number G 1260. USGS Observation Well at Deerfield Beach, FL.

LOCATION.--Lat 26°19'03", long 80°06'56", in NE1/4NW1/4 sec.1, T.48 S., R.42 E., Hydrologic Unit 03090202, on southeast side of State Road 810 and Interstate 95 at Deerfield Beach, and 0.9 mi west of Florida East Coast Railroad.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 90 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 9.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

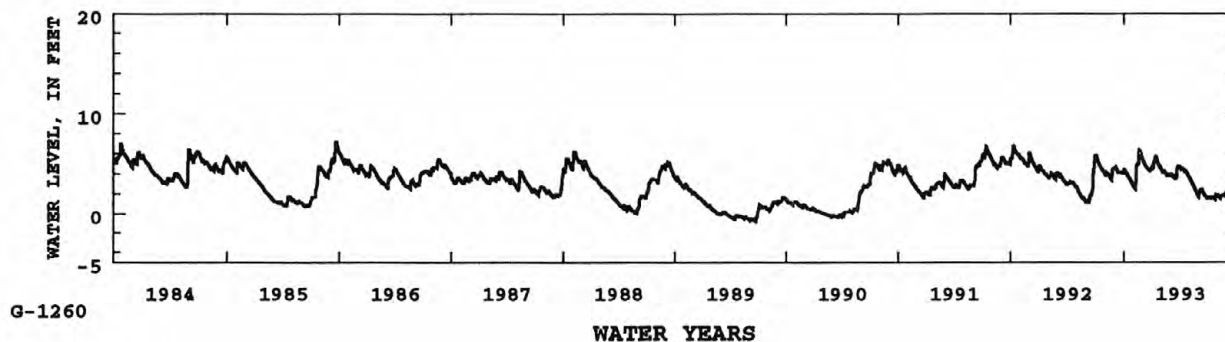
PERIOD OF RECORD.--January 1961 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.02 ft NGVD, Oct. 31, 1965; lowest 0.71 ft below NGVD, June 20, 23, 1989.

STATION NUMBER 261903080065601 G -1260
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.27	2.55	5.07	5.02	4.20	3.80	4.51	3.27	2.37	1.61	1.66	2.89
10	3.95	4.56	4.74	5.63	4.06	3.64	4.44	2.96	2.33	1.66	1.74	3.04
15	3.70	4.94	4.55	5.40	3.87	3.49	4.08	2.66	1.96	1.66	1.75	3.23
20	3.45	6.27	4.36	4.92	3.75	3.72	4.13	2.34	1.77	1.51	1.87	3.27
25	3.20	6.03	4.31	4.63	3.92	4.69	3.82	1.95	1.58	1.76	1.99	2.88
EOM	2.78	5.40	4.35	4.28	3.93	4.66	3.57	1.99	1.68	1.84	2.51	3.22
MEAN	3.63	4.69	4.62	4.97	3.98	4.02	4.18	2.57	1.96	1.65	1.87	3.04
MAX	4.34	6.27	5.37	5.70	4.27	4.72	4.68	3.48	2.45	1.84	2.51	3.28
MIN	2.78	2.48	4.12	4.28	3.74	3.48	3.57	1.67	1.50	1.44	1.57	2.56

WTR YR 1993 MEAN 3.43 MAX 6.27 MIN 1.44



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261909080071301. Local Number G 2719. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°19'06", long 80°07'13", in NW1/4NW1/4NW1/4 sec.1, T.48 S., R.42 E., Hydrologic Unit 03090202, 9 ft east of Northwest 12th Avenue, 189 ft north of West Hillsboro Boulevard.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 175 ft, cased to 55 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

REMARKS.--Well also used for conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.51 ft NGVD, Nov. 19, 1992; lowest measured, 2.34 ft NGVD, Aug. 23, 1993.

261909080071301 - G -2719

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH					DEPTH				
	AT	SPE-	CHLO-			AT	SPE-	CHLO-	
	SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-
	LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION
	ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
OCT					JAN				
27...	--	--	--	3.82	06...	60.0	315	--	--
27...	10.0	257	--	--	06...	70.0	310	--	--
27...	20.0	255	--	--	06...	80.0	310	--	--
27...	30.0	247	--	--	06...	90.0	310	--	--
27...	40.0	239	--	--	06...	100.0	800	--	--
27...	50.0	238	--	--	06...	110.0	800	--	--
27...	60.0	236	--	--	06...	120.0	800	--	--
27...	70.0	232	--	--	06...	130.0	800	--	--
27...	80.0	234	--	--	06...	140.0	800	--	--
27...	90.0	231	--	--	06...	150.0	800	--	--
27...	100.0	325	--	--	28...	--	--	--	4.97
27...	110.0	633	--	--	28...	10.0	220	--	--
27...	120.0	631	--	--	28...	20.0	245	--	--
27...	130.0	632	--	--	28...	30.0	245	--	--
27...	140.0	630	--	--	28...	40.0	245	--	--
27...	150.0	632	--	--	28...	50.0	245	--	--
NOV					28...	60.0	340	--	--
19...	--	--	--	6.51	28...	70.0	340	--	--
19...	10.0	241	--	--	28...	80.0	340	--	--
19...	20.0	242	--	--	28...	90.0	340	--	--
19...	30.0	249	--	--	28...	100.0	750	--	--
19...	40.0	249	--	--	28...	110.0	750	--	--
19...	50.0	248	--	--	28...	120.0	800	--	--
19...	60.0	249	--	--	28...	130.0	800	--	--
19...	70.0	251	--	--	28...	140.0	800	--	--
19...	80.0	251	--	--	FEB				
19...	90.0	253	--	--	24...	--	--	--	2.35
19...	100.0	253	--	--	24...	10.0	600	--	--
19...	110.0	606	--	--	24...	20.0	600	--	--
19...	120.0	601	--	--	24...	30.0	600	--	--
19...	130.0	595	--	--	24...	40.0	600	--	--
19...	140.0	602	--	--	24...	50.0	600	--	--
19...	150.0	630	--	--	24...	60.0	600	--	--
JAN					24...	70.0	600	--	--
06...	--	--	--	5.28	24...	80.0	600	--	--
06...	10.0	260	--	--	24...	90.0	600	--	--
06...	20.0	270	--	--	24...	100.0	700	--	--
06...	30.0	275	--	--	24...	110.0	700	--	--
06...	40.0	275	--	--	24...	120.0	700	--	--
06...	50.0	275	--	--	24...	130.0	700	--	--
					24...	140.0	850	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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261909080071301 - G -2719

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH					DEPTH				
AT	SPE-	CHLO-			AT	SPE-	CHLO-		
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
MAR					JUN				
29...	--	--	--	5.06	03...	40.0	340	--	--
29...	10.0	260	--	--	03...	50.0	600	--	--
29...	20.0	260	--	--	03...	60.0	650	--	--
29...	30.0	270	--	--	03...	70.0	600	--	--
29...	40.0	270	--	--	03...	80.0	700	--	--
29...	50.0	280	--	--	03...	90.0	900	--	--
29...	60.0	300	--	--	03...	100.0	900	--	--
29...	70.0	380	--	--	03...	110.0	900	--	--
29...	80.0	380	--	--	03...	120.0	900	--	--
29...	90.0	380	--	--	23...	--	--	--	2.39
29...	100.0	700	--	--	23...	10.0	370	--	--
29...	110.0	700	--	--	23...	20.0	300	--	--
29...	120.0	700	--	--	23...	30.0	300	--	--
29...	130.0	700	--	--	23...	40.0	370	--	--
29...	140.0	700	--	--	23...	50.0	415	--	--
APR					23...	60.0	470	--	--
27...	--	--	--	4.09	23...	70.0	650	--	--
27...	10.0	260	--	--	23...	80.0	750	--	--
27...	20.0	260	--	--	23...	90.0	750	--	--
27...	30.0	270	--	--	23...	100.0	1200	--	--
27...	40.0	275	--	--	23...	110.0	1100	--	--
27...	50.0	275	--	--	23...	120.0	1100	--	--
27...	60.0	330	--	--	23...	130.0	1100	--	--
27...	70.0	350	--	--	23...	140.0	1200	--	--
27...	80.0	380	--	--	JUL				
27...	90.0	370	--	--	26...	--	--	--	3.78
27...	100.0	700	--	--	26...	10.0	260	--	--
27...	110.0	700	--	--	26...	20.0	345	--	--
27...	120.0	700	--	--	26...	30.0	350	--	--
27...	130.0	800	--	--	26...	40.0	390	--	--
27...	140.0	800	--	--	26...	50.0	410	--	--
MAY					26...	60.0	375	--	--
27...	10.0	320	--	--	26...	70.0	400	--	--
27...	20.0	320	--	--	26...	80.0	410	--	--
27...	30.0	650	--	--	26...	90.0	410	--	--
JUN					26...	100.0	975	--	--
03...	--	--	--	2.65	26...	110.0	875	--	--
03...	10.0	320	--	--	26...	120.0	875	--	--
03...	20.0	320	--	--	26...	130.0	875	--	--
03...	30.0	320	--	--	26...	140.0	900	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

261909080071301 - G -2719

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH					DEPTH				
AT	SPE-	CHLO-			AT	SPE-	CHLO-		
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	
AUG					SEP				
23...	--	480	34	2.34	27...	--	--	--	
23...	10.0	270	--	--	27...	10.0	320	--	
23...	20.0	270	--	--	27...	20.0	270	--	
23...	30.0	285	--	--	27...	30.0	300	--	
23...	40.0	290	--	--	27...	40.0	310	--	
23...	50.0	290	--	--	27...	50.0	310	--	
23...	60.0	290	--	--	27...	60.0	310	--	
23...	70.0	295	--	--	27...	70.0	310	--	
23...	80.0	300	--	--	27...	80.0	310	--	
23...	90.0	300	--	--	27...	90.0	700	--	
23...	100.0	700	--	--	27...	100.0	700	--	
23...	110.0	700	--	--	27...	110.0	700	--	
23...	120.0	700	--	--	27...	120.0	750	--	
23...	130.0	700	--	--					
23...	140.0	750	--	--					

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

109

BROWARD COUNTY

WELL NUMBER.--261910080061801. Local Number G 2725. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°19'08", long 80°06'07", in NW1/4NW1/4NW1/4 sec.6, T.48 S., R.43 E., Hydrologic Unit 03090202, at the southwest corner of Northwest 1st Avenue and Northwest 1st Street, 6 ft west of Northwest 1st Avenue, 71 ft south of Northwest 1st Street (50 ft south of G 2706).

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 170 ft, cased to 60 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.85 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.35 ft below land-surface datum.

REMARKS.--Well also used for salinity monitoring and conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.02 ft NGVD, Jan. 6, 1993; lowest measured, 1.16 ft NGVD, June 23, 1993.

261910080061801 - G -2725

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	AT	SPE-	CHLO-	ELEV-	DATE	AT	SPE-	CHLO-	ELEV-
	SAMPLE	CIFIC	RIDE,			SAMPLE	CIFIC	RIDE,	
	LOC-	CON-	DIS-			LOC-	CON-	DIS-	
	ATION,	DUCT-	SOLVED			ATION,	DUCT-	SOLVED	
	TOTAL	ANCE	(MG/L			TOTAL	ANCE	(MG/L	
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
OCT					JAN				
27...	20.0	154	--	1.79	28...	90.0	600	--	--
27...	30.0	160	--	--	28...	100.0	600	--	--
27...	40.0	183	--	--	28...	110.0	600	--	--
27...	50.0	349	--	--	28...	120.0	600	--	--
27...	60.0	459	--	--	28...	130.0	600	--	--
27...	70.0	470	--	--	28...	140.0	650	--	--
27...	80.0	483	--	--	28...	150.0	1000	--	--
27...	90.0	486	--	--	FEB				
27...	100.0	493	--	--	24...	--	--	--	3.42
27...	110.0	501	--	--	24...	20.0	110	--	--
27...	120.0	502	--	--	24...	30.0	130	--	--
27...	130.0	502	--	--	24...	40.0	210	--	--
27...	140.0	508	--	--	24...	50.0	600	--	--
27...	150.0	510	--	--	24...	60.0	600	--	--
JAN					24...	70.0	600	--	--
06...	--	1200	260	4.02	24...	80.0	600	--	--
06...	20.0	100	--	--	24...	90.0	600	--	--
06...	30.0	120	--	--	24...	100.0	600	--	--
06...	40.0	170	--	--	24...	110.0	600	--	--
06...	50.0	750	--	--	24...	120.0	650	--	--
06...	60.0	750	--	--	24...	130.0	650	--	--
06...	70.0	720	--	--	24...	140.0	650	--	--
06...	80.0	720	--	--	24...	150.0	700	--	--
06...	90.0	720	--	--	MAR				
06...	100.0	750	--	--	30...	--	420	62	3.61
06...	110.0	750	--	--	30...	20.0	270	--	--
06...	120.0	780	--	--	30...	30.0	270	--	--
06...	130.0	780	--	--	30...	40.0	320	--	--
06...	140.0	800	--	--	30...	50.0	800	--	--
06...	150.0	800	--	--	30...	60.0	800	--	--
28...	--	--	--	3.90	30...	70.0	800	--	--
28...	20.0	120	--	--	30...	80.0	800	--	--
28...	30.0	160	--	--	30...	90.0	800	--	--
28...	40.0	200	--	--	30...	100.0	800	--	--
28...	50.0	600	--	--	30...	110.0	800	--	--
28...	60.0	600	--	--	30...	120.0	800	--	--
28...	70.0	600	--	--	30...	130.0	1000	--	--
28...	80.0	600	--	--	30...	140.0	900	--	--
					30...	150.0	1500	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261910080061801 - G -2725

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH	AT	SPE-	CHLO-	ELEV-	DEPTH	AT	SPE-	CHLO-	ELEV-
SAMPLE	CIFIC	RIDE,	DIS-	ATION	SAMPLE	CIFIC	RIDE,	DIS-	ATION
LOC-	CON-	SOLVED	ABOVE	LOCATION	LOC-	CON-	SOLVED	ABOVE	LOCATION
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)	
APR					JUN				
27...	--	--	--	2.85	23...	70.0	600	--	--
27...	20.0	200	--	--	23...	80.0	600	--	--
27...	30.0	210	--	--	23...	90.0	600	--	--
27...	40.0	240	--	--	23...	100.0	650	--	--
27...	50.0	700	--	--	23...	110.0	650	--	--
27...	60.0	600	--	--	23...	120.0	650	--	--
27...	70.0	600	--	--	23...	130.0	650	--	--
27...	80.0	600	--	--	23...	140.0	700	--	--
27...	90.0	600	--	--	23...	150.0	700	--	--
27...	100.0	650	--	--	JUL				
27...	110.0	600	--	--	26...	20.0	100	--	--
27...	120.0	650	--	--	26...	30.0	120	--	--
27...	130.0	650	--	--	26...	40.0	260	--	--
27...	140.0	700	--	--	26...	50.0	700	--	--
27...	150.0	700	--	--	26...	60.0	600	--	--
JUN					26...	70.0	600	--	--
03...	--	--	--	2.23	26...	80.0	600	--	--
03...	20.0	200	--	--	26...	90.0	600	--	--
03...	30.0	200	--	--	26...	100.0	625	--	--
03...	40.0	280	--	--	26...	110.0	650	--	--
03...	50.0	600	--	--	26...	120.0	700	--	--
03...	60.0	500	--	--	26...	130.0	700	--	--
03...	70.0	500	--	--	26...	140.0	700	--	--
03...	80.0	600	--	--	AUG				
03...	90.0	600	--	--	24...	20.0	115	--	--
03...	100.0	600	--	--	24...	30.0	110	--	--
03...	110.0	600	--	--	24...	40.0	110	--	--
03...	120.0	600	--	--	24...	50.0	600	--	--
03...	130.0	600	--	--	24...	60.0	600	--	--
03...	140.0	700	--	--	24...	70.0	600	--	--
03...	150.0	2200	--	--	24...	80.0	625	--	--
23...	--	1040	230	1.16	24...	90.0	650	--	--
23...	20.0	200	--	--	24...	100.0	650	--	--
23...	30.0	210	--	--	24...	110.0	700	--	--
23...	40.0	230	--	--	24...	120.0	525	--	--
23...	50.0	700	--	--	24...	130.0	600	--	--
23...	60.0	600	--	--	24...	140.0	700	--	--
					24...	150.0	1480	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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261910080061801 - G -2725

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993					WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993				
DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
SEP					SEP				
13...	--	759	160	1.70	27...	80.0	600	--	--
27...	--	--	--	2.29	27...	90.0	600	--	--
27...	20.0	180	--	--	27...	100.0	650	--	--
27...	30.0	180	--	--	27...	110.0	700	--	--
27...	40.0	240	--	--	27...	120.0	700	--	--
27...	50.0	700	--	--	27...	130.0	700	--	--
27...	60.0	600	--	--	27...	140.0	700	--	--
27...	70.0	600	--	--	27...	150.0	2700	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261913080055402. Local Number G 2733. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°19'13", long 80°05'54", in SW1/4SE1/4SW1/4 sec.31, T.47 S., R.43 E., Hydrologic Unit 03090202, at the southwest corner of Northeast 2nd Street and Northeast 4th Avenue, 8 ft south of Northeast 2nd Street and 26 ft west of Northeast 4th Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 150 ft, cased to 100 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.06 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

REMARKS.--Well also used for salinity monitoring and conductivity profiles.

PERIOD OF RECORD.--November 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.44 ft NGVD, Nov. 24, 1992; lowest measured, 2.01 ft NGVD, June 24, 1993.

261913080055402 - G -2733

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
AT	SPE-	CHLO-		AT	SPE-	CHLO-			
SAMPLE	CIFIC	RIDE,	ELEV-	SAMPLE	CIFIC	RIDE,	ELEV-		
LOC-	CON-	DIS-	ATION	LOC-	CON-	DIS-	ATION		
ATION,	DUCT-	SOLVED	ABOVE	ATION,	DUCT-	SOLVED	ABOVE		
DATE	TOTAL	ANCE	(MG/L	DATE	TOTAL	ANCE	(MG/L		
(FEET)	(US/CM)	AS CL)	(FEET)	(FEET)	(US/CM)	AS CL)	(FEET)		
NOV									
02...	10.0	293	--	06...	40.0	290	--	--	
02...	20.0	278	--	06...	50.0	300	--	--	
02...	30.0	269	--	06...	60.0	300	--	--	
02...	40.0	266	--	06...	70.0	490	--	--	
02...	50.0	265	--	06...	80.0	600	--	--	
02...	60.0	265	--	06...	90.0	600	--	--	
02...	70.0	265	--	06...	100.0	650	--	--	
02...	80.0	265	--	06...	110.0	650	--	--	
02...	90.0	263	--						
02...	100.0	512	--	FEB					
02...	110.0	537	--	04...	--	--	--	3.61	
02...	120.0	539	--	04...	10.0	220	--	--	
02...	130.0	540	--	04...	20.0	240	--	--	
02...	140.0	540	--	04...	30.0	240	--	--	
02...	150.0	541	--	04...	40.0	250	--	--	
24...	--	--	--	04...	50.0	280	--	--	
24...	10.0	192	--	04...	60.0	280	--	--	
24...	20.0	193	--	04...	70.0	280	--	--	
24...	30.0	274	--	04...	80.0	300	--	--	
24...	40.0	276	--	04...	90.0	600	--	--	
24...	50.0	276	--	04...	100.0	600	--	--	
24...	60.0	277	--	04...	110.0	600	--	--	
24...	70.0	278	--	04...	120.0	600	--	--	
24...	80.0	278	--	04...	130.0	650	--	--	
24...	90.0	279	--	25...	--	--	--	3.22	
24...	100.0	534	--	25...	10.0	250	--	--	
24...	110.0	532	--	25...	20.0	250	--	--	
24...	120.0	531	--	25...	30.0	240	--	--	
24...	130.0	532	--	25...	40.0	250	--	--	
24...	140.0	531	--	25...	50.0	285	--	--	
24...	150.0	560	--	25...	60.0	290	--	--	
				25...	70.0	290	--	--	
JAN									
06...	--	525	16	25...	80.0	290	--	--	
06...	10.0	230	--	25...	90.0	600	--	--	
06...	20.0	240	--	25...	100.0	600	--	--	
06...	30.0	290	--	25...	110.0	600	--	--	
				25...	120.0	600	--	--	
				25...	130.0	600	--	--	

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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261911080055402 - G -2733

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DEPTH					DEPTH				
AT	SPE-	CHLO-			AT	SPE-	CHLO-		
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)	
MAR					JUN				
31...	--	553	34	3.50	03...	60.0	280	--	--
31...	10.0	280	--	--	03...	70.0	290	--	--
31...	20.0	300	--	--	03...	80.0	290	--	--
31...	30.0	290	--	--	03...	90.0	650	--	--
31...	40.0	280	--	--	03...	100.0	650	--	--
31...	50.0	270	--	--	03...	110.0	700	--	--
31...	60.0	270	--	--	03...	120.0	700	--	--
31...	70.0	270	--	--	03...	130.0	700	--	--
31...	80.0	280	--	--	24...	--	438	30	2.01
31...	90.0	600	--	--	24...	10.0	300	--	--
31...	100.0	650	--	--	24...	20.0	280	--	--
31...	110.0	650	--	--	24...	30.0	300	--	--
31...	120.0	700	--	--	24...	40.0	290	--	--
31...	130.0	700	--	--	24...	50.0	290	--	--
APR					24...	60.0	290	--	--
27...	--	--	--	2.69	24...	70.0	290	--	--
27...	10.0	260	--	--	24...	80.0	290	--	--
27...	20.0	260	--	--	24...	90.0	460	--	--
27...	30.0	270	--	--	24...	100.0	650	--	--
27...	40.0	270	--	--	24...	110.0	650	--	--
27...	50.0	270	--	--	24...	120.0	700	--	--
27...	60.0	280	--	--	24...	130.0	700	--	--
27...	70.0	280	--	--	JUL				
27...	80.0	290	--	--	26...	--	--	--	2.23
27...	90.0	600	--	--	26...	10.0	220	--	--
27...	100.0	650	--	--	26...	20.0	290	--	--
27...	110.0	650	--	--	26...	30.0	290	--	--
27...	120.0	650	--	--	26...	40.0	290	--	--
27...	130.0	650	--	--	26...	50.0	300	--	--
JUN					26...	60.0	300	--	--
03...	--	--	--	2.72	26...	70.0	300	--	--
03...	10.0	240	--	--	26...	80.0	300	--	--
03...	20.0	280	--	--	26...	90.0	600	--	--
03...	30.0	280	--	--	26...	100.0	600	--	--
03...	40.0	280	--	--	26...	110.0	600	--	--
03...	50.0	290	--	--	26...	120.0	600	--	--
					26...	130.0	600	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261911080055402 - G -2733

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993					WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993				
DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
AUG					SEP				
24...	--	353	30	2.24	13...	--	514	34	--
24...	10.0	300	--	--	27...	--	--	--	2.76
24...	20.0	285	--	--	27...	10.0	250	--	--
24...	30.0	290	--	--	27...	20.0	260	--	--
24...	40.0	290	--	--	27...	30.0	300	--	--
24...	50.0	295	--	--	27...	40.0	310	--	--
24...	60.0	300	--	--	27...	50.0	310	--	--
24...	70.0	300	--	--	27...	60.0	310	--	--
24...	80.0	300	--	--	27...	70.0	310	--	--
24...	90.0	650	--	--	27...	80.0	320	--	--
24...	100.0	650	--	--	27...	90.0	600	--	--
24...	110.0	650	--	--	27...	100.0	700	--	--
24...	120.0	650	--	--	27...	110.0	700	--	--
24...	130.0	650	--	--	27...	120.0	700	--	--
					27...	130.0	700	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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WELL NUMBER.--261919080060801. Local Number G 2731. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°19'14", long 80°06'05", in SE1/4SE1/4SW1/4 sec.31, T.47 S., R.43 E., Hydrologic Unit 03090202, 4 ft west of Northeast 1st Avenue, 271 ft north of Northwest 2nd Street, in center of driveway to parking area for tractor trailers.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.38 in., depth 170 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.35 ft below land-surface datum.

REMARKS.--Well also used for salinity monitoring and conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.78 ft NGVD, Jan. 8, 1993; lowest measured, 1.51 ft NGVD, June 23, 1993.

261919080060801 - G -2731

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	AT	SPE-	CHLO-	ELEV-	DATE	AT	SPE-	CHLO-	ELEV-
	SAMPLE	CIFIC	RIDE,			SAMPLE	CIFIC	RIDE,	
TOTAL	LOC-	CON-	DIS-	ATION	TOTAL	LOC-	CON-	DIS-	ATION
	ATION,	DUCT-	SOLVED			ATION,	DUCT-	SOLVED	
(FEET)	ANCE	(MG/L	AS CL)	(FEET)	(FEET)	ANCE	(MG/L	AS CL)	(FEET)
OCT					JAN				
28...	--	--	--	2.07	28...	70.0	300	--	--
28...	10.0	234	--	--	28...	80.0	300	--	--
28...	20.0	243	--	--	28...	90.0	300	--	--
28...	30.0	290	--	--	28...	100.0	300	--	--
28...	40.0	284	--	--	28...	110.0	300	--	--
28...	50.0	279	--	--	28...	120.0	300	--	--
28...	60.0	279	--	--	28...	130.0	340	--	--
28...	70.0	301	--	--	FEB				
28...	80.0	311	--	--	24...	--	--	--	2.94
28...	90.0	305	--	--	24...	10.0	260	--	--
28...	100.0	304	--	--	24...	20.0	280	--	--
28...	110.0	304	--	--	24...	30.0	290	--	--
28...	120.0	304	--	--	24...	40.0	290	--	--
28...	130.0	302	--	--	24...	50.0	290	--	--
28...	140.0	312	--	--	24...	60.0	290	--	--
JAN					24...	70.0	290	--	--
08...	--	--	--	3.78	24...	80.0	290	--	--
08...	10.0	245	--	--	24...	90.0	290	--	--
08...	20.0	265	--	--	24...	100.0	300	--	--
08...	30.0	315	--	--	24...	110.0	300	--	--
08...	40.0	300	--	--	24...	120.0	300	--	--
08...	50.0	300	--	--	24...	130.0	410	--	--
08...	60.0	295	--	--	MAR				
08...	70.0	300	--	--	29...	--	294	10	3.36
08...	80.0	300	--	--	29...	10.0	210	--	--
08...	90.0	300	--	--	29...	20.0	240	--	--
08...	100.0	300	--	--	29...	30.0	310	--	--
08...	110.0	300	--	--	29...	40.0	300	--	--
08...	120.0	300	--	--	29...	50.0	300	--	--
08...	130.0	345	--	--	29...	60.0	300	--	--
28...	--	265	10	3.60	29...	70.0	300	--	--
28...	10.0	230	--	--	29...	80.0	300	--	--
28...	20.0	255	--	--	29...	90.0	300	--	--
28...	30.0	300	--	--	29...	100.0	300	--	--
28...	40.0	300	--	--	29...	110.0	300	--	--
28...	50.0	300	--	--	29...	120.0	310	--	--
28...	60.0	300	--	--	29...	130.0	330	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261919080060801 - G -2731

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH					DEPTH				
AT	SPE-	CHLO-			AT	SPE-	CHLO-		
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
APR					JUL				
27...	--	--	--	2.42	26...	--	--	--	1.60
27...	10.0	180	--	--	26...	10.0	185	--	--
27...	20.0	265	--	--	26...	20.0	245	--	--
27...	30.0	300	--	--	26...	30.0	310	--	--
27...	40.0	300	--	--	26...	40.0	310	--	--
27...	50.0	290	--	--	26...	50.0	300	--	--
27...	60.0	290	--	--	26...	60.0	300	--	--
27...	70.0	300	--	--	26...	70.0	310	--	--
27...	80.0	300	--	--	26...	80.0	310	--	--
27...	90.0	300	--	--	26...	90.0	310	--	--
27...	100.0	300	--	--	AUG				
27...	110.0	300	--	--	24...	--	280	10	1.83
27...	120.0	300	--	--	24...	10.0	205	--	--
27...	130.0	430	--	--	24...	20.0	250	--	--
JUN					24...	30.0	310	--	--
03...	--	--	--	2.28	24...	40.0	310	--	--
03...	10.0	180	--	--	24...	50.0	295	--	--
03...	20.0	230	--	--	24...	60.0	295	--	--
03...	30.0	310	--	--	24...	70.0	300	--	--
03...	40.0	300	--	--	24...	80.0	300	--	--
03...	50.0	300	--	--	24...	90.0	300	--	--
03...	60.0	300	--	--	24...	100.0	305	--	--
03...	70.0	300	--	--	24...	110.0	305	--	--
03...	80.0	300	--	--	24...	120.0	310	--	--
03...	90.0	300	--	--	24...	130.0	250	--	--
03...	100.0	300	--	--	SEP				
03...	110.0	300	--	--	27...	--	--	--	2.30
03...	120.0	300	--	--	27...	10.0	220	--	--
03...	130.0	320	--	--	27...	20.0	240	--	--
23...	--	270	10	1.51	27...	30.0	310	--	--
23...	10.0	170	--	--	27...	40.0	310	--	--
23...	20.0	240	--	--	27...	50.0	300	--	--
23...	30.0	310	--	--	27...	60.0	300	--	--
23...	40.0	310	--	--	27...	70.0	300	--	--
23...	50.0	300	--	--	27...	80.0	300	--	--
23...	60.0	300	--	--	27...	90.0	300	--	--
23...	70.0	310	--	--	27...	100.0	300	--	--
23...	80.0	310	--	--	27...	110.0	300	--	--
23...	90.0	310	--	--	27...	120.0	300	--	--
23...	100.0	310	--	--					
23...	110.0	320	--	--					
23...	120.0	320	--	--					

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

117

WELL NUMBER.--261916080064501. Local Number G 2728. USGS Observation Well at Deerfield Beach, FL.

LOCATION.--Lat 26°19'18", long 80°06'51", in NW1/4NW1/4NE1/4 sec.1, T.48 S., R.42 E., Hydrologic Unit 03090202, 3 ft west of Northwest 2nd Court.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 176 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.41 ft below land-surface datum.

REMARKS.--Well also used for salinity monitoring and conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.51 ft NGVD, Nov. 19, 1992; lowest measured, 1.10 ft NGVD, July 26, 1993.

261916080064501 - G -2728

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					JAN				
27...	--	--	--	1.92	08...	--	--	--	4.42
27...	10.0	59	--	--	08...	10.0	110	--	--
27...	20.0	206	--	--	08...	20.0	400	--	--
27...	30.0	477	--	--	08...	30.0	600	--	--
27...	40.0	690	--	--	08...	40.0	900	--	--
27...	50.0	866	--	--	08...	50.0	1000	--	--
27...	60.0	834	--	--	08...	60.0	1000	--	--
27...	70.0	832	--	--	08...	70.0	1000	--	--
27...	80.0	895	--	--	08...	80.0	1050	--	--
27...	90.0	892	--	--	08...	90.0	1050	--	--
27...	100.0	913	--	--	08...	100.0	1050	--	--
27...	110.0	939	--	--	08...	110.0	1100	--	--
27...	120.0	888	--	--	08...	120.0	1100	--	--
27...	130.0	949	--	--	08...	130.0	1100	--	--
27...	140.0	936	--	--	08...	140.0	1100	--	--
27...	150.0	929	--	--	08...	150.0	1100	--	--
NOV					FEB				
19...	--	--	--	5.51	28...	--	--	--	3.99
19...	10.0	53	--	--	28...	10.0	165	--	--
19...	20.0	313	--	--	28...	20.0	380	--	--
19...	30.0	507	--	--	28...	30.0	500	--	--
19...	40.0	912	--	--	28...	40.0	900	--	--
19...	50.0	977	--	--	28...	50.0	1000	--	--
19...	60.0	977	--	--	28...	60.0	1000	--	--
19...	70.0	980	--	--	28...	70.0	1000	--	--
19...	80.0	982	--	--	28...	80.0	1000	--	--
19...	90.0	983	--	--	28...	90.0	1000	--	--
19...	100.0	985	--	--	28...	100.0	1000	--	--
19...	110.0	987	--	--	28...	110.0	1000	--	--
19...	120.0	988	--	--	28...	120.0	1000	--	--
19...	130.0	991	--	--	28...	130.0	1000	--	--
19...	140.0	992	--	--	28...	140.0	1000	--	--
19...	150.0	995	--	--	28...	150.0	1000	--	--
					28...	160.0	1000	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261916080064501 - G -2728

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	DEPTH	SPE- CIFIC CON- DUCTION, TOTAL (FEET)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH	SPE- CIFIC CON- DUCTION, TOTAL (FEET)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
	AT					AT			
	SAMPLE					SAMPLE			
	LOC-					LOC-			
AT	ATION,	ATION,	ATION,	ATION,	ATION,	ATION,	ATION,	ATION,	ATION,
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
FEB					APR				
24...	--	--	--	3.17	27...	--	--	--	2.76
24...	10.0	350	--	--	27...	10.0	460	--	--
24...	20.0	380	--	--	27...	20.0	470	--	--
24...	30.0	470	--	--	27...	30.0	490	--	--
24...	40.0	900	--	--	27...	40.0	700	--	--
24...	50.0	900	--	--	27...	50.0	850	--	--
24...	60.0	900	--	--	27...	60.0	900	--	--
24...	70.0	900	--	--	27...	70.0	900	--	--
24...	80.0	950	--	--	27...	80.0	900	--	--
24...	90.0	950	--	--	27...	90.0	900	--	--
24...	100.0	1000	--	--	27...	100.0	900	--	--
24...	110.0	950	--	--	27...	110.0	950	--	--
24...	120.0	950	--	--	27...	120.0	950	--	--
24...	130.0	950	--	--	27...	130.0	950	--	--
24...	140.0	1000	--	--	27...	140.0	1000	--	--
24...	150.0	950	--	--	27...	150.0	1000	--	--
24...	160.0	1000	--	--	MAY				
MAR					27...	10.0	140	--	--
29...	--	--	--	3.63	27...	20.0	390	--	--
29...	10.0	420	--	--	27...	30.0	440	--	--
29...	20.0	440	--	--	27...	40.0	800	--	--
29...	30.0	480	--	--	27...	50.0	900	--	--
29...	40.0	800	--	--	27...	60.0	900	--	--
29...	50.0	900	--	--	27...	70.0	900	--	--
29...	60.0	900	--	--	27...	80.0	1000	--	--
29...	70.0	900	--	--	27...	90.0	1000	--	--
29...	80.0	900	--	--	27...	100.0	1000	--	--
29...	90.0	900	--	--	27...	110.0	1000	--	--
29...	100.0	900	--	--	27...	120.0	1000	--	--
29...	110.0	950	--	--	27...	130.0	1000	--	--
29...	120.0	950	--	--	27...	140.0	1000	--	--
29...	130.0	950	--	--	27...	150.0	1000	--	--
29...	140.0	1000	--	--	27...	160.0	1000	--	--
29...	150.0	1000	--	--					
29...	160.0	1000	--	--					

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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261916080064501 - G -2728

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	DEPTH	SPE- CIFIC CON- DUCTION, TOTAL (FEET)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH	SPE- CIFIC CON- DUCTION, TOTAL (FEET)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
	AT					AT			
	SAMPLE					SAMPLE			
	LOC-					LOC-			
	ATION,					ATION,			
JUN					JUL				
03...	--	--	--	2.03	26...	--	--	--	1.10
03...	10.0	140	--	--	26...	10.0	70	--	--
03...	20.0	390	--	--	26...	20.0	195	--	--
03...	30.0	440	--	--	26...	30.0	700	--	--
03...	40.0	800	--	--	26...	40.0	750	--	--
03...	50.0	900	--	--	26...	50.0	750	--	--
03...	60.0	900	--	--	26...	60.0	800	--	--
03...	70.0	900	--	--	26...	70.0	800	--	--
03...	80.0	1000	--	--	26...	80.0	800	--	--
03...	90.0	1000	--	--	26...	90.0	800	--	--
03...	100.0	1000	--	--	26...	100.0	750	--	--
03...	110.0	1000	--	--	26...	110.0	750	--	--
03...	120.0	1000	--	--	26...	120.0	750	--	--
03...	130.0	1000	--	--	26...	130.0	750	--	--
03...	140.0	1000	--	--	26...	140.0	750	--	--
03...	150.0	1000	--	--	26...	150.0	750	--	--
03...	160.0	1000	--	--	26...	160.0	900	--	--
23...	--	--	--	1.18	AUG				
23...	10.0	80	--	--	23...	--	544	54	1.38
23...	20.0	420	--	--	23...	10.0	100	--	--
23...	30.0	480	--	--	23...	20.0	700	--	--
23...	40.0	700	--	--	23...	30.0	750	--	--
23...	50.0	800	--	--	23...	40.0	750	--	--
23...	60.0	900	--	--	23...	50.0	750	--	--
23...	70.0	900	--	--	23...	60.0	750	--	--
23...	80.0	900	--	--	23...	70.0	750	--	--
23...	90.0	1000	--	--	23...	80.0	800	--	--
23...	100.0	1000	--	--	23...	90.0	800	--	--
23...	110.0	900	--	--	23...	100.0	800	--	--
23...	120.0	1000	--	--	23...	110.0	800	--	--
23...	130.0	1000	--	--	23...	120.0	800	--	--
23...	140.0	1000	--	--	23...	130.0	775	--	--
23...	150.0	1000	--	--	23...	140.0	775	--	--
23...	160.0	900	--	--	23...	150.0	775	--	--
					23...	160.0	850	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261916080064501 - G -2728

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

WELL 1					WELL 2				
DATE	DEPTH AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
SEP					SEP				
27...	--	--	--	2.29	27...	80.0	1000	--	--
27...	10.0	80	--	--	27...	90.0	1000	--	--
27...	20.0	410	--	--	27...	100.0	1000	--	--
27...	30.0	600	--	--	27...	110.0	1000	--	--
27...	40.0	900	--	--	27...	120.0	1000	--	--
27...	50.0	1000	--	--	27...	130.0	1000	--	--
27...	60.0	1000	--	--	27...	140.0	1000	--	--
27...	70.0	1000	--	--	27...	150.0	1000	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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WELL NUMBER.--261921080060401. Local Number G 2730. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°19'25", long 80°06'01", in NW1/4SW1/4SW1/4 sec.31, T.47 S., R.43 E., Hydrologic Unit 03090202, 3 ft northeast of Cosden Street, 60 ft north northwest of North River Avenue, located on south side of boat storage building adjacent to Hillsboro Canal.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.38 in., depth 162 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.36 ft below land-surface datum.

REMARKS.--Well also used for salinity monitoring and conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.77 ft NGVD, Nov. 19, 1992; lowest measured, 1.25 ft NGVD, July 26, 1993.

261921080060401 - G -2730

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	AT	SPE-	CHLO-	ELEV-	DATE	AT	SPE-	CHLO-	ELEV-
	SAMPLE	CIFIC	RIDE,			SAMPLE	CIFIC	RIDE,	
TOTAL	LOC-	CON-	DIS-	ATION,	TOTAL	LOC-	CON-	DIS-	ATION,
	ATION,	DUCT-	SOLVED			ATION,	DUCT-	SOLVED	
(FEET)	ANCE	(MG/L	AS CL)	NGVD	(FEET)	ANCE	(MG/L	AS CL)	NGVD
OCT					JAN				
28...	--	--	--	2.10	06...	90.0	5000	--	--
28...	10.0	728	--	--	06...	100.0	5000	--	--
28...	20.0	618	--	--	06...	110.0	6000	--	--
28...	30.0	625	--	--	06...	120.0	13500	--	--
28...	40.0	651	--	--	06...	130.0	26000	--	--
28...	50.0	662	--	--	06...	140.0	26000	--	--
28...	60.0	666	--	--	06...	150.0	27000	--	--
28...	70.0	673	--	--	28...	--	25500	8600	2.90
28...	80.0	679	--	--	28...	10.0	500	--	--
28...	90.0	683	--	--	28...	20.0	2500	--	--
28...	100.0	723	--	--	28...	30.0	3200	--	--
28...	110.0	620	--	--	28...	40.0	3200	--	--
28...	120.0	523	--	--	28...	50.0	3200	--	--
28...	130.0	1790	--	--	28...	60.0	3200	--	--
28...	140.0	7520	--	--	28...	70.0	3200	--	--
28...	150.0	16000	--	--	28...	80.0	3200	--	--
NOV					28...	90.0	3200	--	--
19...	--	--	--	4.77	28...	100.0	3200	--	--
19...	10.0	76	--	--	28...	110.0	3000	--	--
19...	20.0	952	--	--	28...	120.0	7000	--	--
19...	30.0	1970	--	--	28...	130.0	24000	--	--
19...	40.0	3350	--	--	28...	140.0	25500	--	--
19...	50.0	3600	--	--	28...	150.0	25000	--	--
19...	60.0	4020	--	--	FEB				
19...	70.0	4660	--	--	24...	--	--	--	2.25
19...	80.0	4650	--	--	24...	10.0	600	--	--
19...	90.0	4630	--	--	24...	20.0	1250	--	--
19...	100.0	4620	--	--	24...	30.0	2500	--	--
19...	110.0	4590	--	--	24...	40.0	2900	--	--
19...	120.0	9000	--	--	24...	50.0	3100	--	--
JAN					24...	60.0	3500	--	--
06...	--	--	--	2.84	24...	70.0	3850	--	--
06...	20.0	3100	--	--	24...	80.0	3850	--	--
06...	30.0	2200	--	--	24...	90.0	3850	--	--
06...	40.0	1300	--	--	24...	100.0	3850	--	--
06...	50.0	1100	--	--	24...	110.0	4000	--	--
06...	60.0	900	--	--	24...	120.0	10100	--	--
06...	70.0	4700	--	--	24...	130.0	20400	--	--
06...	80.0	5100	--	--	24...	140.0	20500	--	--
					24...	150.0	20500	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261921080060401 - G -2730

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH					DEPTH				
	AT	SPE-	CHLO-			AT	SPE-	CHLO-	
	SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-
	LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION
DATE	ATION,	DUCT-	SOLVED	ABOVE	DATE	ATION,	DUCT-	SOLVED	ABOVE
	TOTAL	ANCE	(MG/L	NGVD		TOTAL	ANCE	(MG/L	NGVD
	(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)
MAR					JUN				
30...	--	22200	7100	2.25	03...	70.0	1500	--	--
30...	10.0	800	--	--	03...	80.0	1500	--	--
30...	20.0	800	--	--	03...	90.0	1600	--	--
30...	30.0	1300	--	--	03...	100.0	1600	--	--
30...	40.0	1500	--	--	03...	110.0	1800	--	--
30...	50.0	1600	--	--	03...	120.0	6000	--	--
30...	60.0	1300	--	--	03...	130.0	18000	--	--
30...	70.0	1300	--	--	03...	140.0	22000	--	--
30...	80.0	1300	--	--	03...	150.0	23000	--	--
30...	90.0	5000	--	--	24...	--	--	--	1.27
30...	100.0	5000	--	--	24...	10.0	200	--	--
30...	110.0	6000	--	--	24...	20.0	800	--	--
30...	120.0	10000	--	--	24...	30.0	900	--	--
30...	130.0	25000	--	--	24...	40.0	900	--	--
30...	140.0	25000	--	--	24...	50.0	900	--	--
30...	150.0	25000	--	--	24...	60.0	900	--	--
APR					JUL				
27...	--	--	--	1.62	24...	70.0	900	--	--
27...	10.0	600	--	--	24...	80.0	900	--	--
27...	20.0	650	--	--	24...	90.0	900	--	--
27...	30.0	1000	--	--	24...	100.0	900	--	--
27...	40.0	1300	--	--	24...	110.0	1000	--	--
27...	50.0	950	--	--	24...	120.0	3200	--	--
27...	60.0	900	--	--	24...	130.0	12000	--	--
27...	70.0	1000	--	--	24...	140.0	19000	--	--
27...	80.0	4450	--	--	24...	150.0	20000	--	--
27...	90.0	4600	--	--	JUL				
27...	100.0	4600	--	--	26...	--	--	--	1.25
27...	110.0	4300	--	--	26...	10.0	600	--	--
27...	120.0	10000	--	--	26...	20.0	600	--	--
27...	130.0	23000	--	--	26...	30.0	850	--	--
27...	140.0	23500	--	--	26...	40.0	975	--	--
27...	150.0	24000	--	--	26...	50.0	975	--	--
JUN					26...	60.0	950	--	--
03...	--	--	--	1.92	26...	70.0	950	--	--
03...	10.0	600	--	--	26...	80.0	1000	--	--
03...	20.0	1450	--	--	26...	90.0	1200	--	--
03...	30.0	1500	--	--	26...	100.0	1200	--	--
03...	40.0	1500	--	--	26...	110.0	1000	--	--
03...	50.0	1500	--	--	26...	120.0	4500	--	--
03...	60.0	1500	--	--	26...	130.0	18000	--	--
					26...	140.0	22000	--	--
					26...	150.0	22000	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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261921080060401 - G -2730

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
AUG					SEP				
DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH AT SAMPLE LOC- ATION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
24...	10.0	220	--	--	28...	--	--	--	2.17
24...	20.0	400	--	--	28...	10.0	210	--	--
24...	30.0	850	--	--	28...	20.0	1400	--	--
24...	40.0	1050	--	--	28...	30.0	1400	--	--
24...	50.0	1100	--	--	28...	40.0	1400	--	--
24...	60.0	1100	--	--	28...	50.0	1400	--	--
24...	70.0	1100	--	--	28...	60.0	1400	--	--
24...	80.0	1100	--	--	28...	70.0	1400	--	--
24...	90.0	1250	--	--	28...	80.0	1400	--	--
24...	100.0	1250	--	--	28...	90.0	1600	--	--
24...	110.0	1200	--	--	28...	100.0	1500	--	--
24...	120.0	4600	--	--	28...	110.0	1500	--	--
24...	130.0	16500	--	--	28...	120.0	3700	--	--
24...	140.0	21000	--	--	28...	130.0	17000	--	--
24...	150.0	21000	--	--	28...	140.0	20000	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261929080064001. Local Number G 2729. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°19'31", long 80°06'48", in NW1/4SE1/4 sec.36, T.47 S., R.42 E., Hydrologic Unit 03090202, at the southwest corner of Northwest 6th Street and Northwest 3rd Way, 2 ft south of Northwest 6th Street, 97 ft west of Northwest 3rd Way.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 156 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.52 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

REMARKS.--Well also used for conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.98 ft NGVD, Nov. 19, 1992; lowest measured, 1.32 ft NGVD, June 23, 1993.

261929080064001 - G -2729

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
OCTOBER 1992					JANUARY 1993				
DATE	AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					JAN				
28...	--	--	--	2.10	08...	40.0	335	--	--
28...	10.0	149	--	--	08...	50.0	335	--	--
28...	20.0	248	--	--	08...	60.0	335	--	--
28...	30.0	316	--	--	08...	70.0	330	--	--
28...	40.0	352	--	--	08...	80.0	335	--	--
28...	50.0	353	--	--	08...	90.0	340	--	--
28...	60.0	356	--	--	08...	100.0	340	--	--
28...	70.0	355	--	--	08...	110.0	350	--	--
28...	80.0	352	--	--	08...	120.0	430	--	--
28...	90.0	354	--	--	08...	130.0	600	--	--
28...	100.0	354	--	--	08...	140.0	600	--	--
28...	110.0	354	--	--	28...	--	--	--	3.35
28...	120.0	354	--	--	28...	10.0	320	--	--
28...	130.0	355	--	--	28...	20.0	340	--	--
28...	140.0	355	--	--	28...	30.0	370	--	--
28...	150.0	547	--	--	28...	40.0	420	--	--
NOV					28...	50.0	600	--	--
19...	--	--	--	4.98	28...	60.0	600	--	--
19...	10.0	103	--	--	28...	70.0	650	--	--
19...	20.0	143	--	--	28...	80.0	700	--	--
19...	30.0	306	--	--	28...	90.0	700	--	--
19...	40.0	383	--	--	28...	100.0	700	--	--
19...	50.0	374	--	--	28...	110.0	700	--	--
19...	60.0	370	--	--	28...	120.0	700	--	--
19...	70.0	374	--	--	28...	130.0	700	--	--
19...	80.0	387	--	--	FEB				
19...	90.0	393	--	--	24...	--	--	--	2.52
19...	100.0	391	--	--	24...	10.0	315	--	--
19...	110.0	376	--	--	24...	20.0	320	--	--
19...	120.0	369	--	--	24...	30.0	330	--	--
19...	130.0	366	--	--	24...	40.0	365	--	--
19...	140.0	413	--	--	24...	50.0	450	--	--
19...	150.0	568	--	--	24...	60.0	600	--	--
JAN					24...	70.0	600	--	--
08...	--	--	--	3.67	24...	80.0	650	--	--
08...	10.0	260	--	--	24...	90.0	700	--	--
08...	20.0	260	--	--	24...	100.0	700	--	--
08...	30.0	330	--	--	24...	110.0	700	--	--
					24...	120.0	700	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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261929080064001 - G -2729

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTH					DEPTH				
AT	SPE-	CHLO-			AT	SPE-	CHLO-		
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)	
MAR					JUN				
29...	--	--	--	3.04	03...	60.0	440	--	--
29...	10.0	300	--	--	03...	70.0	600	--	--
29...	20.0	310	--	--	03...	80.0	600	--	--
29...	30.0	330	--	--	03...	90.0	600	--	--
29...	40.0	330	--	--	03...	100.0	600	--	--
29...	50.0	330	--	--	03...	110.0	700	--	--
29...	60.0	330	--	--	03...	120.0	700	--	--
29...	70.0	330	--	--	03...	130.0	700	--	--
29...	80.0	340	--	--	23...	--	--	--	1.32
29...	90.0	340	--	--	23...	10.0	240	--	--
29...	100.0	340	--	--	23...	20.0	260	--	--
29...	110.0	350	--	--	23...	30.0	320	--	--
29...	120.0	350	--	--	23...	40.0	320	--	--
29...	130.0	600	--	--	23...	50.0	320	--	--
APR					23...	60.0	320	--	--
27...	--	--	--	2.12	23...	70.0	320	--	--
27...	10.0	300	--	--	23...	80.0	320	--	--
27...	20.0	310	--	--	23...	90.0	330	--	--
27...	30.0	320	--	--	23...	100.0	330	--	--
27...	40.0	320	--	--	23...	110.0	340	--	--
27...	50.0	330	--	--	23...	120.0	360	--	--
27...	60.0	350	--	--	23...	130.0	700	--	--
27...	70.0	430	--	--	JUL				
27...	80.0	650	--	--	26...	--	--	--	1.36
27...	90.0	700	--	--	26...	10.0	140	--	--
27...	100.0	700	--	--	26...	20.0	250	--	--
27...	110.0	700	--	--	26...	30.0	300	--	--
27...	120.0	700	--	--	26...	40.0	310	--	--
27...	130.0	700	--	--	26...	50.0	315	--	--
27...	140.0	600	--	--	26...	60.0	315	--	--
JUN					26...	70.0	320	--	--
03...	--	--	--	2.02	26...	80.0	330	--	--
03...	10.0	280	--	--	26...	90.0	340	--	--
03...	20.0	300	--	--	26...	100.0	360	--	--
03...	30.0	350	--	--	26...	110.0	405	--	--
03...	40.0	360	--	--	26...	120.0	650	--	--
03...	50.0	400	--	--	26...	130.0	700	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

261929080064001 - G -2729

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993					WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993				
DATE	DEPTH AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	DEPTH AT SAMPLE LOC- TION, TOTAL (FEET)	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
AUG					SEP				
23...	--	502	34	1.43	27...	--	--	--	2.24
23...	10.0	150	--	--	27...	10.0	230	--	--
23...	20.0	265	--	--	27...	20.0	380	--	--
23...	30.0	305	--	--	27...	30.0	600	--	--
23...	40.0	305	--	--	27...	40.0	600	--	--
23...	50.0	315	--	--	27...	50.0	700	--	--
23...	60.0	325	--	--	27...	60.0	700	--	--
23...	70.0	345	--	--	27...	70.0	700	--	--
23...	80.0	375	--	--	27...	80.0	700	--	--
23...	90.0	420	--	--	27...	90.0	700	--	--
23...	100.0	625	--	--	27...	100.0	700	--	--
23...	110.0	700	--	--	27...	110.0	700	--	--
23...	120.0	700	--	--	27...	120.0	700	--	--
23...	130.0	700	--	--	27...	130.0	700	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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BROWARD COUNTY

WELL NUMBER.--261934080070802. Local Number G 2718. USGS Observation Well near Deerfield Beach, FL.

LOCATION.--Lat 26°19'34", long 80°07'08", in NW1/4NW1/4SW1/4 sec.36, T.47 S., R.42 E., Hydrologic Unit 03090202, at the north end of Northwest 12th Avenue, 9 ft west of the road, directly west of the northern end of the northernmost median.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 150 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

REMARKS.--Well also used for salinity monitoring and conductivity profiles.

PERIOD OF RECORD.--October 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.17 ft NGVD, Nov. 19, 1992; lowest measured, 1.88 ft NGVD, Aug. 23, 1993.

261934080070802 - G -2718

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	AT	SPE-	CHLO-	ELEV-	DATE	AT	SPE-	CHLO-	ELEV-
	SAMPLE	CIFIC	RIDE,			SAMPLE	CIFIC	RIDE,	
TOTAL	LOC-	CON-	DIS-	ABOVE	TOTAL	LOC-	CON-	DIS-	ABOVE
	ATION,	DUCT-	SOLVED			ATION,	DUCT-	SOLVED	
(FEET)	ANCE	(MG/L	AS CL)	NGVD	(FEET)	ANCE	(MG/L	AS CL)	NGVD
(US/CM)				(FEET)	(US/CM)				(FEET)
OCT					JAN				
27...	--	--	--	2.95	06...	60.0	600	--	--
27...	10.0	287	--	--	06...	70.0	600	--	--
27...	20.0	578	--	--	06...	80.0	650	--	--
27...	30.0	573	--	--	06...	90.0	650	--	--
27...	40.0	572	--	--	06...	100.0	700	--	--
27...	50.0	573	--	--	06...	110.0	700	--	--
27...	60.0	569	--	--	06...	120.0	700	--	--
27...	70.0	563	--	--	06...	130.0	700	--	--
27...	80.0	559	--	--	06...	140.0	800	--	--
27...	90.0	555	--	--	28...	--	--	--	3.80
27...	100.0	552	--	--	28...	10.0	600	--	--
27...	110.0	593	--	--	28...	20.0	600	--	--
27...	120.0	590	--	--	28...	30.0	600	--	--
27...	130.0	590	--	--	28...	40.0	600	--	--
27...	140.0	599	--	--	28...	50.0	600	--	--
27...	150.0	713	--	--	28...	60.0	600	--	--
NOV					28...	70.0	600	--	--
19...	--	--	--	5.17	28...	80.0	650	--	--
19...	10.0	537	--	--	28...	90.0	650	--	--
19...	20.0	539	--	--	28...	100.0	650	--	--
19...	30.0	542	--	--	28...	110.0	700	--	--
19...	40.0	541	--	--	28...	120.0	700	--	--
19...	50.0	543	--	--	28...	130.0	700	--	--
19...	60.0	542	--	--	28...	140.0	900	--	--
19...	70.0	539	--	--	FEB				
19...	80.0	540	--	--	24...	--	--	--	4.56
19...	90.0	539	--	--	24...	10.0	270	--	--
19...	100.0	561	--	--	24...	20.0	275	--	--
19...	110.0	579	--	--	24...	30.0	300	--	--
19...	120.0	580	--	--	24...	40.0	310	--	--
19...	130.0	581	--	--	24...	50.0	320	--	--
19...	140.0	539	--	--	24...	60.0	395	--	--
19...	150.0	689	--	--	24...	70.0	395	--	--
JAN					24...	80.0	395	--	--
06...	--	--	--	4.06	24...	90.0	395	--	--
06...	10.0	600	--	--	24...	100.0	800	--	--
06...	20.0	600	--	--	24...	110.0	800	--	--
06...	30.0	600	--	--	24...	120.0	800	--	--
06...	40.0	600	--	--	24...	130.0	900	--	--
06...	50.0	600	--	--	24...	140.0	900	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

261934080070802 - G -2718

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DEPTE					DEPTE				
AT	SPE-	CHLO-			AT	SPE-	CHLO-		
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)	
MAR					JUN				
29...	--	--	--	3.53	03...	60.0	600	--	--
29...	10.0	600	--	--	03...	70.0	600	--	--
29...	20.0	600	--	--	03...	80.0	600	--	--
29...	30.0	600	--	--	03...	90.0	600	--	--
29...	40.0	600	--	--	03...	100.0	700	--	--
29...	50.0	600	--	--	03...	110.0	700	--	--
29...	60.0	600	--	--	03...	120.0	700	--	--
29...	70.0	600	--	--	03...	130.0	700	--	--
29...	80.0	600	--	--	03...	140.0	900	--	--
29...	90.0	600	--	--	23...	--	--	--	1.92
29...	100.0	700	--	--	23...	20.0	600	--	--
29...	110.0	700	--	--	23...	30.0	600	--	--
29...	120.0	700	--	--	23...	40.0	600	--	--
29...	130.0	700	--	--	23...	50.0	600	--	--
29...	140.0	900	--	--	23...	60.0	600	--	--
APR					23...	70.0	600	--	--
27...	--	--	--	2.86	23...	80.0	650	--	--
27...	10.0	550	--	--	23...	90.0	650	--	--
27...	20.0	600	--	--	23...	100.0	700	--	--
27...	30.0	600	--	--	23...	110.0	700	--	--
27...	40.0	600	--	--	23...	120.0	700	--	--
27...	50.0	600	--	--	23...	130.0	700	--	--
27...	60.0	600	--	--	23...	140.0	800	--	--
27...	70.0	600	--	--	JUL				
27...	80.0	600	--	--	26...	--	--	--	2.04
27...	90.0	600	--	--	26...	20.0	600	--	--
27...	100.0	700	--	--	26...	30.0	600	--	--
27...	110.0	700	--	--	26...	40.0	600	--	--
27...	120.0	700	--	--	26...	50.0	600	--	--
27...	130.0	700	--	--	26...	60.0	625	--	--
27...	140.0	850	--	--	26...	70.0	650	--	--
JUN					26...	80.0	650	--	--
03...	--	--	--	2.53	26...	90.0	650	--	--
03...	10.0	600	--	--	26...	100.0	700	--	--
03...	20.0	600	--	--	26...	110.0	700	--	--
03...	30.0	600	--	--	26...	120.0	700	--	--
03...	40.0	600	--	--	26...	130.0	725	--	--
03...	50.0	600	--	--	26...	140.0	900	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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261934080070802 - G -2718

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993					WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993				
DEPTH	AT	SPE-	CHLO-		DEPTH	AT	SPE-	CHLO-	
SAMPLE	CIFIC	RIDE,	ELEV-		SAMPLE	CIFIC	RIDE,	ELEV-	
LOC-	CON-	DIS-	ATION		LOC-	CON-	DIS-	ATION	
ATION,	DUCT-	SOLVED	ABOVE		ATION,	DUCT-	SOLVED	ABOVE	
DATE	TOTAL	ANCE	(MG/L	NGVD	DATE	TOTAL	ANCE	(MG/L	NGVD
(FEET)	(US/CM)	AS CL)	(FEET)		(FEET)	(US/CM)	AS CL)	(FEET)	
AUG					SEP				
23...	--	509	32	1.88	27...	--	--	--	2.80
23...	20.0	600	--	--	27...	10.0	400	--	--
23...	30.0	600	--	--	27...	20.0	600	--	--
23...	40.0	600	--	--	27...	30.0	600	--	--
23...	50.0	625	--	--	27...	40.0	600	--	--
23...	60.0	625	--	--	27...	50.0	600	--	--
23...	70.0	650	--	--	27...	60.0	600	--	--
23...	80.0	650	--	--	27...	70.0	650	--	--
23...	90.0	700	--	--	27...	80.0	700	--	--
23...	100.0	700	--	--	27...	90.0	700	--	--
23...	110.0	700	--	--	27...	100.0	700	--	--
23...	120.0	700	--	--	27...	110.0	700	--	--
23...	130.0	725	--	--	27...	120.0	700	--	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261938080101001. Local Number G 2852. USGS Observation Well near Boca Raton, FL.

LOCATION.--Lat 26°19'38", long 80°10'10", in NW1/4NW1/4SW1/4 sec.33, T.47 S., R.42 E., Hydrologic Unit 03090202, approximately 12 ft south of Hillsboro Canal, 3/4 mi west of parking lot of Villages of Hillsboro Park, approximately 40 ft east of telephone pole, 2 ft south of G 2853, 1.45 mi west of Powerline Road and 0.5 mi east of Florida Turnpike.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 130 ft, cased to 130 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

REMARKS.--Well also used for salinity monitoring. Well was formerly designated PB 1105 and published under the same station number.

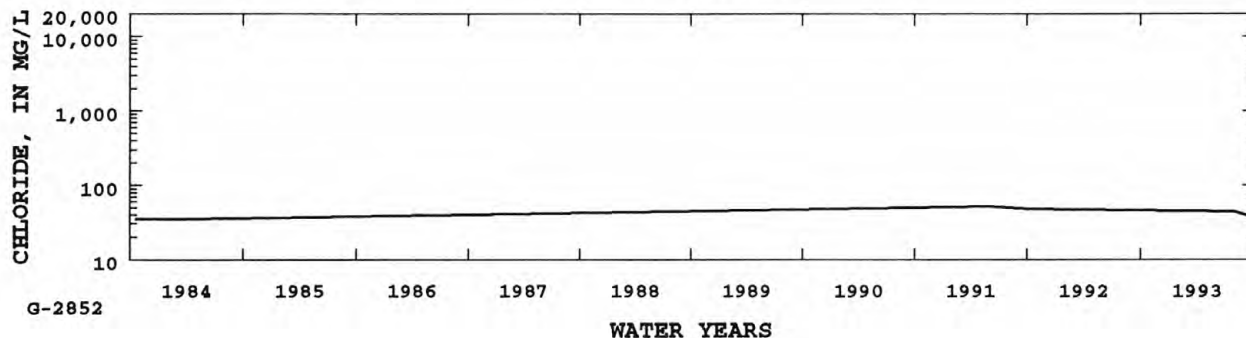
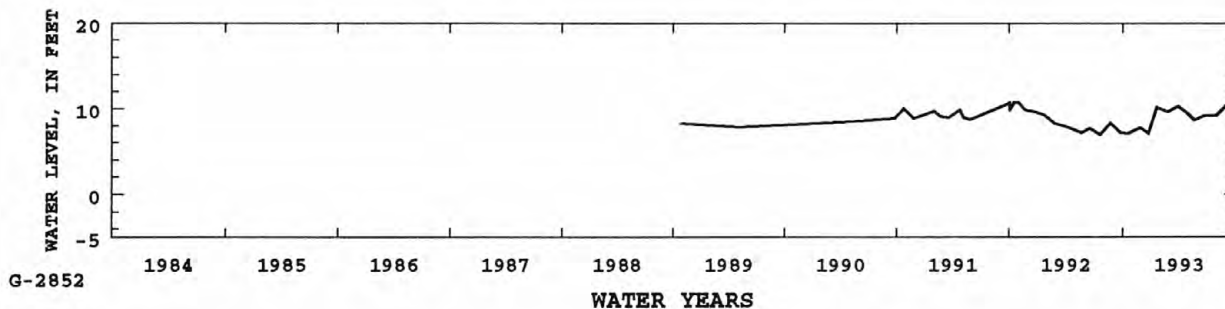
PERIOD OF RECORD.--July 1980 to September 1990 (semiannual), October 1990 to October 1991 (intermittent), November 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.78 ft NGVD, Oct. 17 and 31, 1991; lowest measured, 6.93 ft NGVD, July 21, 1992.

261938080101001 - G -2852

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
19...	1145	7.07	27...	1010	9.47
NOV			MAY		
26...	1330	7.75	19...	1310	8.61
DEC			JUN		
22...	1222	7.07	21...	1719	9.16
JAN			JUL		
19...	1430	10.12	29...	0840	9.16
FEB			AUG		
24...	1545	9.59	31...	1550	10.38
MAR			SEP		
29...	1510	10.27	22...	1115	9.80



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
255826080091101	G	-1408	25 58 26 N	080 09 11 W	10-27-92	--	--	1.78
					05-06-93	--	--	1.00
255845080095301	G	-1549	25 58 45 N	080 09 53 W	10-28-92	725	68	--
					11-30-92	675	68	--
					12-28-92	695	66	--
					01-26-93	620	75	--
					02-23-93	700	66	--
					03-22-93	765	66	--
					04-19-93	700	70	--
					05-19-93	620	70	--
					06-17-93	647	70	--
					08-19-93	676	68	--
					09-21-93	686	68	--
255847080085301	G	-1410	25 58 47 N	080 08 53 W	05-06-93	--	--	1.82
255916080084501	G	-1433	25 59 16 N	080 08 45 W	10-28-92	34800	12000	--
					11-30-92	35000	12000	--
					12-28-92	34800	12000	--
					01-26-93	34700	12000	--
					02-23-93	35000	12000	--
					03-22-93	34800	12000	0.53
					04-19-93	34800	12000	0.36
					05-19-93	34400	12000	-0.99
					06-17-93	31400	12000	-0.37
					07-21-93	35100	12000	0.04
					08-19-93	35100	13000	-0.15
					09-21-93	35300	12000	0.34
255916080085301	G	-1434	25 59 16 N	080 08 53 W	10-28-92	29100	9900	--
					11-30-92	29100	9800	--
					12-28-92	29100	9800	--
					01-26-93	28900	10000	--
					02-23-93	28400	9800	--
					03-22-93	28500	9800	0.22
					04-19-93	28700	9600	0.19
					05-19-93	29100	9800	-0.81
					06-17-93	28400	10000	-0.36
					07-21-93	29500	10000	0.02
					08-19-93	29300	10000	0.03
					09-21-93	29200	10000	0.42
255919080091204	G	-2408	25 59 19 N	080 09 12 W	10-27-92	--	--	1.54
					05-06-93	--	--	0.79
255921080091701	G	-1401	25 59 21 N	080 09 17 W	10-27-92	--	--	2.81
255925080082801	G	-1414	25 59 25 N	080 08 28 W	10-27-92	--	--	1.65
					05-06-93	--	--	0.79
255948080090901	G	-1241	25 59 48 N	080 09 09 W	10-28-92	5480	1700	--
					11-30-92	7850	2600	--
					12-28-92	4390	1600	--
					02-23-93	7810	2600	--
					03-24-93	7300	2200	2.39
					04-19-93	7200	2200	2.02
					05-19-93	3920	1400	1.22
					09-13-93	12400	4500	2.34
					09-21-93	13000	4300	2.46

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
260002080105001	G	-2470	26 00 02 N	080 10 50 W	10-29-92	--	--	1.48
					05-06-93	--	--	0.98
260002080105002	G	-2471			10-27-92	--	--	1.66
					05-06-93	--	--	0.99
260004080104201	G	-2472	26 00 04 N	080 10 42 W	10-29-92	--	--	1.66
					05-06-93	--	--	0.99
260004080104202	G	-2473			10-29-92	--	--	1.63
260006080121901	G	-1585	26 00 06 N	080 12 19 W	10-29-92	--	--	2.91
					05-06-93	--	--	1.30
260008080103901	G	-2474	26 00 08 N	080 10 39 W	10-29-92	--	--	1.50
					05-06-93	--	--	0.89
260027080110101	G	-2037	26 00 27 N	080 11 01 W	10-29-92	--	--	1.66
					05-06-93	--	--	0.94
260027080110102	G	-2038	26 00 27 N	080 11 01 W	10-27-92	--	--	1.67
					05-06-93	--	--	0.96
260027080110103	G	-2039			10-29-92	--	--	1.36
					05-06-93	--	--	0.64
260035080102601	G	-2073A	26 00 35 N	080 10 26 W	10-26-92	485	28	2.23
					01-28-93	600	40	2.09
					02-25-93	492	30	2.03
					03-26-93	412	40	3.35
					04-21-93	351	36	1.23
					05-25-93	380	38	0.69
					07-30-93	575	40	1.76
260035080102602	G	-2073			01-28-93	770	150	2.11
					02-25-93	748	150	2.03
					03-26-93	775	150	2.06
					04-19-93	733	130	1.28
					05-25-93	900	150	0.66
					07-30-93	1080	190	1.70
260041080093102	G	-2426	26 00 41 N	080 09 31 W	10-26-92	350	22	1.93
					01-28-93	515	32	2.36
					02-25-93	522	34	2.33
					03-26-93	420	36	2.38
					04-21-93	650	36	1.55
					05-25-93	700	38	0.76
					07-30-93	580	34	--
260044080094901	G	-1588	26 00 44 N	080 09 49 W	10-27-92	--	--	2.00
					05-06-93	--	--	1.44
260045080102201	G	-2000	26 00 45 N	080 10 22 W	10-26-92	2500	700	--
					01-28-93	2300	680	--
					02-25-93	2500	700	--
					03-26-93	2600	680	--
					04-20-93	2420	600	--
					05-25-93	2420	600	--
					07-30-93	2760	780	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
260045080103401	G	-2040	26 00 45 N	080 10 34 W	10-26-92	450	54	--
					01-28-93	670	96	--
					02-25-93	724	100	--
					03-26-93	660	100	--
					04-20-93	602	88	--
					05-25-93	635	90	--
					07-30-93	750	92	--
260053080102301	G	-1548	26 00 53 N	080 10 23 W	10-26-92	2500	600	--
					01-28-93	2110	580	--
					02-25-93	2200	580	--
					03-26-93	2260	600	--
					04-20-93	2110	560	--
					05-25-93	2260	580	--
					07-30-93	2470	530	--
260104080120201	G	-1185	26 01 04 N	080 12 02 W	10-29-92	--	--	1.72
					05-06-93	--	--	0.99
260111080101401	G	-2176A	26 01 11 N	080 10 14 W	10-26-92	440	30	--
					01-28-93	538	32	--
					02-25-93	591	38	--
					03-26-93	480	34	--
					04-20-93	604	34	--
					05-25-93	695	40	--
					07-30-93	625	38	--
260111080101402	G	-2176			10-26-92	1550	390	--
					01-28-93	1640	410	--
					02-25-93	1720	430	--
					03-26-93	1690	400	--
					04-20-93	1530	370	--
					05-25-93	1840	450	--
					07-30-93	1640	370	--
260120080093401	G	-2441	26 01 20 N	080 09 34 W	10-26-92	1300	250	--
					01-28-93	1150	250	--
					02-25-93	1320	270	--
					03-26-93	1210	250	--
					04-20-93	1390	280	--
					05-25-93	1090	250	--
					07-30-93	1450	300	--
260136080094301	G	-1569	26 01 36 N	080 09 43 W	05-06-93	--	--	0.81
260205080133201	G	-1575	26 02 05 N	080 13 32 W	10-29-92	--	--	1.71
					05-06-93	--	--	1.34
260311080120402	G	-2270	26 03 11 N	080 12 04 W	10-30-92	626	76	--
					05-06-93	660	64	--
260521080122401	G	-2125	26 05 21 N	080 12 24 W	10-09-92	585	32	2.40
					10-26-92	--	--	2.05
					10-30-92	590	34	1.90
					01-07-93	605	38	2.09
					02-23-93	570	38	1.92
					03-24-93	477	36	2.06
					04-19-93	367	34	1.92
					05-05-93	--	--	1.43
					05-24-93	554	36	1.40
					09-22-93	573	38	2.56

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS

OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
260525080123901	G	-2121	26 05 25 N	080 12 39 W	10-09-92	1420	300	--
					10-30-92	1420	290	--
					01-07-93	1450	300	--
					02-23-93	1550	350	--
					04-13-93	1170	280	--
					04-19-93	1230	330	--
					06-10-93	1270	290	--
					06-18-93	1510	320	--
					07-22-93	1500	320	--
					08-26-93	1440	310	--
					09-22-93	1520	300	--
260527080123801	G	-1344	26 05 27 N	080 12 38 W	10-09-92	59	8.0	1.80
					10-26-92	--	--	1.73
					10-30-92	88	7.5	1.60
					01-07-93	142	19	1.90
					02-23-93	79	5.0	1.55
					03-24-93	60	5.0	1.63
					04-19-93	50	8.0	1.47
					05-05-93	--	--	1.22
					05-24-93	160	8.0	1.13
					06-18-93	207	33	1.51
260527080123801	G	-1344	26 05 27 N	080 12 38 W	07-22-93	280	44	1.86
					08-26-93	265	46	1.95
					09-22-93	393	80	2.37
260528080122301	G	-2123	26 05 28 N	080 12 23 W	10-09-92	136	7.0	--
					10-30-92	321	26	--
					01-07-93	319	32	--
					01-29-93	151	4.0	--
					02-23-93	182	6.0	--
					03-24-93	195	7.0	--
					04-19-93	210	6.0	--
					05-24-93	405	42	--
					06-18-93	471	48	--
					07-22-93	471	52	--
					08-26-93	477	44	--
					09-22-93	512	46	--
260533080121001	G	-2126	26 05 33 N	080 12 10 W	10-09-92	488	32	--
					10-30-92	494	28	--
					01-07-93	485	32	--
					02-23-93	474	34	--
					03-24-93	353	30	--
					04-19-93	305	28	--
260534080112101	G	-2129	26 05 34 N	080 11 21 W	10-30-92	530	28	--
					12-02-92	177	15	--
					01-07-93	169	16	--
					02-23-93	340	22	--
					03-24-93	323	20	--
					04-19-93	279	20	--
					05-24-93	180	16	--
					06-18-93	164	10	--
					07-22-93	171	8.0	--
					08-26-93	104	6.0	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
260547080105801	G -2352		26 05 47 N	080 10 58 W	10-30-92	1540	330	--
					01-07-93	1670	340	--
					02-23-93	1550	320	--
					04-13-93	1350	330	--
					04-19-93	1370	330	--
					05-24-93	1420	320	--
					06-18-93	1530	340	--
					07-22-93	1590	340	--
260551080122901	G - 603		26 05 51 N	080 12 29 W	10-26-92	--	--	1.42
					05-05-93	--	--	1.02
260551080123001	G - 601		26 05 51 N	080 12 30 W	10-26-92	--	--	1.50
					05-05-93	--	--	1.14
260558080122701	G - 582		26 05 58 N	080 12 27 W	10-26-92	--	--	1.68
					05-05-93	--	--	2.40
260605080122501	G - 604		26 06 02 N	080 12 25 W	10-26-92	--	--	1.08
					05-05-93	--	--	0.87
260605080125801	G -1092		26 06 05 N	080 12 58 W	05-05-93	--	--	6.29
260607080124801	G - 990		26 06 07 N	080 12 48 W	10-26-92	--	--	2.11
					05-05-93	--	--	1.74
260612080122301	G - 587		26 06 12 N	080 12 23 W	10-26-92	--	--	1.25
					05-05-93	--	--	1.33
260612080122701	G - 605		26 06 12 N	080 12 27 W	10-26-92	--	--	0.87
					05-05-93	--	--	-0.3
260617080113701	G -2136		26 06 17 N	080 11 37 W	10-26-92	--	--	2.43
					05-05-93	--	--	2.08
260620080110801	G -2135		26 06 20 N	080 11 08 W	10-26-92	--	--	1.99
					05-05-93	--	--	1.11
260624080120101	G -2141		26 06 24 N	080 12 01 W	10-26-92	--	--	0.77
					05-05-93	--	--	0.68
260630080122901	G - 484		26 06 30 N	080 12 29 W	05-05-93	--	--	2.24
260636080131201	G -2145		26 06 36 N	080 13 12 W	10-26-92	--	--	2.26
					05-05-93	--	--	2.02
					05-05-93	--	--	4.44
260638080095801	G -2131		26 06 38 N	080 09 58 W	05-05-93	--	--	0.51
260648080114801	G -2137		26 06 48 N	080 11 48 W	10-26-92	--	--	1.57
					05-05-93	--	--	1.30
260649080122801	G - 482		26 06 49 N	080 12 28 W	10-26-92	--	--	0.77
					05-05-93	--	--	0.29
260653080120901	G -2140		26 06 53 N	080 12 09 W	05-05-93	--	--	0.42
260658080113801	G - 988		26 06 58 N	080 11 38 W	10-26-92	--	--	2.43
					05-05-93	--	--	1.92
260658080132001	G -1089		26 06 58 N	080 13 20 W	10-26-92	--	--	4.07
					05-05-93	--	--	5.44
260704080125201	G - 457		26 07 04 N	080 12 52 W	10-26-92	--	--	3.47
					05-05-93	--	--	3.29

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS

OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
260724080123701	G - 986		26 07 24 N	080 12 37 W	10-26-92	--	--	2.84
					05-05-93	--	--	2.71
261018080091101	G -2180		26 10 18 N	080 09 11 W	10-28-92	1190	210	--
					12-29-92	949	200	--
					02-25-93	1090	190	--
					03-26-93	1050	180	--
					04-26-93	1110	180	--
					05-28-93	1070	180	--
					06-28-93	1070	180	--
					08-02-93	1060	180	--
					08-27-93	1040	170	--
261020080131701	G -2361		26 10 20 N	080 13 17 W	10-27-92	--	--	5.97
					05-05-93	--	--	5.85
261020080131702	G -2361A				10-27-92	--	--	6.09
					05-05-93	--	--	5.88
261026080100201	G -2091		26 10 26 N	080 10 02 W	10-28-92	659	44	2.11
					12-29-92	590	44	2.02
					02-25-93	630	39	1.86
					03-26-93	627	42	2.23
					04-26-93	623	42	1.55
					05-28-93	628	40	1.26
					06-28-93	624	42	1.56
					08-02-93	637	42	1.84
					08-27-93	618	44	2.32
261026080100701	G -1347		26 10 26 N	080 10 07 W	10-28-92	692	38	--
					12-29-92	596	38	--
					02-25-93	660	37	--
					03-26-93	621	34	--
					04-27-93	405	24	--
					05-28-93	433	32	--
					06-28-93	353	35	--
					08-02-93	547	36	--
					08-27-93	528	39	--
261030080120001	G -1451		26 10 30 N	080 12 00 W	10-27-92	--	--	2.58
					05-06-93	--	--	1.46
261037080093801	G -1453		26 10 37 N	080 09 38 W	10-27-92	--	--	1.77
					05-06-93	--	--	1.57
261040080100901	G -2114		26 10 40 N	080 10 09 W	10-27-92	--	--	2.36
					05-06-93	--	--	1.75
261045080093501	G -2090		26 10 45 N	080 09 35 W	10-28-92	622	38	--
					12-29-92	531	22	--
					02-25-93	570	34	--
					03-26-93	515	32	--
					04-26-93	580	26	--
					05-26-93	562	34	--
					08-02-93	567	37	--
					08-27-93	571	36	--
261045080093502	G -1452				10-27-92	--	--	2.41
					05-06-93	--	--	1.65
261047080114701	G -2118		26 10 47 N	080 11 47 W	10-27-92	--	--	1.12
					05-06-93	--	--	0.33

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS BROWARD COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
261050080091701	G -2110		26 10 50 N	080 09 17 W	10-27-92 05-06-93	-- --	-- --	2.25 1.43
261051080095401	G - 870		26 10 51 N	080 09 54 W	10-27-92	--	--	3.24
261051080095401	G - 870		26 10 51 N	080 09 54 W	05-06-93	--	--	3.22
261100080140402	G -1212A		26 11 00 N	080 09 04 W	10-27-92 10-28-92 12-29-92 02-25-93 04-26-93 05-06-93 05-26-93 06-28-93 08-02-93 08-27-93	-- 625 383 602 602 -- 661 723 600 602	-- 30 36 32 31 -- 36 58 29 32	2.35 2.18 2.16 1.93 1.64 4.48 1.17 1.78 2.08 2.69
261107080120301	G -2370		26 11 07 N	080 12 03 W	10-27-92 05-06-93	-- --	-- --	-1.06 -2.00
261107080120302	G -2370A				10-27-92 05-06-93	-- --	-- --	-0.58 -1.56
261111080093001	G -2109		26 11 11 N	080 09 30 W	10-27-92 05-06-93	-- --	-- --	6.71 6.46
261112080121401	G -2108		26 11 12 N	080 12 14 W	10-27-92 05-06-93	-- --	-- --	2.80 2.24
261114080112801	G -2458		26 11 14 N	080 11 28 W	10-27-92 05-06-93	-- --	-- --	-2.07 -3.50
261114080112802	G -2459				10-27-92 05-06-93	-- --	-- --	-2.82 -4.17
261115080103201	G -2104		26 11 15 N	080 10 32 W	10-27-92 05-06-93	-- --	-- --	2.34 1.72
261122080083401	G -1232		26 11 22 N	080 08 34 W	10-28-92 12-29-92 03-26-93 04-26-93 05-26-93 06-28-93 08-02-93 08-27-93	453 371 387 398 400 382 385 379	30 22 18 18 20 20 18 20	-- -- -- -- -- -- -- --
261122080131101	G -2407		26 11 22 N	080 13 11 W	10-27-92 05-05-93	-- --	-- --	5.45 5.07
261122080131102	G -2450				10-27-92 05-05-93	-- --	-- --	4.79 4.80
261128080102201	G -2440		26 11 28 N	080 10 22 W	10-27-92 05-06-93	-- --	-- --	2.91 2.23
261133080113501	G -2460		26 11 33 N	080 11 35 W	10-27-92 05-06-93	-- --	-- --	-3.42 -4.87
261133080113502	G -2461				10-27-92 05-06-93	-- --	-- --	-5.71 -7.71
261142080112301	G -2417		26 11 42 N	080 11 23 W	10-27-92 05-06-93	-- --	-- --	-6.28 -8.63

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
261146080112801	G -2411		26 11 46 N	080 11 28 W	10-27-92 05-06-93	-- --	-- --	-1.27 -1.34
261146080125501	G -2406		26 11 46 N	080 12 55 W	10-27-92 05-05-93	-- --	-- --	4.19 3.76
261146080125502	G -2449				10-27-92 05-05-93	-- --	-- --	4.34 3.80
261147080112201	G -2416		26 11 47 N	080 11 22 W	10-27-92 05-06-93	-- --	-- --	-6.26 -8.87
261147080112501	G -2415		26 11 47 N	080 11 25 W	10-27-92 05-06-93	-- --	-- --	-6.74 -9.27
261147080112802	G -2412		26 11 47 N	080 11 28 W	10-27-92 05-06-93	-- --	-- --	-7.43 -9.64
261147080113101	G -2418		26 11 47 N	080 11 31 W	10-27-92 05-06-93	-- --	-- --	-6.40 -6.88
261147080114501	G -2395		26 11 47 N	080 11 45 W	10-27-92 05-06-93	-- --	-- --	-9.98 -11.75
261147080114502	G -2396				10-27-92 05-06-93	-- --	-- --	-10.28 -11.97
261147080121301	G -2388		26 11 47 N	080 12 13 W	10-27-92 05-06-93	-- --	-- --	-13.65 -14.73
261147080121302	G -2389		26 11 47 N	080 12 13 W	10-27-92 05-06-93	-- --	-- --	-14.53 -15.15
261150080094602	G -2275		26 11 50 N	080 09 46 W	10-27-92 05-06-93	-- --	-- --	3.67 3.09
261158080114301	G -2456		26 11 58 N	080 11 43 W	10-27-92 05-06-93	-- --	-- --	-11.49 -10.56
261158080114302	G -2457				10-27-92 05-06-93	-- --	-- --	-10.39 -11.34
261202080111602	G -2437		26 12 02 N	080 11 16 W	10-27-92 05-06-93	-- --	-- --	-4.32 -6.42
261207080103701	G -2433		26 12 07 N	080 10 37 W	10-27-92 05-06-93	-- --	-- --	2.04 0.80
261207080103702	G -2434				10-27-92 05-06-93	-- --	-- --	1.81 0.50
261207080103703	G -2435				10-27-92 05-06-93	-- --	-- --	1.80 0.65
261207080115701	G -2452		26 12 07 N	080 11 57 W	10-27-92 05-06-93	-- --	-- --	-11.04 -11.74
261207080115702	G -2453				10-27-92 05-06-93	-- --	-- --	-13.50 -14.22
261217080100401	G -2430		26 12 17 N	080 10 04 W	10-27-92	--	--	2.31
261217080100402	G -2431				10-27-92 05-06-93	-- --	-- --	4.30 4.31
261217080100403	G -2432				05-06-93	--	--	1.49

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
261217080111301	G -2405		26 12 17 N	080 11 13 W	10-27-92	--	--	1.10
					05-06-93	--	--	-0.21
261217080111302	G -2451				10-27-92	--	--	-3.13
					05-06-93	--	--	-4.78
261218080104301	G - 866		26 12 18 N	080 10 43 W	10-27-92	--	--	1.82
261224080093501	G -2427		26 12 24 N	080 09 35 W	10-27-92	--	--	4.37
					05-06-93	--	--	3.95
261224080093502	G -2428				10-27-92	--	--	4.16
					05-06-93	--	--	3.86
261224080093503	G -2429				10-27-92	--	--	3.66
					05-06-93	--	--	3.36
261232080141401	G -2359		26 12 32 N	080 14 14 W	10-27-92	--	--	6.79
					05-05-93	--	--	6.63
261232080141402	G -2359A				10-27-92	--	--	6.81
					05-05-93	--	--	6.64
261234080122102	G -2454		26 12 34 N	080 12 21 W	10-27-92	--	--	4.89
					05-06-93	--	--	4.76
261234080122103	G -2455				10-27-92	--	--	4.58
					05-06-93	--	--	4.37
261258080112901	G -2482		26 12 58 N	080 11 29 W	10-28-92	--	--	6.37
					05-05-93	--	--	5.95
261307080112001	G -2481		26 13 07 N	080 11 20 W	10-28-92	--	--	5.72
					05-05-93	--	--	5.53
261308080131201	G -2394		26 13 08 N	080 13 12 W	10-27-92	--	--	5.15
					05-05-93	--	--	5.04
261351080062501	G -2054		26 13 51 N	080 06 25 W	10-26-92	30000	10000	3.31
					01-28-93	29800	10000	3.80
					03-31-93	29500	10000	3.11
					04-26-93	30600	10000	2.83
					05-27-93	29900	11000	2.64
					08-24-93	30500	11000	3.48
261354080070201	G -2062		26 13 54 N	080 07 02 W	10-28-92	19700	6800	1.62
					01-28-93	14200	4800	2.55
					03-31-93	12700	4400	1.95
					04-26-93	11900	3900	1.62
					05-27-93	11800	3800	1.48
					08-24-93	14700	4900	1.43
261358080063801	G -2066		26 13 58 N	080 06 38 W	10-27-92	--	--	2.98
					11-03-92	--	--	4.52
					05-06-93	--	--	2.65
261358080071502	G -1558		26 13 58 N	080 07 15 W	10-27-92	--	--	2.85
261358080071502	G -1558		26 13 58 N	080 07 15 W	11-03-92	--	--	4.34
					05-06-93	--	--	2.89

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
261359080062302	G	-2055A	26 13 59 N	080 06 23 W	10-26-92	18400	6000	--
					01-28-93	15100	4900	--
					03-31-93	14800	4700	--
					04-26-93	16700	5600	--
					05-27-93	14500	4800	--
					08-24-93	14000	4500	--
261403080070801	G	-2149	26 14 03 N	080 07 08 W	10-26-92	1160	240	2.86
					01-28-93	928	200	3.87
					03-31-93	838	180	3.44
					04-26-93	932	180	2.96
					05-06-93	--	--	2.70
					05-27-93	914	170	2.28
					08-24-93	1180	260	2.44
261413080071401	G	-2065	26 14 13 N	080 07 14 W	10-27-92	--	--	2.64
					11-03-92	--	--	4.96
					05-06-93	--	--	3.39
261413080071402	G	-2447			10-26-92	694	56	--
					01-28-93	650	52	--
					03-31-93	580	48	--
					04-26-93	596	56	--
					05-27-93	594	48	--
					08-24-93	621	56	--
261419080065101	GP	-1351	26 14 19 N	080 06 51 W	10-27-92	--	--	3.13
					11-03-92	--	--	5.77
					05-06-93	--	--	3.34
261423080071503	G	-2344A	26 14 23 N	080 07 15 W	10-26-92	535	28	1.41
					10-27-92	--	--	1.29
					01-28-93	564	28	4.13
					03-31-93	554	26	4.22
					04-26-93	623	28	3.35
					05-06-93	--	--	3.21
					05-27-93	577	22	-0.17
					08-24-93	426	29	6.18
261423080071504	G	-2344B			10-27-92	--	--	1.30
					11-03-92	--	--	5.71
					05-06-93	--	--	3.24
261427080064001	G	-2479	26 14 27 N	080 06 40 W	10-27-92	--	--	3.35
					11-03-92	--	--	5.00
					05-06-93	--	--	2.61
261427080064002	G	-2480			10-26-92	602	76	3.44
					10-27-92	--	--	3.29
					01-28-93	625	80	4.27
					04-01-93	595	72	3.93
					04-26-93	729	77	3.12
					05-06-93	--	--	2.89
					05-27-93	647	82	2.24
					08-24-93	599	74	2.58
261436080071601	GP	-1357	26 14 36 N	080 07 16 W	10-27-92	--	--	2.57
					11-03-92	--	--	5.91
					05-06-93	--	--	3.15

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
261446080062801	G	-2445	26 14 46 N	080 06 28 W	10-28-92	1390	320	--
					01-28-93	1450	310	--
					03-31-93	1460	320	--
					08-24-93	1560	290	--
261446080071601	GP	-1355	26 14 58 N	080 07 14 W	11-03-92	--	--	5.67
261450080080002	G	-2274A	26 14 50 N	080 08 00 W	11-03-92	--	--	6.67
261458080070301	G	-2148	26 14 58 N	080 07 03 W	10-27-92	--	--	1.87
					11-03-92	--	--	5.65
					05-06-93	--	--	2.59
261501080145101	G	-2486	26 15 01 N	080 14 51 W	10-28-92	--	--	6.97
					05-05-93	--	--	5.93
261517080065601	GP	-1353	26 15 17 N	080 06 56 W	10-27-92	--	--	4.16
261525080165101	G	-2485	26 15 25 N	080 16 51 W	10-28-92	--	--	6.58
261525080165101	G	-2485	26 15 25 N	080 16 51 W	05-05-93	--	--	6.80
261541080112701	G	-2475	26 15 41 N	080 11 27 W	10-28-92	--	--	9.07
					05-05-93	--	--	8.85
261544080062401	G	-2072	26 15 44 N	080 06 24 W	10-27-92	--	--	3.17
					11-03-92	--	--	5.47
					05-06-93	--	--	3.19
261544080062403	G	-2278			10-28-92	376	10	3.80
					01-28-93	248	38	5.79
					03-31-93	330	26	5.11
261622080151601	G	-2484	26 16 22 N	080 15 16 W	10-28-92	--	--	6.38
					05-05-93	--	--	6.90
261714080130101	G	-2483	26 17 14 N	080 13 01 W	10-28-92	--	--	10.46
					05-05-93	--	--	10.69
261726080054101	G	-2255	26 17 26 N	080 05 41 W	10-28-92	42600	16000	--
					11-24-92	43100	15000	--
					12-22-92	42300	15000	--
					01-28-93	42600	16000	--
					02-25-93	43100	15000	--
					04-01-93	43000	16000	--
					04-26-93	43000	15000	--
					05-06-93	43600	16000	--
					05-27-93	43100	16000	--
					06-23-93	43300	16000	--
261729080061801	G	-2247	26 17 29 N	080 06 18 W	11-03-92	--	--	2.43
					05-06-93	--	--	0.78
261732080055201	G	-2253	26 17 32 N	080 05 52 W	10-27-92	--	--	3.93
					11-03-92	--	--	4.73
					05-06-93	--	--	3.83
261732080061201	G	-2249	26 17 32 N	080 06 12 W	10-27-92	--	--	9.04
261735080062701	G	-2272	26 17 35 N	080 06 27 W	10-27-92	--	--	1.07
					11-03-92	--	--	2.03
					05-06-93	--	--	0.36
261737080064001	G	-2250	26 17 37 N	080 06 40 W	10-27-92	--	--	1.71

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
261743080071201	G -2273		26 17 43 N	080 07 12 W	10-27-92 11-03-92	-- --	-- --	3.15 5.23
261746080060401	G -2252		26 17 46 N	080 06 04 W	05-06-93 10-27-92	-- --	-- --	3.66 3.15
261747080061801	G -2246		26 17 47 N	080 06 18 W	10-27-92 11-03-92 05-06-93	-- -- --	-- -- --	2.73 4.33 2.85
261748080074801	G -2713		26 17 48 N	080 07 48 W	01-08-93 03-31-93 06-23-93 08-24-93	-- -- -- 406	-- -- -- 16	7.71 6.92 4.75 5.05
261814080054601	G -2060		26 18 14 N	080 05 46 W	10-28-92	1180	340	0.94
261815080082001	G -2721		26 18 12 N	080 08 21 W	10-27-92 01-06-93 03-31-93 06-23-93 08-25-93	-- -- -- -- 619	-- -- -- -- 22	7.81 9.65 9.13 7.65 8.10
261821080073501	G -2704		26 18 17 N	080 07 36 W	02-25-93 03-31-93 04-28-93 06-03-93 06-22-93 07-23-93 08-23-93 09-28-93	-- -- -- -- -- -- 692 --	-- -- -- -- -- -- 40 --	0.68 9.57 1.08 -2.73 -2.68 -2.60 -2.32 2.69
261825080073401	G -2723		26 18 20 N	080 07 35 W	11-02-92 01-06-93 02-25-93 03-30-93 04-28-93 06-03-93 06-22-93	-- -- -- -- -- -- --	-- -- -- -- -- -- --	2.30 4.71 1.37 3.42 1.04 -1.39 -1.12
261825080073401	G -2723		26 18 20 N	080 07 35 W	07-23-93 08-23-93 09-28-93	-- 273 --	-- 12 --	-1.26 -1.22 2.44
261828080090501	G -2722		26 18 32 N	080 09 04 W	10-27-92 11-19-92 01-06-93 03-31-93 06-23-93 08-25-93	-- -- -- -- -- 666	-- -- -- -- -- 40	8.87 10.99 10.57 10.01 8.65 9.55
261834080061901	G -1272		26 18 34 N	080 06 19 W	10-30-92 05-06-93	460 524	42 26	-0.44 -0.16
261837080080401	G -2708		26 18 37 N	080 08 08 W	01-08-93 03-31-93 06-22-93 08-25-93	-- -- -- 286	-- -- -- 14	9.94 9.57 8.02 8.40
261837080130501	G -2156		26 18 37 N	080 13 05 W	10-28-92 05-05-93	-- --	-- --	11.04 11.05
261837080130502	G -2156A				10-28-92	--	--	11.19

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
261849080082301	G -2726		26 18 49 N	080 08 30 W	11-02-92	--	--	8.09
					01-06-93	--	--	9.83
					03-31-93	--	--	9.52
					08-25-93	434	18	8.40
261850080074701	G -2714		26 18 50 N	080 07 47 W	10-28-92	--	--	7.74
					01-06-93	--	--	9.34
					03-31-93	--	--	9.07
261856080072901	G -2738		26 18 56 N	080 07 29 W	11-02-92	--	--	1.75
					01-06-93	--	--	3.64
					03-31-93	--	--	5.04
					06-22-93	--	--	2.50
					08-24-93	651	30	2.23
261906080061101	G -2257		26 19 06 N	080 06 11 W	10-25-92	600	32	3.84
					05-06-93	501	28	2.22
261914080060701	G -1228		26 19 14 N	080 06 07 W	10-30-92	425	30	0.80
261914080060801	G -2256		26 19 14 N	080 06 08 W	10-30-92	338	18	1.98
					05-06-93	446	36	2.24
261914080060802	G -2259				10-30-92	272	10	2.06
					05-06-93	340	16	2.39
261938080100802	G -2853		26 19 38 N	080 10 08 W	11-26-92	--	--	10.47
					03-18-93	--	--	7.19
					04-27-93	--	--	7.58
					05-06-93	--	--	7.05
					09-14-93	--	--	7.72

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
BROWARD COUNTY

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Charlotte County

WATER RESOURCES DATA FOR FLORIDA, 1993
VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 5
CHARLOTTE COUNTY

Index Number	Site Number	Well Name	Page Number
1	265004081581901	CH 311	148

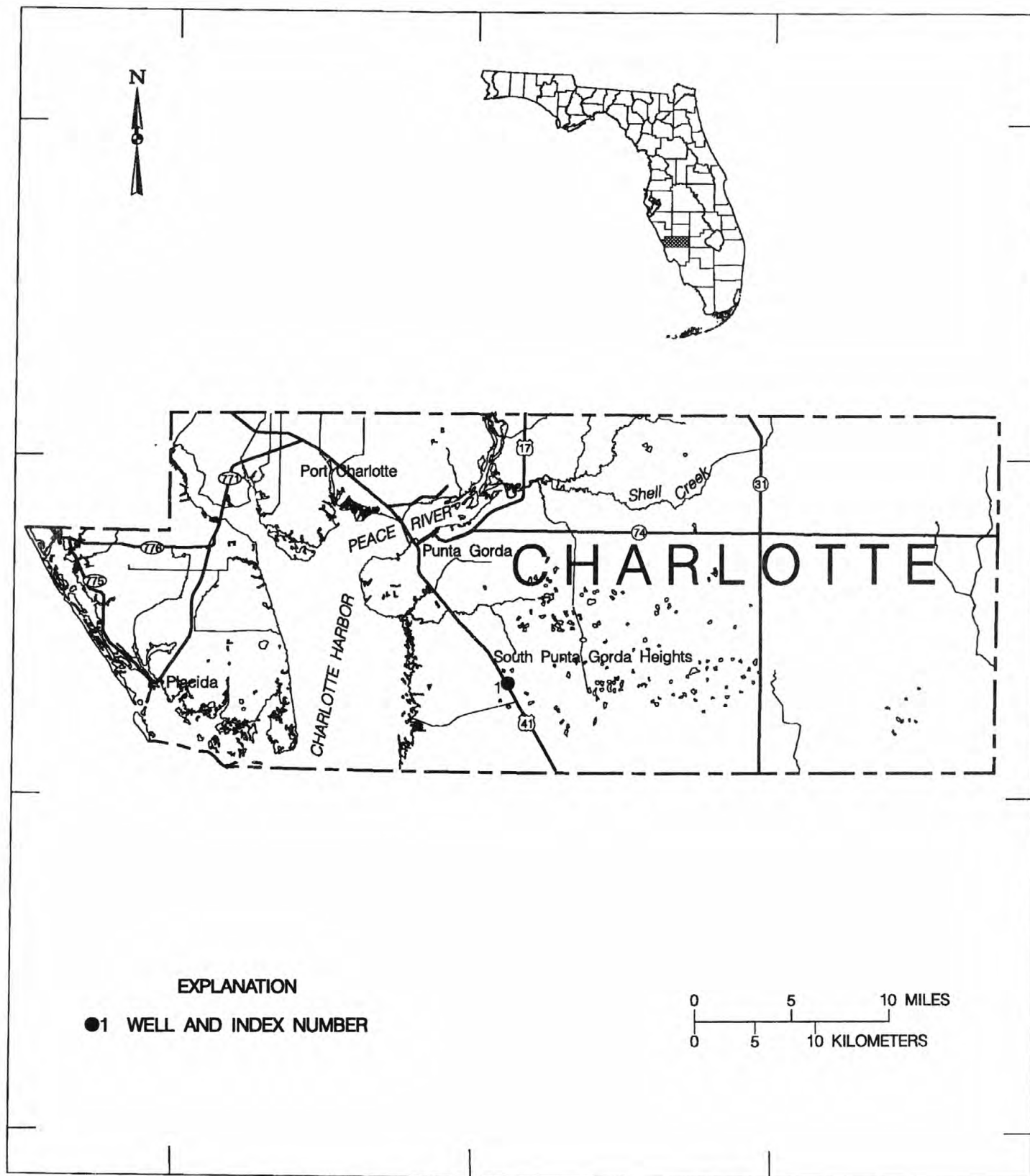


Figure 5: Location of wells in Charlotte County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

CHARLOTTEE COUNTY

WELL NUMBER.--265004081581901. LOCAL NUMBER CH 311.

LOCATION.-- Lat 26°50'04", long 81°58'19", in sec.12, T.42S., R.23E., Hydrologic Unit 03100103, 2.8 mi north of Zamel Road, west of U.S. Highway 41, at the Division of Forestry Fire Control Headquarters.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age,Geologic Unit 122 HTRNN

WELL CHARACTERISTICS.--Drilled, observation well, diameter 4 in., depth 220 ft, cased to 180 ft, open hole 180 to 220 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.-- Land-surface datum is 24.8 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. by 3/4 in. PVC bushing, 2.56 ft above land-surface datum.

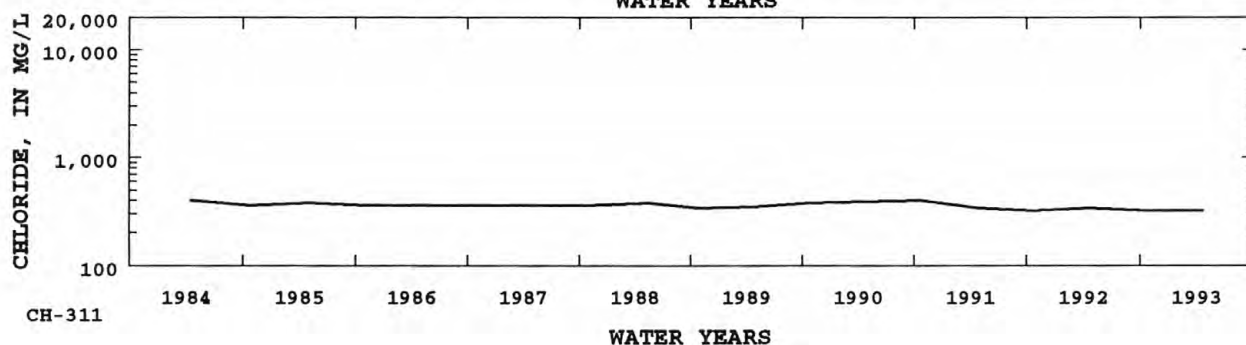
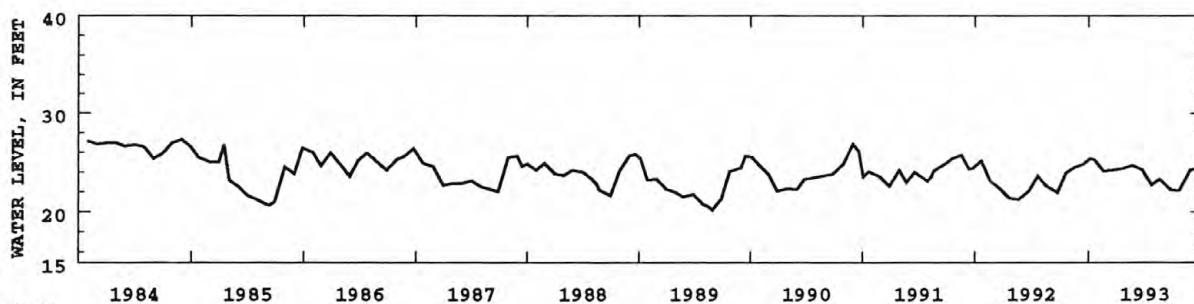
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1973 to current year. Records of water levels prior to October 1991 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.89 ft NGVD; Mar. 5, 1973; lowest measured, 20.19 ft NGVD, May 30, 1989.

265004081581901 - CH - 311

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	0915	--	--	25.33	23...	1240	1660	320	22.67
20...	1425	1580	320	25.28	MAY				
NOV					17...	1315	--	--	23.29
17...	1115	--	--	24.12	JUN				
DEC					23...	0830	--	--	22.20
15...	1020	--	--	24.19	JUL				
JAN					21...	1230	--	--	22.09
20...	1155	--	--	24.39	AUG				
FEB					24...	1000	--	--	24.26
19...	0945	--	--	24.67	SEP				
MAR					13...	1020	--	--	24.35
23...	1140	--	--	24.28					



Collier County

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Key to site locations on figure #6

COLLIER COUNTY

Index Number	Site Number	Well Name	Page Number	Index Number	Site Number	Well Name	Page Number
1	246858081231601	C 39	152	64	253721081351303	C 971	240
2	253000080520001	C 54	189	65	252843081324202	C 972	175
3	253003081475801	C 123	187	66	252843081324201	C 973	174
4	252902081480401	C 130	176	67	252941081324201	C 974	184
5	254521081161901	C 131	267	68	252304081391401	C 975	162
6	253023081470701	C 161	190	69	252915081385901	C 976	178
7	254505081245301	C 258	264	70	252915081385902	C 977	179
8	252640081204301	C 296	171	71	254121081355501	C 978	253
9	254507081235201	C 298	265	72	254121081355503	C 979	255
10	253621081412302	C 303	238	73	253343081384801	C 980	216
11	253630081360001	C 304	239	74	254158081283401	C 981	258
12	247430081221001	C 311	153	75	254158081283403	C 982	260
13	253435081472501	C 321	225	76	254158081283402	C 983	259
14	254555081242501	C 363	269	77	253733081285501	C 984	241
15	253620081450701	C 384	236	78	253733081285503	C 985	243
16	253124081470301	C 391	200	79	253200081204901	C 986	205
17	253124081470101	C 392	199	80	252309081272601	C 987	163
18	253024081480101	C 409A	192	81	253444081284901	C 988	227
19	253024081480102	C 409	191	82	253733081285502	C 989	242
20	253524081480401	C 424	230	83	247703081213801	C 995	156
21	253146081460701	C 430	202	84	252908081411201	C 996	177
22	253401081461401	C 458	222	85	253530081412001	C 997	231
23	253405081465501	C 460	223	86	253620081450201	C 998	235
24	254724081260701	C 462	271	87	253508081484902	C 999	229
25	252925081475201	C 472A	183	88	253103081474902	C 1000	194
27	253114081482301	C 474A	195	89	253116081480303	C 1001	197
26	253114081482302	C 474	196	90	253241081465401	C 1002	209
28	253302081473901	C 489	215	91	253436081480301	C 1003	226
29	253243081480301	C 490	213	92	253620081464401	C 1004	237
30	253117081480101	C 491	198	93	253233081480202	C 1026	208
31	254228081361901	C 492	262	94	252919081460501	C 1052	180
32	247748081181801	C 495	157	95	252919081460502	C 1053	181
33	252111081243901	C 496	158	96	253127081461001	C 1054	201
34	253741081235401	C 503	247	97	253211081441301	C 1055	206
35	253233081480201	C 506A	207	98	253537081461201	C 1057	232
36	253346081480201	C 515	218	99	253537081461202	C 1058	233
37	253156081475801	C 516	204	100	253604081480901	C 1059	234
38	252948081483301	C 524	185	101	253459081480401	C 1060	228
39	253002081483701	C 525	186	102	253311081480101	C 1061	212
40	253018081484101	C 526	188	103	252925081475101	C 1062	182
41	253048081484801	C 527	193	104	252137081375901	C 1063	159
42	253200081483001	C 528	203	105	252137081375902	C 1064	160
43	254859081273001	C 531	275	106	247637081281401	C 1065	154
44	254859081273002	C 532	276	107	247637081281402	C 1066	155
45	253438081481001	C 575	214	108	252314081323101	C 1067	164
46	253417081305402	C 598	224	109	252314081323102	C 1068	165
47	252630081411401	C 599	170	110	252813081214301	C 1069	172
48	252549081441901	C 600	168	111	252813081214302	C 1070	173
49	253740081235401	C 684	244	112	253823081171901	C 1071	251
50	254554081283801	C 687	268	113	253823081171902	C 1072	252
51	253802081354801	C 688	248	114	253740081235403	C 1073	246
52	253740081235402	C 689	245	115	254519081162102	C 1074	266
53	252632081324702	C 690	169	116	254822081213201	C 1075	272
54	253347081351701	C 948	221	117	254822081213202	C 1076	273
55	253347081351202	C 951	220	118	254822081213203	C 1077	274
56	253347081351201	C 953	219	119	254558081270501	C 1078	270
57	253343081384802	C 956	217	120	254158081283404	C 1079	261
58	254121081355502	C 963	254	121	254228081361902	C 1080	263
59	254136081204202	C 965	257	122	253805081473301	C 1082	249
60	254136081204201	C 966	256	123	253805081473302	C 1083	250
61	252540081430601	C 967	167	124	253246081460201	C 1085	211
62	252334081391601	C 968	166	125	253246081460101	C 1086	210
63	252238081401401	C 969	161				

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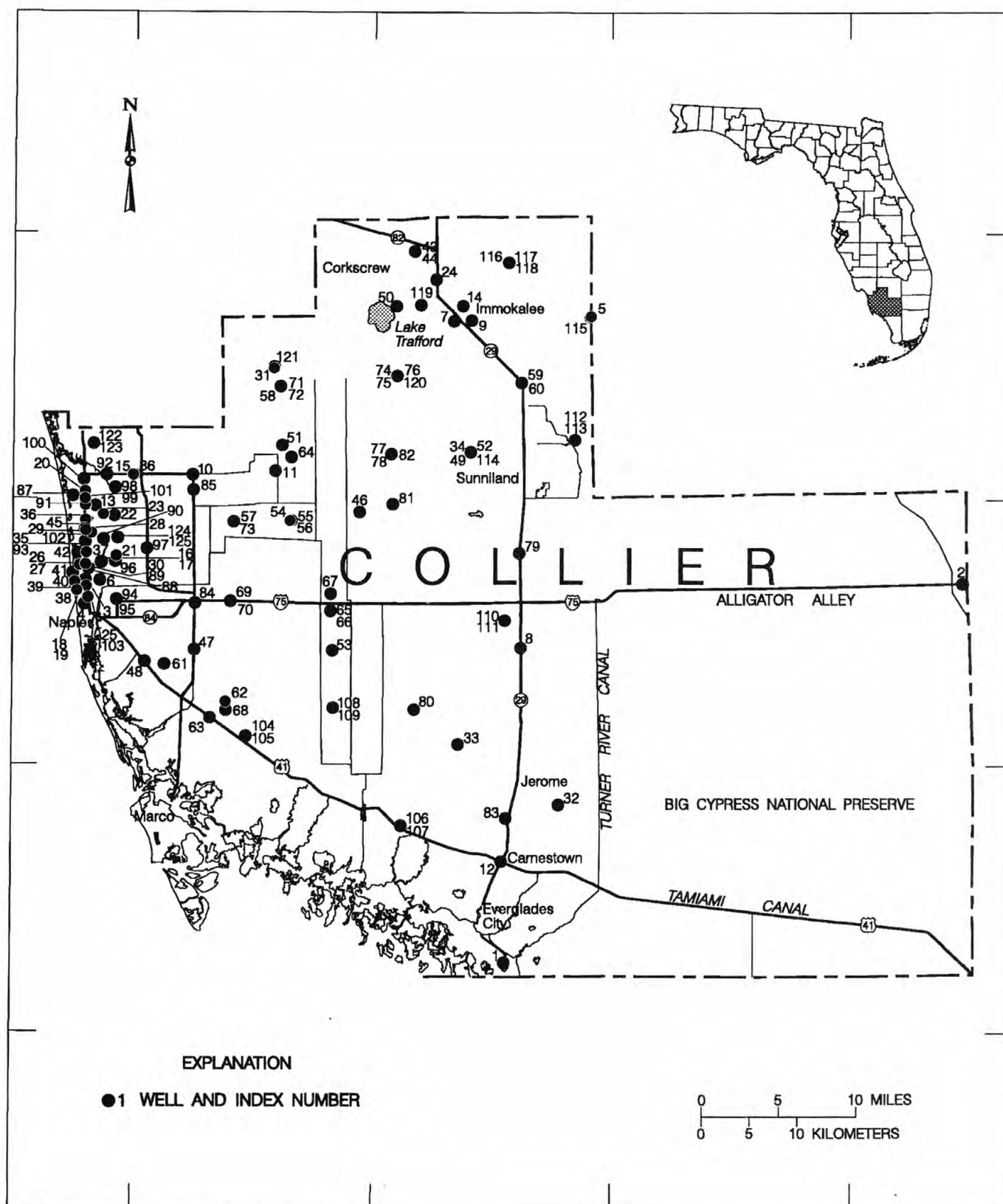


Figure 6: Location of wells in Collier County

COLLIER COUNTY

WELL NUMBER.--254858081231601. Local Number C 39.

LOCATION.--Lat 25°48'50", long 81°21'47", in sec.36, T.53 S., R.29 E., Hydrologic Unit 03090204, 110 ft southeast of Hamilton Fish Company, 0.25 mi west of Chokoloskee Post Office and 3 mi south of Everglades City on State Road 29.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 5 in., depth 484 ft, cased to 436 ft, open hole 436 to 484 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 5.22 ft above National Geodetic Vertical Datum of 1929. Prior to October 1992 land-surface datum was considered to be 10.00 ft above NGVD. Measuring point: Top of 6 in. gate valve, 2.00 ft above land-surface datum. See PERIOD OF RECORD.

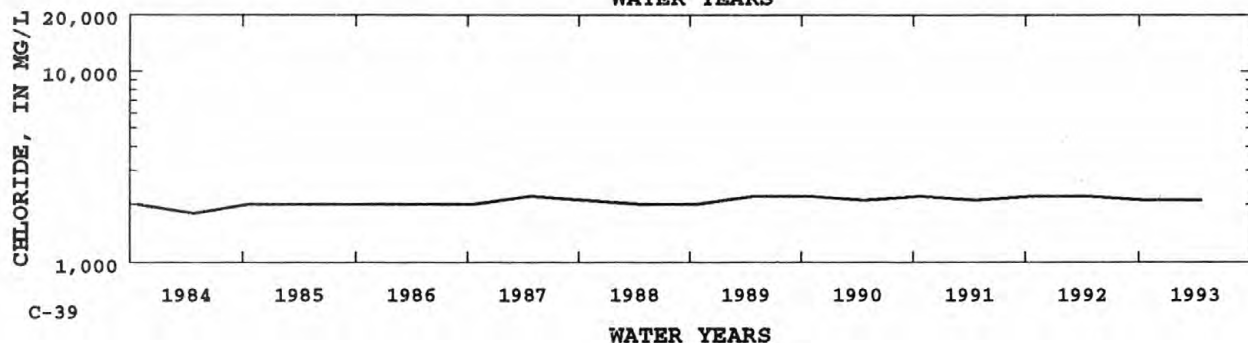
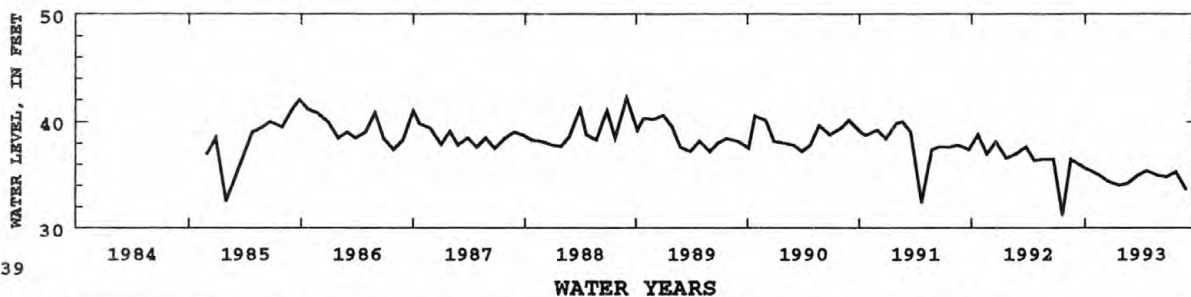
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--1949 to current year. Records of water levels prior to October 1984 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD, prior to October 1992 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.2 ft NGVD, Aug. 16, 1949, Oct. 25, 1983; lowest measured, 26.4 ft NGVD, July 20, 1992 (corrected).

254858081231601 - C - 39

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-	ABOVE			CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
		ANCE	(MG/L				ANCE	(MG/L	
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
05...	0900	--	--	35.60	19...	1230	7510	2100	35.40
19...	1005	7480	2100	35.40	MAY				
NOV					20...	1300	--	--	35.00
16...	1050	--	--	35.00	JUN				
DEC					22...	1015	--	--	34.80
14...	1130	--	--	34.40	JUL				
JAN					21...	1100	--	--	35.30
19...	0950	--	--	34.00	AUG				
FEB					23...	1005	--	--	33.60
16...	1015	--	--	34.20					
MAR									
22...	1030	--	--	35.00					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

153

WELL NUMBER.--255430081221001. Local Number C 311.

LOCATION.--Lat 25°54'38", long.81°21'54", in NW1/4SE1/4 sec.25, T.52 S., R.29 E., Hydrologic Unit 03090204, 20 ft south of U.S. Highway 41, 3 mi south of Copeland and 4 mi west of Ochopee. Owner: Collier Corp.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 450 ft, cased to 430 ft, open hole 430 to 450 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 4.94 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 1 1/2 in. elbow, 2.82 ft above land-surface datum.

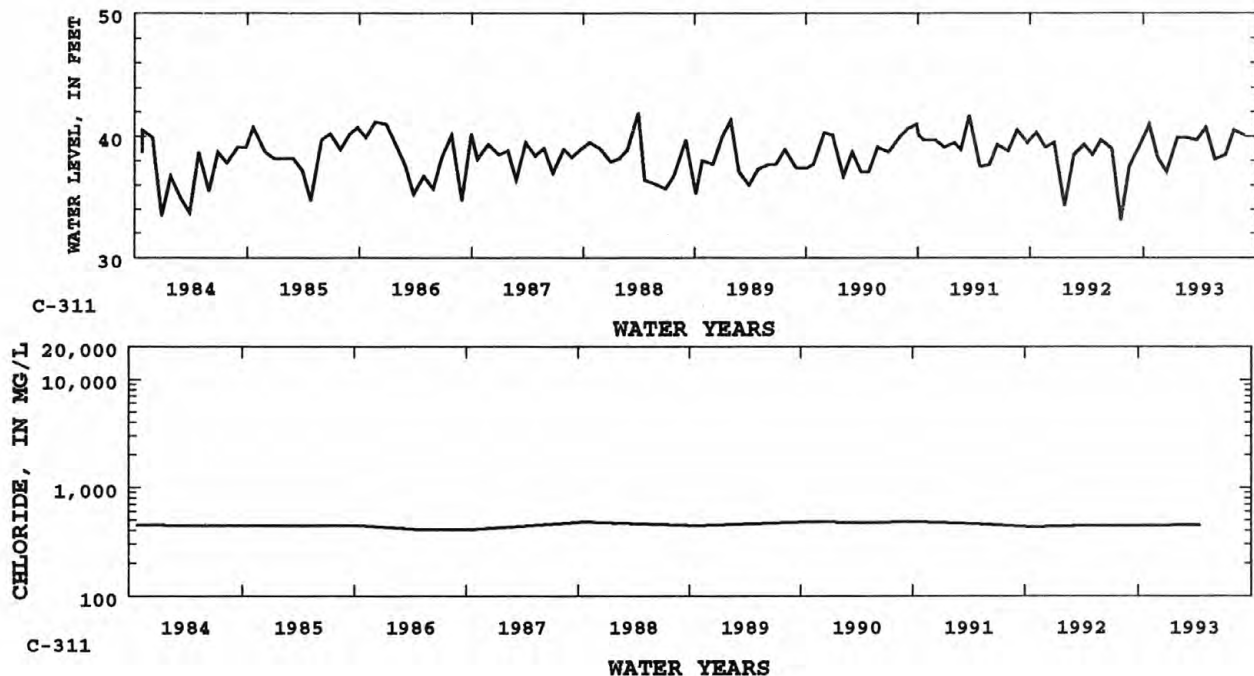
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1959 to current year. Records of water levels prior to October 1982 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.9 ft NGVD, Mar. 31, 1988; lowest measured, 31.9 ft NGVD, Aug. 29, 1983.

255430081221001 - C - 311

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0845	--	--	40.10	19...	1200	2340	450	40.70
19...	0930	2370	440	41.00	MAY				
NOV					20...	1250	--	--	38.10
16...	1025	--	--	38.30	JUN				
DEC					22...	1005	--	--	38.50
14...	1115	--	--	37.10	JUL				
JAN					21...	1040	--	--	40.50
19...	0930	--	--	39.90	AUG				
FEB					23...	1040	--	--	40.10
16...	0950	--	--	39.90					
MAR									
22...	1015	--	--	39.70					



COLLIER COUNTY

WELL NUMBER.--255637081281401. Local Number C 1065.

LOCATION.--Lat 25°56'37", long 81°28'14", in SW1/4NW1/4 sec.13, T.52 S., R.28 E., Hydrologic Unit 03090204, 1,000 ft northwest of U.S. Highway 41 at Big Cypress Bend Indian Reservation, 6.7 mi northwest of State Road 29 on U.S. Highway 41, 24 mi southeast of Naples on U.S. Highway 41. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 50 ft, cased to 27 ft, 23 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 3.47 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 3.48 ft above land-surface datum (corrected).

REMARKS.--Well also sampled for water quality.

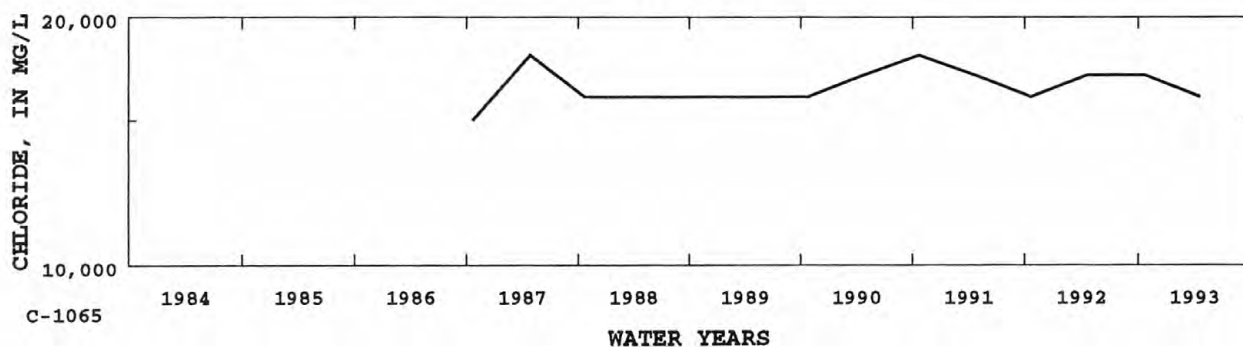
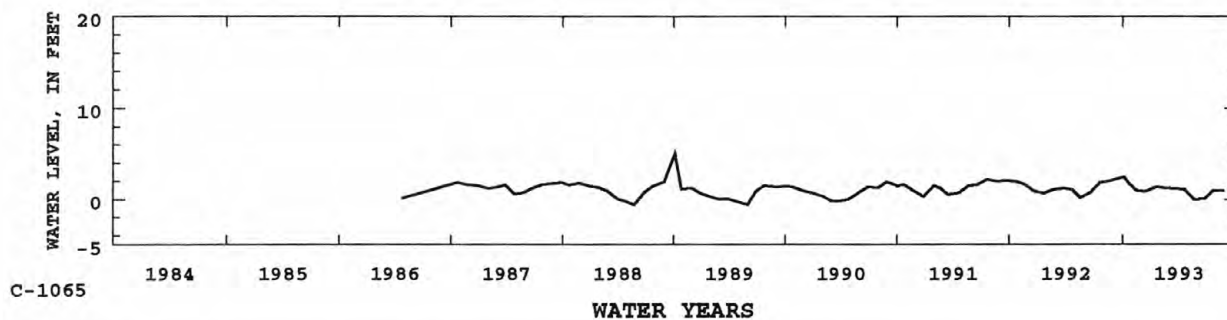
PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.05 ft NGVD, Oct. 5, 1989; lowest measured, 0.60 ft below NGVD, May 31, 1989.

255637081281401 - C -1065

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	0930	--	--	2.47	19...	1315	45900	16000	1.08
23...	1030	46200	17000	1.72	MAY				
NOV					20...	1235	--	--	-0.02
16...	1120	--	--	0.97	JUN				
DEC					22...	1030	--	--	0.05
14...	1145	--	--	0.85	JUL				
JAN					21...	1115	--	--	0.91
19...	1030	--	--	1.32	AUG				
FEB					23...	1045	--	--	0.93
16...	1045	--	--	1.25					
MAR									
22...	1110	--	--	1.14					



COLLIER COUNTY

WELL NUMBER.--255637081281402. Local Number C 1066.

LOCATION.--Lat 25°56'37", long 81°28'14", in SW1/4NW1/4 sec.13, T.52 S., R.28 E., Hydrologic Unit 03090204, 1,000 ft northwest of U.S. Highway 41 at Big Cypress Bend Indian Reservation, 6.7 mi northwest of State Road 29 on U.S. Highway 41, 24 mi southeast of Naples on U.S. Highway 41. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 180 ft, cased to 102 ft, 78 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 3.47 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 0.82 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

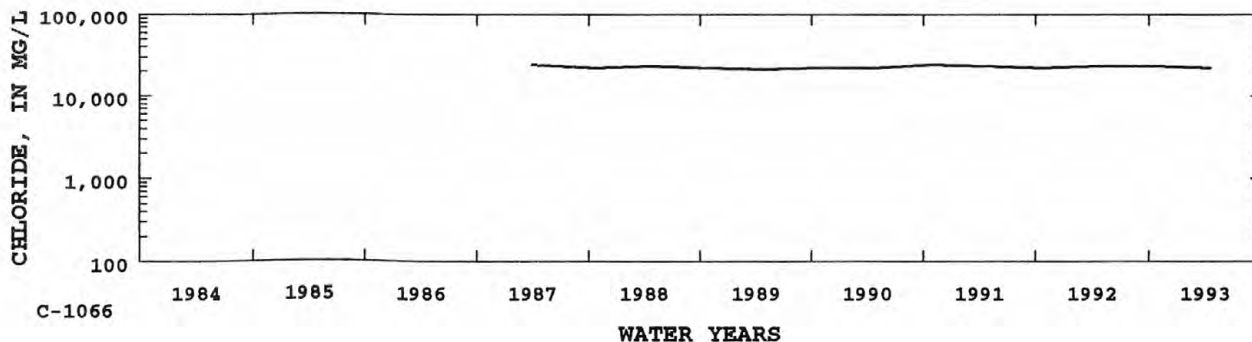
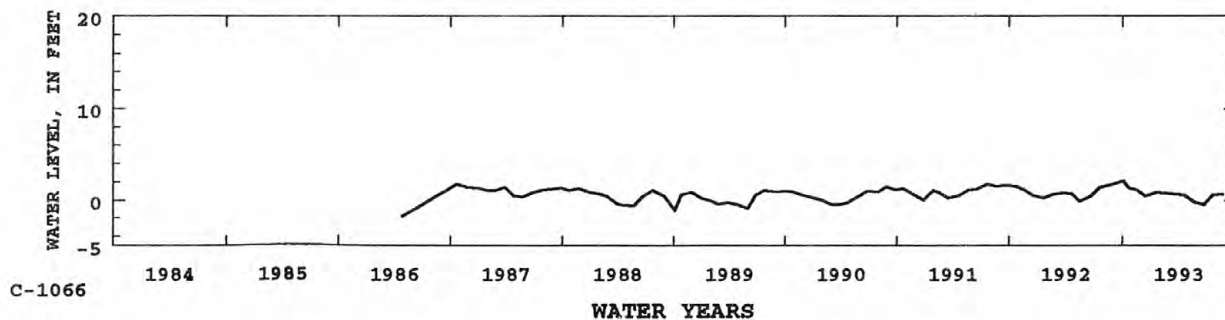
PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.14 ft NGVD, Oct. 5, 1992; lowest measured, 1.82 ft below NGVD, Apr. 24, 1986.

255637081281402 - C -1066

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	0935	--	--	2.14	19...	1320	60500	22000	0.62
23...	1025	60200	23000	1.34	MAY				
NOV					20...	1230	--	--	-0.15
16...	1125	--	--	1.16	JUN				
DEC					22...	1030	--	--	-0.44
14...	1145	--	--	0.48	JUL				
JAN					21...	1120	--	--	0.56
19...	1030	--	--	0.87	AUG				
FEB					23...	1050	--	--	0.65
16...	1045	--	--	0.80					
MAR									
22...	1110	--	--	0.66					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS COLLIER COUNTY

WELL NUMBER.--255703081213801. Local Number C 995.

LOCATION.--Lat 25°57'03", long 81°21'38", in SE1/4SE1/4 sec.12, T.52 S., R.29 E., Hydrologic Unit 03090204, in Department of Natural Resources pump house, 200 ft east of Janes Scenic Drive and 0.4 mi north of Copeland. Owner: Florida Department of Natural Resources.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 37 ft, cased to 28 ft, open hole 28 to 37 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.00 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 0.20 ft above land-surface datum, (corrected).

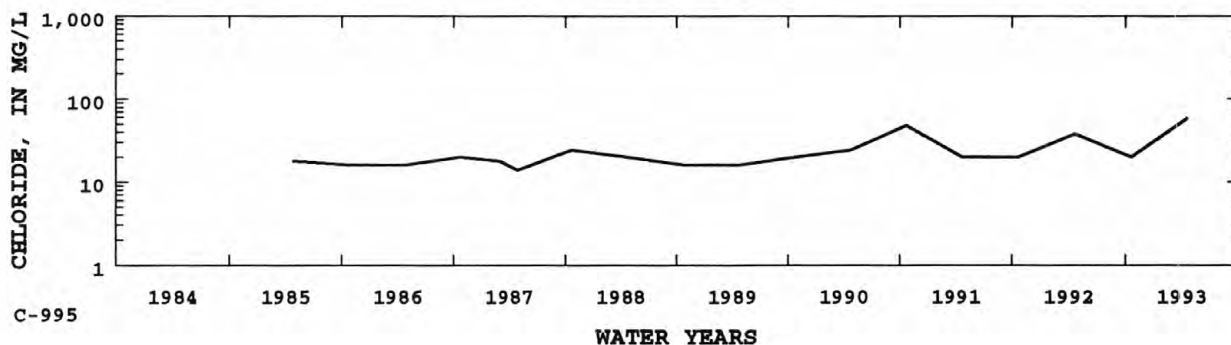
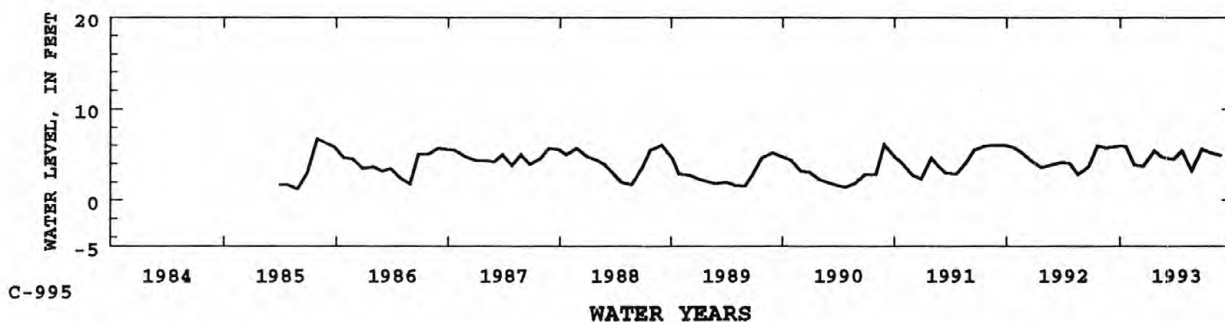
REMARKS.--Well also sampled for water quality. Replacement well for C 8.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.72 ft NGVD, July 30, 1985; lowest measured, 1.23 ft NGVD, May 28, 1985.

255703081213801 - C - 995

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	0955	--	--	5.99	19...	1400	601	58	5.41
19...	1030	412	20	5.89	MAY				
NOV					20...	1320	--	--	3.26
16...	1135	--	--	3.88	JUN				
DEC					22...	1040	--	--	5.60
14...	1200	--	--	3.70	JUL				
JAN					21...	1130	--	--	5.18
19...	1050	--	--	5.42	AUG				
FEB					23...	1105	--	--	4.91
16...	1105	--	--	4.71					
MAR									
22...	1135	--	--	4.50					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

157

WELL NUMBER.--255748081181801. Local Number C 495.

LOCATION.--Lat 25°57'53", long 81°18'43", in NE1/4NE1/4 sec.9, T.52 S., R.30 E., Hydrologic Unit 03090204, 25 ft south of County Road 837, 50 ft west of State Road 84, 2.6 mi east of State Road 29, and 4.4 mi north of Ochopee. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 70 ft, cased to 8 ft, open hole 8 to 70 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.58 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.50 ft above land-surface datum.

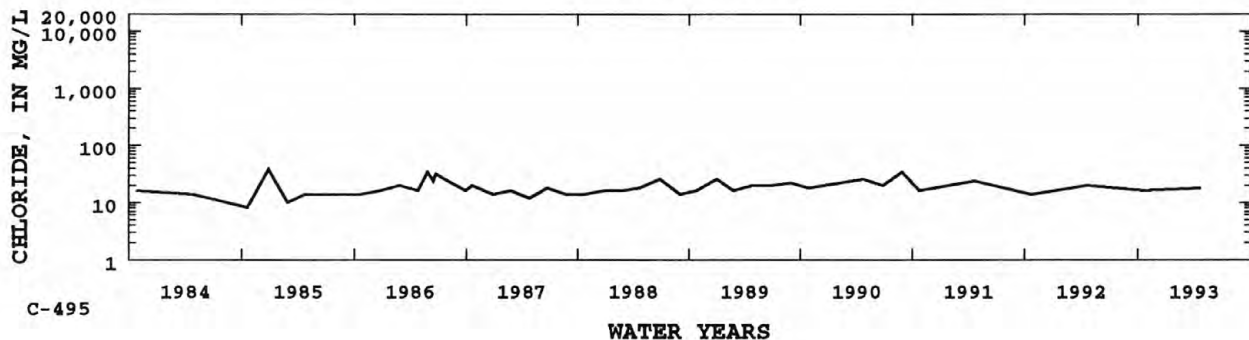
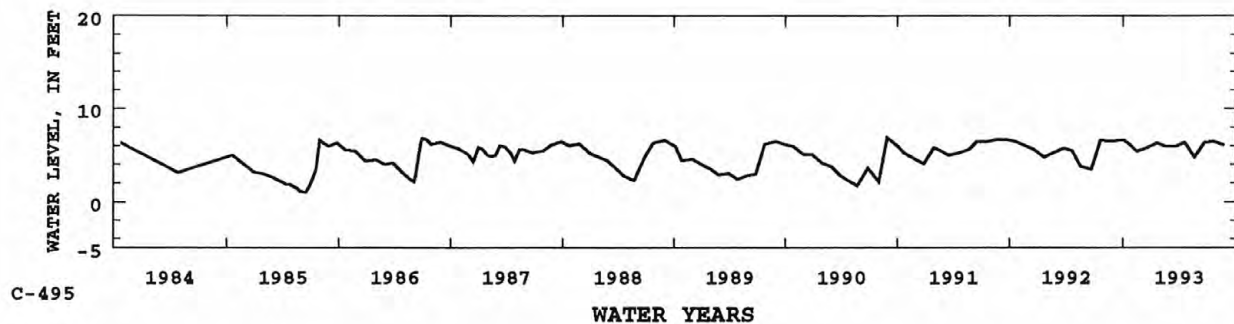
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1971 to September 1984 (daily), October 1984 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.34 ft NGVD, Sept. 4, 1983; lowest measured, 0.98 ft NGVD, June 14, 1985.

255748081181801 - C - 495

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					APR				
05...	0835	--	--	6.57	19...	1145	424	18	6.39
19...	0915	370	16	6.24	MAY				
NOV					20...	1135	--	--	4.74
16...	1015	--	--	5.40	JUN				
DEC					22...	0945	--	--	6.37
14...	1105	--	--	5.74	JUL				
JAN					21...	1030	--	--	6.44
19...	0920	--	--	6.33	AUG				
FEB					23...	0935	--	--	6.10
16...	0950	--	--	5.98					
MAR									
22...	1005	--	--	5.96					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260111081243901. Local Number C 496.

LOCATION.--Lat 26°00'23", long 81°24'39", in NE1/4NE1/4 sec.28, T.51 S., R.29 E., Hydrologic Unit 03090204, east of Janes Scenic Drive, 7.1 mi northwest of Copeland and 6.4 mi northwest of fire lookout tower. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 57 ft, cased to 8 ft, open hole 8 to 57 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.82 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1982 land-surface datum was considered to be 13.59 ft above NGVD. Measuring point: Top of recorder shelf, 1.03 ft above land-surface datum. See PERIOD OF RECORD.

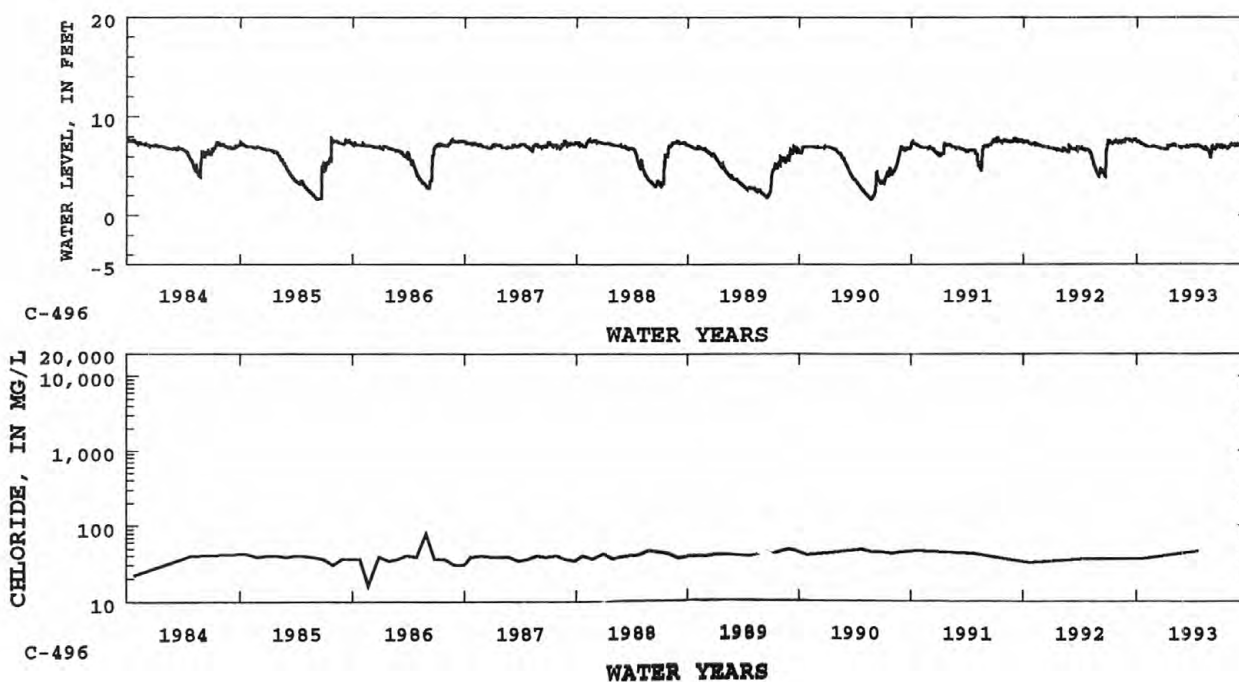
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1971 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water level as elevation, in feet NGVD, prior to October 1, 1982 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.87 ft NGVD, July 8-9, 1991; lowest, 1.61 ft NGVD, June 9, 1985.

STATION NUMBER 260111081243901 C - 496
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.52	6.98	6.89	6.71	7.04	6.94	7.02	6.72	6.79	6.88	7.13	7.43
10	7.38	6.96	6.85	7.05	6.98	6.88	6.99	6.86	6.83	6.93	7.08	7.33
15	7.25	6.97	6.81	6.93	6.96	6.90	6.98	6.70	7.00	6.89	7.11	7.34
20	7.18	7.03	6.76	7.05	6.85	6.97	7.00	6.50	7.09	6.78	7.24	7.30
25	7.10	7.01	6.73	7.08	6.94	7.07	6.88	6.02	7.07	6.90	7.22	7.20
EOM	7.02	6.95	6.68	7.12	6.96	7.02	6.82	6.92	6.95	7.14	7.43	7.26
MEAN	7.27	6.98	6.80	6.98	6.97	6.97	6.97	6.58	6.95	6.93	7.17	7.32
MAX	7.53	7.03	6.93	7.23	7.10	7.09	7.06	6.92	7.14	7.14	7.43	7.45
MIN	7.02	6.95	6.68	6.69	6.84	6.85	6.82	5.78	6.73	6.78	7.08	7.15
CAL YR 1992	MEAN 6.72	MAX 7.75	MIN 3.94									
WTR YR 1993	MEAN 6.99	MAX 7.53	MIN 5.78									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

159

WELL NUMBER.--260137081375901. Local Number C 1063.

LOCATION.--Lat 26°01'37", long 81°37'59", in NE1/4SW1/4 sec.17, T.51 S., R.27 E., Hydrologic Unit 03090204, 0.45 mi northeast on Hamilton Road to end and 50 ft northwest of Hamilton Road, 4.95 mi southeast on U.S. Highway 41 from State Road 951, 9.0 mi southeast of Collier County Government Center. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 55 ft, cased to 30 ft, 25 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.08 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 3.50 ft above land-surface datum.

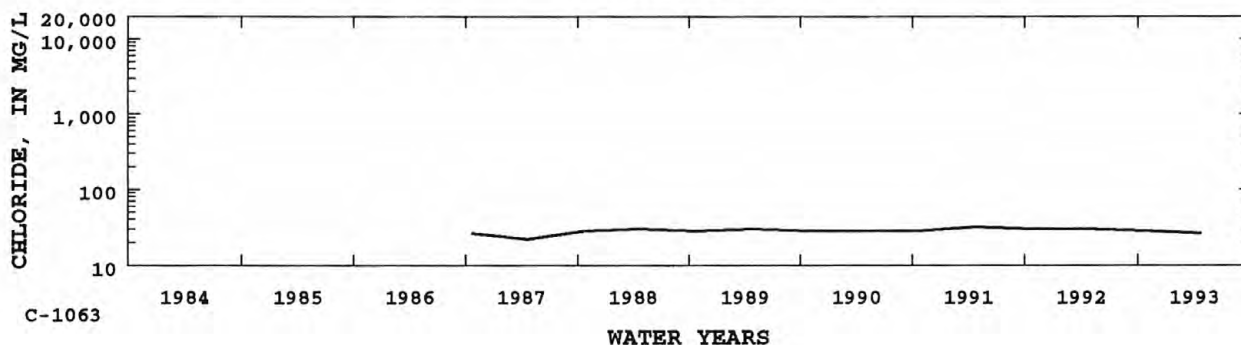
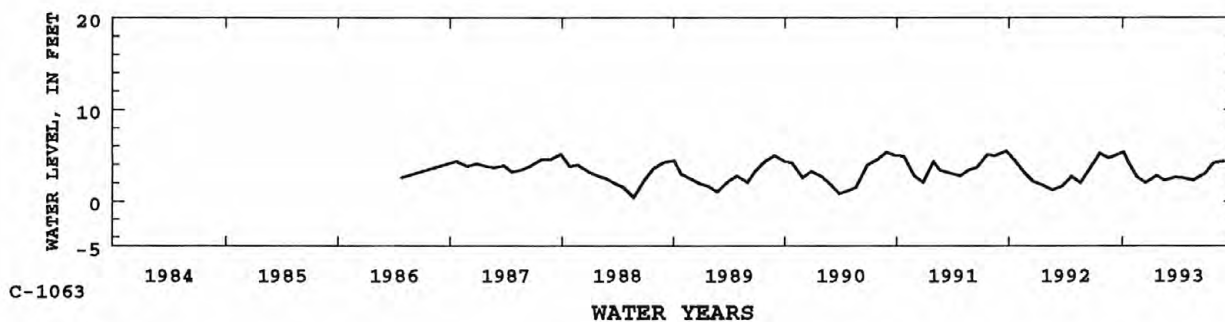
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.49 ft NGVD, Sept. 23, 1991; lowest measured, 0.36 ft NGVD, May 24, 1988.

260137081375901 - C -1063

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS CL	NGVD			SOLVED	AS CL	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
OCT					APR				
05...	1420	--	--	5.33	22...	1120	536	26	2.48
23...	1100	551	28	4.14	MAY				
NOV					18...	1235	--	--	2.29
16...	1055	--	--	2.65	JUN				
DEC					25...	0715	--	--	3.01
16...	1200	--	--	1.97	JUL				
JAN					22...	1140	--	--	4.13
20...	1305	--	--	2.77	AUG				
FEB					26...	1140	--	--	4.38
16...	1355	--	--	2.25					
MAR									
22...	1115	--	--	2.59					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260137081375902. Local Number C 1064.

LOCATION.--Lat 26°01'37", long 81°37'59", in NE1/4SW1/4 sec.17, T.51 S., R.27 E., Hydrologic Unit 03090204, 0.45 mi northeast on Hamilton Road to end and 50 ft northwest of Hamilton Road, 4.95 mi southeast on U.S. Highway 41 from State Road 951, 9.0 mi southeast of Collier County Government Center. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 4 in., depth 120 ft, cased to 84 ft, 36 ft of open hole.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.08 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf 3.99 ft above land-surface datum.

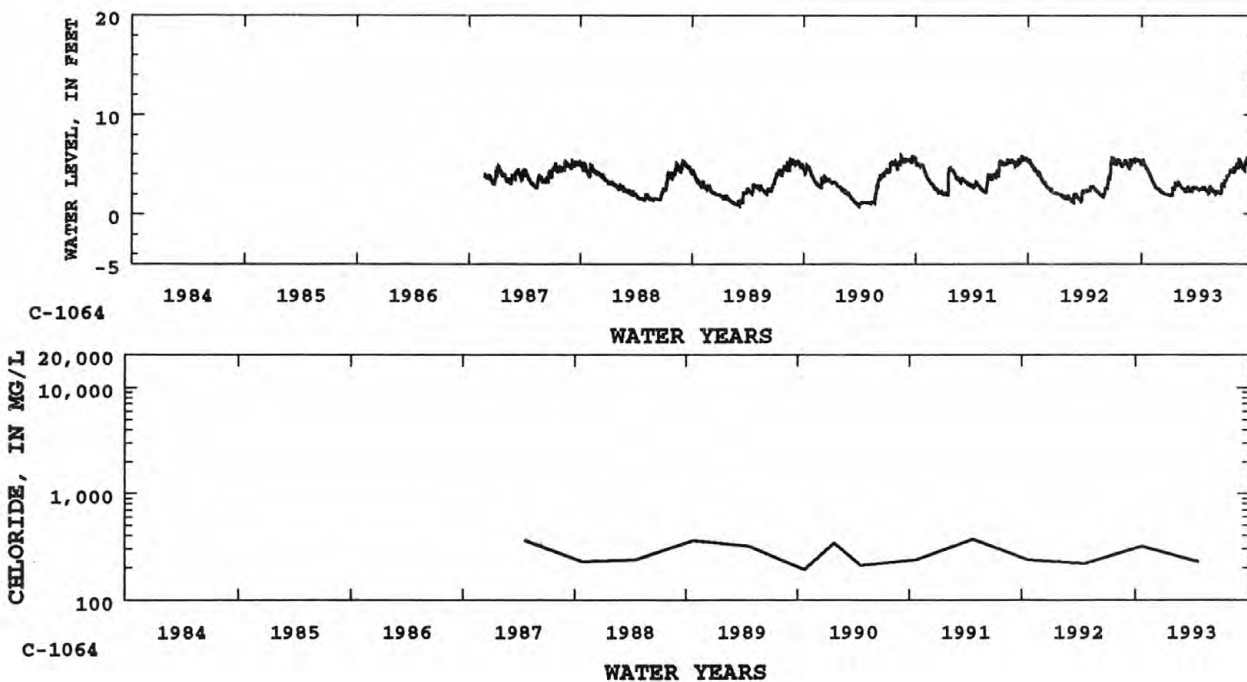
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.61 ft NGVD, Sept. 11, 1991; lowest, 0.79 ft NGVD, Mar. 30, 1990.

STATION NUMBER 260137081375902 C -1064
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.40	3.30	2.15	1.79	2.68	2.46	2.50	2.09	2.18	3.83	4.84	5.50
10	4.95	3.01	2.12	2.58	2.55	2.21	2.55	2.62	2.04	4.01	4.73	5.33
15	4.66	2.68	2.01	2.45	2.42	2.52	2.54	2.45	2.63	4.44	5.22	5.02
20	4.39	2.51	1.94	2.86	2.23	2.65	2.64	2.30	2.88	4.29	4.79	4.98
25	4.06	2.51	1.91	2.92	2.39	2.59	2.39	2.10	3.20	4.60	4.56	5.12
EOM	3.70	2.31	1.85	2.91	2.64	2.45	2.26	2.21	3.37	4.68	5.37	5.27
MEAN	4.60	2.81	2.02	2.57	2.52	2.49	2.49	2.28	2.62	4.18	4.87	5.20
MAX	5.51	3.66	2.27	3.21	2.89	2.65	2.67	2.65	3.39	4.68	5.51	5.66
MIN	3.70	2.31	1.85	1.75	2.16	2.19	2.26	2.04	1.99	3.59	4.36	4.85
CAL YR 1992	MEAN 3.19	MAX 5.63	MIN 1.17									
WTR YR 1993	MEAN 3.23	MAX 5.66	MIN 1.75									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

161

WELL NUMBER.--260238081401401. Local Number C 969.

LOCATION.--Lat 26°02'38", long 81°40'14", in SW1/4SW1/4 sec.12, T.51 S., R.26 E., Hydrologic Unit 03090204, 300 ft south of U.S. Highway 41, 2 mi south of County Road 951 and 11.5 mi southeast of Naples. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 72 ft, cased to 25 ft, open hole 25 to 72 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 5.09 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.30 ft above land-surface datum.

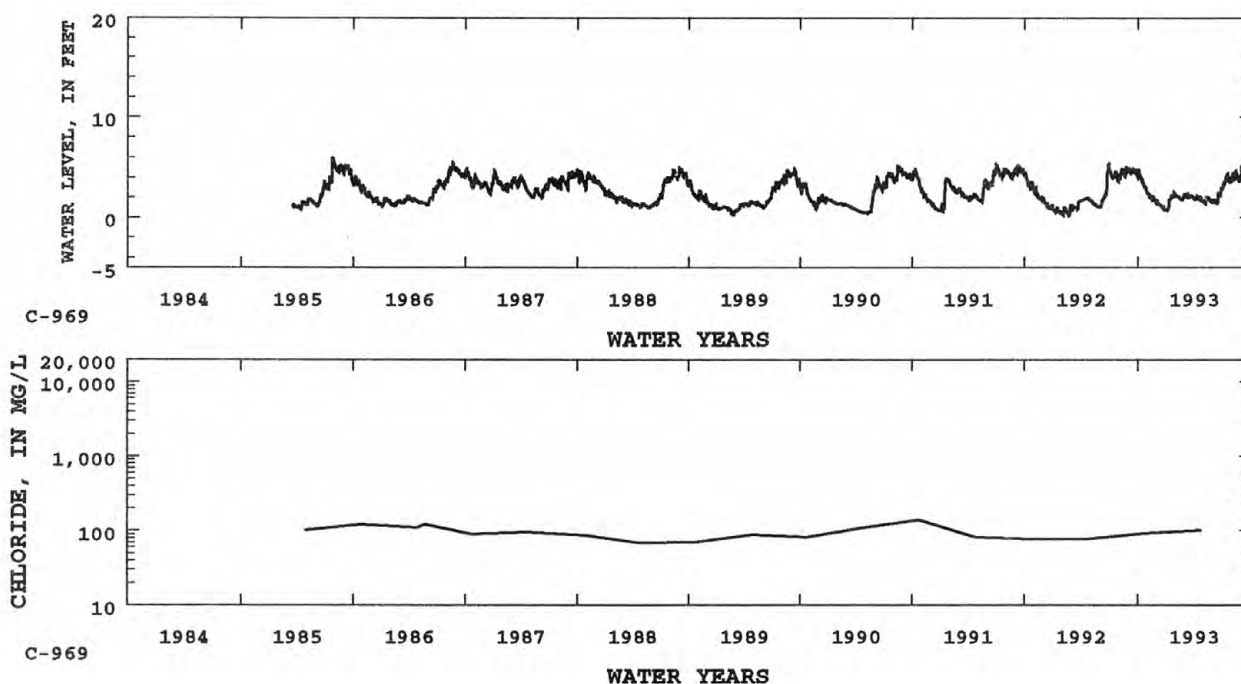
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.00 ft NGVD, July 23, 1985; lowest, 0.19 ft NGVD, Feb. 25, 1989.

STATION NUMBER 260238081401401 C - 969												
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993												
DAILY MAXIMUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.63	2.36	1.33	.75	2.10	2.16	2.04	1.51	1.61	3.38	4.04	5.13
10	3.91	1.94	1.26	1.77	2.02	1.99	2.07	2.02	1.47	3.63	4.03	4.87
15	3.63	1.74	1.08	1.87	1.84	2.15	2.01	1.96	2.18	4.31	4.31	4.36
20	3.22	1.73	.91	2.09	1.75	2.17	1.99	1.81	2.36	3.83	3.82	4.22
25	3.02	1.75	.78	2.18	2.04	2.08	1.68	1.59	2.66	3.73	3.58	3.90
EOM	2.47	1.58	.76	2.23	2.26	1.92	1.56	1.69	2.82	4.10	4.96	3.95
MEAN	3.55	1.94	1.09	1.74	2.02	2.11	1.88	1.73	2.09	3.70	4.06	4.51
MAX	4.78	2.43	1.56	2.45	2.28	2.29	2.12	2.02	2.97	4.31	4.96	5.33
MIN	2.46	1.48	.66	.72	1.75	1.92	1.56	1.48	1.46	3.05	3.58	3.69

WTR YR 1993 MEAN 2.54 MAX 5.33 MIN .66



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260304081391401. Local Number C 975.

LOCATION.--Lat 26°03'04", long 81°39'14", in SW1/4SW1/4 sec.6, T.51 S., R.27 E., Hydrologic Unit 03090204, 30 ft east of Greenway Road, 1.15 mi north of U.S. Highway 41 and 11 mi southeast of Naples. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 150 ft, cased to 60 ft, open hole 60 to 150 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.40 ft above land-surface datum.

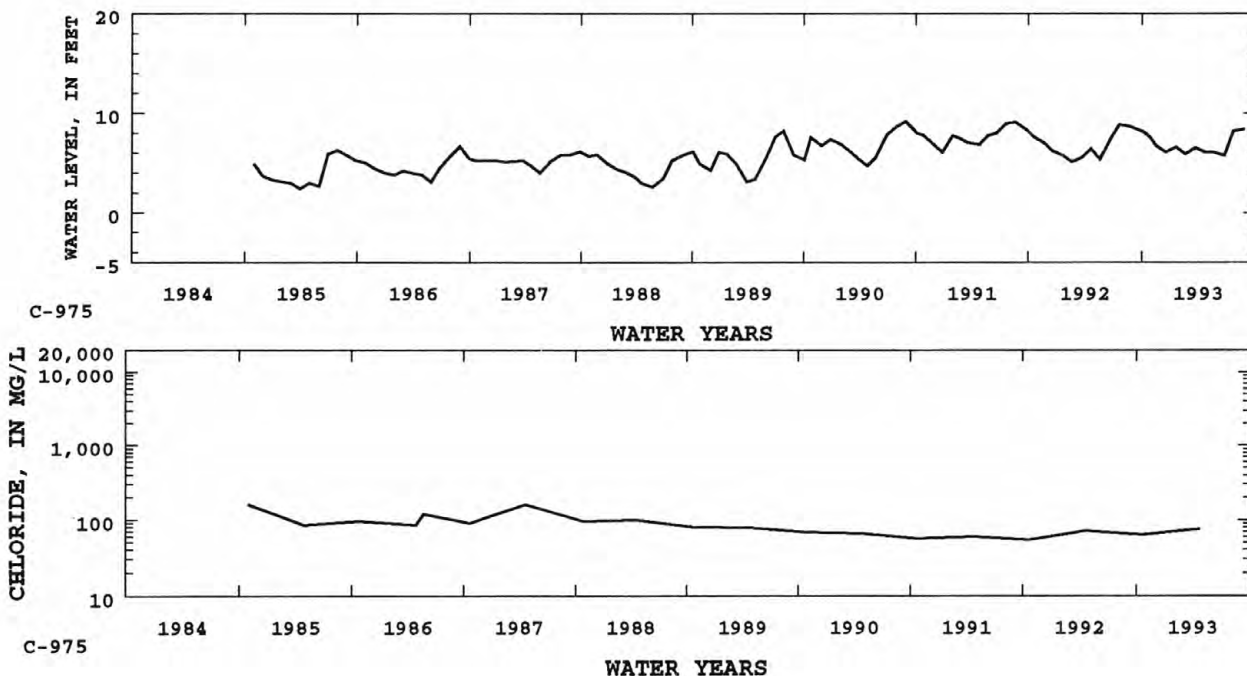
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.18 ft NGVD, Aug. 28, 1990; lowest measured, 2.35 ft NGVD, Mar. 28, 1985.

260304081391401 - C - 975

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1430	--	--	8.12	22...	1150	739	76	6.08
23...	1145	680	64	7.71	MAY				
NOV					18...	1200	--	--	6.08
16...	1120	--	--	6.75	JUN				
DEC					23...	1345	--	--	5.74
16...	1130	--	--	6.06	JUL				
JAN					22...	1115	--	--	8.21
20...	1300	--	--	6.60	AUG				
FEB					26...	1120	--	--	8.42
16...	1325	--	--	5.86					
MAR									
22...	1040	--	--	6.49					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

163

WELL NUMBER.--260309081272601. Local Number C 987.

LOCATION.--Lat 26°03'09", long 81°27'26", in SW1/4SW1/4 sec.6, T.51 S., R.29 E., Hydrologic Unit 03090204, 35 ft north of Janes Scenic Drive, 35 ft east of canal and 9.5 mi northwest of Copeland. Owner: South Florida Water Management District.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 370 ft, cased to 280 ft, open hole 280 to 370 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 9.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Chiseled square on meter box, 0.20 ft above land surface datum, (corrected).

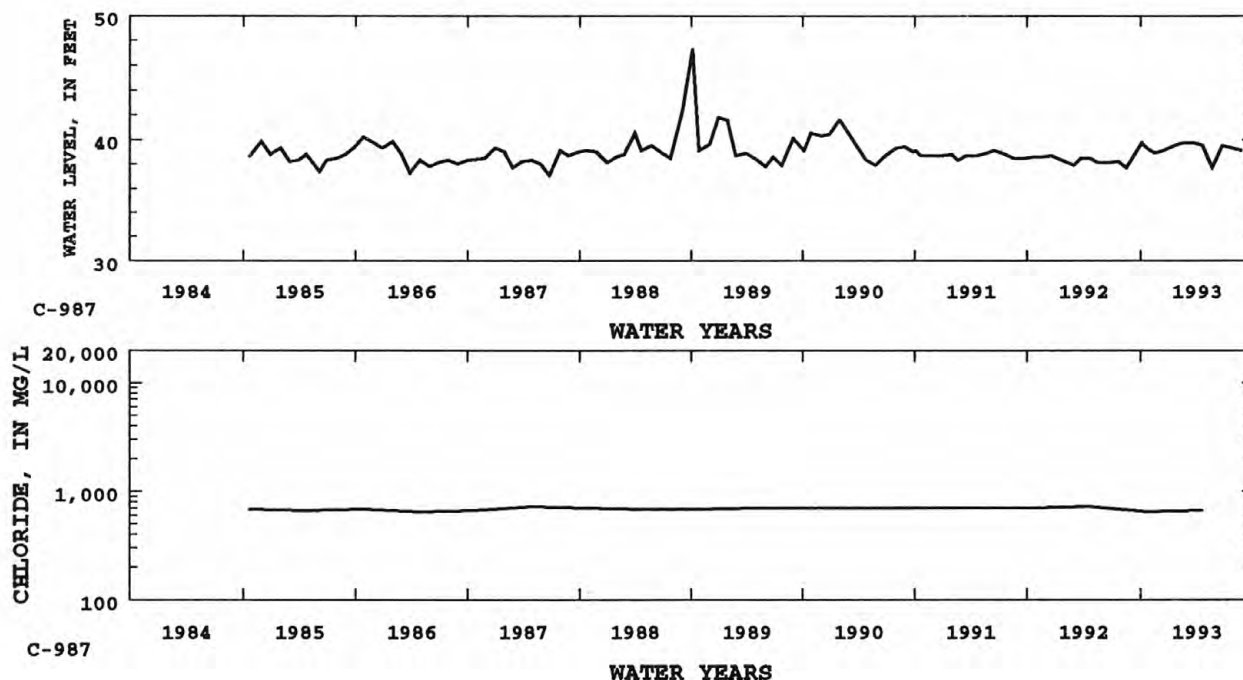
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.30 ft NGVD, Oct. 5, 1988; lowest measured, 37.10 ft NGVD, June 25, 1987.

260309081272601 - C - 987

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS	CL)	AS	CL)	(FEET)	AS	CL)	AS	CL)	(FEET)
OCT					APR				
05...	1040	--	--	39.70	19...	1455	3030	660	39.50
19...	1130	3020	640	39.30	MAY				
NOV					20...	1400	--	--	37.70
16...	1200	--	--	38.90	JUN				
DEC					22...	1110	--	--	39.50
14...	1230	--	--	39.10	JUL				
JAN					21...	1200	--	--	39.30
19...	1130	--	--	39.50	AUG				
FEB					23...	1140	--	--	39.10
16...	1145	--	--	39.70					
MAR									
23...	1120	--	--	39.70					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260314081323101. Local Number C 1067.

LOCATION.--Lat 26°03'14", long 81°32'31", in NE1/4SE1/4 sec.6, T.51 S., R.28 E., Hydrologic Unit 03090204, 25 ft south of Stewart Boulevard and 25 ft east of Everglades Boulevard, 6.3 mi south of Alligator Alley (Interstate 75) on Everglades. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 65 ft, cased to 30 ft, 35 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 3.80 ft above land-surface datum.

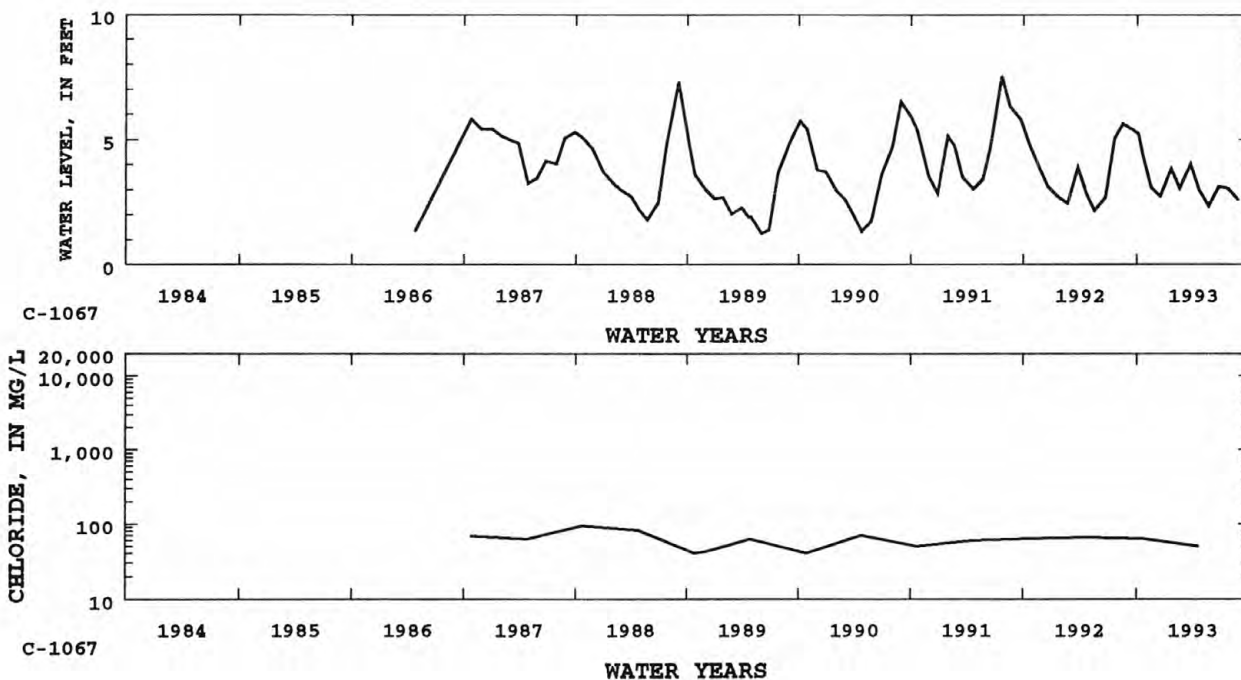
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.50 ft NGVD, July 22, 1991; lowest measured, 1.26 ft NGVD, May 31, 1989.

260314081323101 - C -1067

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1050	--	--	5.22	19...	1510	908	50	2.99
19...	1145	946	64	4.37	MAY				
NOV					20...	1410	--	--	2.34
16...	1230	--	--	3.06	JUN				
DEC					22...	1115	--	--	3.12
14...	1245	--	--	2.74	JUL				
JAN					21...	1215	--	--	3.03
19...	1140	--	--	3.81	AUG				
FEB					23...	1150	--	--	2.58
16...	1145	--	--	3.05					
MAR									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

165

WELL NUMBER.--260314081323102. Local Number C 1068.

LOCATION.--Lat 26°03'14", long 81°32'31", in NE1/4SE1/4 sec.6, T.51 S., R.28 E., Hydrologic Unit 03090204, 25 ft south of Stewart Boulevard and 25 ft east of Everglades Boulevard, 6.3 mi south of Alligator Alley (Interstate 75) on Everglades Boulevard. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 200 ft cased to 120 ft, 80 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.62 ft above land-surface datum.

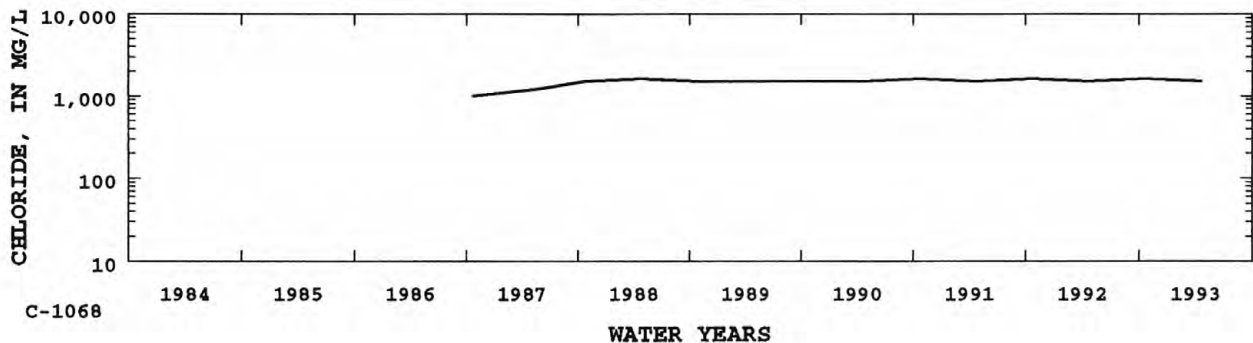
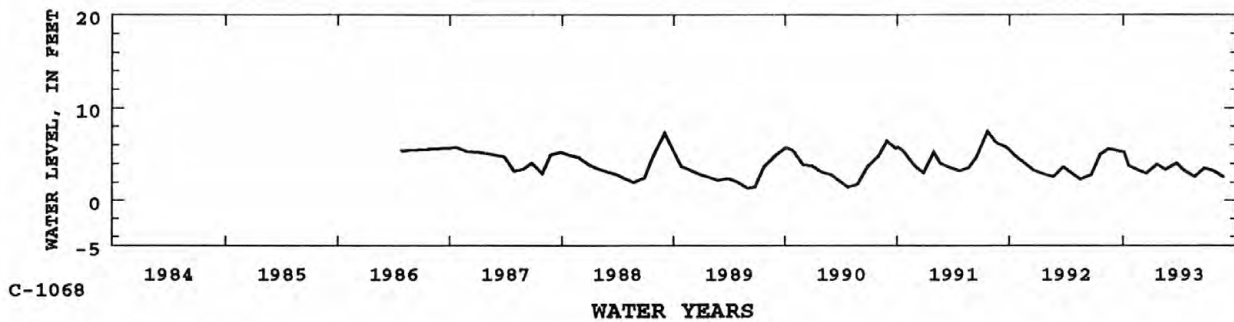
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.51 ft NGVD, July 22, 1991; lowest measured, 1.39 ft NGVD, May 31, 1989.

260314081323102 - C -1068

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	CON-	DUCT-	SOLVED	ABOVE	ANCE	CON-	DUCT-	SOLVED	ABOVE
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
AS CL)	AS CL)	AS CL)	AS CL)	(FEET)	AS CL)	AS CL)	AS CL)	AS CL)	(FEET)
OCT					APR				
05...	1055	--	--	5.24	19...	1515	5620	1500	3.24
19...	1200	5650	1600	3.76	MAY				
NOV					20...	1410	--	--	2.59
16...	1230	--	--	3.36	JUN				
DEC					22...	1110	--	--	3.49
14...	1245	--	--	2.98	JUL				
JAN					21...	1210	--	--	3.26
19...	1140	--	--	3.91	AUG				
FEB					23...	1155	--	--	2.56
16...	1145	--	--	3.34					
MAR									
23...	1110	--	--	4.03					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260334081391601. Local Number C 968.

LOCATION.--Lat 26°03'34", long 81°39'16", in SE1/4NE1/4 sec.1, T.51 S., R.26 E., Hydrologic Unit 03090204, west of Greenway Road, 1.75 mi north of U.S. Highway 41 and 11 mi southeast of Naples. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 23 ft, cased to 8 ft, open hole 8 to 23 ft.

INSTRUMENTATION.--Digital water-level recorder.

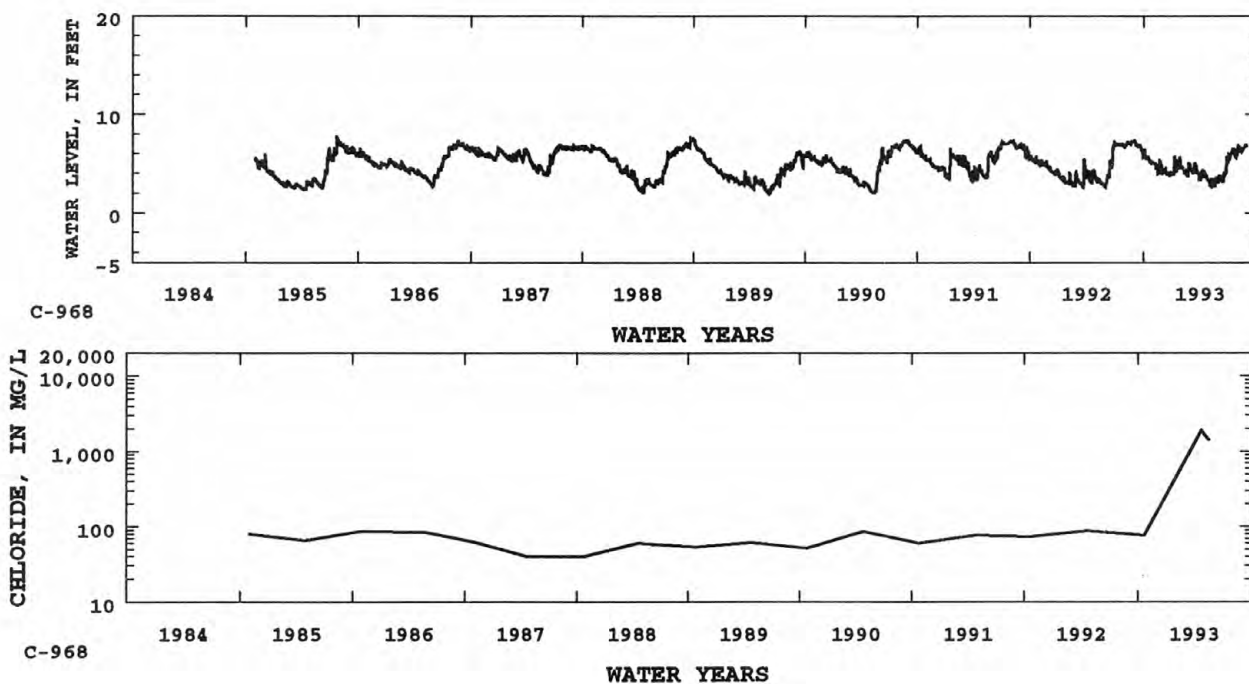
DATUM.--Land-surface datum is 6.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.85 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.62 ft NGVD, July 23, 1985; lowest, 2.00 ft NGVD June 2, 1989 (estimated).

STATION NUMBER 260334081391601 C - 968												
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993												
DAILY MAXIMUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.26	5.03	4.08	3.91	4.46	4.28	4.00	2.74	3.50	5.83	6.62	---
10	5.47	4.47	4.38	5.14	4.02	3.93	4.27	3.18	3.23	5.91	6.33	---
15	5.58	4.23	3.83	4.51	3.93	4.46	3.84	2.98	3.77	6.45	6.27	---
20	5.22	4.92	4.01	4.55	3.76	4.18	3.70	3.44	3.97	5.96	---	---
25	5.10	4.94	3.91	5.03	4.24	3.98	3.41	3.22	5.11	6.29	---	---
EOM	5.09	3.96	4.15	4.62	4.45	3.30	3.28	3.75	5.06	6.66	---	---
MEAN	5.46	4.66	4.05	4.61	4.33	4.16	3.70	3.10	3.99	6.00	---	---
MAX	6.44	5.23	4.40	5.75	5.11	5.00	4.27	3.75	5.63	6.66	---	---
MIN	5.02	3.94	3.82	3.87	3.73	3.30	3.22	2.68	3.13	5.59	---	---
CAL YR 1992 MEAN 4.71 MAX 7.32 MIN 2.65												



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

167

WELL NUMBER.--260540081430601. Local Number C 967.

LOCATION.--Lat 26°05'40", long 81°43'06", in NW1/4NW1/4 sec.28, T.50 S., R.26 E., Hydrologic Unit 03090204, behind Lely High School, 0.7 mi east of U.S. Highway 41 and 6.5 mi southwest of Naples. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 140 ft, cased to 19 ft, open hole 19 to 140 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 5.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 1.80 ft above land-surface datum.

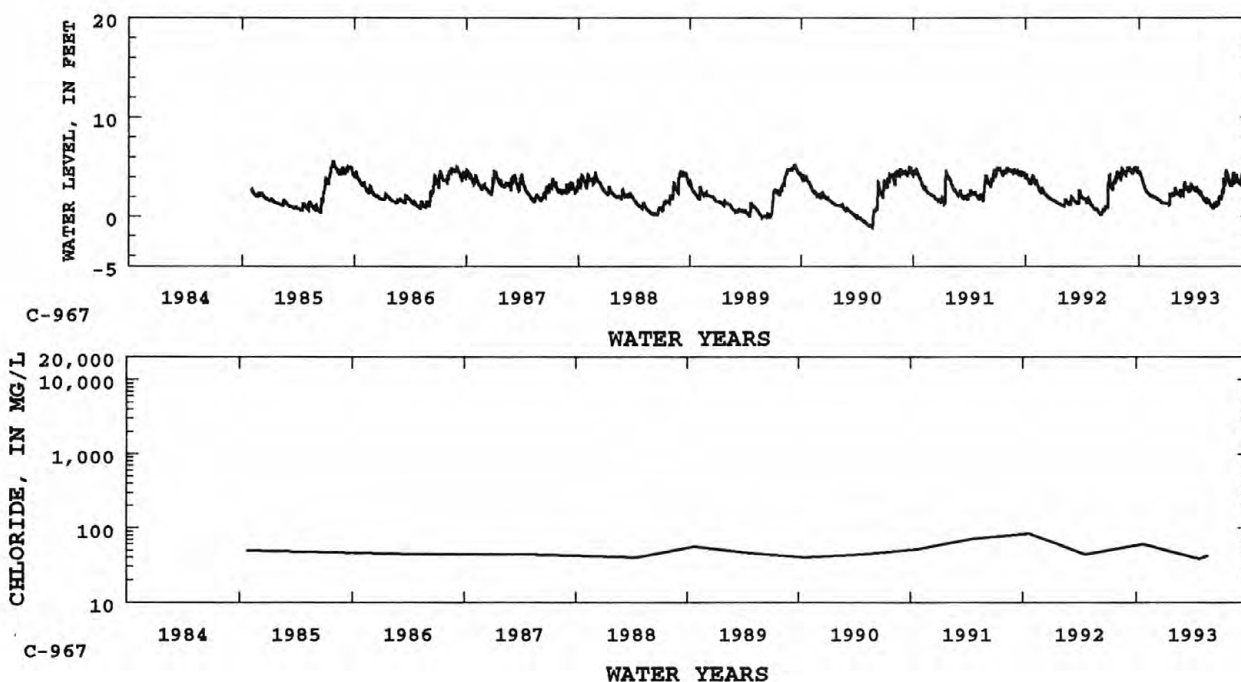
REMARKS.--Well also sampled for water quality. Recorder removed Sept. 3, 1993.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.63 ft NGVD, July 25, 1985; lowest, 1.13 ft below NGVD, May 20, 1990.

STATION NUMBER 2605400812601 C - 967												
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993												
DAILY MAXIMUM VALUES												
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.40	2.22	1.64	1.26	2.24	2.79	3.04	1.47	1.11	3.34	4.04	---
10	3.95	2.07	1.53	2.15	2.15	2.52	2.70	1.72	1.37	4.56	3.59	---
15	3.31	2.02	1.36	2.00	2.47	2.80	2.39	1.51	1.35	4.08	3.78	---
20	2.90	1.93	1.37	2.26	2.20	3.07	2.29	1.15	1.81	3.39	3.46	---
25	2.54	1.98	1.36	2.43	2.99	2.87	1.93	.93	1.98	3.55	3.25	---
EOM	2.35	1.79	1.35	2.45	3.24	2.55	1.63	1.24	2.31	4.24	4.68	---
MEAN	3.36	2.04	1.46	2.05	2.56	2.85	2.37	1.31	1.66	3.68	3.76	---
MAX	4.55	2.30	1.74	2.98	3.55	3.36	3.04	1.72	2.62	4.68	4.68	---
MIN	2.35	1.79	1.33	1.19	2.10	2.49	1.63	.82	.92	2.73	3.10	---

CAL YR 1992 MEAN 2.30 MAX 4.97 MIN .08



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260549081441901. Local Number C 600.

LOCATION.--Lat 26°05'49", long 81°44'19", in NW1/4SE1/4 sec.19, T.50 S., R.26 E., Hydrologic Unit 03090204, at northeast corner of the intersection of Saint Andrews Boulevard and U.S. Highway 41, 4.2 mi northwest of Belle Meade and 5.0 mi southeast of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 52 ft, cased to 48 ft, slotted 48 to 52 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 5.39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.37 ft above land-surface datum.

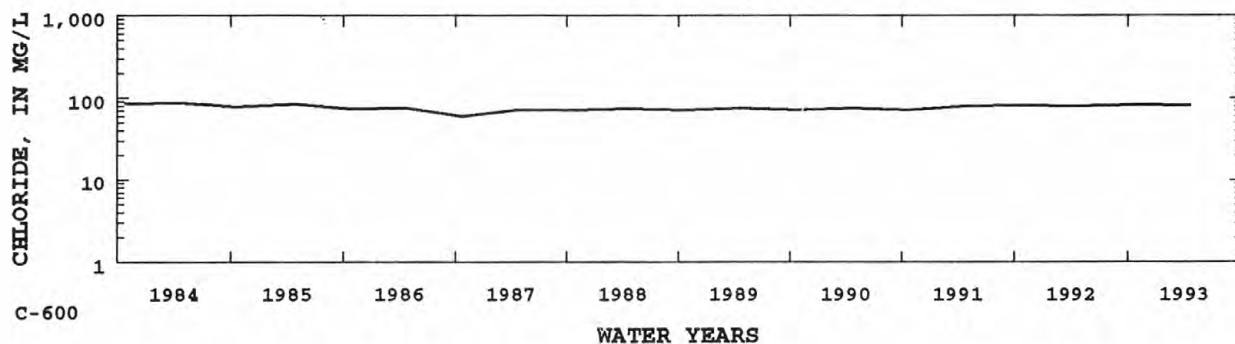
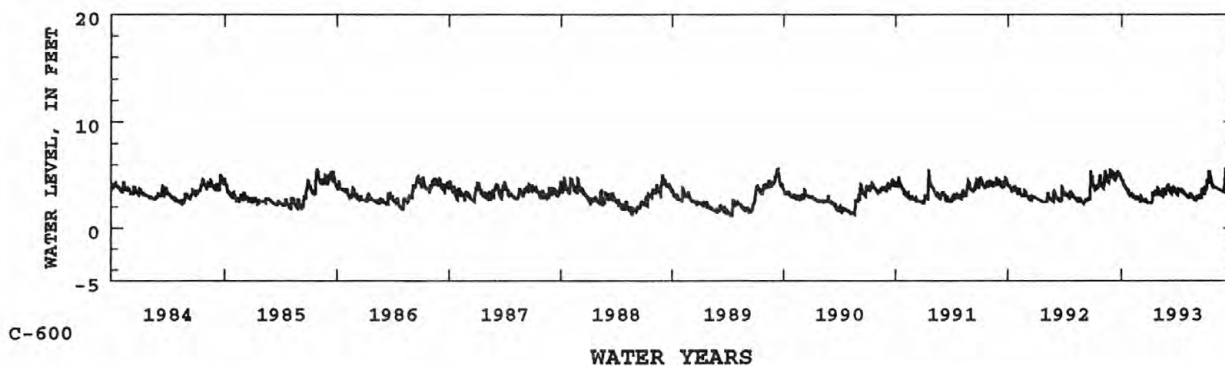
REMARKS.--Well also sampled for water quality. Replacement well for C 500.

PERIOD OF RECORD.--October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.50 ft NGVD, Aug. 7, 1982; lowest, 1.10 ft NGVD, Apr. 22-23, 1982.

STATION NUMBER 260549081441901 C - 600
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.51	3.17	2.84	2.43	3.10	3.46	3.72	2.90	2.88	4.19	---	4.84
10	4.02	2.86	2.60	3.35	3.07	3.28	3.66	3.22	2.96	5.25	---	4.64
15	3.77	2.80	2.51	3.05	3.55	3.59	3.45	3.08	3.24	4.63	---	4.12
20	3.57	2.75	2.45	3.36	3.15	3.69	3.32	2.88	3.49	4.07	---	4.46
25	3.17	2.79	2.40	3.43	3.79	3.50	3.14	2.68	3.22	3.89	---	3.89
EOM	3.27	2.92	2.41	3.45	3.98	3.17	3.02	3.02	3.53	---	5.71	4.59
MEAN	3.78	2.91	2.56	3.13	3.45	3.52	3.40	2.93	3.25	---	---	4.49
MAX	4.59	3.29	2.92	3.75	4.17	3.88	3.72	3.28	3.90	---	---	5.32
MIN	3.04	2.73	2.35	2.38	3.06	3.17	3.02	2.61	2.76	---	---	3.85



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

169

WELL NUMBER.--260632081324702. Local Number C 690.

LOCATION.--Lat 26°06'29", long 81°32'35", in SW1/4SE1/4 sec.12, T.50 S., R.28 E., Hydrologic Unit 03090204, 30 ft southeast of the intersection of 70th Street and Everglades Boulevard, 3.1 mi south of State Road 84, 8.5 mi northeast of Royal Palm Hammock and 15.7 mi east of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 48 ft, cased to 43 ft, screened 43 to 48 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.46 ft above land-surface datum.

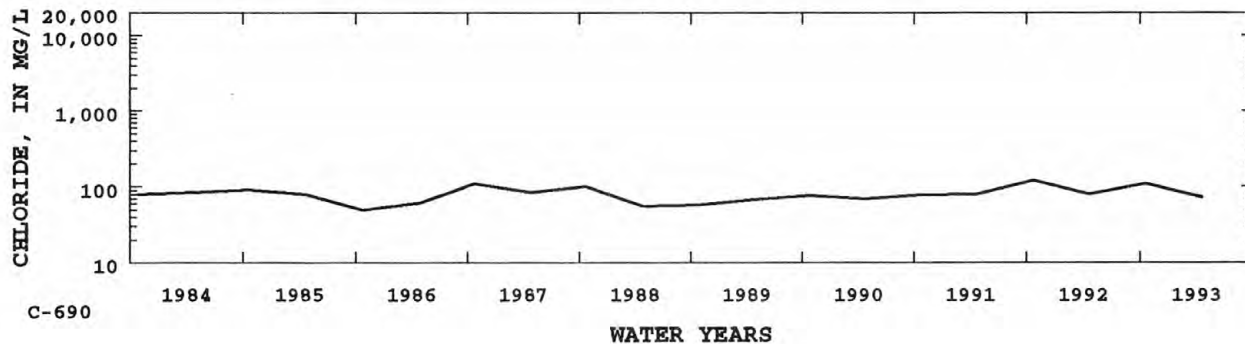
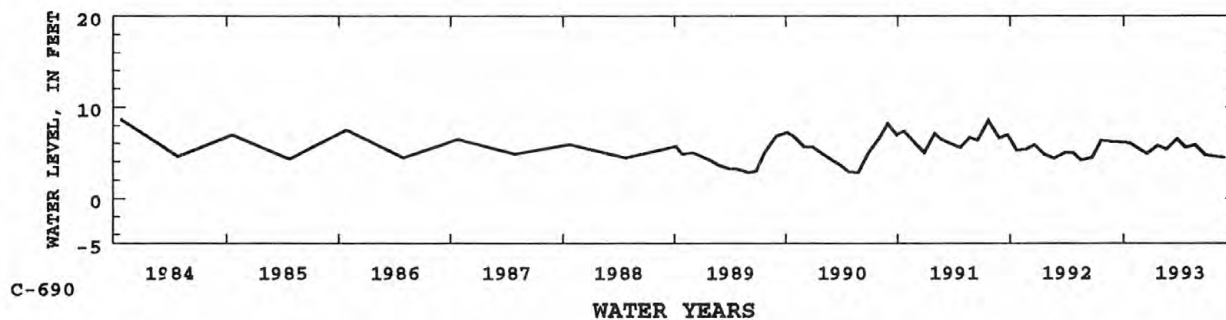
REMARKS.--Well also sampled for water quality. Replacement well for C 501. Recorder removed July 21, 1992.

PERIOD OF RECORD.--October 1980 to June 1992 (daily), July 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.07 ft NGVD, July 24, 25, 1985; lowest, 2.50 ft NGVD, June 22, 1989, May 15, 20, 21, 1990.

260632081324702 - C - 690

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	(MG/L	NGVD			SOLVED	(MG/L	NGVD
(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)		
OCT					APR				
05...	1105	--	--	6.10	19...	1540	870	72	5.56
19...	1215	995	110	6.01	MAY				
NOV					20...	1320	--	--	5.83
16...	1240	--	--	5.46	JUN				
DEC					22...	1140	--	--	4.70
14...	1255	--	--	4.87	JUL				
JAN					21...	1230	--	--	4.59
19...	1150	--	--	5.73	AUG				
FEB					23...	1205	--	--	4.45
16...	1155	--	--	5.32					
MAR									
23...	1100	--	--	6.44					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260630081411401. Local Number C 599.

LOCATION.--Lat 26°06'30", long 81°41'14", in NE1/4NE1/4 sec.22, T.50 S., R.26 E., Hydrologic Unit 03090204, 30 ft west of County Road 951, 300 ft south of County Road 864, 4.3 mi north of Belle Meade and 7.6 mi southeast of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 50 ft, cased to 46 ft, screened 46 to 50 ft with .060 slot.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.71 ft above land-surface datum.

REMARKS.--Well also sampled for water quality. Replacement well for C 381.

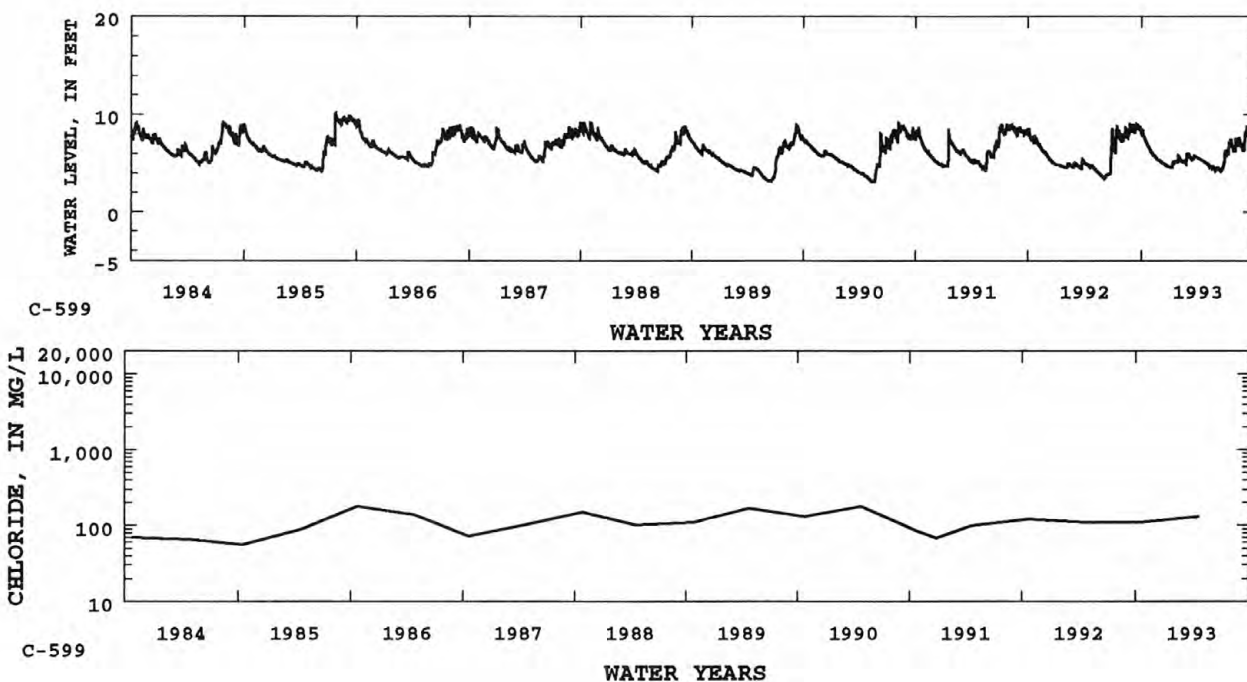
PERIOD OF RECORD.--September 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.05 ft NGVD, July 24, 1985; lowest, 3.05 ft NGVD, May 20, 1990.

STATION NUMBER 260630081411401 C - 599
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.28	6.00	5.07	4.57	5.24	5.71	---	4.83	4.53	6.13	7.25	8.38
10	7.65	5.78	4.98	5.09	5.07	5.40	---	4.63	4.34	7.08	6.85	8.21
15	7.24	5.62	4.91	5.03	5.29	5.43	---	4.63	4.29	7.42	7.11	8.06
20	6.86	5.42	4.77	5.25	5.01	5.67	---	4.53	4.51	6.71	6.69	7.77
25	6.58	5.35	4.69	5.06	5.92	---	5.05	4.39	5.13	6.32	6.33	7.27
EOM	6.19	5.24	4.64	5.56	6.00	---	4.98	4.50	5.96	7.49	8.28	7.46
MEAN	7.24	5.63	4.87	5.08	5.38	---	---	4.60	4.78	6.60	7.00	7.98
MAX	8.55	6.16	5.21	5.76	6.09	---	---	4.95	6.32	7.49	8.28	8.79
MIN	6.19	5.24	4.64	4.55	4.99	---	---	4.28	4.22	5.85	6.33	7.15

CAL YR 1992 MEAN 5.81 MAX 9.09 MIN 3.43



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

171

WELL NUMBER.--260640081204301. Local Number C 296.

LOCATION.--Lat 26°06'40", long 81°20'43", in SE1/4SE1/4 sec.18, T.50 S., R.30 E., Hydrologic Unit 03090204, west of State Road 29, 3 mi south of State Road 84, and 10.8 mi north of Copeland. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 45 ft, cased to 8 ft, open hole 8 to 45 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 14.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.06 ft above land-surface datum.

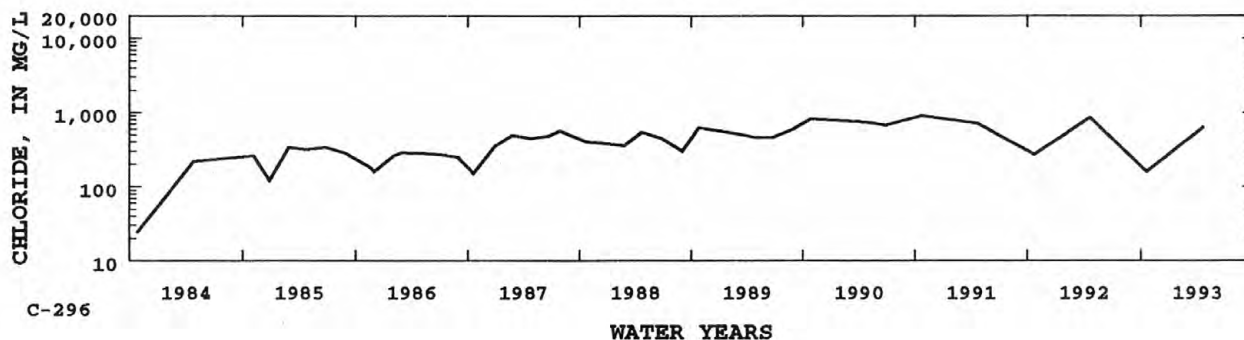
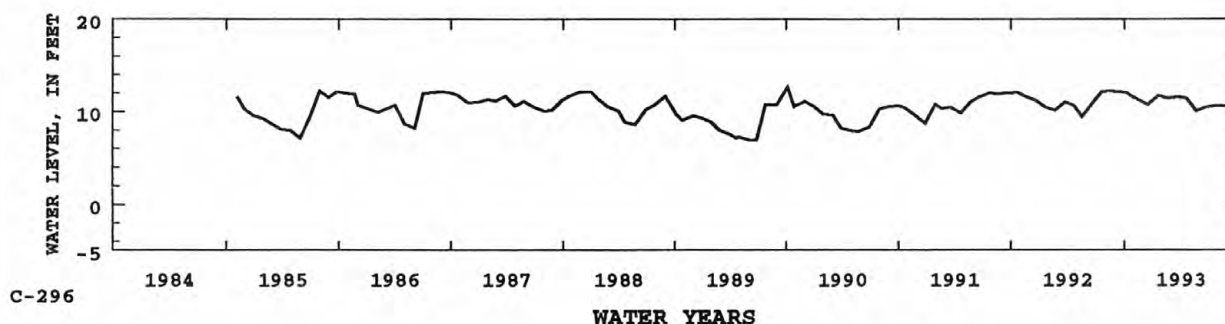
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--June 1959 to October 1984 (daily), November 1984 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.06 ft NGVD, Sept. 12, 1960; lowest, 6.19 ft NGVD, June 4, 1974.

260640081204301 - C - 296

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0615	--	--	12.06	19...	1120	3040	640	11.43
19...	0850	1740	160	11.75	MAY				
DEC					20...	1120	--	--	10.05
14...	1050	--	--	10.78	JUN				
JAN					22...	0915	--	--	10.50
19...	0900	--	--	11.74	JUL				
FEB					21...	1015	--	--	10.62
16...	0935	--	--	11.45	AUG				
MAR					23...	0915	--	--	10.60
22...	0950	--	--	11.59					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260813081214301. Local Number C 1069.

LOCATION.--Lat 26°08'13", long 81°21'43", in NE1/4NE1/4 sec.1, T.50 S., R.29 E., Hydrologic Unit 03090204, 75 ft south of Alligator Alley (Interstate 75), 1.0 mi west of SR 29 on Alligator Alley (Interstate 75), 7.9 mi Southwest of Sunniland. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 50 ft., cased to 20 ft, 30 ft of 0.020 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.20 ft above land-surface datum.

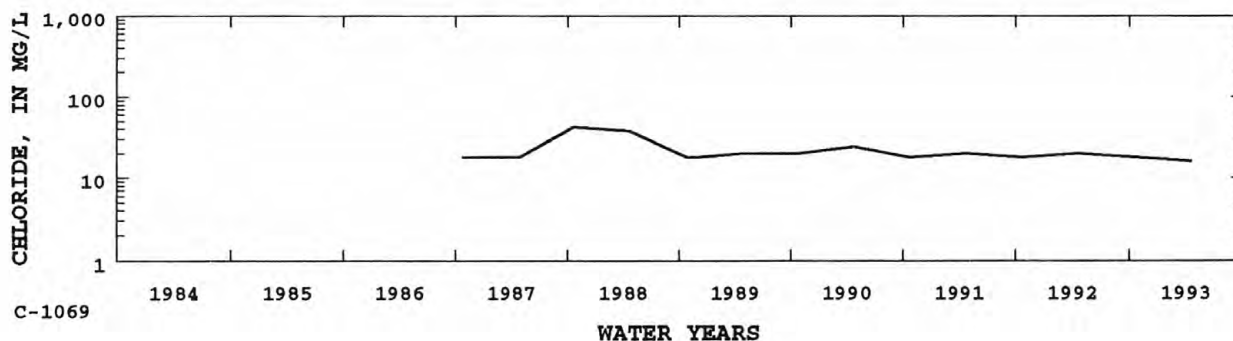
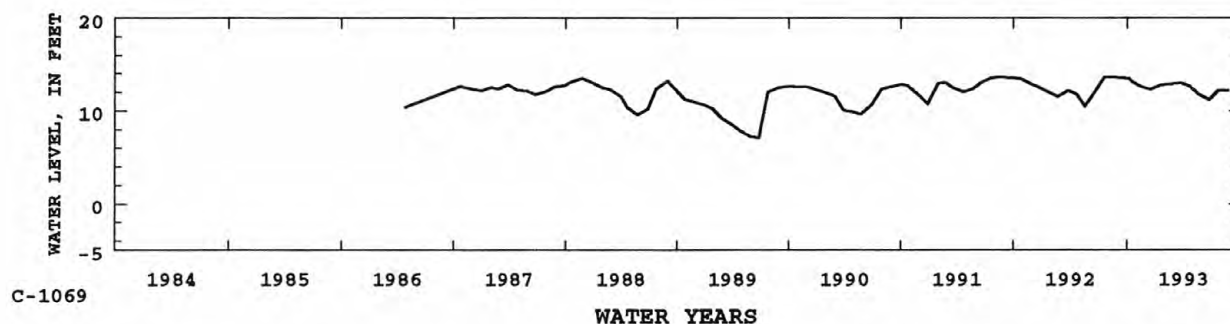
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.63 ft NGVD, Aug. 19, 1991 and Aug. 17, 1992; lowest measured, 7.14 ft NGVD, June 26, 1989.

260813081214301 - C -1069

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0750	--	--	13.43	19...	1030	543	16	12.65
19...	0750	541	18	13.07	MAY				
NOV					20...	1040	--	--	11.75
16...	0940	--	--	12.58	JUN				
DEC					22...	0905	--	--	11.19
14...	1030	--	--	12.30	JUL				
JAN					21...	0955	--	--	12.17
19...	0835	--	--	12.74	AUG				
FEB					23...	0850	--	--	12.14
16...	0915	--	--	12.81					
MAR									
22...	0930	--	--	12.97					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

173

WELL NUMBER.--260813081214302. Local Number C 1070.

LOCATION.--Lat 26°08'13", long 81°21'43", in NE1/4NE1/4 sec.1, T.50 S., R.29 E., Hydrologic Unit 03090204, 75 ft south of Alligator Alley (Interstate 75), 1.0 mi west of State Road 29 on State Road 84, 7.9 mi southwest of Sunniland. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 205 ft, cased to 100 ft, 105 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.03 ft above land-surface datum.

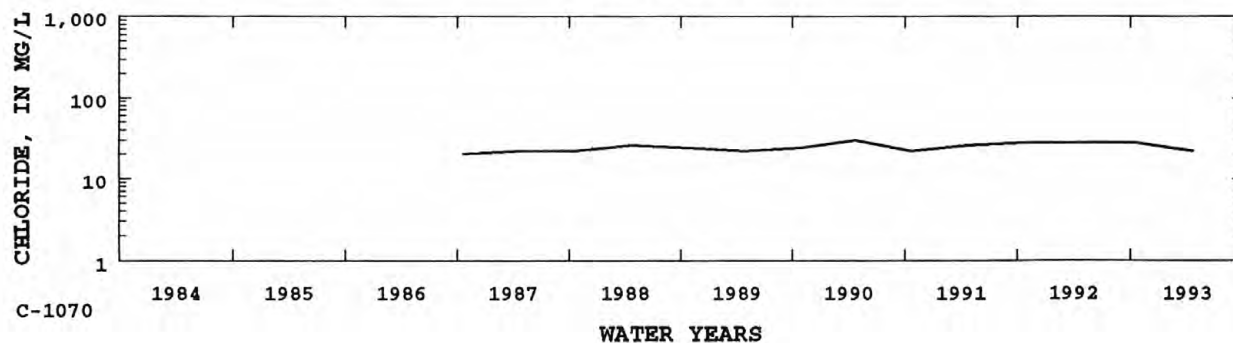
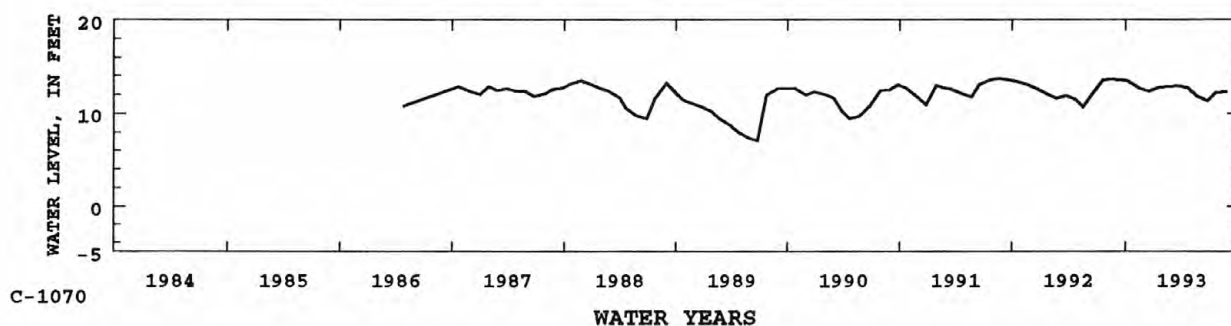
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.66 ft NGVD, Aug. 19, 1991; lowest measured, 7.10 ft NGVD, June 26, 1989.

260813081214302 - C -1070

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
CON-	DUCT-	ANCE	DIS-	SOLVED	CON-	DUCT-	ANCE	DIS-	SOLVED
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
	AS CL)		AS CL)	(FEET)		AS CL)		AS CL)	(FEET)
OCT					APR				
05...	0755	--	--	13.46	19...	1035	542	22	12.67
19...	0755	649	28	13.17	MAY				
NOV					20...	1040	--	--	11.81
16...	0940	--	--	12.63	JUN				
DEC					22...	0905	--	--	11.34
14...	1030	--	--	12.33	JUL				
JAN					21...	1000	--	--	12.21
19...	0835	--	--	12.75	AUG				
FEB					23...	0855	--	--	12.27
16...	0915	--	--	12.84					
MAR									
22...	0930	--	--	12.91					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260843081324201. Local Number C 973.

LOCATION.--Lat 26°08'43", long 81°32'42", in SW1/4NE1/4 sec.6, T.50 S., R.28 E., Hydrologic Unit 03090204, at the northwest corner of 50th Street and Everglades Boulevard, 0.5 mi south of State Road 84 and 15.75 mi east of Naples. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 150 ft, cased to 90 ft, open hole 90 to 150 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.30 ft above land-surface datum.

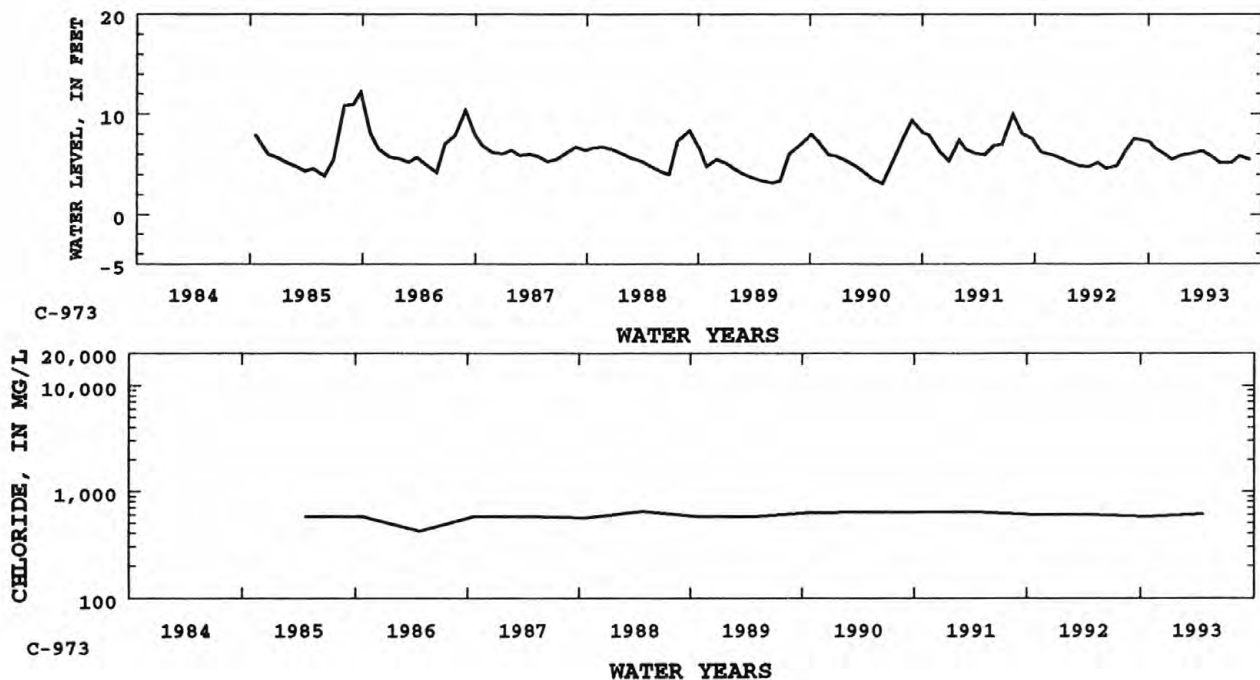
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.15 ft NGVD, Sept. 25, 1985; lowest measured, 3.06 ft NGVD, May 25, 1990.

260843081324201 - C - 973

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1115	--	--	7.24	19...	1555	2610	610	5.84
19...	1235	2610	580	6.64	MAY				
NOV					20...	1325	--	--	5.12
16...	1245	--	--	6.15	JUN				
DEC					22...	1150	--	--	5.15
14...	1305	--	--	5.50	JUL				
JAN					21...	1245	--	--	5.83
19...	1200	--	--	5.93	AUG				
FEB					23...	1225	--	--	5.50
16...	1210	--	--	6.10					
MAR									
23...	1050	--	--	6.35					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

175

WELL NUMBER.--260843081324202. Local Number C 972.

LOCATION.--Lat 26°08'43", long 81°32'42", in SW1/4NE1/4 sec.6, T.50 S., R.28 E., Hydrologic Unit 03090204, at the northwest corner of 50th Street and Everglades Boulevard, 0.5 mi south of State Road 84 and 15.75 mi east of Naples. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 25 ft, open hole 25 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.10 ft above land-surface datum.

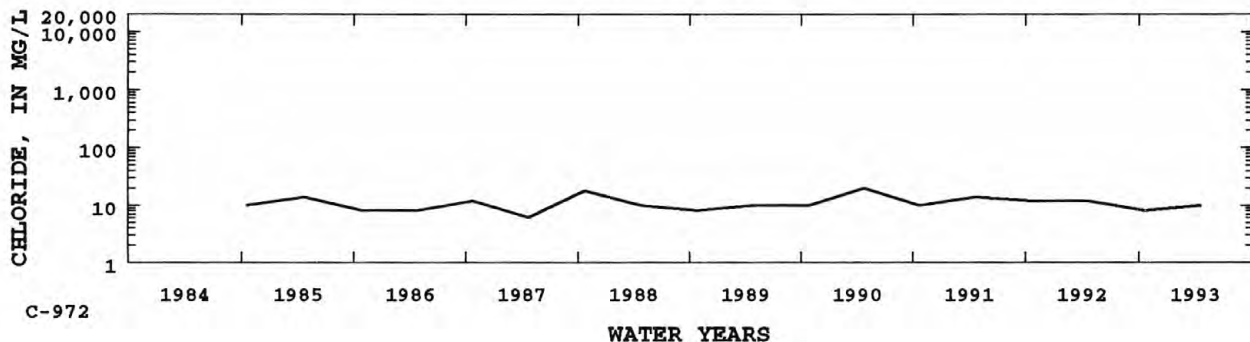
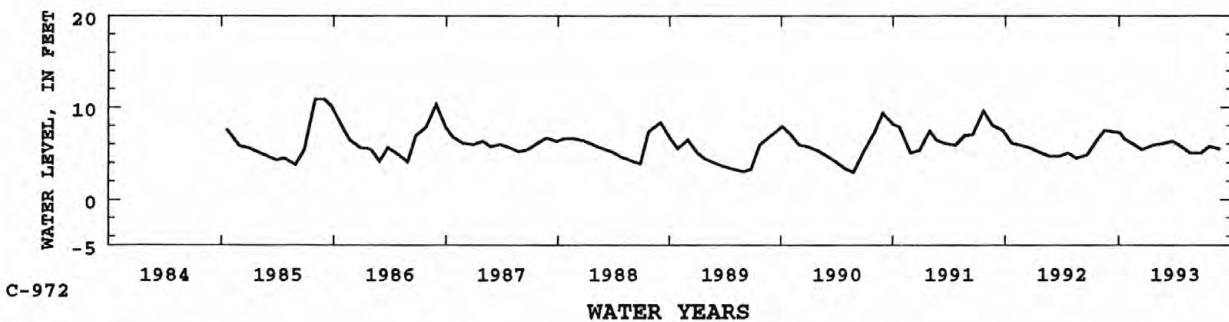
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.90 ft NGVD, Aug. 29, 1985; lowest measured, 2.99 ft NGVD, May 25, 1990.

260843081324202 - C - 972

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1110	--	--	7.21	19...	1550	600	10	5.74
19...	1250	608	8.0	6.52	MAY				
NOV					20...	1425	--	--	5.05
16...	1245	--	--	6.05	JUN				
DEC					22...	1130	--	--	5.08
14...	1300	--	--	5.41	JUL				
JAN					21...	1245	--	--	5.76
19...	1200	--	--	5.85	AUG				
FEB					23...	1220	--	--	5.47
16...	1210	--	--	6.02					
MAR									
23...	1050	--	--	6.29					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260902081480401. Local Number C 130.

LOCATION.--Lat 26°09'01", long 81°48'25", in NW1/4NE1/4 sec.4, T.50 S., R.25 E., Hydrologic Unit 03090204, on the north side of 4th Avenue, 300 ft east of 1st Street, in Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 71.5 ft, cased to 69 ft, open hole 69 to 71.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.47 ft above land-surface datum.

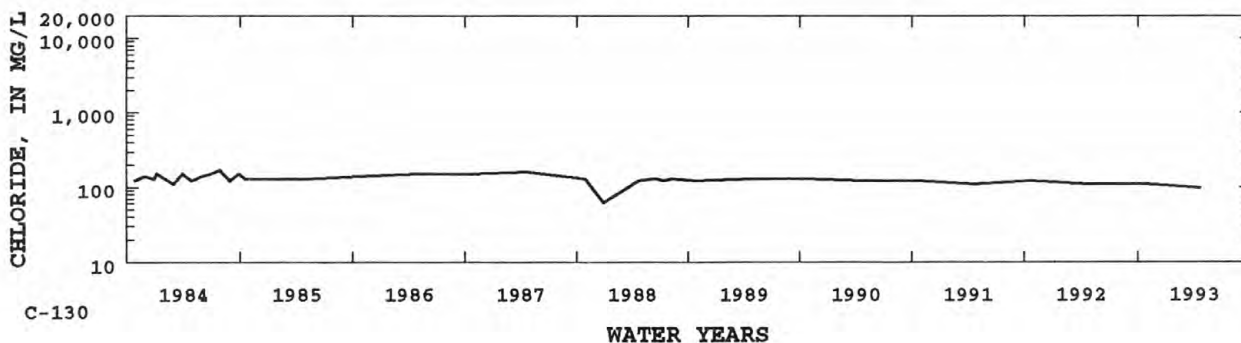
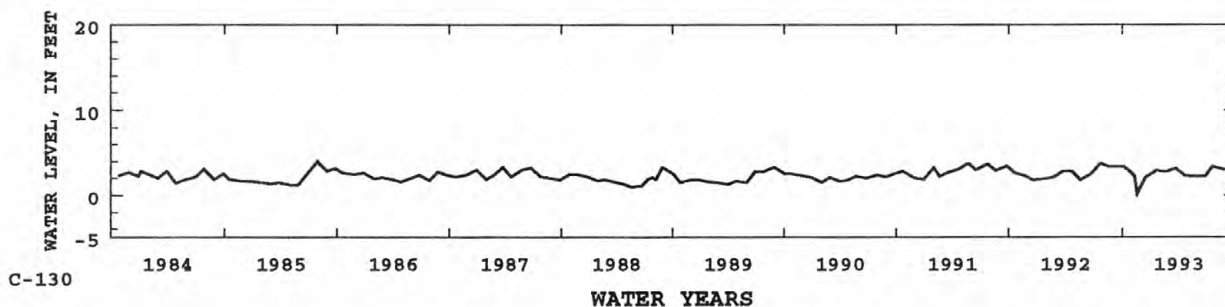
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--June 1952 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.94 ft NGVD, July 29, 1985; lowest measured, 0.03 ft NGVD, May 7, 1974.

260902081480401 - C - 130

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					MAR				
06...	1110	--	--	3.40	22...	1500	--	--	3.18
23...	1255	873	110	2.90	APR				
NOV					20...	0920	832	98	2.34
09...	0805	--	--	2.21	MAY				
17...	1000	--	--	0.17	18...	1400	--	--	2.21
DEC					JUN				
15...	1010	--	--	2.10	25...	0830	--	--	2.27
JAN					JUL				
20...	1400	--	--	2.93	19...	1125	--	--	3.34
FEB					AUG				
18...	1515	--	--	2.79	27...	1120	--	--	3.01



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

177

WELL NUMBER.--260908081411201. Local Number C 996.

LOCATION.--Lat 26°09'08", long 81°41'12", in NE1/4NE1/4 sec.3, T.50 S., R.26 E., Hydrologic Unit 03090204, 100 ft east of County Road 951, 1.5 mi south of State Road 84 and 7 mi east of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 23.5 ft, cased to 13.5 ft, screened 13.5 to 23.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.30 ft above land-surface datum.

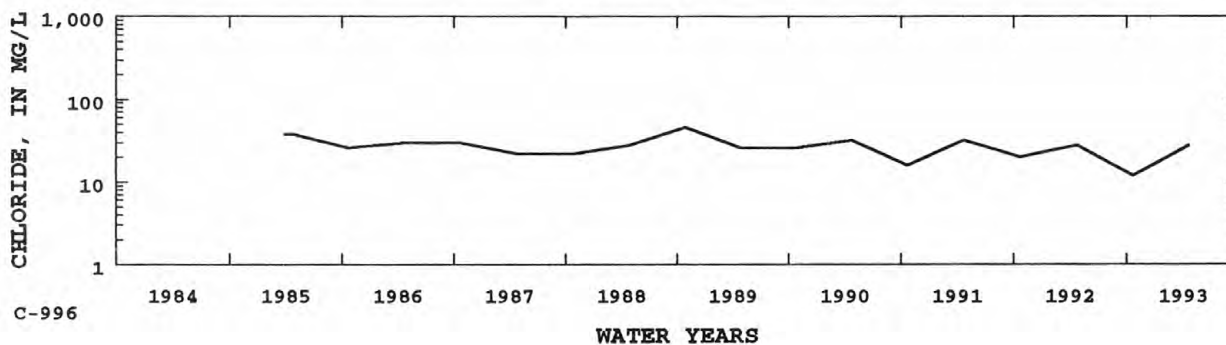
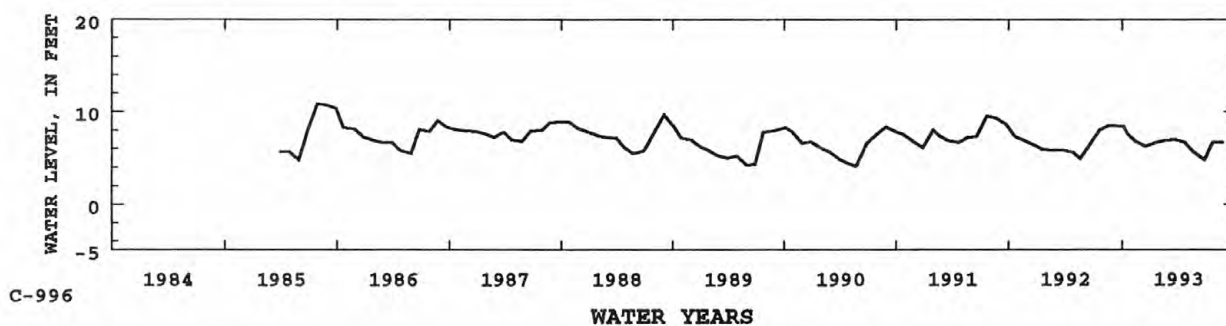
REMARKS.--Well also sampled for water quality. Replacement well for C 450.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.82 ft NGVD, July 29, 1985; lowest measured, 4.06 ft NGVD, May 22, 1990.

260908081411201 - C - 996

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	ANCE	NGVD			DUCT-	ANCE	NGVD
(US/CM)	(MG/L		AS CL)	(FEET)	(US/CM)	(MG/L		AS CL)	(FEET)
OCT					APR				
05...	1510	--	--	8.39	19...	0945	858	28	6.63
20...	0730	694	12	7.50	MAY				
NOV					20...	1005	--	--	5.63
16...	0910	--	--	6.75	JUN				
DEC					22...	0840	--	--	4.80
14...	1005	--	--	6.23	JUL				
JAN					21...	0930	--	--	6.65
19...	0805	--	--	6.63	AUG				
FEB					23...	0830	--	--	6.68
16...	0845	--	--	6.83					
MAR									
22...	0900	--	--	6.94					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260915081385901. Local Number C 976.

LOCATION.--Lat 26°09'15", long 81°38'59", in SW1/4SW1/4 sec.31, T.49 S., R.27 E., Hydrologic Unit 03090204, 50 ft south of State Road 84, 0.5 mi east of mile marker 2 and 9 mi east of Naples. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 10 ft, open hole 10 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.30 ft above land-surface datum.

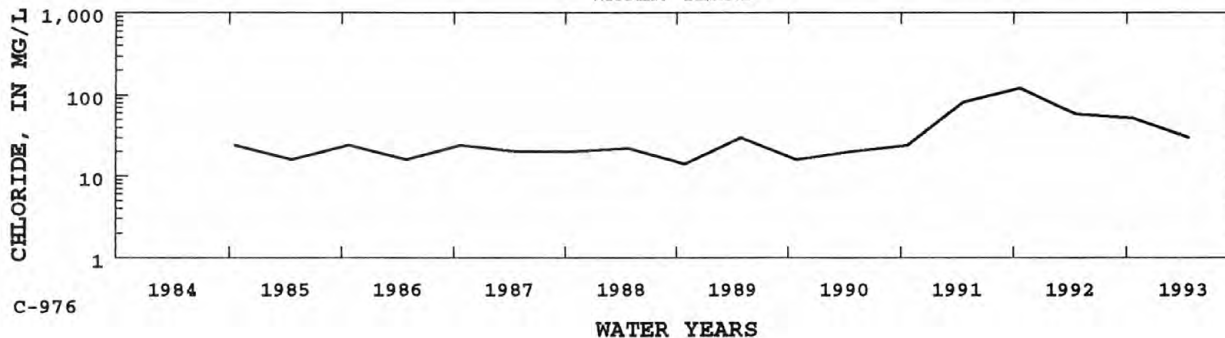
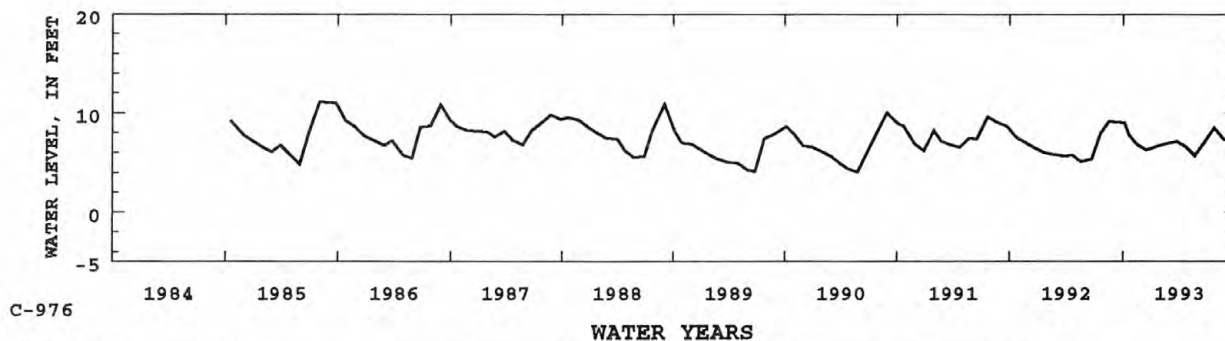
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.11 ft NGVD, Aug. 1, 1985; lowest measured, 4.08 ft NGVD, May 25, 1990.

260915081385901 - C - 976

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0930	--	--	9.03	19...	1000	882	30	6.57
19...	0705	926	52	7.77	MAY				
NOV					20...	1020	--	--	5.67
16...	0920	--	--	6.76	JUN				
DEC					22...	0845	--	--	7.27
14...	1015	--	--	6.26	JUL				
JAN					21...	0935	--	--	8.48
19...	0815	--	--	6.64	AUG				
FEB					23...	0835	--	--	7.21
16...	0900	--	--	6.91					
MAR									
22...	0905	--	--	7.09					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

179

WELL NUMBER.--260915081385902. Local Number C 977.

LOCATION.--Lat 26°09'15", long 81°38'59", in SW1/4SW1/4 sec.31, T.49 S., R.27 E., Hydrologic Unit 03090204, 50 ft south of State Road 84, 0.5 mi east of mile marker 2 and 9 mi east of Naples. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 140 ft, cased to 75 ft, open hole 75 to 140 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.99 ft above land-surface datum.

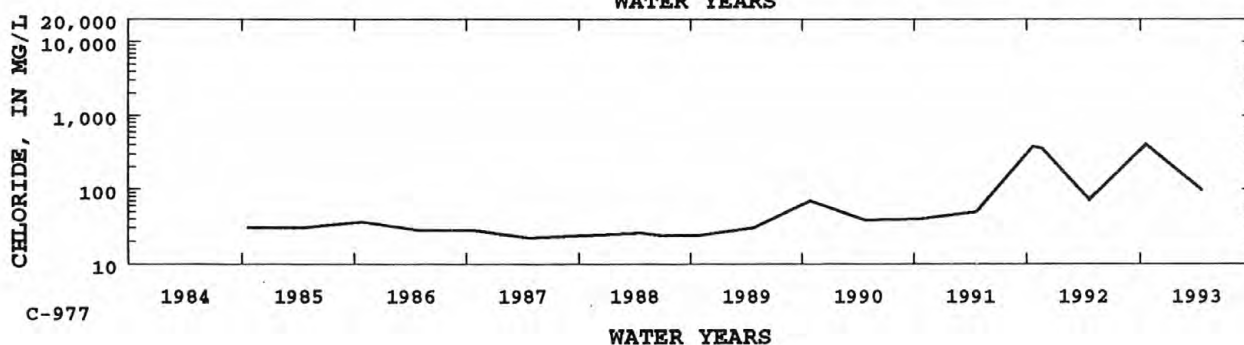
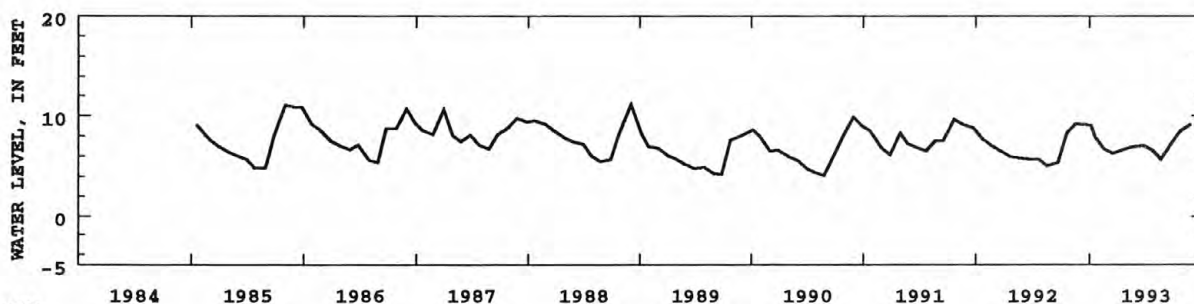
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.15 ft NGVD, Sept. 2, 1988; lowest measured, 4.08 ft NGVD, May 25, 1990.

260915081385902 - C - 977

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0725	--	--	9.04	19...	1005	1240	98	6.56
19...	0710	2040	400	7.81	MAY				
NOV					20...	1020	--	--	5.68
16...	0920	--	--	6.73	JUN				
DEC					22...	0845	--	--	7.30
14...	1010	--	--	6.23	JUL				
JAN					21...	0935	--	--	8.48
19...	0815	--	--	6.62	AUG				
FEB					23...	0805	--	--	9.10
16...	0855	--	--	6.89					
MAR									
22...	0905	--	--	7.06					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260919081460501. Local Number C 1052.

LOCATION.--Lat 26°09'19", long 81°46'05", in SE1/4SE1/4 sec.35, T.49 S., R.25 E., Hydrologic Unit 03090204, 250 ft west and 1100 ft north of Junction of SR 31 and SR 856, 1.5 mi east of Naples Post Office. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, 15 ft 0.020 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.50 ft above land-surface datum.

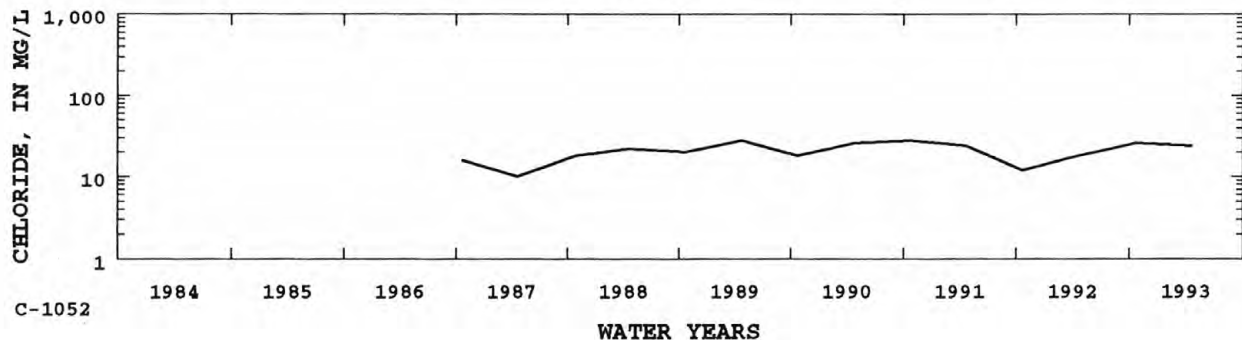
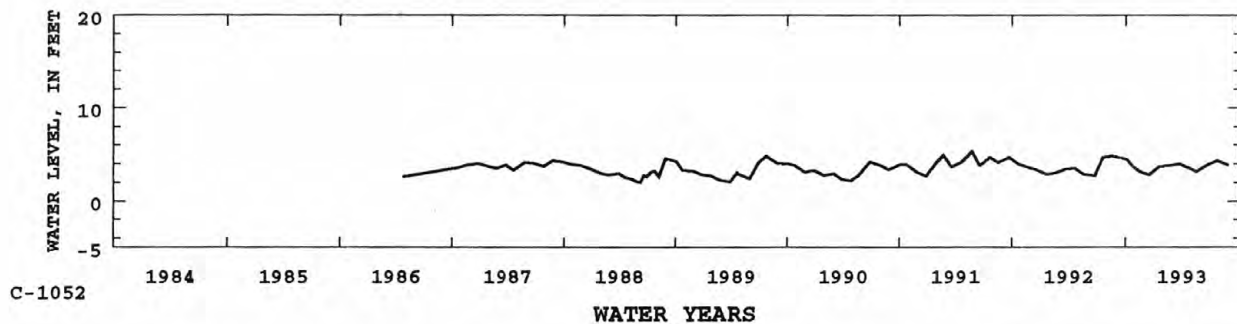
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.34 ft NGVD, May 25, 1991; lowest measured, 1.96 ft NGVD, June 6, 1988.

260919081460501 - C -1052

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	0900	--	--	4.51	20...	1255	452	24	3.57
23...	0830	497	26	3.79	MAY				
NOV					18...	1035	--	--	3.15
16...	0935	--	--	3.19	JUN				
DEC					23...	1220	--	--	3.90
16...	1020	--	--	2.80	JUL				
JAN					22...	1015	--	--	4.39
20...	1045	--	--	3.72	AUG				
FEB					26...	1015	--	--	3.86
16...	1100	--	--	3.82					
MAR									
22...	0940	--	--	4.01					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

181

WELL NUMBER.--260919081460502. Local Number C 1053.

LOCATION.--Lat 26°09'19", long 81°46'05", in SE1/4SE1/4 sec.35, T.49 S., R.25 E., Hydrologic Unit 03090204, 250 ft west and 1100 ft north of Junction of SR 31 and SR 856, 1.5 mi east of Naples Post Office. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 125 ft, cased to 82 ft, 43 ft open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.52 ft above land-surface datum.

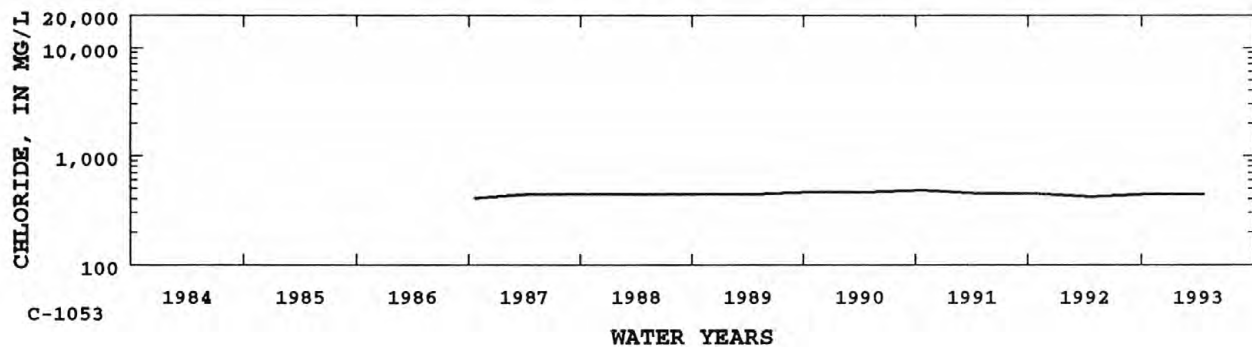
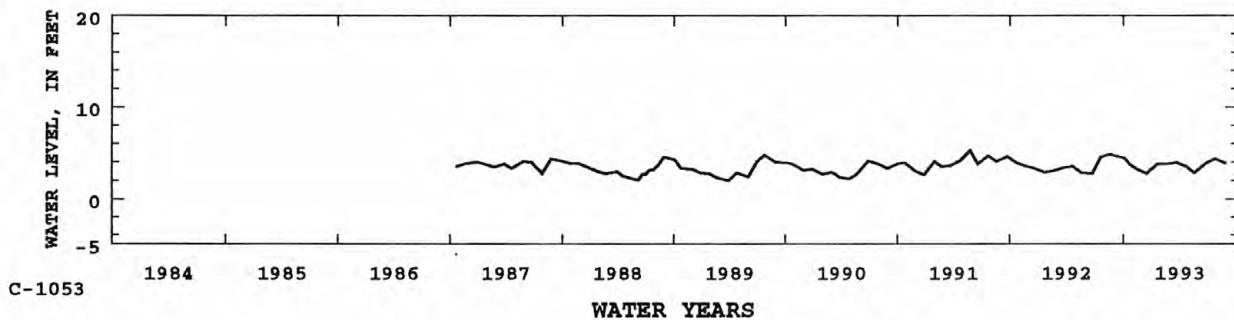
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.30 ft NGVD, May 25, 1991; lowest measured, 2.01 ft NGVD, Mar. 29, 1989.

260919081460502 - C -1053

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	AS	NGVD			DUCT-	AS	NGVD
(US/CM)	(MG/L		CL)	(FEET)	(US/CM)	(MG/L		CL)	(FEET)
OCT					APR				
06...	0900	--	--	4.46	20...	1255	2170	440	3.54
23...	0845	2170	440	3.74	MAY				
NOV					18...	1035	--	--	2.83
16...	0940	--	--	3.14	JUN				
DEC					23...	1220	--	--	3.85
16...	1030	--	--	2.76	JUL				
JAN					22...	1015	--	--	4.36
20...	1050	--	--	3.76	AUG				
FEB					26...	1020	--	--	3.83
16...	1100	--	--	3.78					
MAR									
22...	0935	--	--	3.96					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260925081475101. Local Number C 1062.

LOCATION.--Lat 26°09'25", long 81°47'51", in NW1/4SW1/4 sec.34, T.49 S., R.25 E., Hydrologic Unit 03090204, 15 ft south of South Golf Drive and 100 ft west of U.S. Highway 41, 2.8 mi northwest of Collier County Government Center. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 24 ft, cased to 10 ft, 14 ft of 0.02 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.77 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 3.20 ft above land-surface datum.

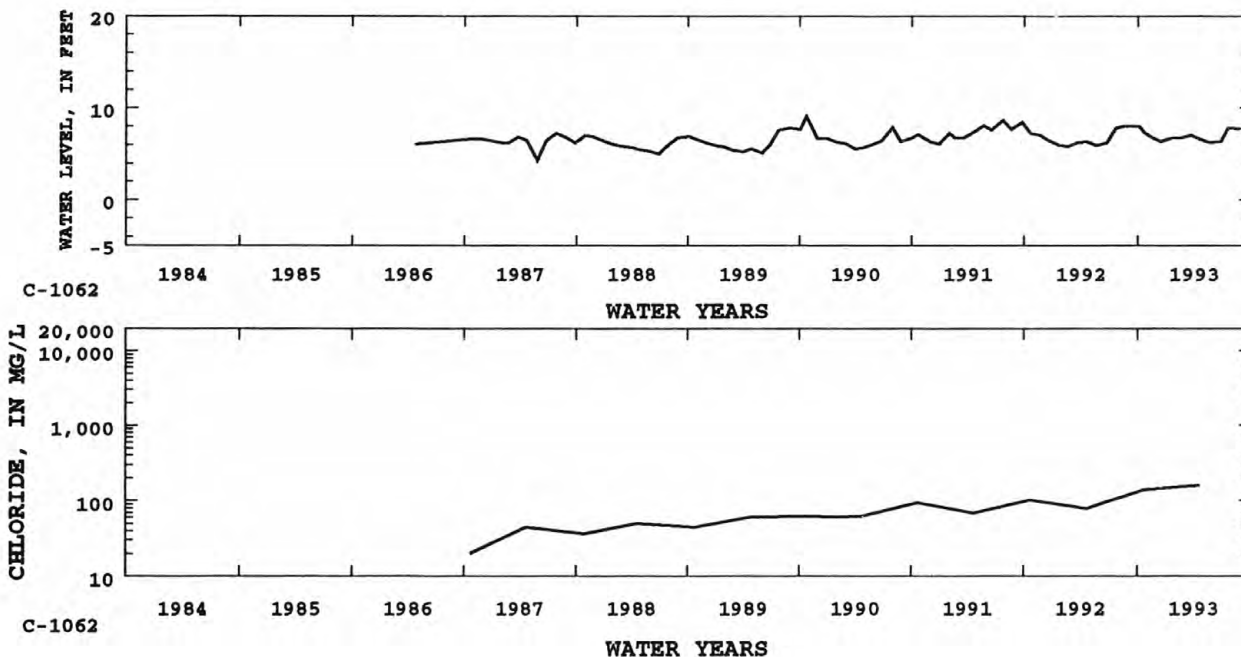
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.04 ft NGVD, Oct. 24, 1989; lowest measured, 4.31 ft NGVD, May 26, 1987.

260925081475101 - C -1062

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
CON-	DUCT-	ANCE	DIS-	SOLVED	CON-	DUCT-	ANCE	DIS-	SOLVED
(US/CM)	AS CL)	(MG/L	NGVD	(FEET)	(US/CM)	AS CL)	(MG/L	NGVD	(FEET)
OCT					APR				
06...	1100	--	--	8.03	19...	1520	1210	160	6.61
22...	1000	1180	140	7.33	MAY				
NOV					18...	1355	--	--	6.25
17...	0950	--	--	6.75	JUN				
DEC					25...	0820	--	--	6.37
15...	1000	--	--	6.35	JUL				
JAN					19...	1120	--	--	7.81
29...	1320	--	--	6.77	AUG				
FEB					27...	1110	--	--	7.70
18...	1455	--	--	6.74					
MAR									
22...	1255	--	--	7.03					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

183

WELL NUMBER.--260925081475201. Local Number C 472A.

LOCATION.--Lat 26°09'25", long 81°47'52", in NW1/4SW1/4 sec.34, T.49 S., R.25 E., Hydrologic Unit 03090204, south of South Golf Drive, 400 ft west of U.S. Highway 41 at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 70.2 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 14.69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. casing at land-surface datum.

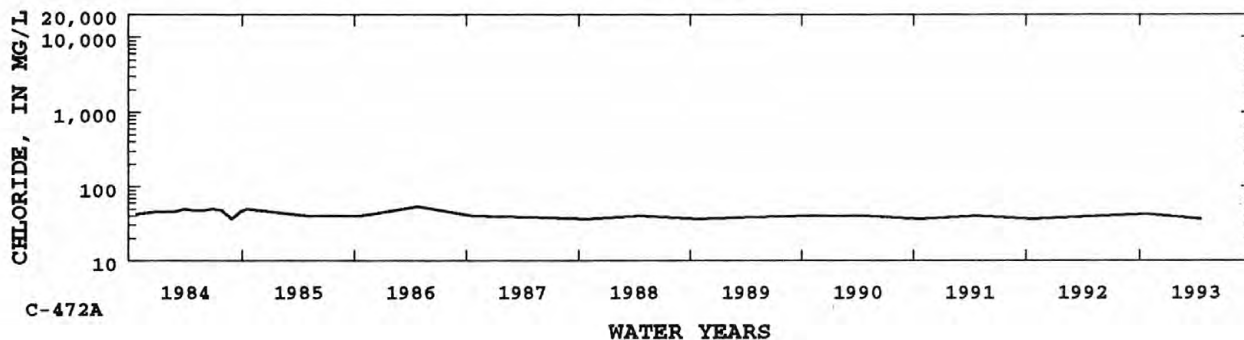
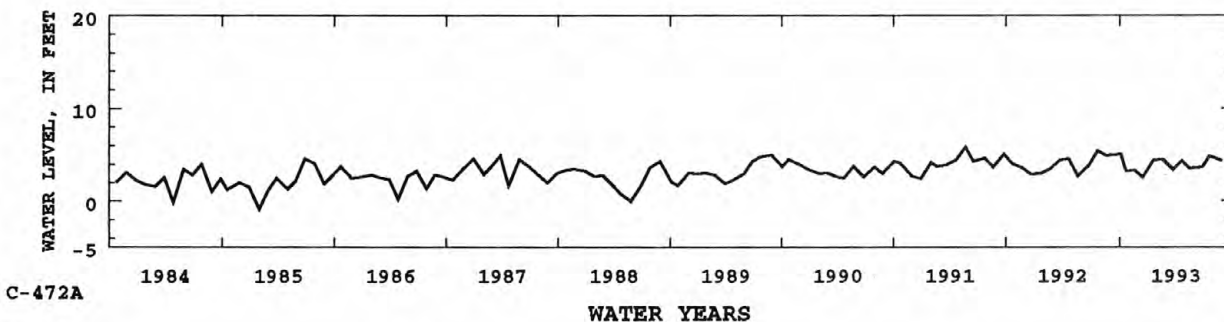
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1973 to current year. Records of water levels prior to October 1983 are in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.79 ft NGVD, May 22, 1991; lowest measured, 0.85 ft below NGVD, Jan. 29, 1985.

260925081475201 - C - 472A

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS CL)	(FEET)				AS CL)	(FEET)			
OCT					APR				
06...	1105	--	--	5.04	19...	1540	629	36	4.27
22...	1020	620	42	3.21	MAY				
NOV					16...	1355	--	--	3.51
17...	0955	--	--	3.29	JUN				
DEC					25...	0825	--	--	3.66
15...	1005	--	--	2.53	JUL				
JAN					19...	1120	--	--	4.85
20...	1415	--	--	4.44	AUG				
FEB					27...	1115	--	--	4.34
18...	1500	--	--	4.46					
MAR									
22...	1255	--	--	3.37					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--260941081324201. Local Number C 974.

LOCATION.--Lat 26°09'41", long 81°32'43", in SW1/4NE1/4 sec.31, T.49 S., R.28 E., Hydrologic Unit 03090204, 30 ft south of 38th Street, 100 ft west of Everglades Boulevard, 0.5 mi north of State Road 84 and 15.75 mi east of Naples. Owner: South Florida Water Management District.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 460 ft, cased to 400 ft, open hole 400 to 460 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 10.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

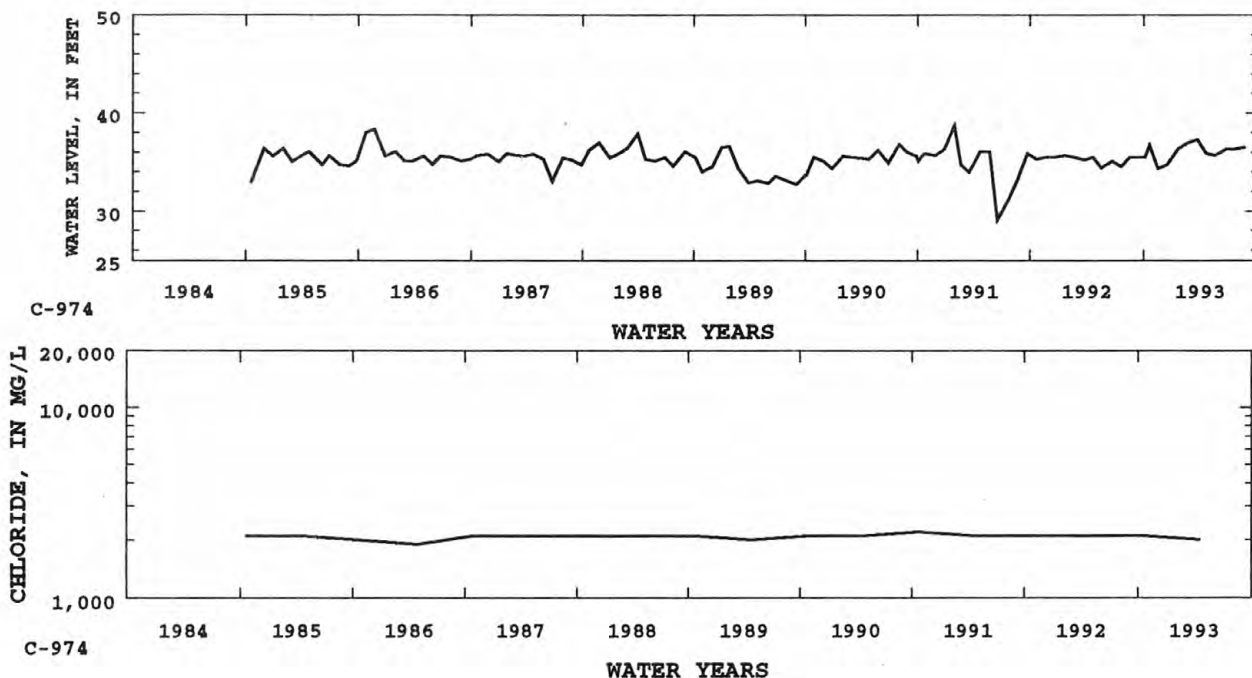
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.7 ft NGVD, Jan. 28, 1991; lowest measured, 29.1 ft NGVD, June 17, 1991.

260941081324201 - C - 974

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	CON-	DUCT-	DIS-	SOLVED	ANCE	CON-	DUCT-	DIS-	SOLVED
(US/CM)	(MG/L	AS CL)	NGVD	(FEET)	(US/CM)	(MG/L	AS CL)	NGVD	(FEET)
OCT					APR				
05...	1120	--	--	35.50	19...	1630	7400	2000	35.90
19...	1315	7400	2100	36.70	MAY				
NOV					20...	1430	--	--	35.70
16...	1300	--	--	34.30	JUN				
DEC					22...	1210	--	--	36.30
14...	1310	--	--	34.70	JUL				
JAN					21...	1300	--	--	36.30
19...	1205	--	--	36.30	AUG				
FEB					23...	1240	--	--	36.50
16...	1215	--	--	36.90					
MAR									
23...	1045	--	--	37.30					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

185

WELL NUMBER.--260948081483301. Local Number C 524.

LOCATION.--Lat 26°09'43", long 81°48'33", in SE1/4NW1/4 sec.33, T.49 S., R.25 E., Hydrologic Unit 03090204, 5 ft north of Banyan Boulevard, 15 ft west of Gulf Shore Boulevard and 1.2 mi west of the new Naples Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 80 ft, cased to 63 ft, open hole 63 to 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 4.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

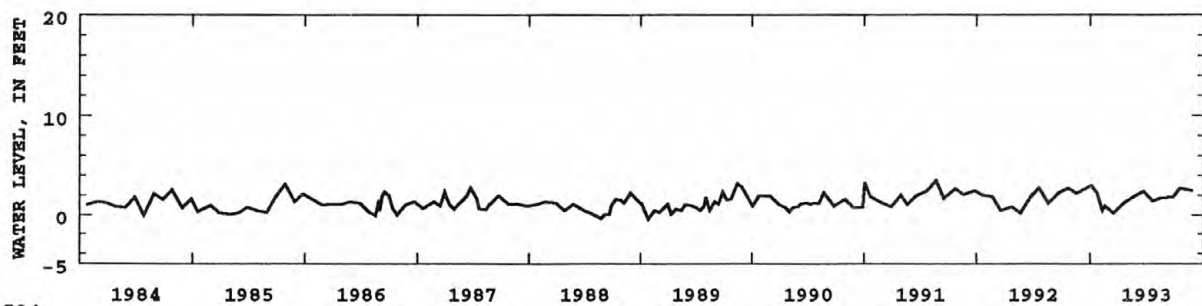
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1973 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

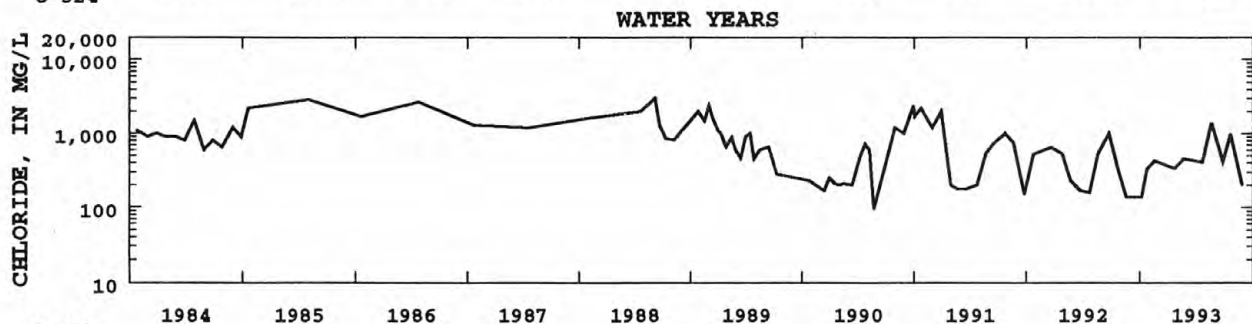
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.48 ft NGVD, May 22, 1991; lowest measured, 0.63 ft below NGVD, Apr. 20, 1982.

260948081483301 - C - 524

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
06...	1115	758	140	2.92	22...	1305	--	--	2.34
23...	1305	1410	330	2.19	APR				
NOV					20...	0930	1800	410	1.38
09...	0810	--	--	0.42	MAY				
17...	1010	1760	430	0.90	18...	1405	5180	1400	1.73
DEC					JUN				
15...	1015	1630	390	0.17	25...	0840	1800	410	1.81
JAN					JUL				
21...	1045	1540	340	1.29	19...	1130	3950	970	2.69
FEB					AUG				
18...	1530	1830	450	1.88	27...	1130	920	200	2.46



C-524



C-524

WATER YEARS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261002081483701. Local Number C 525.

LOCATION.--Lat 26°09'43", long 81°48'37", in SW1/4NW1/4 sec.33, T.49 S., R.25 E., Hydrologic Unit 03090204, in median strip on Gulf Shore Boulevard in front of Gulf Shore Country Club and 0.35 mi north of Banyan Boulevard 1.3 mi west of the new Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 83 ft, cased to 63 ft, open hole 63 to 83 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

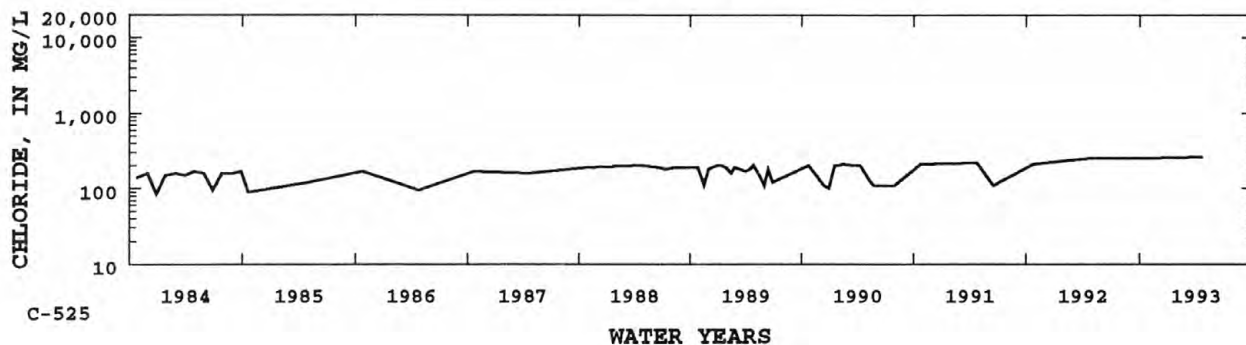
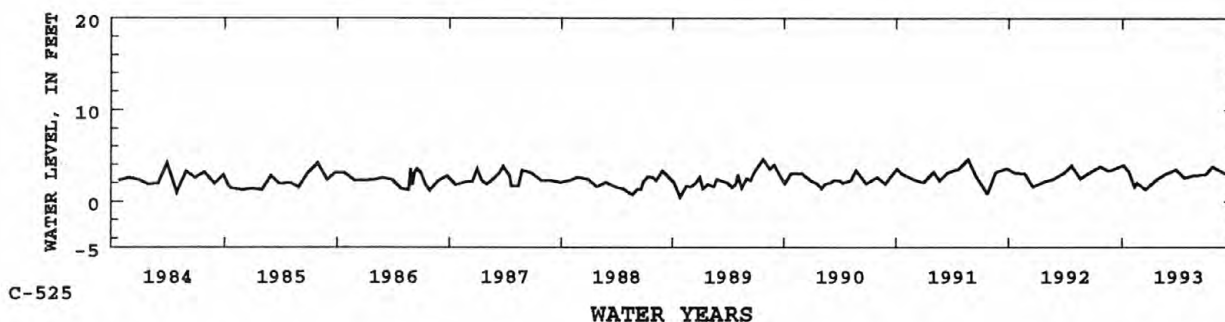
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1973 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.56 ft NGVD, May 22, 1991; lowest measured, 0.78 ft below NGVD, May 7, 1974.

261002081483701 - C - 525

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ABOVE	ANCE	ANCE	CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
(US/CM)	(US/CM)	(US/CM)	(MG/L AS CL)	(FEET)	(US/CM)	(US/CM)	(US/CM)	(MG/L AS CL)	(FEET)
OCT					MAR				
06...	1135	--	--	3.94	22...	1520	--	--	3.42
23...	1320	1190	250	3.26	APR				
NOV					20...	0945	1220	260	2.51
09...	0815	--	--	1.56	MAY				
17...	1015	--	--	1.99	18...	1415	--	--	2.85
DEC					JUN				
15...	1020	--	--	1.30	25...	0845	--	--	2.88
JAN					JUL				
21...	1100	--	--	2.44	19...	1140	--	--	3.79
FEB					AUG				
18...	1540	--	--	2.99	27...	1140	--	--	3.01



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

187

WELL NUMBER.--261003081475801. Local Number C 123.

LOCATION.--Lat 26°10'03", long 81°47'58", in SW1/4SW1/4 sec.28, T.49 S., R.25 E., Hydrologic Unit 03090204, in church parking lot on the north side of Orchid Drive, 150 ft east of U.S. Highway 41 in Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 157 ft, cased to 96.6 ft, open hole 96.6 to 157 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. casing, 0.37 ft above land-surface datum.

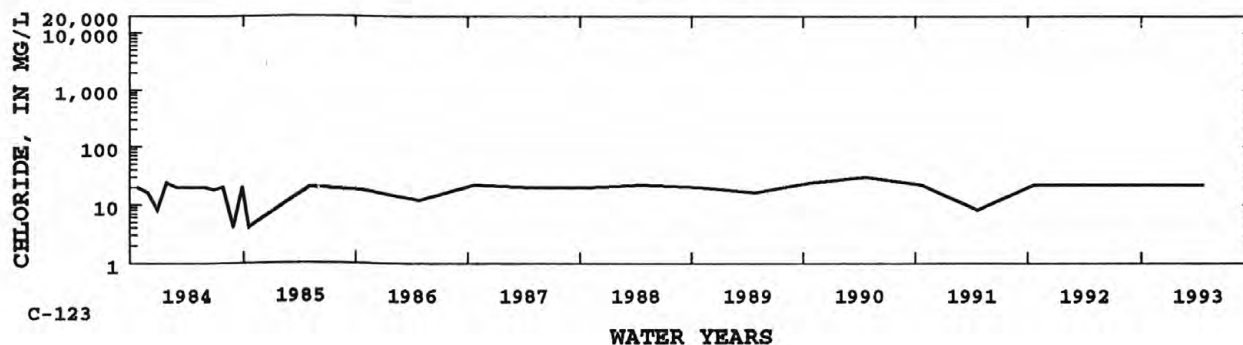
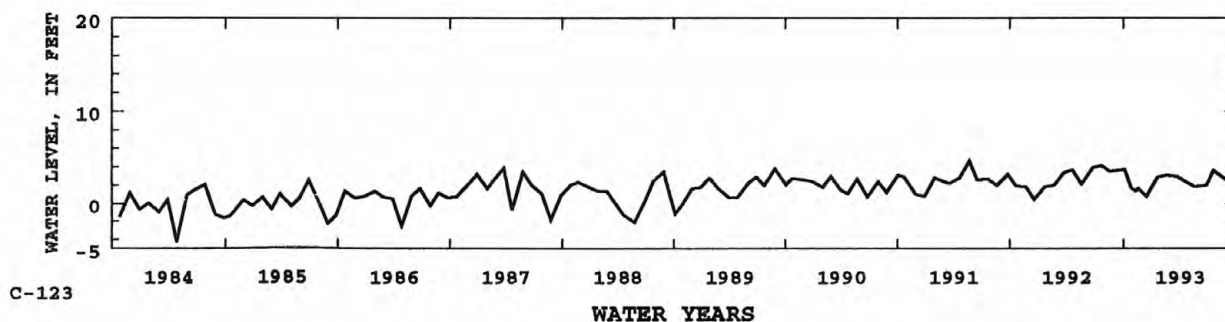
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1952 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.60 ft NGVD, Oct. 10, 1973; lowest measured, 5.12 ft below NGVD, May 7, 1974.

261003081475801 - C - 123

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					MAR				
06...	1055	--	--	3.75	22...	1515	--	--	2.95
26...	0825	455	22	1.71	APR				
NOV					19...	1510	453	22	2.43
09...	0800	--	--	1.39	MAY				
17...	0945	--	--	1.65	18...	1350	--	--	1.88
DEC					JUN				
15...	0955	--	--	0.83	25...	0815	--	--	2.02
JAN					JUL				
20...	1420	--	--	2.91	19...	1115	--	--	3.58
FEB					AUG				
18...	1445	--	--	3.07	27...	1105	--	--	2.60



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261018081484101. Local Number C 526.

LOCATION.--Lat 26°10'16", long 81°48'42", in NW1/4SW1/4 sec.28, T.49 S., R.25 E., Hydrologic Unit 03090204, at the southeast corner of Gulf Shore Boulevard and Mooring Line Drive, 1.3 mi northwest of the new Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 68 ft, cased to 63 ft, open hole 63 to 68 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

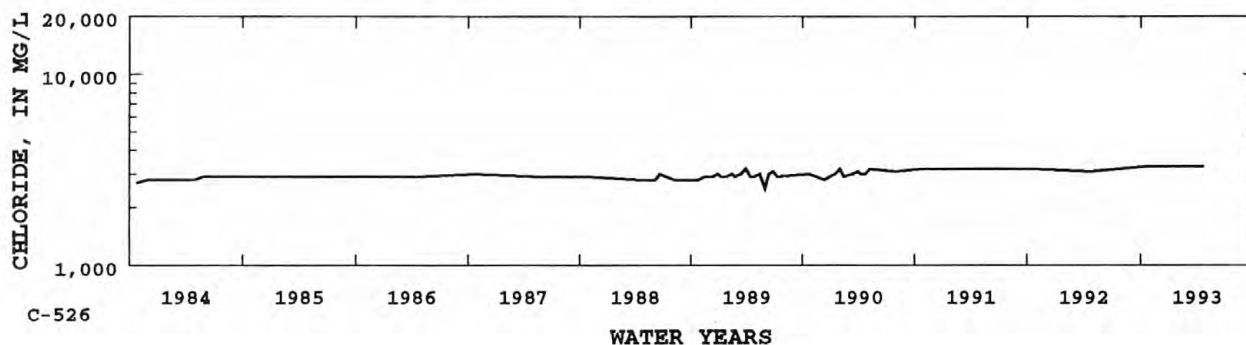
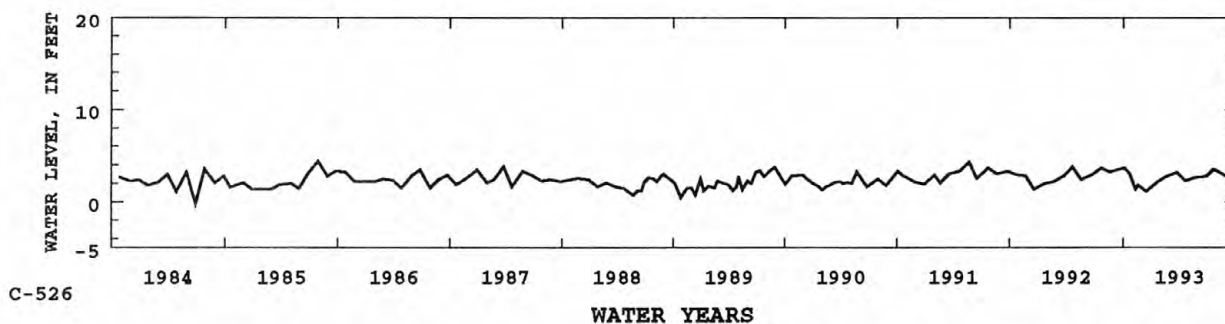
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1973 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.39 ft NGVD, July 29, 1985; lowest measured, 0.47 ft below NGVD, May 7, 1974.

261018081484101 - C - 526

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS	CL)	(FEET)			AS	CL)	(FEET)		
OCT					MAR				
06...	1140	--	--	3.67	22...	1525	--	--	3.15
23...	1330	10200	3300	3.03	APR				
NOV					20...	0950	10800	3300	2.25
09...	0820	--	--	1.39	MAY				
17...	1020	--	--	1.75	18...	1415	--	--	2.63
DEC					JUN				
15...	1025	--	--	1.13	25...	0850	--	--	2.73
JAN					JUL				
21...	1010	--	--	2.18	19...	1145	--	--	3.54
FEB					AUG				
18...	1550	--	--	2.72	27...	1145	--	--	2.86



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

189

WELL NUMBER.--261000080520001. Local Number C 54.

LOCATION.--Lat 26°10'18", long 80°53'02", in SW1/4SE1/4 sec.36, T.49 S., R.34 E., Hydrologic Unit 03090204, on the south side of State Road 84, 0.3 mi west of Broward/Collier Line, 2.4 mi west of pump station 140 and 6.0 mi south of Big Cypress Indian Reservation. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 8.5 ft, cased to 7.2 ft, gravel-packed 7.2 to 8.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 12.86 ft above National Geodetic Vertical Datum of 1929. Measuring point: recorder shelf, 2.88 ft above land-surface datum.

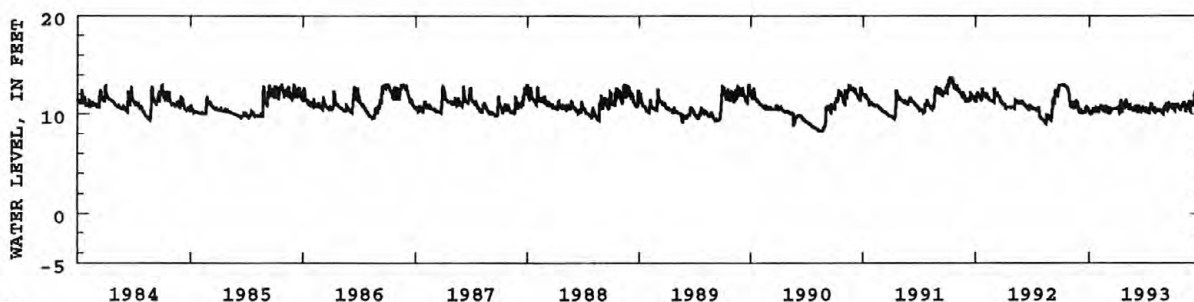
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--February 1951 to current year.

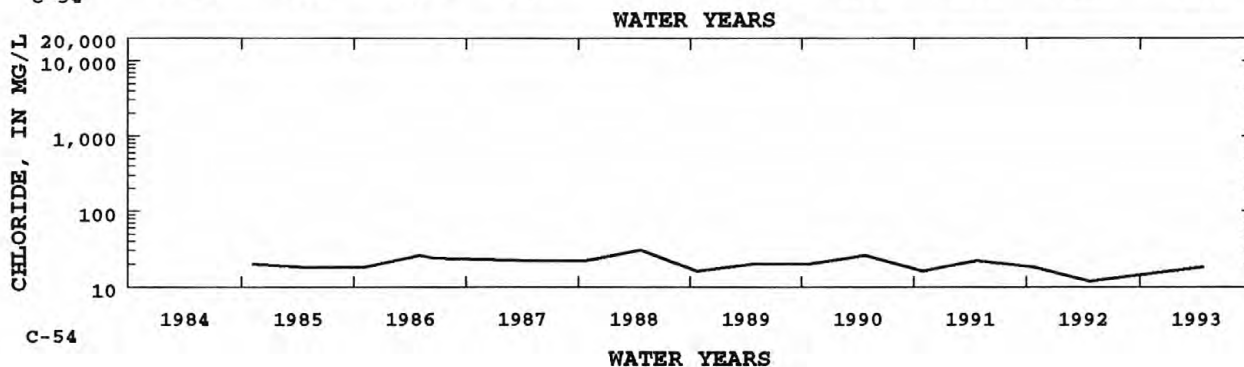
EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.81 ft NGVD, Oct. 9, 1953; lowest, 7.81 ft NGVD, June 13, 1962.

STATION NUMBER 261000080520001 C - 54
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.11	10.58	10.37	10.44	10.55	10.24	10.52	10.48	10.76	10.97	10.62	12.11
10	10.32	10.51	10.44	11.47	10.70	10.70	10.25	10.49	10.41	10.70	10.61	12.22
15	10.29	10.52	10.54	10.16	10.50	10.53	10.59	10.40	10.96	10.63	10.85	11.55
20	10.57	10.53	10.56	10.82	10.29	10.28	10.48	10.27	10.91	10.55	10.38	10.87
25	10.37	10.43	10.57	11.13	10.38	10.54	10.49	10.10	10.61	10.89	11.10	10.86
EOM	10.14	10.60	10.59	10.87	10.66	10.20	10.09	10.63	10.73	11.00	10.85	10.91
MEAN	10.35	10.55	10.52	10.82	10.58	10.42	10.47	10.37	10.75	10.76	10.81	11.42
MAX	10.68	10.95	10.68	11.52	10.99	10.76	11.19	10.71	11.11	11.19	11.30	12.33
MIN	10.02	10.14	10.12	10.16	10.26	10.14	10.09	10.01	10.35	10.33	10.21	10.63
CAL YR 1992	MEAN 10.78	MAX 12.98	MIN 9.08									
WTR YR 1993	MEAN 10.65	MAX 12.33	MIN 10.01									



C-54



C-54

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261023081470701. Local Number C 161.

LOCATION.--Lat 26°10'23", long 81°47'07", in NE1/4SE1/4 sec.27, T. 49 S., R.25 E., Hydrologic Unit 03090204, 160 ft south of Golden Gate Parkway, 1.0 mi northeast of Naples Post Office and 1.1 mi west of North Naples Road. Owner: Tibbitts Grove.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 165 ft, cased to 140 ft, open hole 140 to 165 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 3.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.30 ft above land-surface datum.

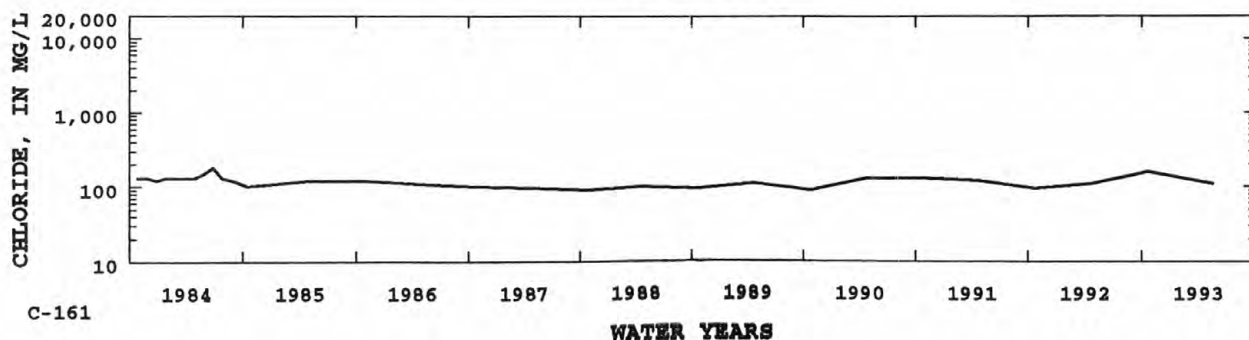
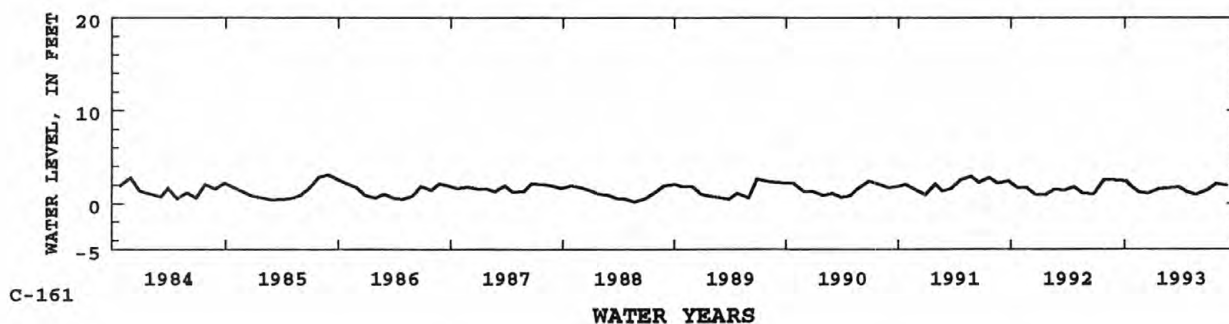
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1971 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.88 ft NGVD, May 25, 1991; lowest measured, 1.86 ft below NGVD, May 13, 1976.

261023081470701 - C - 161

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
06...	0915	--	--	2.43	20...	1245	--	--	1.24
21...	1220	959	160	1.88	MAY				
NOV					18...	1015	897	110	0.95
16...	0930	--	--	1.22	JUN				
DEC					23...	1205	--	--	1.40
16...	1020	--	--	1.08	JUL				
JAN					22...	1005	--	--	2.09
20...	1035	--	--	1.58	AUG				
FEB					26...	1010	--	--	1.95
16...	1055	--	--	1.65					
MAR									
22...	0925	--	--	1.79					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

191

WELL NUMBER.--261024081480102. Local Number C 409.

LOCATION.--Lat 26°10'24", long 81°48'01", in NE1/4SE1/4 sec.28, T.49 S., R.25 E., Hydrologic Unit 03090204, on west side of U.S. Highway 41, 150 ft south of Mooring Line Drive at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 1.25 in., depth 16 ft, cased to 14 ft, open hole 14 to 16 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Recorder shelf, 3.59 ft above land-surface datum.

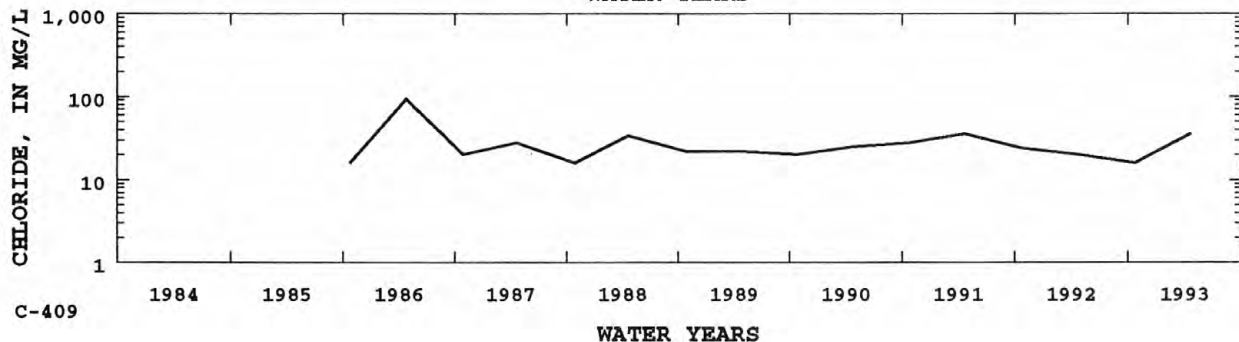
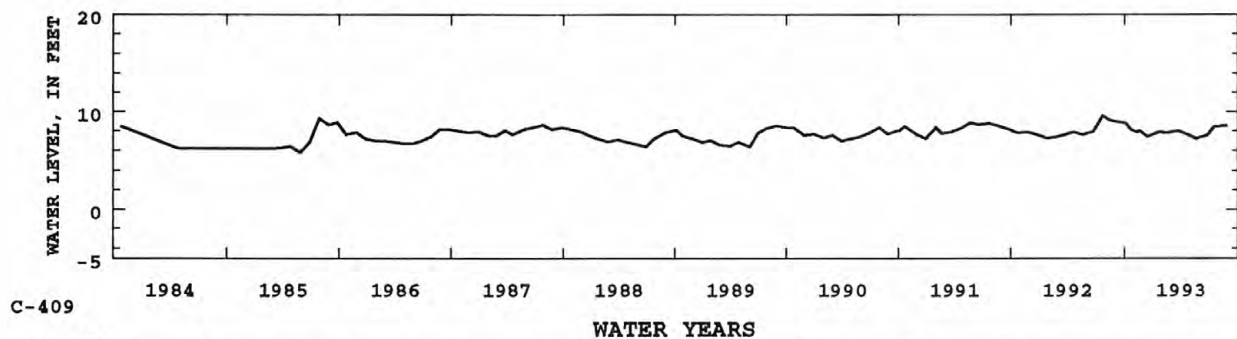
REMARKS.--Well also sampled for water quality. Water levels affected by pumping of nearby wells.

PERIOD OF RECORD.--November 1964 to April 1984 (intermittent). February 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.53 ft NGVD, July 23, 1992; lowest measured, 4.59 ft below NGVD, May 12, 1975.

261024081480102 - C - 409

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
06...	1040	--	--	8.84	22...	1500	--	--	8.03
23...	1410	555	16	8.15	APR				
NOV					19...	1430	286	36	7.69
09...	0750	--	--	7.88	MAY				
17...	0940	--	--	8.04	18...	1340	--	--	7.26
DEC					JUN				
15...	0950	--	--	7.43	25...	0935	--	--	7.59
JAN					JUL				
20...	1435	--	--	7.89	19...	1100	--	--	8.51
FEB					AUG				
18...	1420	--	--	7.81	27...	1100	--	--	8.56



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS COLLIER COUNTY

WELL NUMBER.--261024081480101. Local Number C 409A.

LOCATION.--Lat 26°10'25", long 81°48'01", in NE1/4SE1/4 sec.28, T.49 S., R.25 E., Hydrologic Unit 03090204, on west side of U.S. Highway 41, 150 ft South of Mooring Line Drive at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 73 ft, cased to 63 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 12.75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Recorder shelf 3.59 ft above land-surface datum.

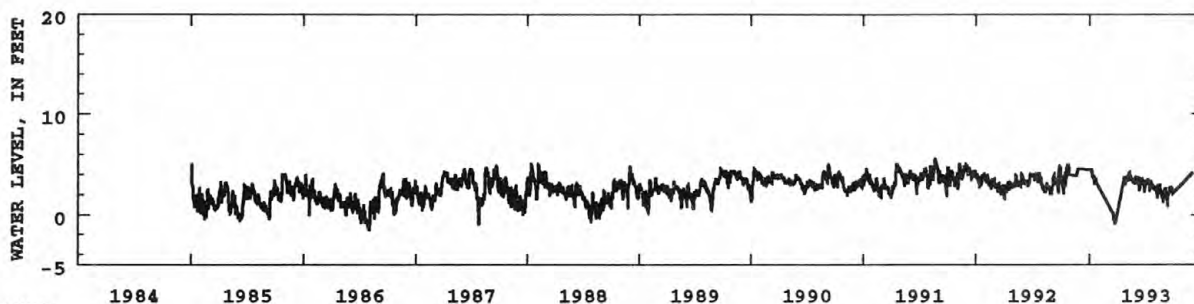
REMARKS.--Well also sampled for water quality. Water levels affected by pumping of nearby wells.

PERIOD OF RECORD.--September 1973 to September 1984 (monthly), October 1984 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

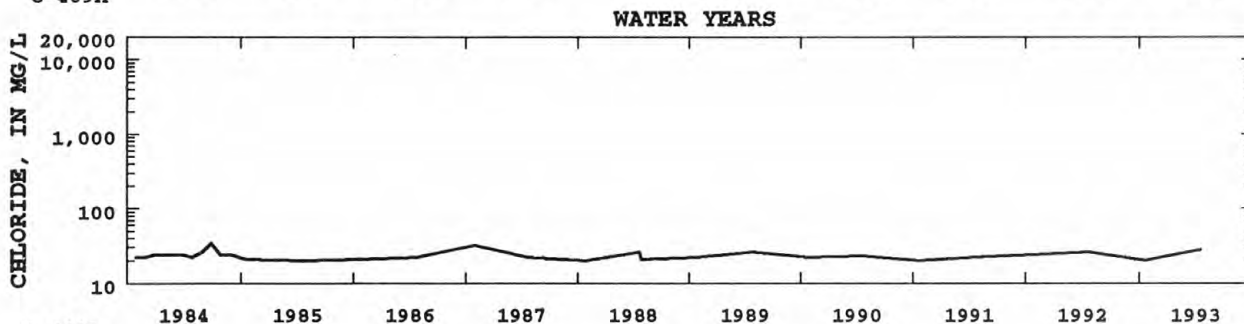
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.63 ft NGVD, July 27, 1984; lowest measured, 5.30 ft below NGVD, May 7, 1974.

STATION NUMBER 261024081480101 C - 409A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	4.07	3.69	3.28	2.05	2.15	---	---	---
10	3.72	---	---	---	---	2.34	3.41	2.97	2.00	---	---	---
15	3.85	---	---	---	---	3.20	3.08	2.70	2.73	---	---	---
20	3.32	---	-0.84	---	3.27	3.33	2.85	2.22	2.70	---	---	---
25	---	---	---	3.07	3.28	2.84	2.66	1.88	2.09	---	---	---
EOM	---	---	---	3.61	3.75	3.06	2.73	2.59	---	---	---	---
MEAN	---	---	---	---	---	3.16	2.95	2.29	---	---	---	---
MAX	---	---	---	---	---	3.69	3.52	2.97	---	---	---	---
MIN	---	---	---	---	---	2.27	2.30	1.22	---	---	---	---



C-409A



C-409A

WATER YEARS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

193

WELL NUMBER.--261048081484801. Local Number C 527.

LOCATION.--Lat 26°10'48", long 81°48'48", in NW1/4NW1/4 sec.28, T.49 S., R.25 E., Hydrologic Unit 03090204, 18 ft south of Harbour Drive, 25 ft east of Gulf Shore Boulevard 1.9 mi northwest of the New Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 71.5 ft, cased to 63 ft, open hole 63 to 71.5 ft.

INSTRUMENTATION.--Monthly measurements with chalked tape.

DATUM.--Land-surface datum is 5.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

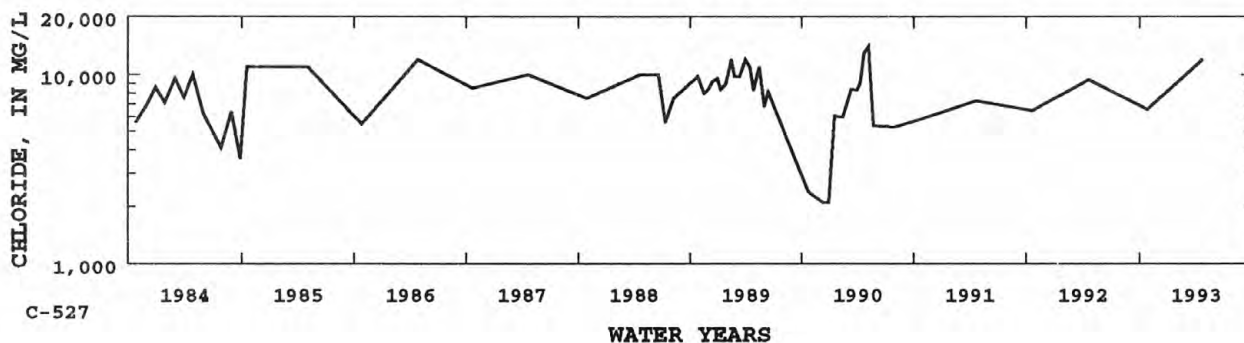
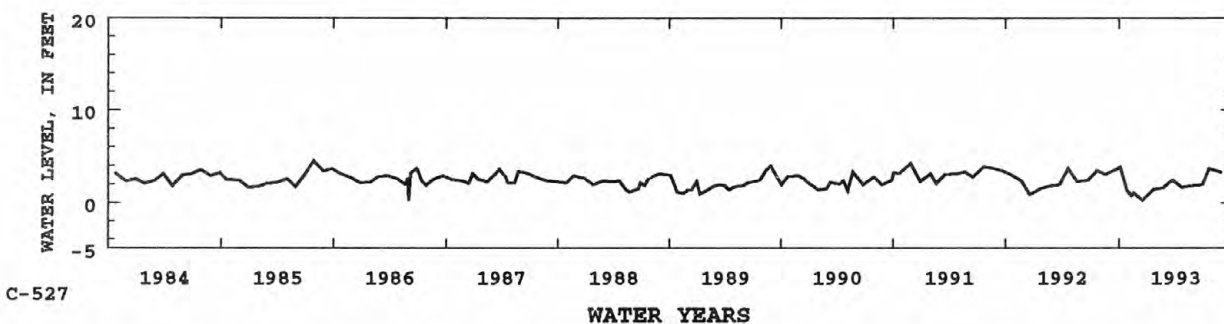
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1973 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.48 ft NGVD, July 29, 1985; lowest measured, 0.22 ft NGVD, June 2, 1986.

261048081484801 - C - 527

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					MAR				
06...	1150	--	--	3.79	22...	1530	--	--	2.39
26...	0840	20300	6600	1.34	APR				
NOV					20...	1005	35400	12000	1.63
09...	0825	--	--	0.76	MAY				
17...	1025	--	--	1.04	18...	1420	--	--	1.80
DEC					JUN				
15...	1030	--	--	0.23	25...	0945	--	--	1.91
JAN					JUL				
21...	1130	--	--	1.40	19...	1150	--	--	3.69
FEB					AUG				
18...	1550	--	--	1.58	27...	1150	--	--	3.28



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS COLLIER COUNTY

WELL NUMBER.--261103081474902. Local Number C 1000.

LOCATION.--Lat 26°11'03", long 81°47'49", in SW1/4SW1/4 sec.22, T.49 S., R.25 E., Hydrologic Unit 03090204, 21 ft north of Ridge Street, 0.25 mi east of U.S. Highway 41 and 2.8 mi north of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 24 ft, cased to 14 ft, screen 14 to 24 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.06 ft below land-surface datum.

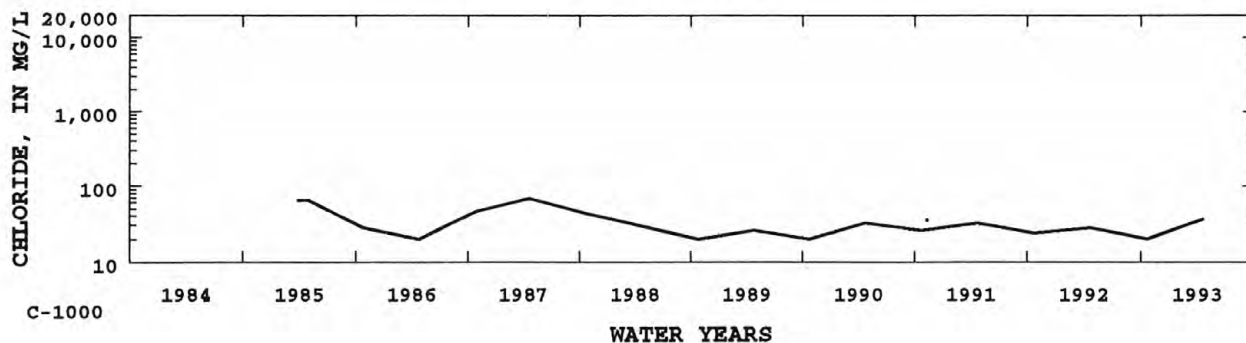
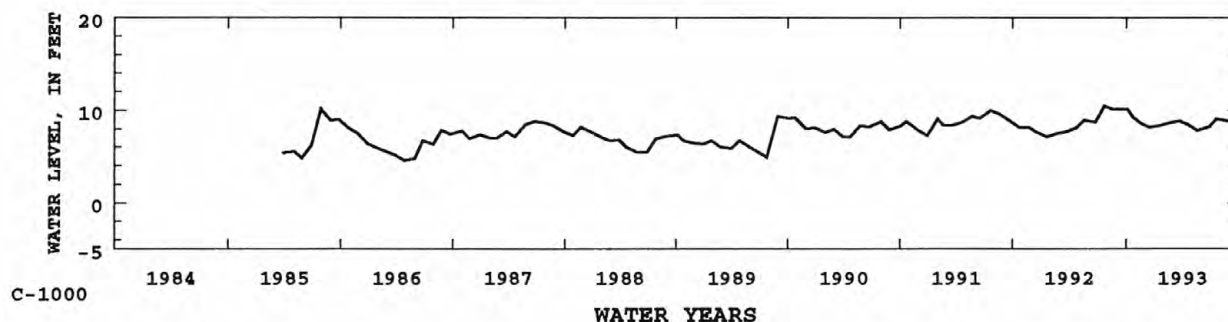
REMARKS.--Well also sampled for water quality. Replacement well for C 412.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.49 ft NGVD, July 23, 1992; lowest measured, 4.53 ft NGVD, Apr. 25, 1986.

261103081474902 - C -1000

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1015	--	--	10.16	19...	1355	414	36	8.48
21...	1355	267	20	9.30	MAY				
NOV					18...	1325	--	--	7.86
17...	0910	--	--	8.57	JUN				
DEC					25...	0955	--	--	8.25
15...	0935	--	--	8.16	JUL				
JAN					19...	1000	--	--	9.09
20...	1515	--	--	8.36	AUG				
FEB					27...	1220	--	--	8.91
18...	1400	--	--	8.70					
MAR									
22...	1400	--	--	8.91					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

195

WELL NUMBER.--261114081482301. Local Number C 474A.

LOCATION.--Lat 26°11'14", long 81°48'23", in NW1/4SE1/4 sec.21, T.49 S., R.25 E., Hydrologic Unit 03090204, 50 ft south of Anchor Rode Drive, 0.3 mi west of U.S. Highway 41 and 1.1 mi west of the new Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 72 ft, cased to 63 ft, open hole 63 to 72 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

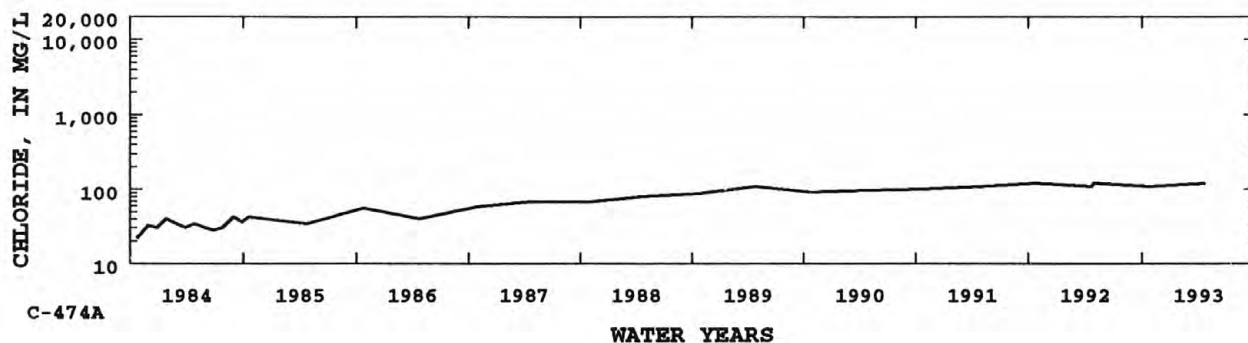
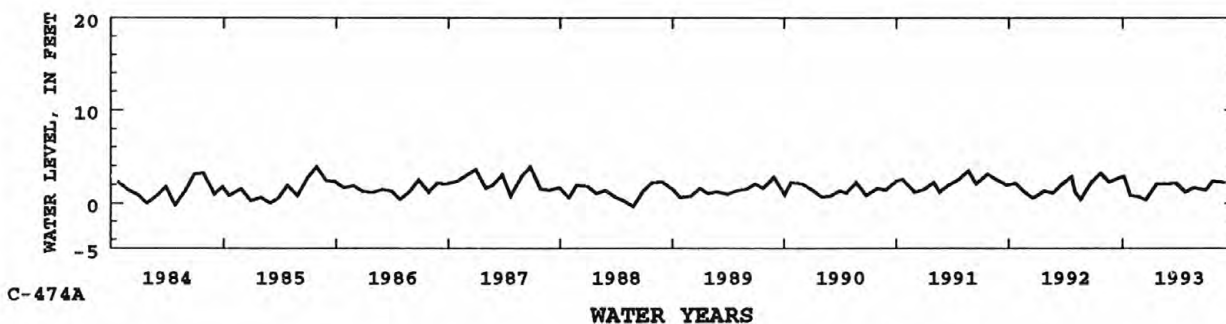
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1973 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.19 ft NGVD, Oct. 10, 1973; lowest measured, 1.73 ft below NGVD, May 7, 1974.

261114081482301 - C - 474A

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ABOVE	ANCE	ANCE	CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
(US/CM)	(US/CM)	(US/CM)	(MG/L AS CL)	(FEET)	(US/CM)	(US/CM)	(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1205	--	--	2.90	20...	1025	693	120	1.13
26...	0915	678	110	0.82	MAY				
NOV					18...	1435	--	--	1.66
17...	1040	--	--	0.77	JUN				
DEC					25...	1040	--	--	1.38
15...	1045	--	--	0.35	JUL				
JAN					19...	1200	--	--	2.35
20...	1540	--	--	2.04	AUG				
FEB					27...	1200	--	--	2.18
18...	1615	--	--	2.03					
MAR									
22...	1550	--	--	2.13					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS COLLIER COUNTY

WELL NUMBER.--261114081482302. Local Number C 474.

LOCATION.--Lat 26°11'14", long 81°48'23", in NW1/4SE1/4 sec.21, T.49 S., R.25 E., Hydrologic Unit 03090204, 50 ft south of Anchor Rode Drive, 0.3 mi west of U.S. Highway 41 and 1.1 mi west of new Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 1.25 in., depth 12.6 ft, cased to 11.1 ft, screened 11.1 to 12.6 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

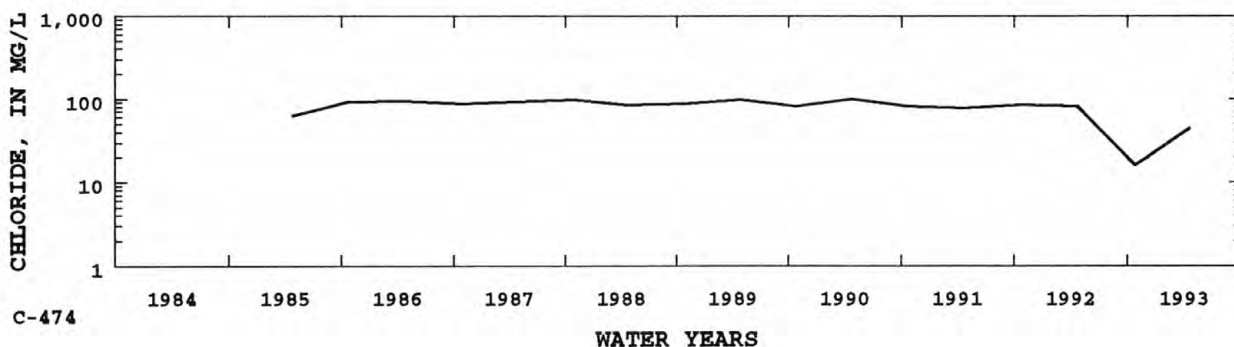
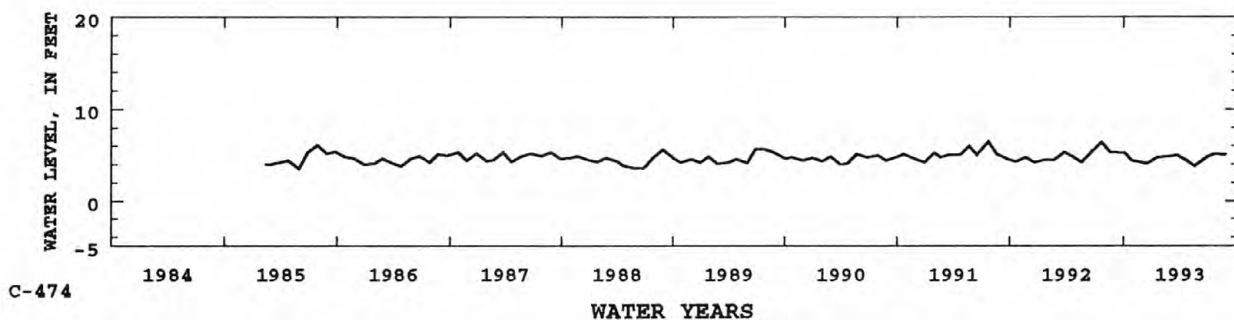
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--1971 to current year. Records of water levels prior to October 1984 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.42 ft NGVD, July 23, 1991; lowest measured, 3.23 ft NGVD, May 7, 1974.

261114081482302 - C - 474

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS	NGVD			SOLVED	AS	NGVD
(US/CM)	(MG/L)	(FEET)	(US/CM)	(MG/L)	(FEET)	(US/CM)	(MG/L)	(FEET)	(FEET)
OCT					APR				
06...	1200	--	--	5.29	20...	1025	513	44	4.43
26...	0930	241	16	4.41	MAY				
NOV					18...	1435	--	--	3.81
17...	1035	--	--	4.28	JUN				
DEC					25...	1040	--	--	4.80
15...	1040	--	--	4.10	JUL				
JAN					19...	1200	--	--	5.13
20...	1545	--	--	4.80	AUG				
FEB					27...	1200	--	--	5.04
18...	1615	--	--	4.81					
MAR									
22...	1350	--	--	4.94					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

197

WELL NUMBER.--261116081480303. Local Number C 1001.

LOCATION.--Lat 26°11'16", long 81°48'03", in NE1/4SE1/4 sec.21, T.49 S., R.25 E., Hydrologic Unit 03090204, 15 ft south of Anchor Rode Drive, 200 ft west of U.S. Highway 41 and 1 mi west of Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 24 ft, cased to 14 ft, screened 14 to 24 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. PVC at land-surface datum.

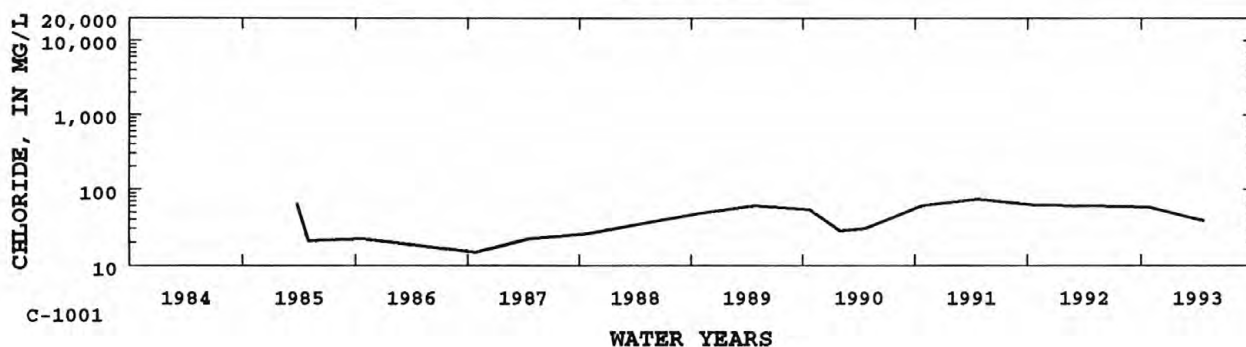
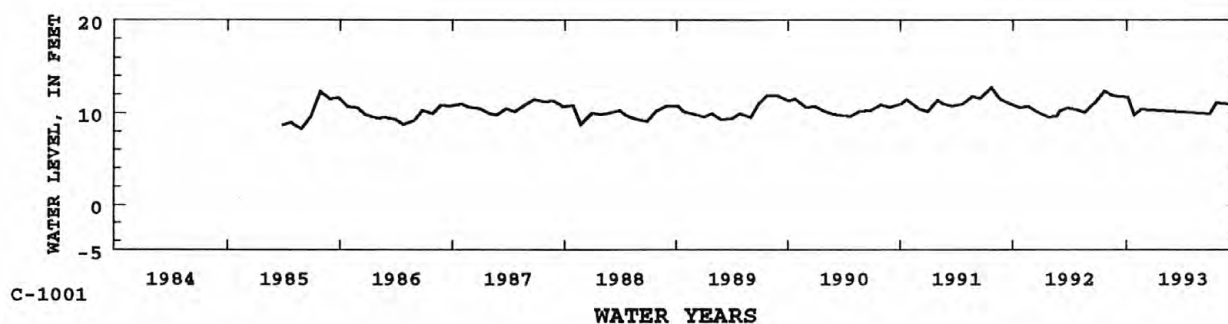
REMARKS.--Well also sampled for water quality. Replacement well for C 475.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.72 ft NGVD, July 23, 1991; lowest measured, 8.26 ft NGVD, May 28, 1985.

261116081480303 - C -1001

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
	AS CL)		AS CL)	(FEET)		AS CL)		AS CL)	(FEET)
OCT					JUN				
06...	1210	--	--	11.73	25...	1030	--	--	9.93
26...	0935	608	58	9.77	JUL				
NOV					19...	1205	--	--	11.13
17...	1045	--	--	10.44	AUG				
APR					27...	1215	--	--	10.95
20...	1130	524	38	--					



COLLIER COUNTY

WELL NUMBER.--261117081480101. Local Number C 491.

LOCATION.--Lat 26°11'16", long 81°48'03", in NE1/4SE1/4 sec.21, T.49 S., R.25 E., Hydrologic Unit 03090204, 15 ft south of Anchor Rode Drive, 200 ft west of U.S. Highway 41 and 1 mi west of Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiama aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 71 ft, cased to 70 ft, open hole 70 to 71 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

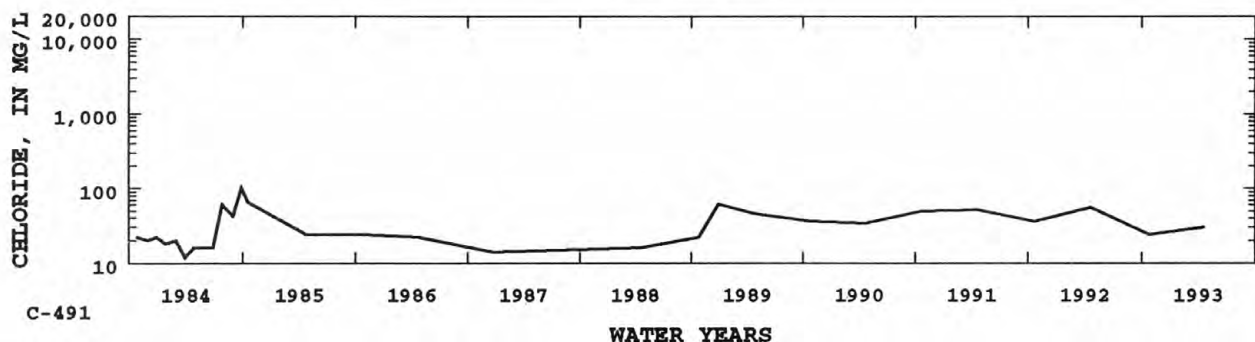
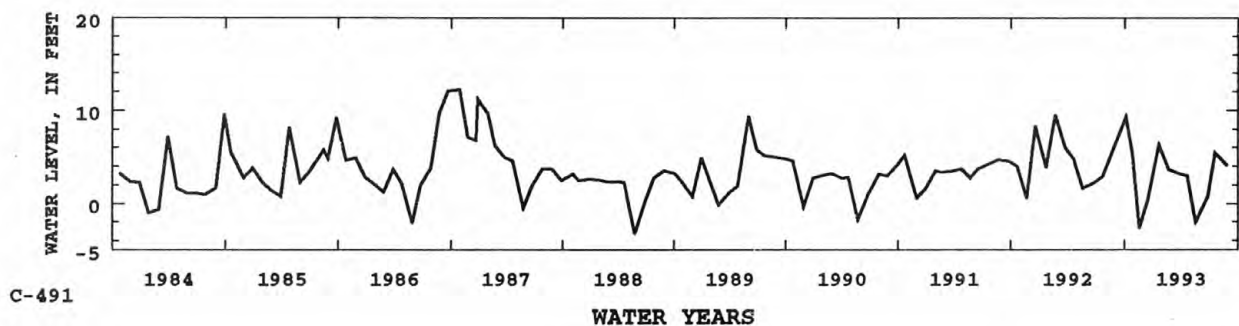
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1971 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.23 ft NGVD, Oct. 29, 1986; lowest measured, 3.51 ft below NGVD, Jan. 25, 1983.

261117081480101 - C - 491

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-	ATION			CON-	DIS-	ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
06...	1215	--	--	9.30	20...	1105	369	30	2.93
26...	0945	390	24	5.41	MAY				
NOV					18...	1440	--	--	-2.06
17...	1050	--	--	-2.70	JUN				
DEC					25...	1030	--	--	0.72
15...	1055	--	--	0.38	JUL				
JAN					19...	1205	--	--	5.41
20...	1530	--	--	6.30	AUG				
FEB					27...	1210	--	--	4.09
18...	1630	--	--	3.66					
MAR									
22...	1350	--	--	3.24					



COLLIER COUNTY

WELL NUMBER.--261124081470101. Local Number C 392.

LOCATION.--Lat 26°11'24", long 81°47'31", in SW1/4NE1/4 sec.22, T.49 S., R.25 E., Hydrologic Unit 03090204, 30 ft east of State Road 851, 1.4 mi south of State Road 896, and 4.7 mi northeast of courthouse in East Naples.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 30 ft, casing 28 ft, open hole 28 to 30 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Recorder shelf, 0.02 ft below land-surface datum.

REMARKS.--Well also sampled for water quality.

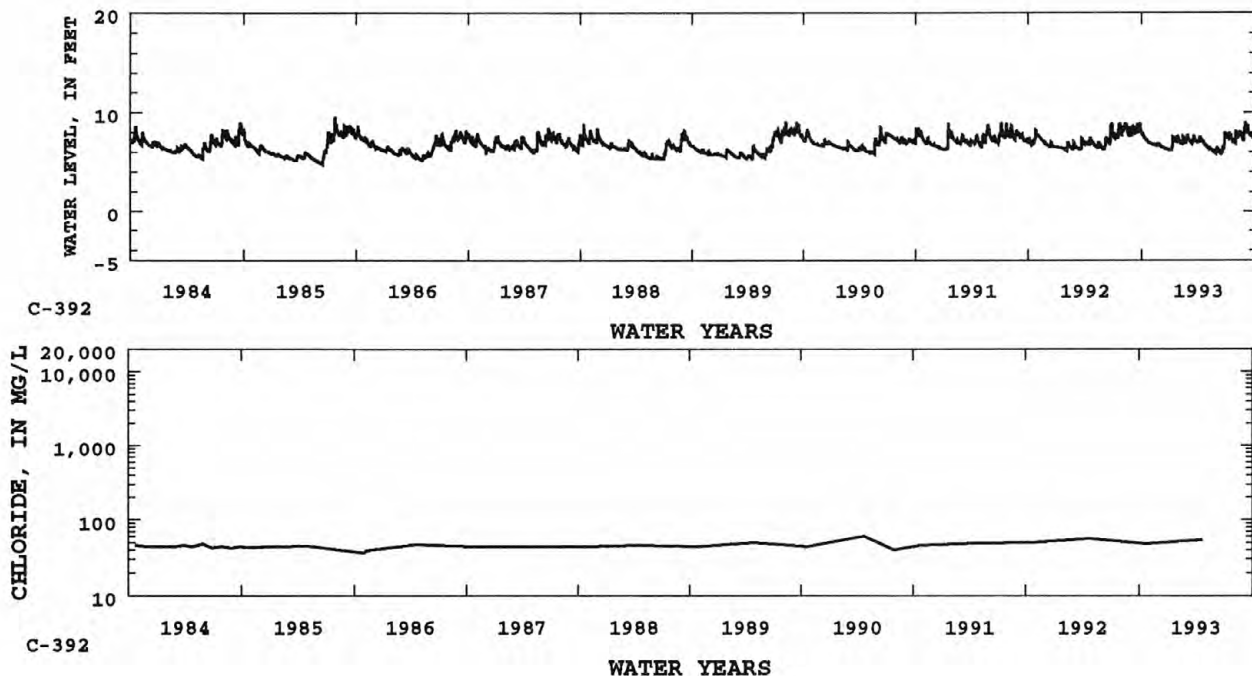
PERIOD OF RECORD.--January 1965 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.57 ft NGVD, July 23, 1985; lowest, 3.00 ft NGVD, May 24, 1974.

STATION NUMBER 261124081470101 C - 392
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.91	6.79	6.49	6.21	6.84	7.12	7.52	6.38	6.18	7.47	7.72	7.97
10	7.46	6.69	6.44	7.44	6.76	6.89	7.34	6.36	5.95	8.01	8.11	7.93
15	7.26	6.66	6.35	7.06	7.21	7.00	7.11	6.22	6.12	7.76	7.63	7.77
20	7.09	6.58	6.31	7.10	6.92	7.39	6.87	6.10	6.49	7.18	7.54	7.85
25	6.94	6.84	6.23	7.31	7.15	7.14	6.67	5.94	6.92	7.21	7.17	7.80
EOM	6.87	6.66	6.23	7.07	7.44	6.93	6.50	6.37	7.43	7.78	9.06	7.58
MEAN	7.32	6.73	6.36	6.99	7.11	7.14	7.00	6.20	6.46	7.45	7.75	7.89
MAX	8.09	6.87	6.63	7.66	7.69	7.67	7.52	6.48	7.95	8.03	9.06	8.64
MIN	6.87	6.56	6.19	6.18	6.74	6.85	6.50	5.88	5.84	6.91	7.15	7.41

WTR YR 1993 MEAN 7.03 MAX 9.06 MIN 5.84



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261124081470301. Local Number C 391.

LOCATION.--Lat 26°11'24", long 81°47'33", in SE1/4NW1/4 sec.22, T.49 S., R.25 E., Hydrologic Unit 03090204, 10 ft east of North 14th Street, 1.4 mi south of State Road 896, and 4.7 mi northeast of East Naples. Owner: City of Naples.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 75 ft, cased to 70 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 1.75 ft above land-surface datum.

REMARKS.--Well also sampled for water quality. Water levels affected by pumping of municipal well field.

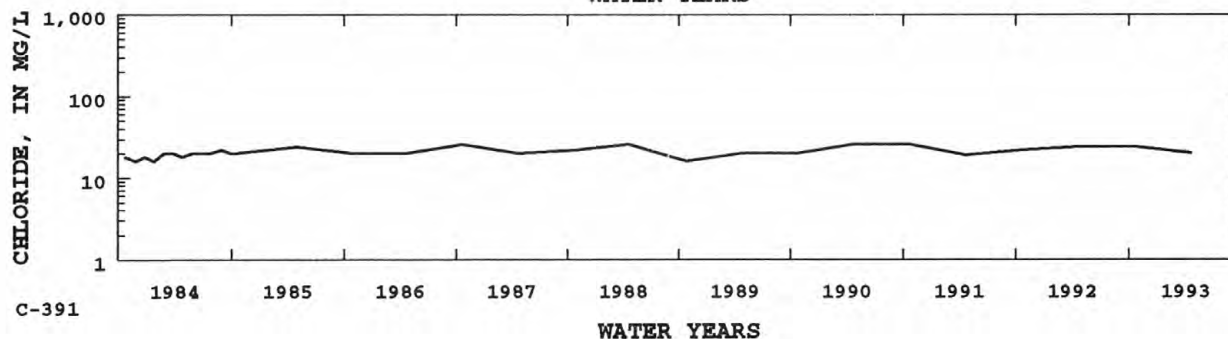
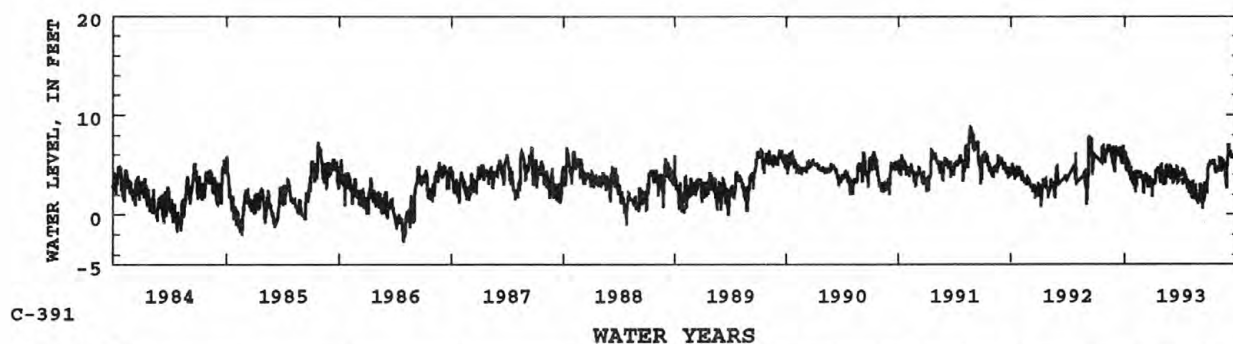
PERIOD OF RECORD.--January 1965 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.70 ft NGVD, May 24, 1991; lowest, 7.22 ft below NGVD, Sept. 4, 1982.

STATION NUMBER 261124081470301 C - 391
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.16	2.25	3.89	3.10	4.11	4.51	4.52	1.79	2.82	5.16	5.22	6.13
10	4.57	3.08	3.49	4.44	3.88	3.46	4.31	3.40	1.45	5.39	5.48	5.64
15	5.28	4.26	2.71	4.53	4.64	3.74	3.88	1.93	2.99	5.23	4.66	5.74
20	4.72	4.00	3.75	4.25	4.05	4.63	3.55	1.81	3.12	4.41	4.70	5.97
25	3.51	3.89	3.42	4.63	3.55	4.09	3.38	1.09	3.93	4.48	2.96	3.59
EOM	4.09	3.44	2.98	4.44	4.81	4.08	3.25	2.03	4.79	4.27	6.94	5.13
MEAN	4.61	3.71	3.29	4.09	4.06	3.98	3.55	1.98	2.83	4.88	4.75	5.66
MAX	6.39	4.40	3.97	4.92	4.87	4.75	4.63	3.40	4.92	5.47	6.94	6.95
MIN	2.98	2.25	1.82	3.10	3.02	3.12	2.22	1.09	.61	4.13	2.63	3.59

WTR YR 1993 MEAN 3.95 MAX 6.95 MIN .61



COLLIER COUNTY

WELL NUMBER.--261127081461001. Local Number C 1054.

LOCATION.--Lat 26°11'27", long 81°46'10", in SE1/4NE1/4 sec.23, T.49 S., R.25 E., Hydrologic Unit 03090204, 500 ft west SR 31 on southside of Baily Lane and 1.4 mi south of Pine Ridge Road (SR 896), 4.4 mi north of Collier County Government Center. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, 15 ft of 0.020 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.20 ft above land-surface datum.

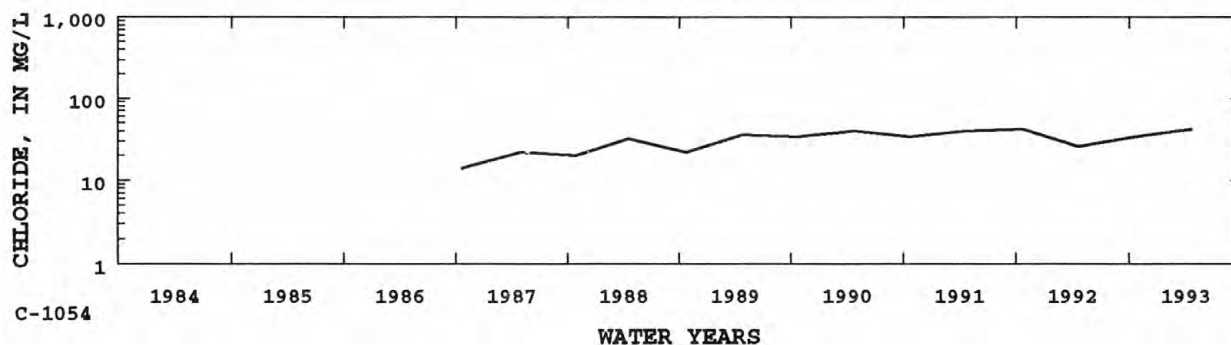
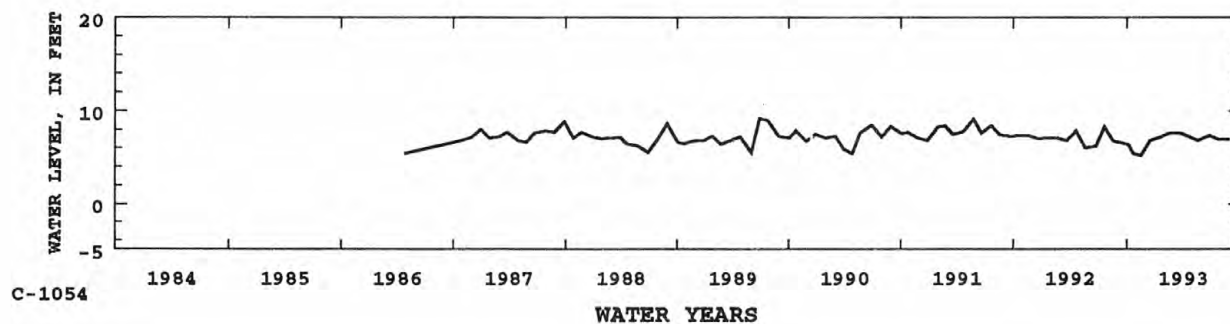
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.15 ft NGVD, June 28, 1989; lowest measured, 5.21 ft NGVD, Nov. 16, 1992.

261127081461001 - C -1054

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
CON-	DUCT-	ANCE	DIS-	SOLVED	CON-	DUCT-	ANCE	DIS-	SOLVED
(US/CM)	AS CL)	(MG/L	NGVD	ABOVE	(US/CM)	AS CL)	(MG/L	NGVD	ABOVE
OCT					APR				
06...	0850	--	--	6.35	20...	1220	615	42	7.20
21...	1155	588	34	5.40	MAY				
NOV					18...	1005	--	--	6.79
16...	0915	--	--	5.21	JUN				
DEC					23...	1220	--	--	7.34
16...	1010	--	--	6.77	JUL				
JAN					22...	0950	--	--	6.90
20...	1020	--	--	7.19	AUG				
FEB					26...	0955	--	--	6.90
16...	1045	--	--	7.63					
MAR									
22...	0920	--	--	7.63					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261146081460701. Local Number C 430.

LOCATION.--Lat 26°11'35", long 81°46'07", in NE1/4NE1/4 sec.23, T.49 S., R.25 E., Hydrologic Unit 03090204, 300 ft west of State Road 31 (Airport Road) and 1.1 mi south of Pine Ridge Road near Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 65 ft, cased to 63 ft, open hole 63 to 65 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. casing, 2.00 ft above land-surface datum.

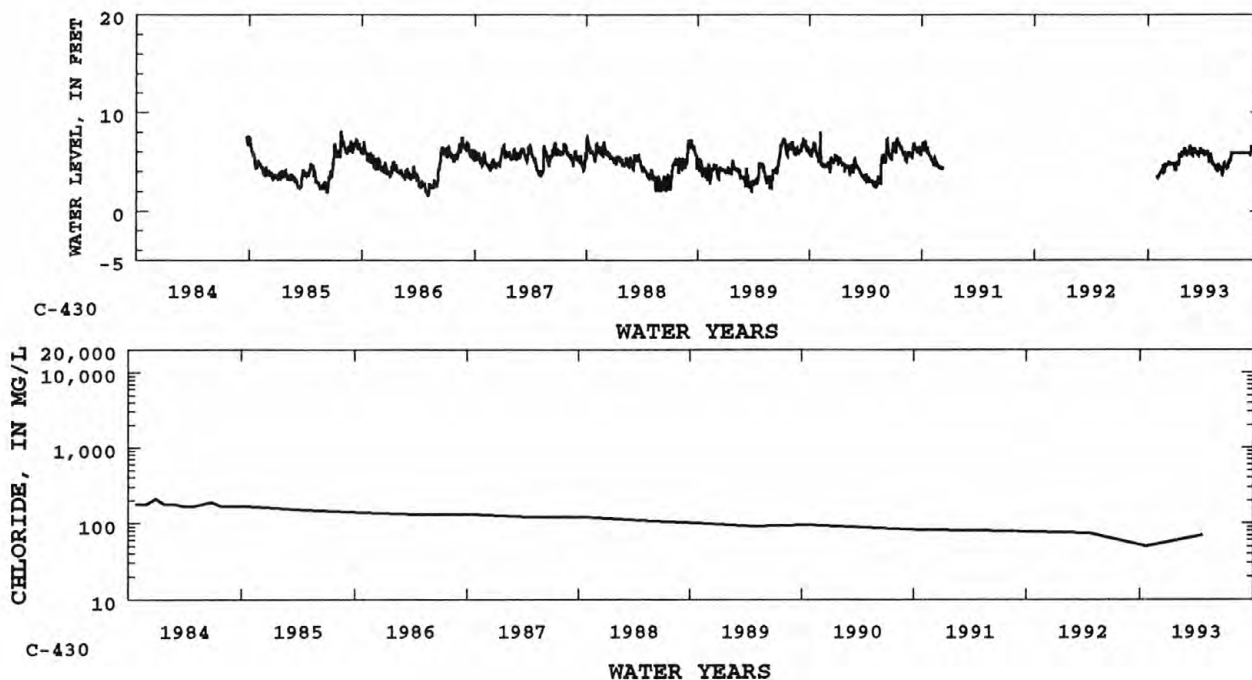
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--March 1965 to September 1984 (monthly), October 1985 to January 1991 (daily), February 1991 to August 1992 (monthly), October 1992 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.15 ft NGVD, July 24, 1985; lowest, 1.57 ft NGVD, May 2, 1986.

STATION NUMBER 261146081460701 C - 430
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.65	---	4.78	4.75	5.77	5.99	6.13	4.32	4.48	---	---	---
10	5.16	---	4.90	5.77	5.79	5.66	5.99	4.14	4.49	---	---	---
15	4.94	---	4.74	5.74	6.19	5.88	4.87	4.40	4.85	---	---	---
20	4.53	3.87	4.78	5.63	5.68	6.20	5.60	4.55	5.13	---	---	---
25	4.25	4.70	4.26	6.13	6.02	6.01	4.89	4.06	5.85	---	5.56	6.42
EOM	3.40	4.71	4.75	6.04	6.29	5.65	4.67	4.71	---	---	---	6.62
MEAN	4.80	---	4.68	5.60	5.98	5.96	5.43	4.28	---	---	---	---
MAX	5.78	---	4.91	6.34	6.49	6.35	6.15	4.71	---	---	---	---
MIN	3.40	---	4.06	4.71	5.63	5.62	4.67	3.55	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

203

WELL NUMBER.--261200081483001. Local Number C 528.

LOCATION.--Lat 26°11'55", long 81°48'30", in SE1/4SW1/4 sec.16, T.49 S., R.25 E., Hydrologic Unit 03090204, 15 ft east and 15 ft north of the intersection of Crayton Road and Turtle Hatch Road and 2.25 mi northwest of the new Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 80 ft, cased to 63 ft, open hole 63 to 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 4.39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

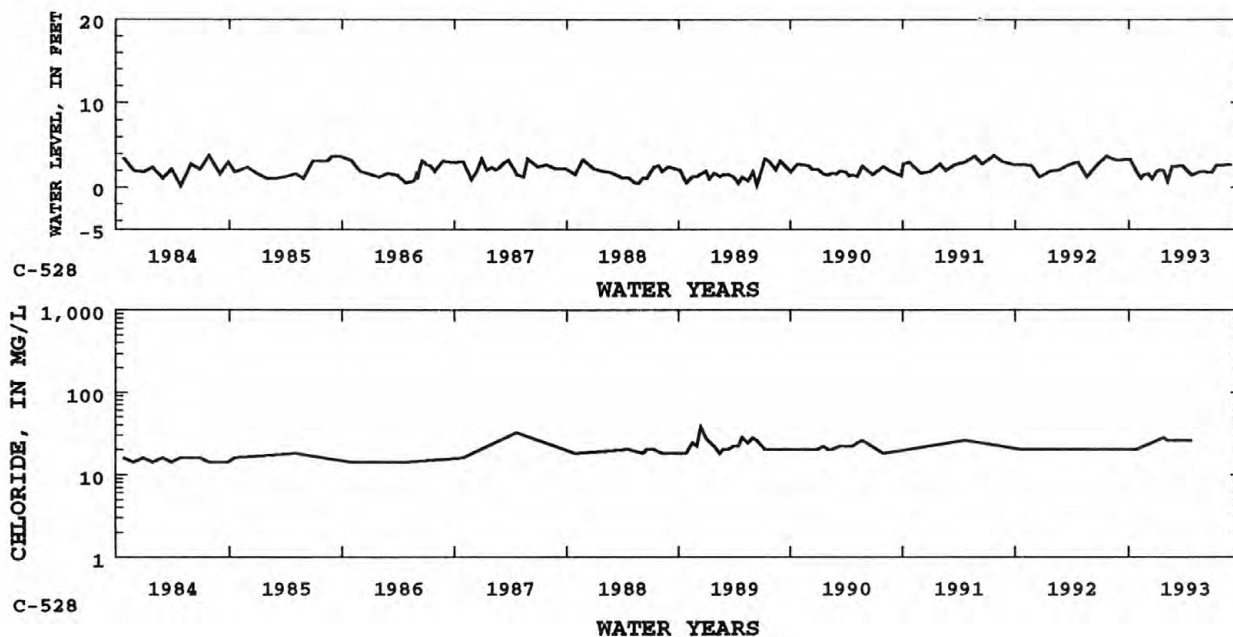
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1973 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, well flowing above 4.39 ft NGVD, July 29, 1985; lowest measured, 1.91 ft below NGVD, Oct. 14, 1976.

261200081483001 - C - 528

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	DUCT-	SOLVED	ABOVE	NGVD	ANCE	DUCT-	SOLVED	ABOVE	NGVD
(US/CM)	AS CL)	(MG/L	(FEET)		(US/CM)	AS CL)	(MG/L	(FEET)	
OCT					MAR				
06...	1155	--	--	3.29	22...	1540	--	--	2.53
26...	0855	426	20	1.80	APR				
NOV					20...	1015	445	26	1.48
09...	0830	--	--	1.09	MAY				
17...	1030	--	--	1.41	18...	1430	--	--	1.85
DEC					JUN				
02...	0935	--	--	1.58	25...	1155	--	--	1.76
15...	1040	--	--	1.01	JUL				
29...	0930	--	--	1.86	09...	1125	--	--	2.61
JAN					19...	1155	--	--	2.63
11...	1050	--	--	2.06	AUG				
21...	1120	457	28	1.89	27...	1155	--	--	2.67
FEB									
03...	0835	450	26	0.70					
18...	1600	445	26	2.47					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261156081475801. Local Number C 516.

LOCATION.--Lat 26°11'56", long 81°47'58", in SW1/4SW1/4 sec.15, T.49 S., R.25 E., Hydrologic Unit 03090204, 18 ft south of Morning Side Drive, 300 ft east of U.S. Highway 41 at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiaki aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 63 ft, cased to 46 ft, open hole 46 to 63 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.99 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.39 ft above land-surface datum.

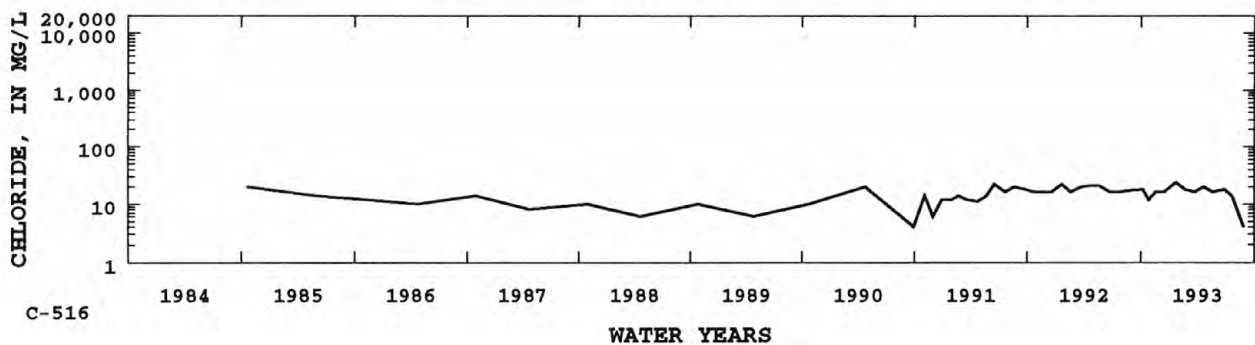
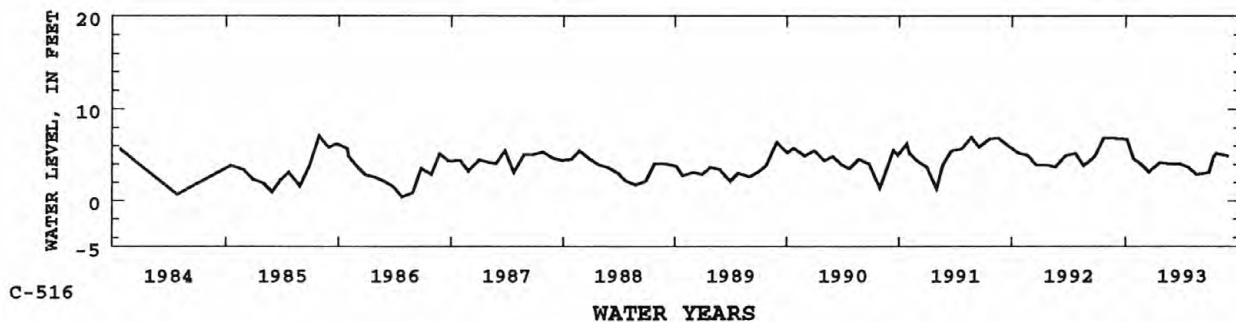
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--1973 to current year. Records of water levels prior to October 1984 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.05 ft NGVD, July 29, 1985; lowest measured, 3.91 ft below NGVD, May 7, 1974.

261156081475801 - C - 516

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1230	501	18	6.71	19...	1555	474	20	3.75
26...	1005	499	12	4.63	MAY				
NOV					18...	1450	454	16	2.90
17...	1100	497	16	4.05	JUN				
DEC					25...	1210	390	18	3.09
15...	1100	494	16	3.20	JUL				
JAN					09...	1130	--	--	4.78
20...	1545	468	24	4.18	19...	1210	351	14	5.17
FEB					AUG				
18...	1640	470	18	4.09	27...	1225	120	4.0	4.91
MAR									
22...	0935	474	16	4.06					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

205

WELL NUMBER.--261200081204901. Local Number C 986.

LOCATION.--Lat 26°12'00", long 81°20'49", in SE1/4SE1/4 sec.18, T.49 S., R.30 E., Hydrologic Unit 03090204, 30 ft south of Fakahatchee Conservancy Club Road, west of State Road 29, 3.4 mi north of State Road 84 and 15.5 mi south of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 28 ft, open hole 28 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.00 ft above land-surface datum.

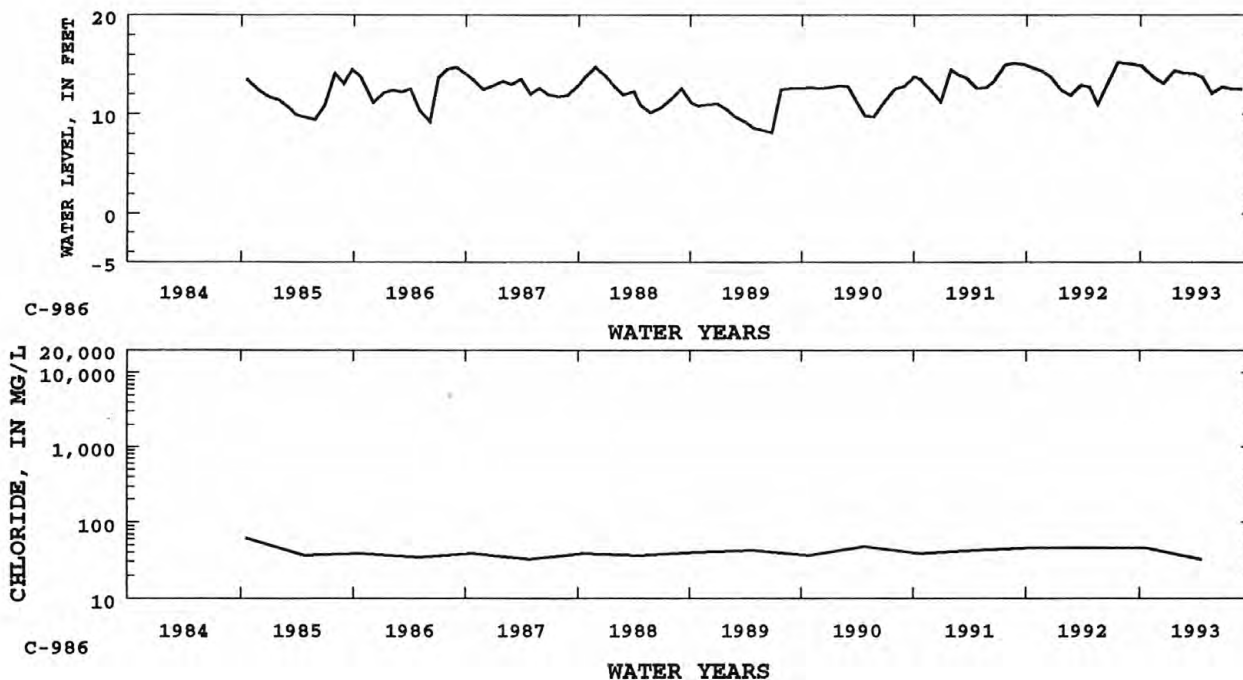
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.19 ft NGVD, July 20, 1992; lowest measured, 8.16 ft NGVD, June 26, 1989.

261200081204901 - C - 986

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	0805	--	--	14.85	19...	1100	574	32	13.69
19...	0830	620	46	14.45	MAY				
NOV					20...	1045	--	--	12.09
16...	0950	--	--	13.65	JUN				
DEC					22...	0925	--	--	12.76
14...	1040	--	--	13.11	JUL				
JAN					21...	1005	--	--	12.53
19...	0850	--	--	14.43	AUG				
FEB					23...	0905	--	--	12.55
16...	0925	--	--	14.14					
MAR									
22...	0940	--	--	14.08					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261211081441301. Local Number C 1055.

LOCATION.--Lat 26°12'11", long 81°44'13", in NE1/4NE1/4 sec.18, T.49 S., R.26 E., Hydrologic Unit 03090204, 200 ft west of I-75 and 50 ft south of Pine Ridge Road (SR 896), 6 mi northeast of Collier County Government Center. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, 15 ft of 0.020 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.87 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.50 ft above land-surface datum.

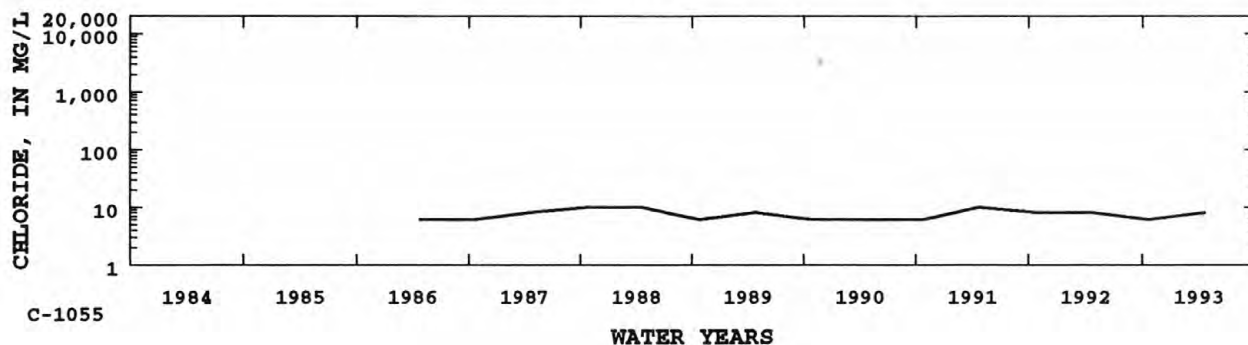
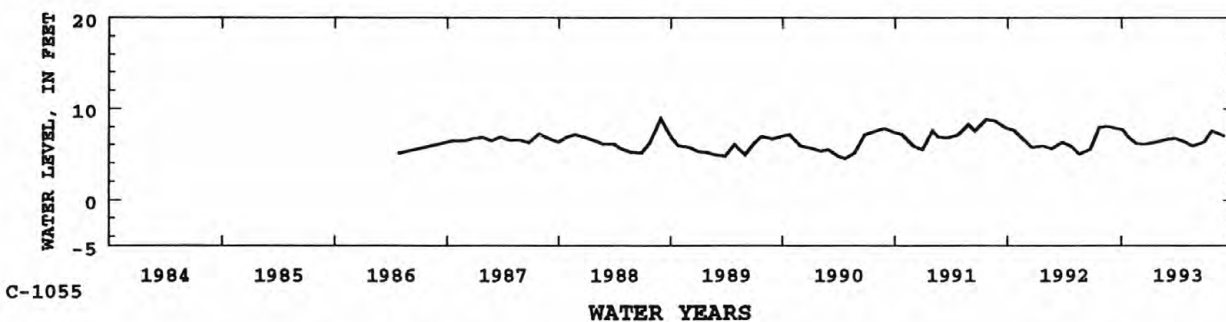
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.87 ft NGVD, Aug. 29, 1988; lowest measured, 4.48 ft NGVD, Apr. 23, 1990.

261211081441301 - C -1055

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ABOVE	ANCE	ANCE	CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
(US/CM)	(US/CM)	(US/CM)	(MG/L AS CL)	(FEET)	(US/CM)	(US/CM)	(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1350	--	--	7.71	20...	1345	586	8.0	6.39
21...	1450	572	6.0	6.94	MAY				
NOV					18...	1530	--	--	5.88
17...	0710	--	--	6.17	JUN				
DEC					23...	1255	--	--	6.28
14...	1340	--	--	6.07	JUL				
JAN					19...	0800	--	--	7.54
21...	0815	--	--	6.32	AUG				
FEB					27...	0840	--	--	7.01
18...	1730	--	--	6.55					
MAR									
22...	1600	--	--	6.74					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

207

WELL NUMBER.--261233081480201. Local Number C 506A.

LOCATION.--Lat 26°12'33", long 81°48'02", in NW1/4NW1/4 sec.15, T.49 S., R.25 E., Hydrologic Unit 03090204, 60 ft east of U.S. Highway 41, 0.15 mi south of Pine Ridge Road at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 70.7 ft, cased to 62.5 ft, open hole 62.5 to 70.7 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 16.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. casing, 3.95 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

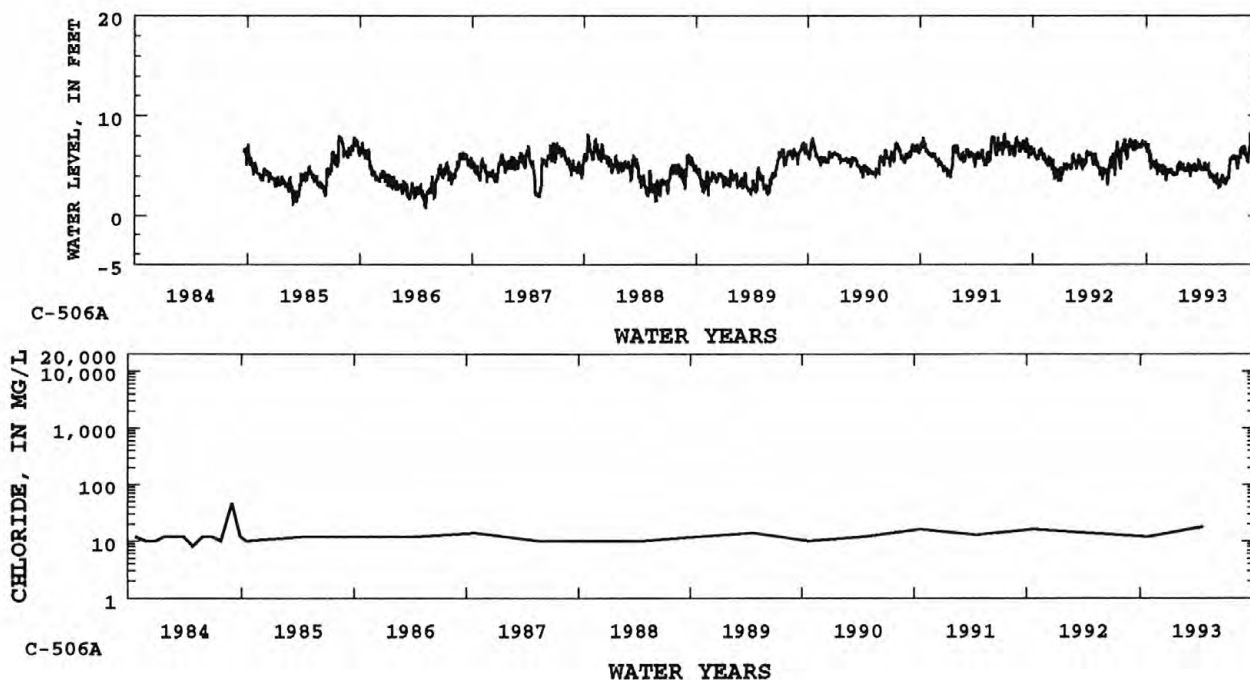
PERIOD OF RECORD.--September 1973 to September 1984 (monthly). October 1984 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.27 ft NGVD, July 2, 1991; lowest measured, 1.30 ft below NGVD, May 13, 1976.

STATION NUMBER 261233081480201 C - 506A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.67	4.12	4.33	4.13	4.64	5.20	5.09	3.62	3.72	5.86	6.43	7.20
10	6.16	4.98	4.36	5.19	4.43	4.44	5.08	3.85	3.51	6.08	6.84	---
15	6.19	4.63	4.53	5.42	4.77	4.58	4.69	3.77	3.68	5.97	6.03	---
20	5.55	4.81	4.52	5.01	4.13	5.41	4.40	3.65	3.61	5.03	6.02	---
25	5.26	4.84	4.38	4.99	4.99	5.02	3.97	2.84	4.75	5.87	5.53	---
EOM	5.32	4.97	4.18	4.77	5.07	4.49	4.07	3.95	5.53	6.43	8.08	---
MEAN	5.80	4.75	4.30	4.77	4.68	4.84	4.58	3.52	3.96	5.70	6.37	---
MAX	7.26	5.40	4.97	5.42	5.14	5.48	5.39	4.09	5.71	6.43	8.08	---
MIN	4.71	4.11	3.56	4.10	3.93	4.44	3.97	2.84	3.21	4.78	5.51	---

CAL YR 1992 MEAN 5.57 MAX 7.66 MIN 3.05



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261233081480202. Local Number C 1026.

LOCATION.--Lat 26°12'33", long 81°48'02", in NW1/4NW1/4 sec.15, T.49 S., R.25 E., Hydrologic Unit 03090204, 60 ft east of US 41, and 0.15 mi south intersection of Pine Ridge Road and US 41. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 38 ft, cased to 28 ft with 10 ft of No. 20 slot screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.56 ft above land-surface datum.

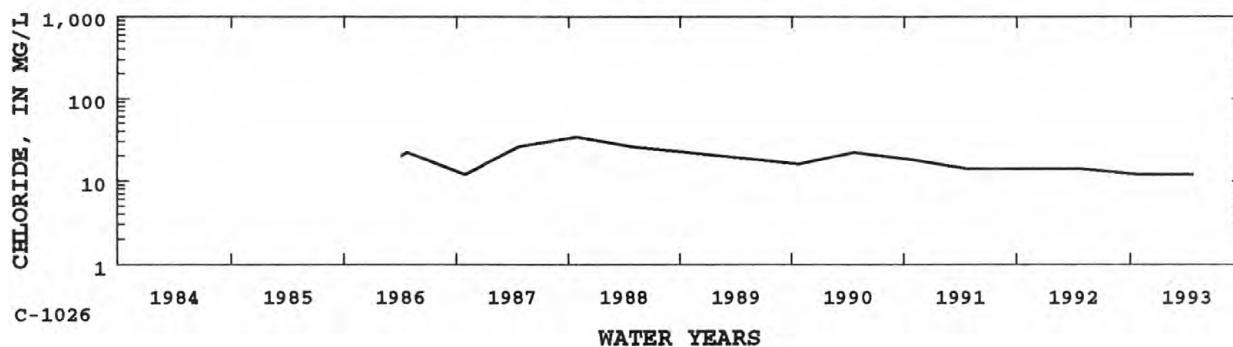
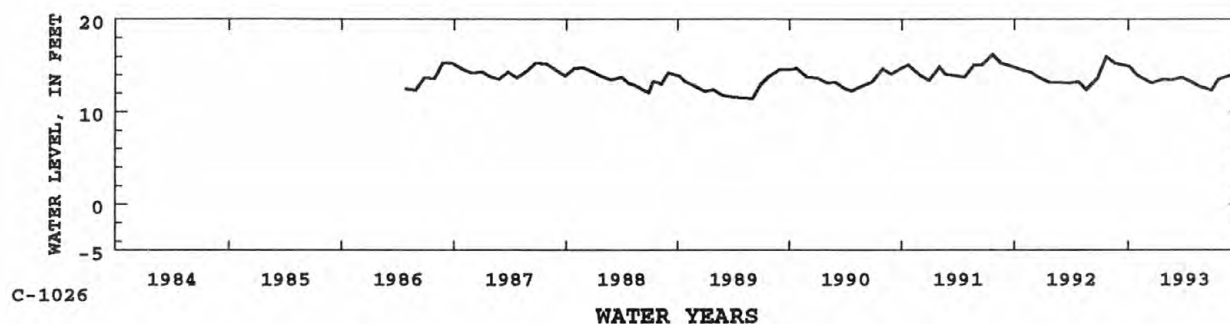
REMARKS.--Well also sampled for water quality. Replacement well for C 322.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.17 ft NGVD, July 22, 1991; lowest measured, 11.47 ft NGVD, June 2, 1989.

261233081480202 - C -1026

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
		(US/CM)	(MG/L AS CL)	NGVD (FEET)			(US/CM)	(MG/L AS CL)	NGVD (FEET)
OCT					APR				
06...	1235	--	--	14.94	20...	0800	433	12	13.28
26...	1015	441	12	14.10	MAY				
NOV					18...	1500	--	--	12.75
17...	1110	--	--	13.59	JUN				
DEC					25...	1230	--	--	12.33
15...	1120	--	--	13.13	JUL				
JAN					19...	1225	--	--	13.52
21...	1150	--	--	13.53	AUG				
FEB					27...	1250	--	--	13.94
18...	1645	--	--	13.47					
MAR									
22...	1540	--	--	13.73					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

209

WELL NUMBER.--261241081465401. Local Number C 1002.

LOCATION.--Lat 26°12'41", long 81°46'54", in SW1/4SW1/4 sec.11, T.49 S., R.25 E., Hydrologic Unit 03090204, 20 ft west of Shirley Street, 100 ft north of Pine Road and 3.9 mi northeast of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 54 ft, cased to 45 ft, open hole 45 to 54 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

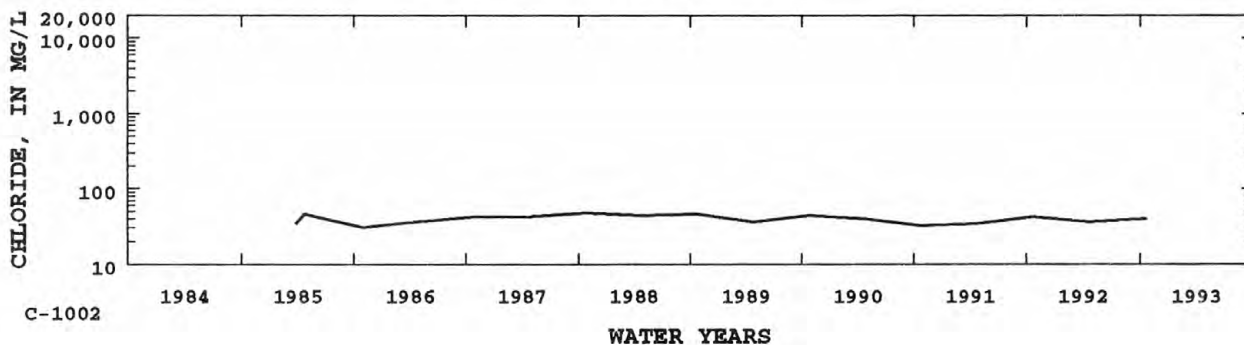
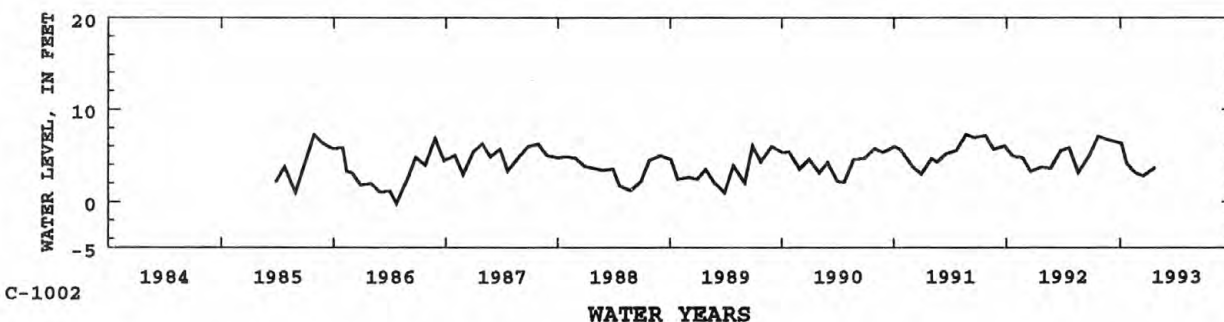
REMARKS.--Well also sampled for water quality. Replacement well for C 519.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.31 ft NGVD, May 22, 1991; lowest measured, 0.22 ft below NGVD, Apr. 22, 1986.

261241081465401 - C -1002

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS	CL)	(FEET)			AS	CL)	(FEET)		
OCT					DEC				
06...	1340	--	--	6.33	15...	0820	--	--	2.73
21...	1425	790	40	4.13	JAN				
NOV					21...	0845	--	--	3.69
17...	0720	--	--	3.08					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261246081460101. Local Number C 1086.

LOCATION.--Lat 26°12'46", long 81°46'01", in SW1/4SW1/4 sec.12, T.49 S., R.25 E., Hydrologic Unit 03090204, 30 ft north of YMCA Road, 650 ft east of intersection of YMCA Road and County Road 31 (Airport Road), 600 ft north of Pine Ridge Road and 5.2 mi northeast of Naples. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 91 ft, cased to 66 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 6 in. PVC casing, 0.30 ft above land-surface datum.

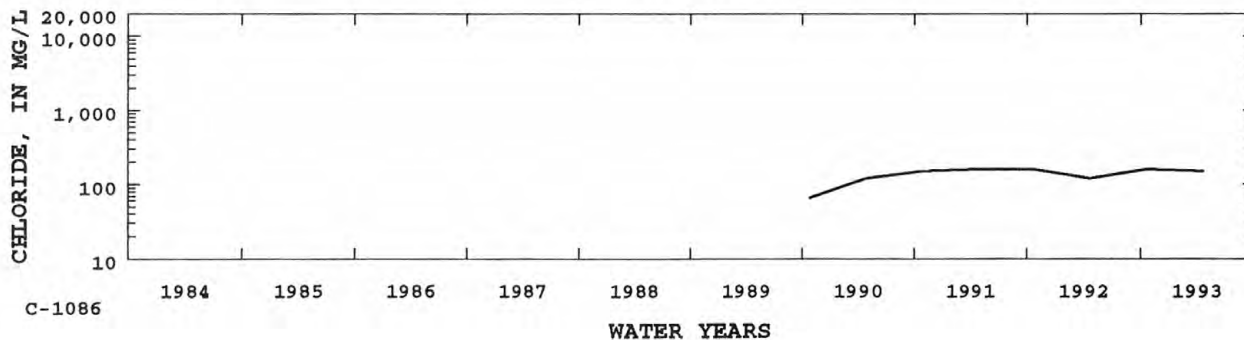
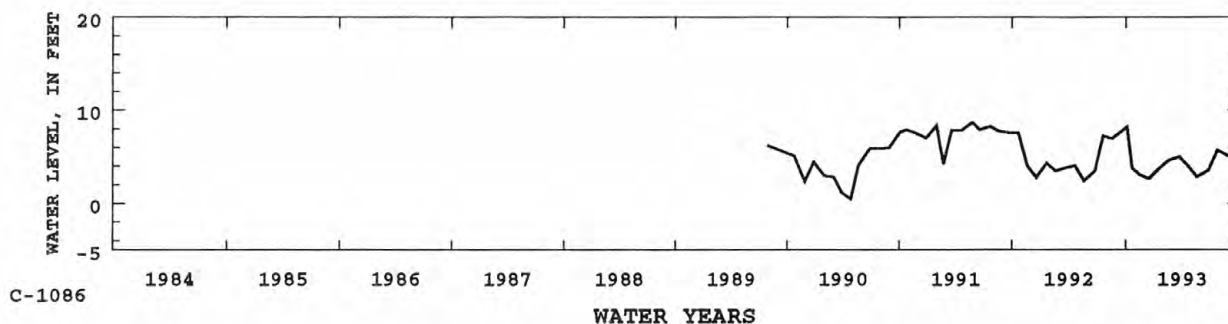
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.63 ft NGVD, May 25, 1991; lowest measured, 0.46 ft NGVD, Apr. 25, 1990.

261246081460101 - C -1086

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	0815	--	--	8.18	20...	1325	1200	150	3.96
21...	1040	1210	160	3.74	MAY				
NOV					18...	0940	--	--	2.86
16...	0825	--	--	3.01	JUN				
DEC					23...	1050	--	--	3.53
16...	0940	--	--	2.64	JUL				
JAN					22...	0930	--	--	5.68
20...	0945	--	--	3.79	AUG				
FEB					26...	0930	--	--	5.05
16...	100	--	--	4.55					
MAR									
22...	0855	--	--	4.98					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

211

WELL NUMBER.--261246081460201. Local Number C 1085.

LOCATION.--Lat 26°12'46", long 81°46'02", in SW1/4SW1/4 sec.12, T.49 S., R.25 E., Hydrologic Unit 03090204, 30 ft north of YMCA Road, 600 ft east of intersection of YMCA Road and County Road 31 (Airport Road), 600 ft north of Pine Ridge Road and 5.2 mi northeast of Naples. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, well, diameter 2 in., depth 60 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. PVC coupling, 0.19 ft above land-surface datum, (corrected).

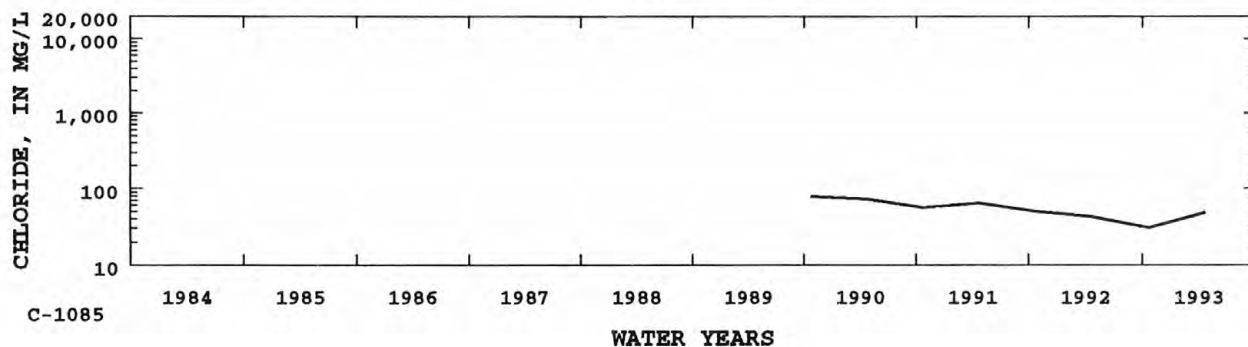
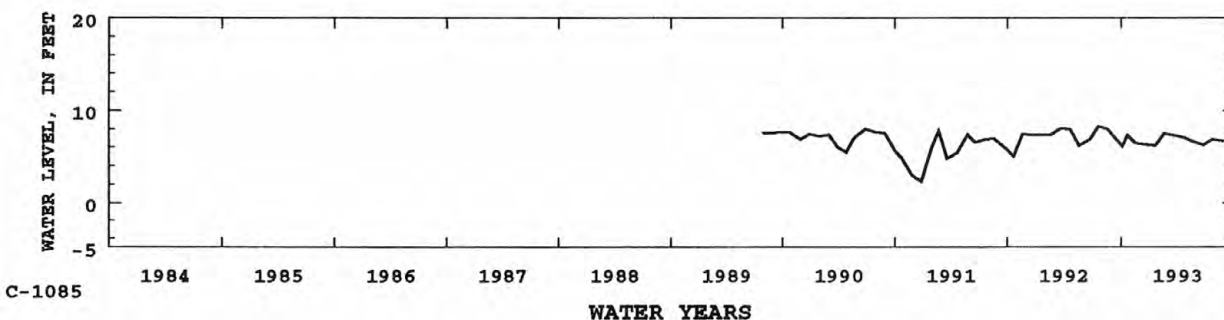
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.24 ft NGVD, July 21, 1992; lowest measured, 2.24 ft NGVD, Dec. 27, 1990.

261246081460201 - C -1085

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	0820	--	--	6.10	20...	1325	640	48	6.97
21...	1045	581	30	7.31	MAY				
NOV					18...	0940	--	--	6.55
16...	0820	--	--	6.45	JUN				
DEC					23...	1050	--	--	6.12
16...	0940	--	--	6.31	JUL				
JAN					22...	0930	--	--	6.74
20...	0950	--	--	6.17	AUG				
FEB					26...	0930	--	--	6.56
16...	1000	--	--	7.41					
MAR									
22...	0855	--	--	7.21					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261311081480101. Local Number C 1061.

LOCATION.--Lat 26°13'11", long 81°48'01", in SW1/4NW1/4 sec.10, T.49 S., R.25 E., Hydrologic Unit 03090204, 150 ft south of Center Street and 200 ft east of U.S. Highway 41, 6.6 mi northwest of Collier County Government Center. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, 15 ft of 0.020 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 14.88 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 2.90 ft above land-surface datum.

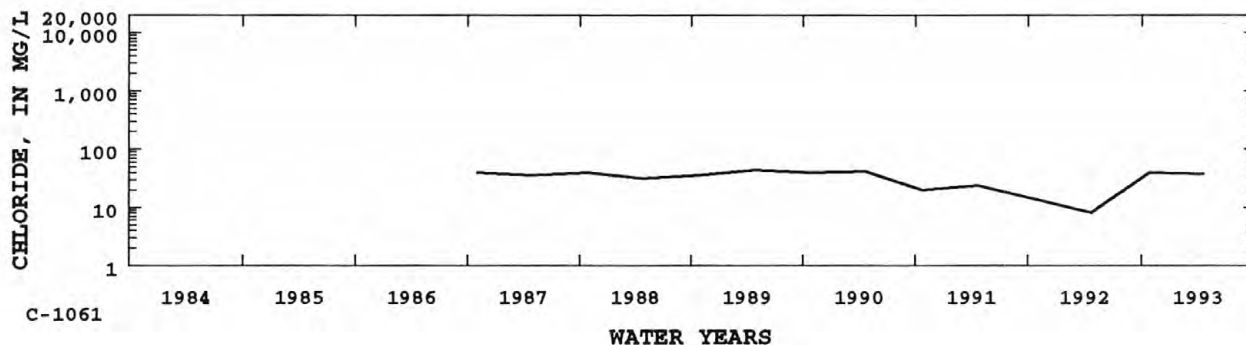
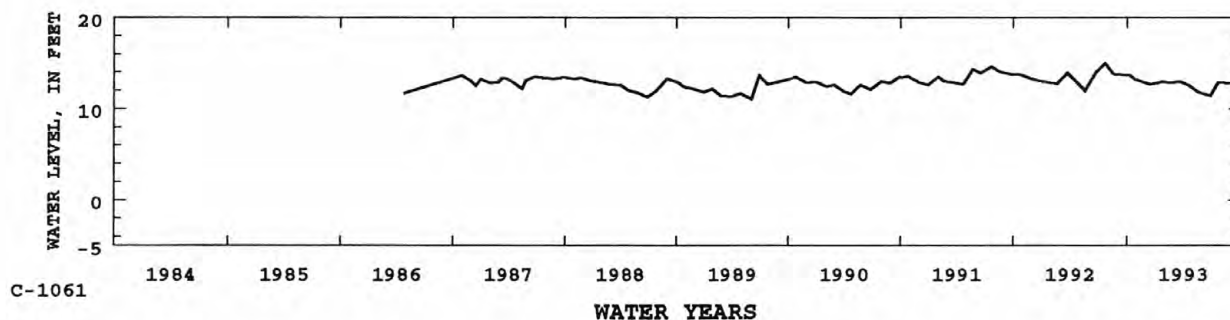
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.95 ft NGVD, July 23, 1992; lowest measured, 11.02 ft NGVD, June 2, 1989.

261311081480101 - C -1061

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ELEV-
		CON-	DIS-	ATION			CON-	DIS-	ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
07...	1150	--	--	13.71	19...	1110	290	38	12.52
26...	1100	236	40	13.17	MAY				
NOV					18...	1155	--	--	11.80
17...	1130	--	--	12.91	JUN				
DEC					25...	1315	--	--	11.38
15...	1135	--	--	12.61	JUL				
JAN					21...	1245	--	--	12.84
21...	1200	--	--	12.94	AUG				
FEB					27...	1255	--	--	12.78
18...	1055	--	--	12.87					
MAR									
23...	0925	--	--	12.89					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

213

WELL NUMBER.--261243081480301. Local Number C 490.

LOCATION.--Lat 26°13'13", long 81°48'03", in SW1/4NW1/4 sec.10, T.49 S., R.25 E., Hydrologic Unit 03090204, 1.5 ft west of Trail Boulevard, 10 ft north of Center Street, 100 ft east of U.S. Highway 41 and northwest of the new Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 71 ft, cased to 70 ft, open hole 70 to 71 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.55 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

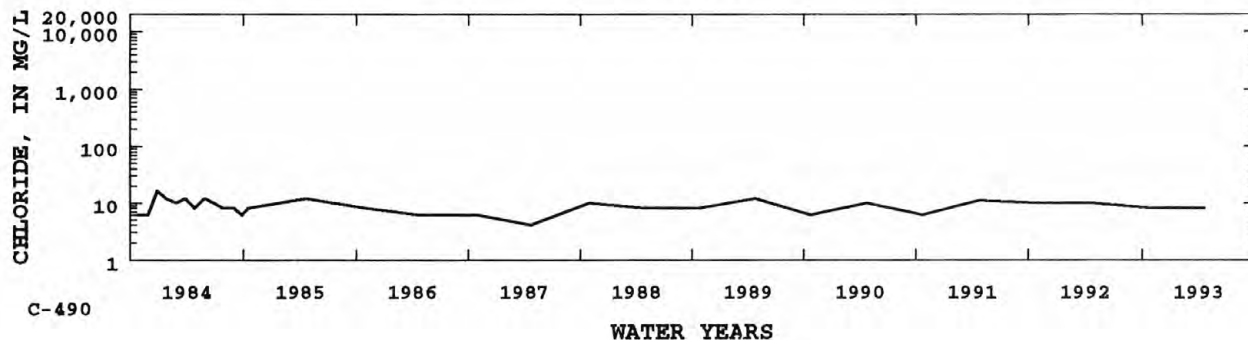
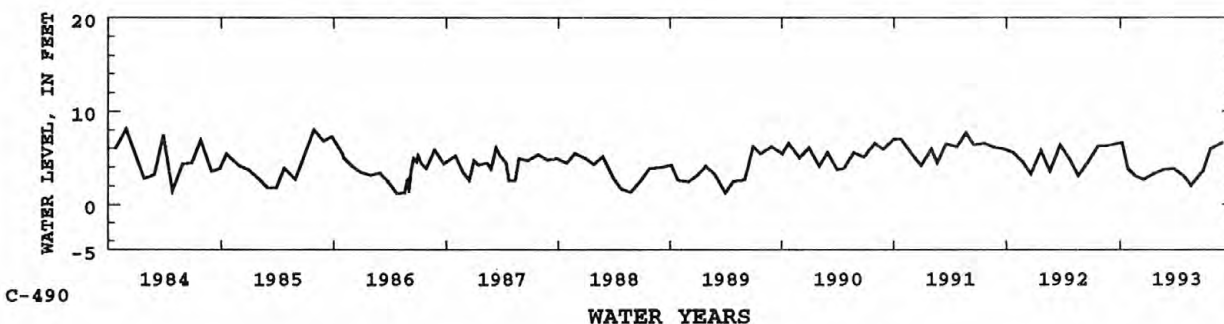
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1971 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.08 ft NGVD, Nov. 28, 1983; lowest measured, 1.58 ft below NGVD, May 7, 1974.

261243081480301 - C - 490

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1145	--	--	6.59	19...	1120	304	8.0	3.13
26...	1115	267	8.0	3.77	MAY				
NOV					18...	1200	--	--	1.97
17...	1135	--	--	3.04	JUN				
DEC					25...	1315	--	--	3.59
15...	1140	--	--	2.61	JUL				
JAN					19...	1245	--	--	5.87
21...	1210	--	--	3.30	AUG				
FEB					27...	1300	--	--	6.59
18...	1050	--	--	3.71					
MAR									
23...	0930	--	--	3.78					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261438081481001. Local Number C 575.

LOCATION.--Lat 26°13'17", long 81°48'05", in SE1/4NE1/4 sec.9, T.49 S., R.25 E., Hydrologic Unit 03090204, on west side of U.S. Highway 41, 0.75 mi north of Pine Ridge Road and 7 mi north of Naples. Owner: Pelican Bay Improvement District.

AQUIFER.--Lower Hawthorn Aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 652 ft, cased to 352 ft, open hole 352 to 652 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 16.61 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. plug, 1.07 ft below land-surface datum.

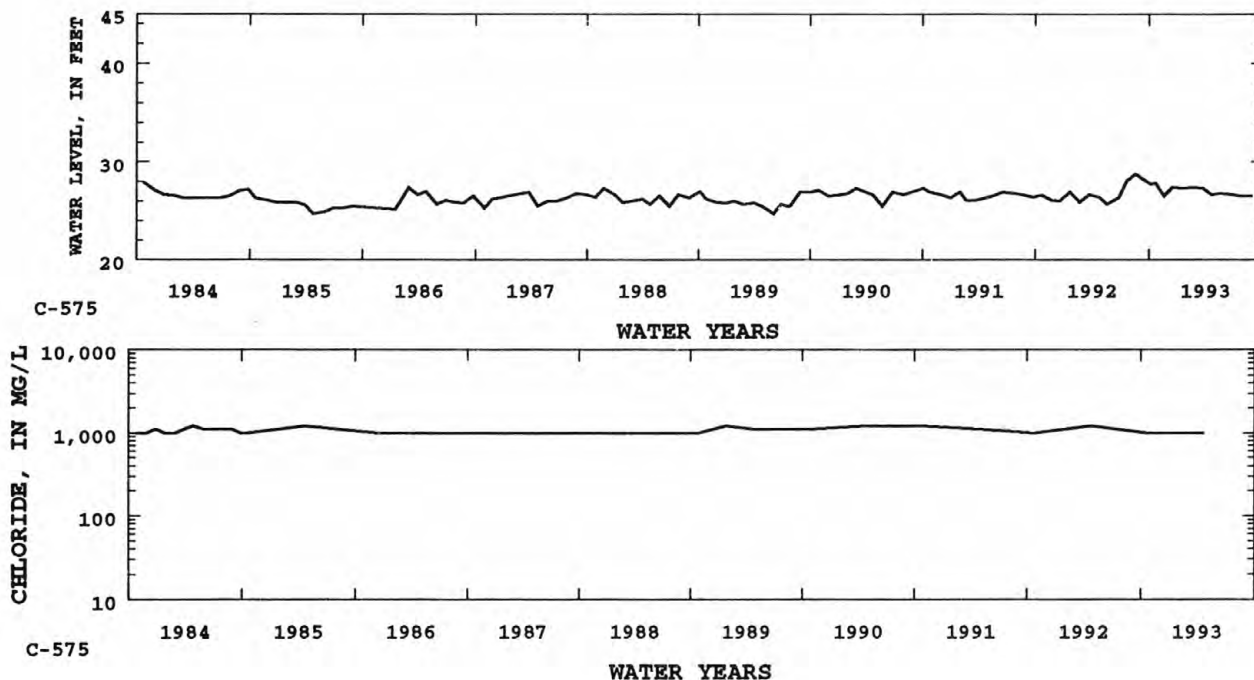
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--March 1979 to current year. Records of water levels prior to October 1981 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.2 ft NGVD, Sept. 27, 1982; lowest measured, 24.7 ft NGVD, Apr. 22, 1985 and June 2, 1989.

261438081481001 - C - 575

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993								
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
		(US/CM)					(US/CM)	
OCT					APR			
07...	1135	--	--	27.70	19...	1200	4310	1000
22...	0925	4310	1000	27.80	MAY			
NOV					18...	1205	--	--
17...	1150	--	--	26.50	JUN			
DEC					25...	1320	--	--
14...	1325	--	--	27.40	JUL			
JAN					19...	1255	--	--
19...	1245	--	--	27.30	AUG			
FEB					27...	1310	--	--
18...	1115	--	--	27.40				
MAR								
23...	1000	--	--	27.30				



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

215

WELL NUMBER.--261302081473901. Local Number C 489.

LOCATION.--Lat 26°13'30", long 81°47'33", in SW1/4SE1/4 sec.3, T.49 S., R.25 E., Hydrologic Unit 03090204, 15 ft west of Ridge Road, 300 ft north of North Street at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in., depth 83 ft, cased to 63 ft, open hole 63 to 83 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

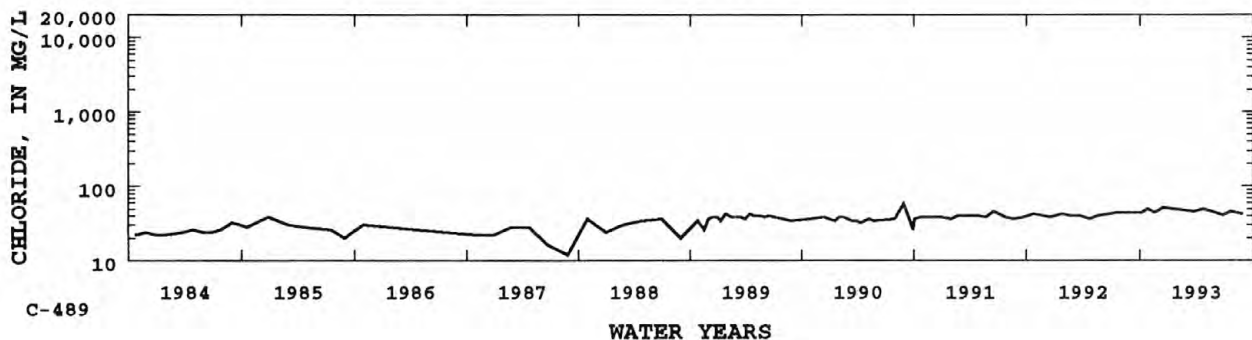
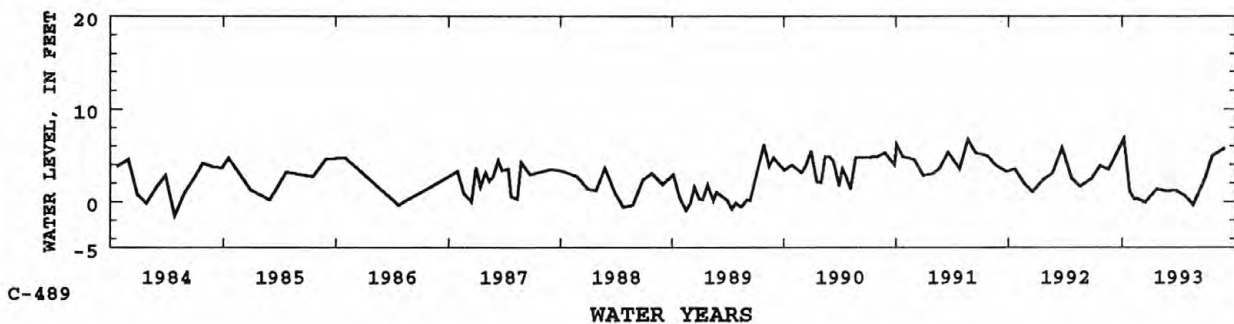
DATUM.--Land-surface datum is 15.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of nipple, 3.46 ft above land-surface datum.

PERIOD OF RECORD.--May 1970 to October 1986 (daily), November 1986 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.20 ft NGVD, Sept. 24, 1970; lowest, 4.47 ft below NGVD, Apr. 30, 1976.

261302081473901 - C - 489

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
07...	1200	530	44	6.82	23...	1010	469	46	1.24
26...	1140	479	50	1.08	APR				
NOV					21...	1135	467	50	0.61
09...	0815	--	--	0.27	MAY				
17...	1200	482	44	0.29	18...	1145	493	46	-0.38
DEC					JUN				
15...	1155	470	52	-0.08	25...	1335	445	41	2.47
JAN					JUL				
21...	1240	--	--	1.36	19...	1305	488	46	4.90
FEB					AUG				
18...	1030	461	48	1.18	27...	1315	397	42	5.75



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261343081384801. Local Number C 980.

LOCATION.--Lat 26°13'43", long 81°38'50", in SE1/4SW1/4 sec.7, T.49 S., R.27 E., Hydrologic Unit 03090204, at southwest corner of Golden Gate Parkway and 19th Street SW, 2.5 mi east of County Road 951 and 10.5 mi northeast of Naples Post Office. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 30 ft, cased to 15 ft, open hole 15 to 30 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.40 ft above land-surface datum.

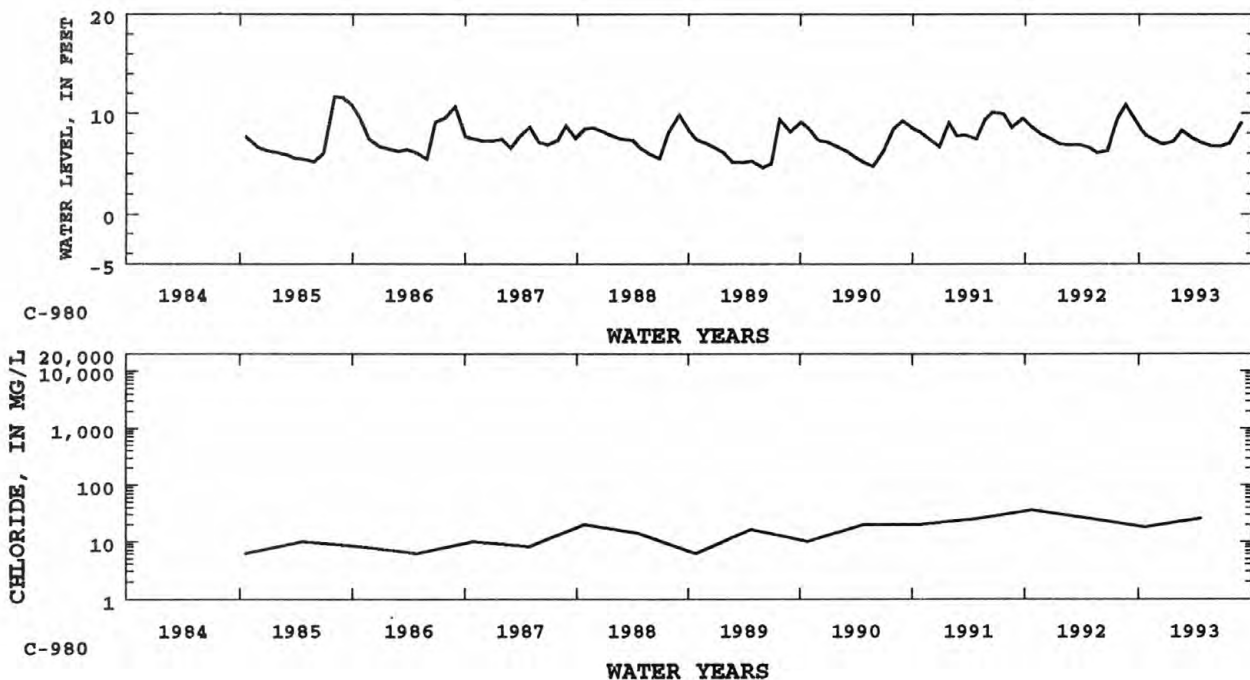
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.62 ft NGVD, Aug. 1, 1985; lowest measured, 4.57 ft NGVD, June 1, 1989.

261343081384801 - C - 980

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1405	--	--	8.40	20...	1515	990	26	7.01
22...	1455	875	18	7.81	MAY				
NOV					21...	1355	--	--	6.73
16...	1330	--	--	7.35	JUN				
DEC					22...	1320	--	--	6.72
14...	1410	--	--	6.90	JUL				
JAN					19...	1350	--	--	6.95
19...	1300	--	--	7.18	AUG				
FEB					26...	1415	--	--	9.10
16...	1320	--	--	8.28					
MAR									
22...	1245	--	--	7.48					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

217

WELL NUMBER.--261343081384802. Local Number C 956.

LOCATION.--Lat 26°13'43", long 81°38'50", in NW1/4NE1/4 sec.7, T.49 S., R.27 E., Hydrologic Unit 03090204, at southwest corner of Golden Gate Boulevard and 19th Street SW, 2.5 mi east of County Road 951 and 10.5 mi northeast of Naples Post Office. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 260 ft, cased to 60 ft, open hole 60 to 260 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.05 ft above land-surface datum.

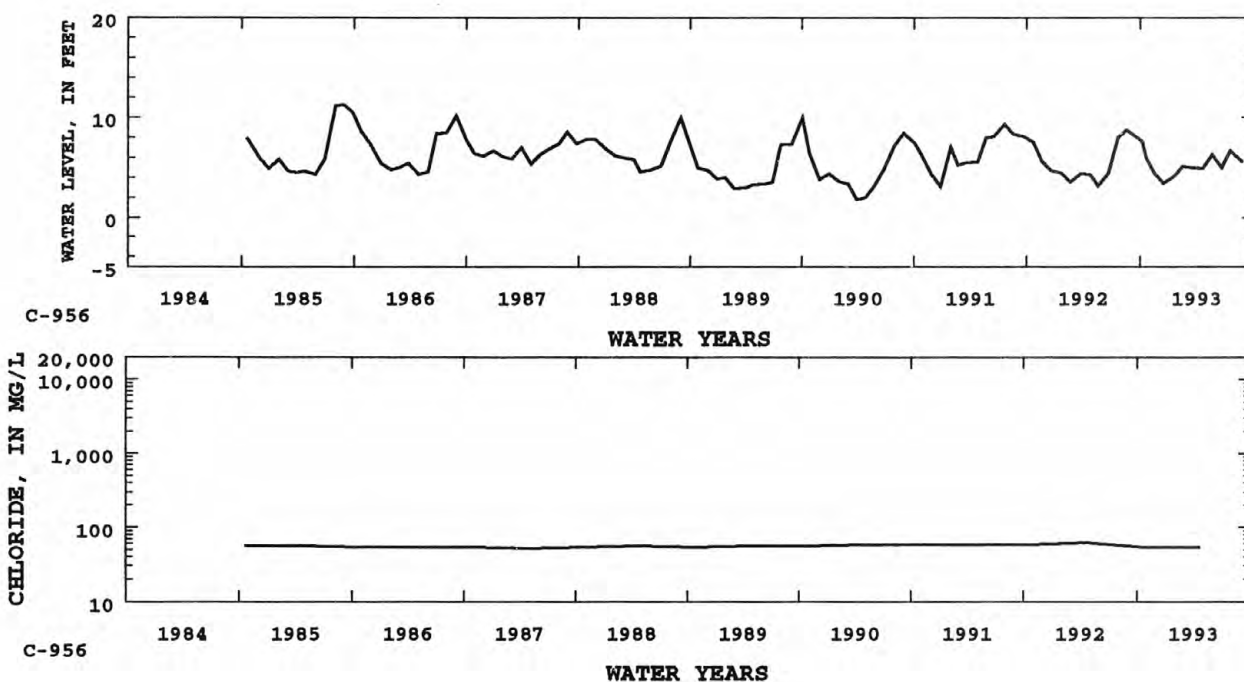
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.22 ft NGVD, Aug. 29, 1985; lowest measured, 1.80 ft NGVD, Mar. 29, 1990.

261343081384802 - C - 956

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1400	--	--	7.64	20...	1520	811	54	4.87
22...	1450	832	54	5.88	MAY				
NOV					21...	1355	--	--	6.25
16...	1330	--	--	4.41	JUN				
DEC					22...	1315	--	--	4.97
14...	1410	--	--	3.43	JUL				
JAN					19...	1350	--	--	6.63
19...	1300	--	--	4.10	AUG				
FEB					26...	1415	--	--	5.55
16...	1315	--	--	5.10					
MAR									
22...	1245	--	--	4.98					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261346081480201. Local Number C 515.

LOCATION.--Lat 26°13'46", long 81°48'02", in NW1/4SW1/4 sec.3, T.49 S., R.25 E., Hydrologic Unit 03090204, 20 ft north of Cajepit Drive, 80 ft east of Trail Boulevard at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Driven, observation, artesian well, diameter 2 in., depth 71 ft, cased to 63 ft, open hole 63 to 71 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.47 ft above land-surface datum.

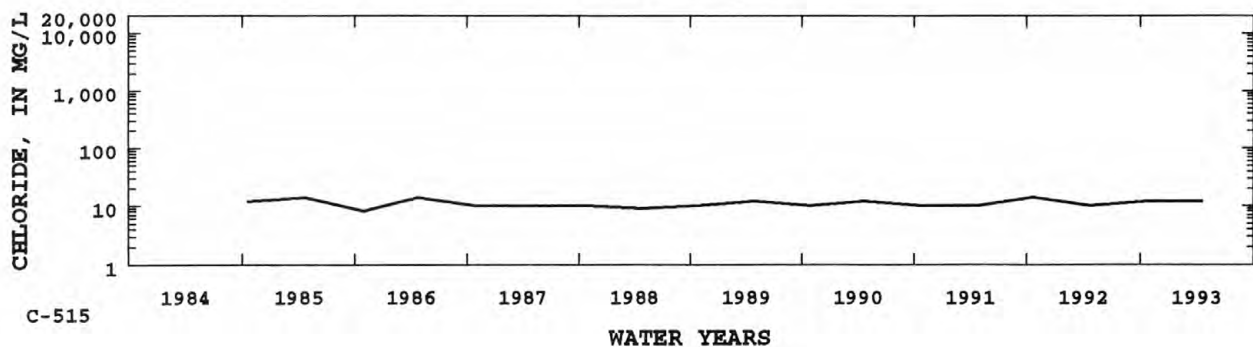
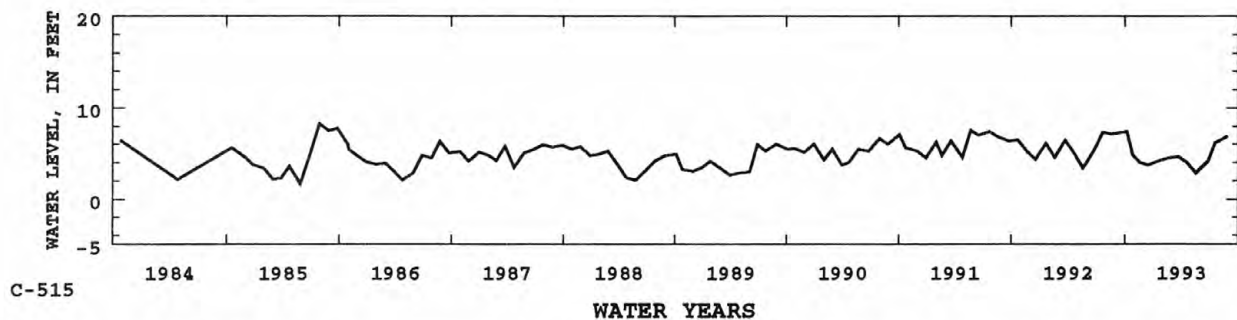
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--1973 to current year. Records of water levels prior to October 1984 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.24 ft NGVD, July 28, 1985; lowest measured, 0.69 ft NGVD, Mar. 4, 1974.

261346081480201 - C - 515

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1120	--	--	7.38	19...	1145	458	12	4.00
26...	1130	434	12	4.81	MAY				
NOV					18...	1205	--	--	2.82
17...	1140	--	--	3.98	JUN				
DEC					25...	1340	--	--	4.12
15...	1145	--	--	3.70	JUL				
JAN					19...	1250	--	--	6.17
21...	1230	--	--	4.23	AUG				
FEB					27...	1310	--	--	6.88
18...	1040	--	--	4.48					
MAR									
23...	0935	--	--	4.64					



COLLIER COUNTY

WELL NUMBER.--261347081351201. Local Number C 953.

LOCATION.--Lat 26°13'47", long 81°35'12", in NW1/4NW1/4 sec.11, T.49 S., R.27 E., Hydrologic Unit 03090204, at southwest corner of 10th Street SE and Golden Gate Parkway, 2.3 mi west of Everglades Boulevard and 2.6 mi east of Naples. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 12 ft, open hole 12 to 40 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 12.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 4.34 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

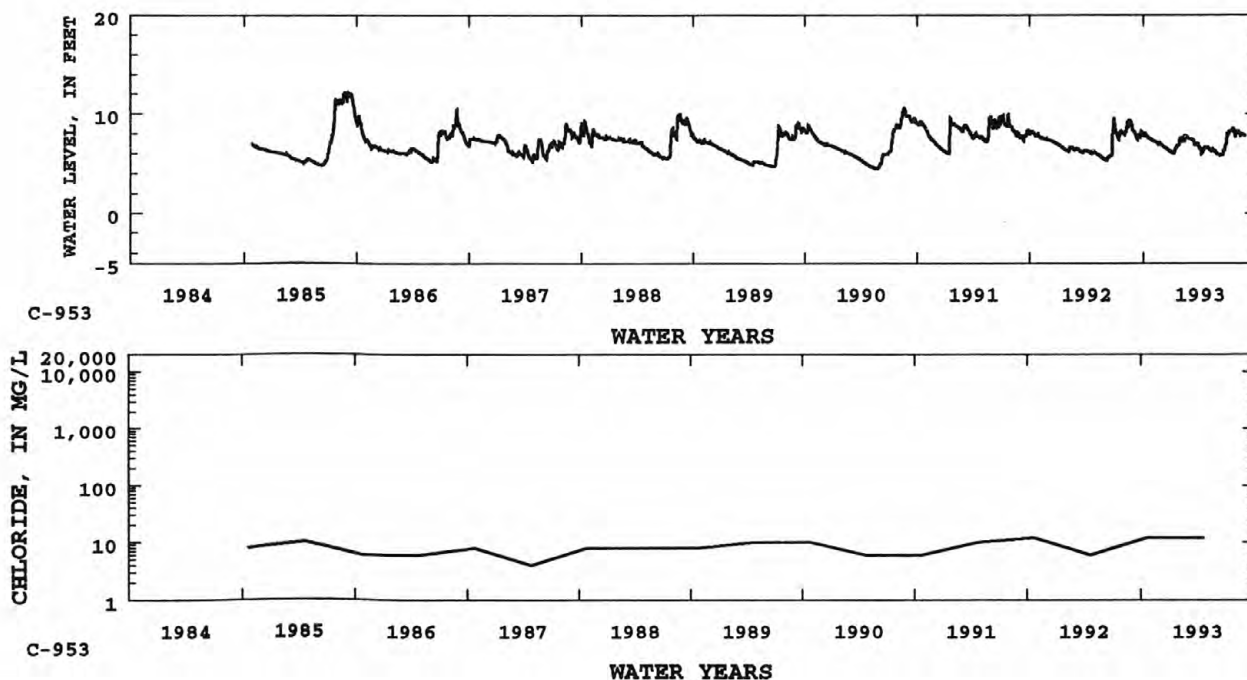
PERIOD OF RECORD.--October 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 12.20 ft NGVD, Sept. 1, 1985; lowest, 4.46 ft NGVD, May 20-24, 1990.

STATION NUMBER 261347081351201 C - 953
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.09	7.25	6.71	6.03	7.24	7.45	6.42	6.33	5.90	8.18	8.13	---
10	7.84	7.14	6.59	6.25	7.23	7.35	6.26	6.33	5.89	8.25	7.92	---
15	7.64	7.09	6.46	6.59	7.68	6.92	6.50	6.33	6.09	8.62	7.97	---
20	7.51	6.99	6.33	6.82	7.61	6.99	6.63	6.22	6.42	8.33	7.88	---
25	7.45	6.96	6.24	6.89	7.46	6.99	6.59	6.00	7.02	7.61	7.93	---
EOM	7.31	6.84	6.10	7.44	7.50	6.55	6.47	5.94	7.98	8.25	---	---
MEAN	7.66	7.08	6.45	6.65	7.52	7.10	6.46	6.21	6.46	8.20	---	---
MAX	8.09	7.30	6.83	7.53	7.83	7.50	6.66	6.45	8.01	8.63	---	---
MIN	7.31	6.84	6.10	6.00	7.22	6.55	6.01	5.93	5.87	7.61	---	---

CAL YR 1992 MEAN 6.95 MAX 9.61 MIN 5.27



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261347081351202. Local Number C 951.

LOCATION.--Lat 26°13'47", long 81°35'12", in NW1/4NW1/4 sec.11, T.49 S., R.27 E., Hydrologic Unit 03090204, at southwest corner of 10th Street SE and Golden Gate Parkway, 2.3 mi west of Everglades Boulevard and 2.6 mi east of Naples. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 170 ft, cased to 120 ft, open hole 120 to 170 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 12.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.92 ft above land-surface datum.

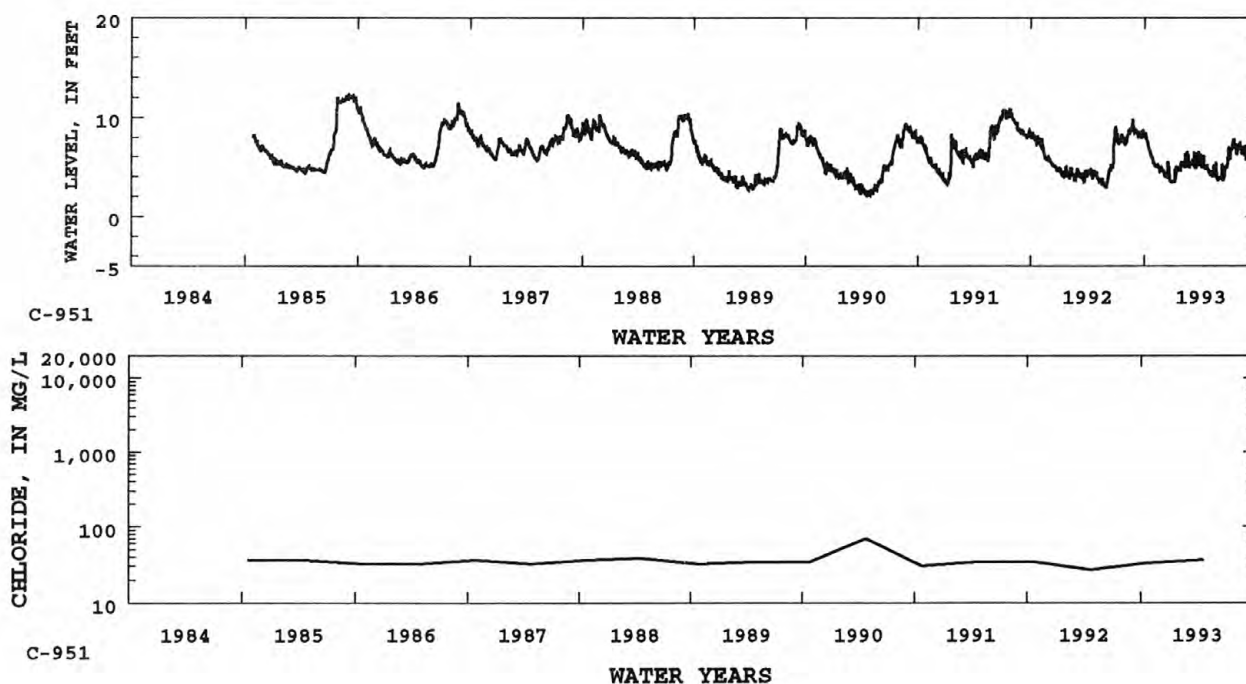
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 12.21 ft NGVD, Sept. 6, 1985; lowest, 2.10 ft NGVD, Apr. 29, 1990.

STATION NUMBER 261347081351202 C - 951
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.22	5.11	4.07	3.52	5.08	5.74	4.97	4.15	4.15	6.49	7.16	7.53
10	7.69	5.08	4.22	4.50	5.57	5.34	5.25	4.15	3.63	6.87	6.63	8.20
15	6.74	5.10	5.59	4.56	6.62	4.83	4.76	4.24	4.78	7.56	6.51	7.86
20	6.29	4.56	3.76	4.64	5.23	5.32	5.04	4.67	4.98	7.31	7.13	7.54
25	5.96	4.83	3.49	4.51	5.09	5.79	4.62	3.59	5.46	6.36	5.87	6.99
EOM	5.36	4.55	3.41	5.24	5.40	5.30	4.28	3.82	6.95	7.01	7.77	6.77
MEAN	6.87	4.88	4.03	4.57	5.34	5.44	4.95	4.16	4.77	6.85	6.67	7.55
MAX	8.36	5.30	5.59	5.53	6.62	6.57	6.17	5.45	7.03	7.88	7.77	8.21
MIN	5.36	4.55	3.41	3.47	4.89	4.83	4.28	3.59	3.58	5.80	5.68	6.61
CAL YR 1992	MEAN 5.52	MAX 9.81	MIN 2.90									
WTR YR 1993	MEAN 5.51	MAX 8.36	MIN 3.41									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

221

WELL NUMBER.--261347081351701. Local Number C 948.

LOCATION.--Lat 26°13'47", long 81°35'17", in NW1/4NW1/4 sec.11, T.49 S., R.27 E., Hydrologic Unit 03090204, 30 ft east of canal, 50 ft south of Golden Gate Parkway, 2.4 mi west of Everglades Parkway and 2.5 mi east of Naples.

Owner: South Florida Water Management District.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 420 ft, cased to 370 ft, open hole 370 to 420 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 12.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of gate valve at land-surface datum.

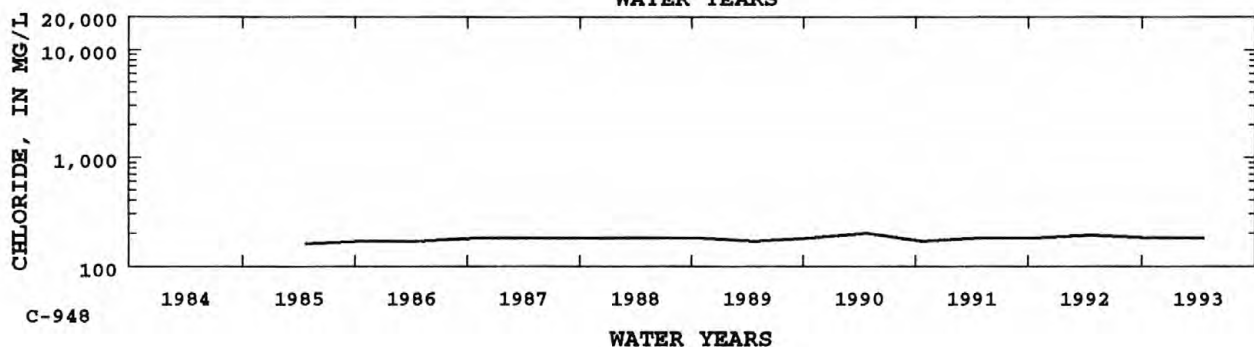
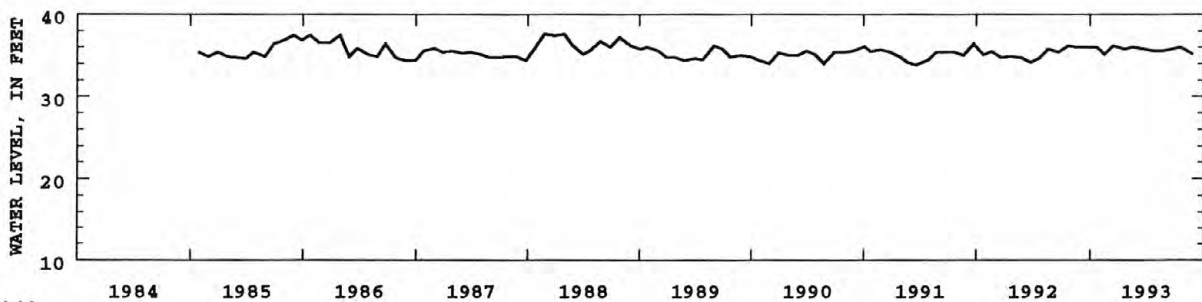
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 37.6 ft NGVD, Nov. 25, 1987, Jan. 28, 1988; lowest measured, 33.9 ft NGVD, Mar. 19, 1991.

261347081351701 - C - 948

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1345	--	--	36.00	19...	1445	1790	180	35.60
22...	1435	1790	180	36.00	MAY				
NOV					21...	1330	--	--	35.60
16...	1325	--	--	35.20	JUN				
DEC					22...	1300	--	--	35.80
14...	1400	--	--	36.20	JUL				
JAN					19...	1340	--	--	36.00
19...	1250	--	--	35.80	AUG				
FEB					26...	1400	--	--	35.20
16...	1310	--	--	36.00					
MAR									
22...	1310	--	--	35.80					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261401081461401. Local Number C 458.

LOCATION.--Lat 26°14'01", long 81°46'14", in NE1/4SE1/4 sec.3, T.49 S., R.25 E., Hydrologic Unit 03090204, 0.50 mi east of the intersection of Cavica Road and Gordon Road at Naples. Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 63 ft cased to 63 ft open end.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

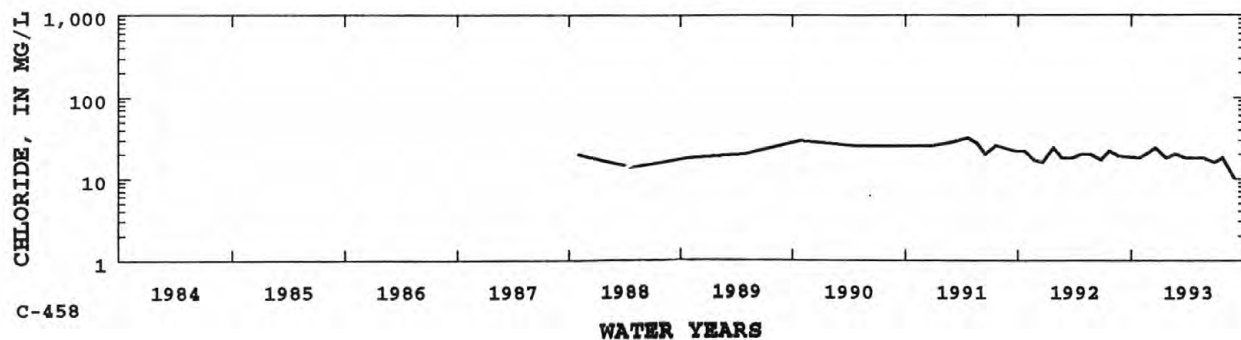
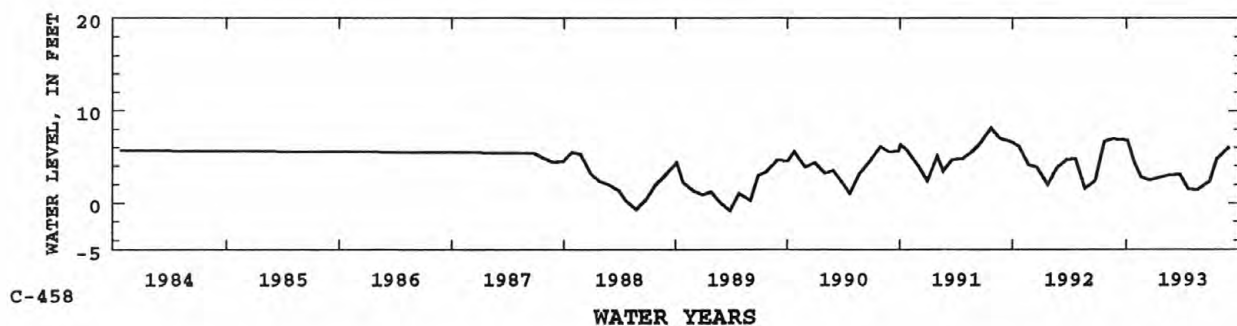
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1971 to October 1983 (semiannual), June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.53 ft NGVD, Oct. 22, 1971; lowest measured, 3.14 ft below NGVD, May 12, 1975.

261401081461401 - C - 458

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					MAR				
06...	1330	--	--	6.82	23...	0850	704	18	3.13
26...	0805	629	18	4.48	APR				
NOV					19...	1250	698	18	1.47
09...	0700	--	--	3.36	MAY				
17...	0845	646	20	2.84	18...	1235	710	18	1.46
DEC					JUN				
15...	0850	630	24	2.49	25...	1350	385	16	2.31
JAN					JUL				
21...	1000	517	18	2.83	19...	0850	653	18	4.80
FEB					AUG				
18...	1250	708	20	3.02	27...	0855	360	10	6.03



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

223

WELL NUMBER.--261405081465501. Local Number C 460.

LOCATION.--Lat 26°14'05", long 81°47'05", in NW1/4SW1/4 sec.2, T.49 S., R.25 E., Hydrologic Unit 03090204, 0.35 mi east of the intersection of Carica Road and Gordon Road at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 66 ft, cased to 64 ft, open hole 64 to 66 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. casing, 3.07 ft above land-surface datum.

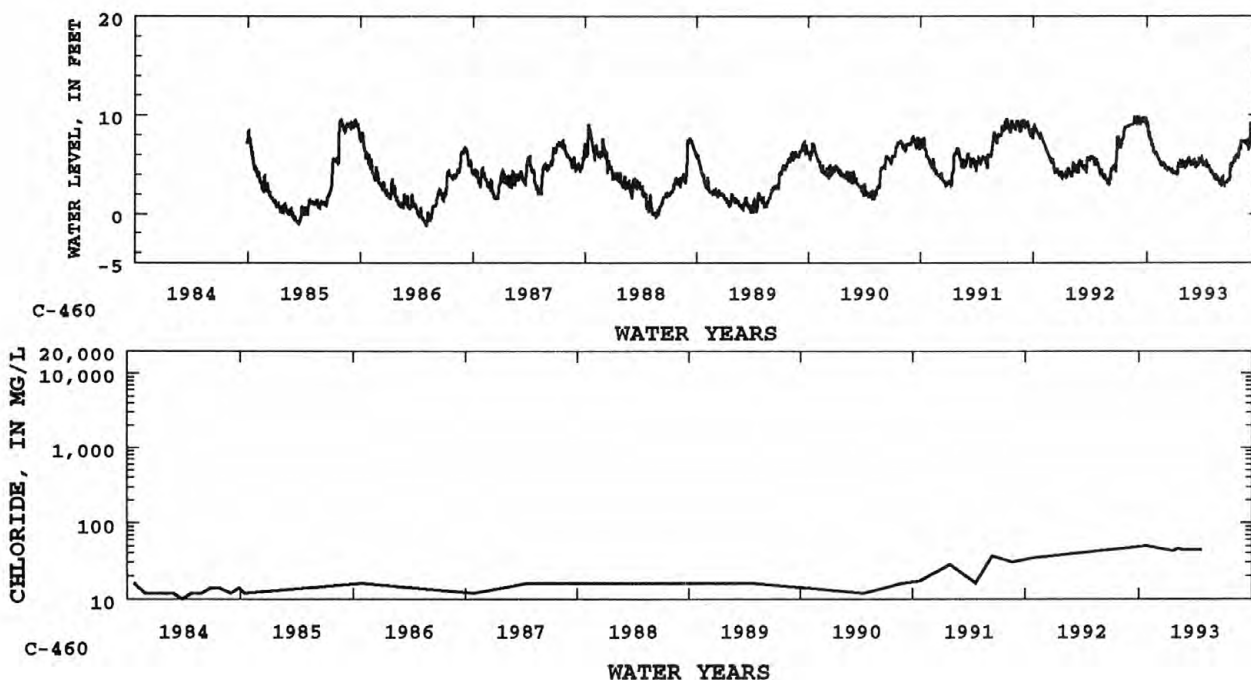
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1973 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.83 ft NGVD, Sept. 2, 1992; lowest, 1.32 ft below NGVD, May 1, 1986.

STATION NUMBER 261405081465501 C - 460
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.79	---	4.67	4.22	4.81	5.19	5.24	3.69	2.94	5.15	7.28	8.61
10	7.75	5.50	4.62	4.93	5.21	4.84	5.31	4.06	3.17	5.55	7.30	8.67
15	7.51	5.02	4.43	4.85	5.34	4.97	4.75	3.52	3.20	5.80	7.02	8.83
20	6.86	4.95	4.41	4.78	4.96	5.42	4.71	3.52	3.28	5.86	7.21	8.53
25	6.29	5.24	4.34	5.19	4.97	5.41	4.40	3.03	3.77	6.45	6.60	7.98
EOM	---	4.83	4.04	5.08	5.55	4.90	3.91	3.56	5.03	7.32	9.09	8.31
MEAN	---	---	4.45	4.79	5.18	5.21	4.74	3.55	3.51	5.82	7.25	8.59
MAX	---	---	4.87	5.32	5.62	5.61	5.35	4.06	5.03	7.32	9.09	9.10
MIN	---	---	4.00	3.95	4.80	4.84	3.91	2.92	2.88	4.99	6.60	7.98



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261417081305402. Local Number C 598.

LOCATION.--Lat 26°14'16", long 81°30'54", in NE1/4SE1/4 sec.4, T.49 S., R.28 E., Hydrologic Unit 03090204, at southeast corner of Desoto Boulevard and NE 4th Avenue, 5.8 mi north of State Road 84 and 18.6 mi east of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 36.5 ft, cased to 32.5 ft, screened 32.5 to 36.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 13.36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.18 ft above land-surface datum.

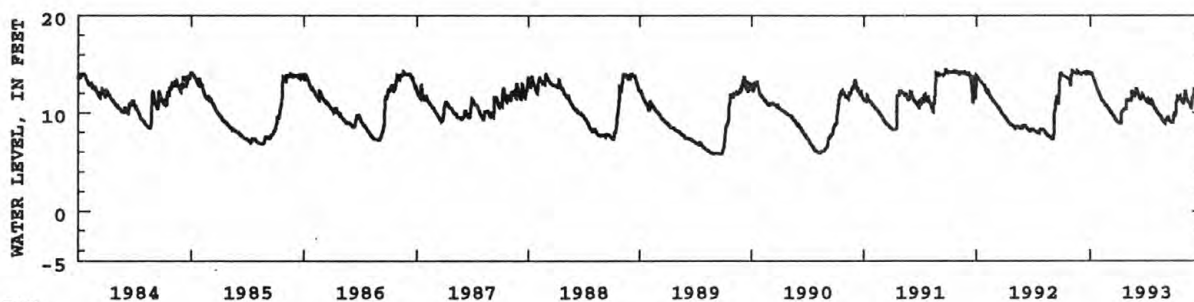
REMARKS.--Well also sampled for water quality. Replacement well for C 502.

PERIOD OF RECORD.--September 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.48 ft NGVD, Sept. 2, 1983; lowest, 5.78 ft NGVD, June 25, 1989.

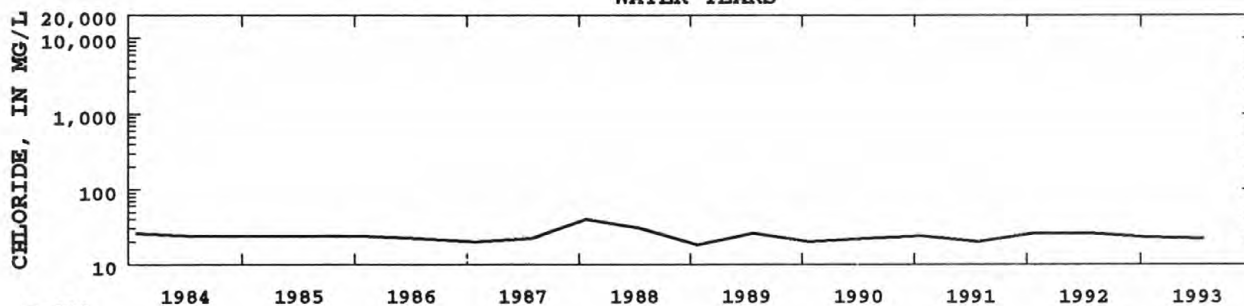
STATION NUMBER 261417081305402 C - 598
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.11	11.48	10.12	8.91	11.27	11.89	11.37	10.02	9.45	10.94	11.86	12.07
10	---	11.24	9.90	10.08	11.24	11.45	11.05	9.81	9.36	11.48	11.25	12.49
15	---	11.01	9.66	10.20	12.12	11.51	10.92	9.60	9.09	11.71	11.04	12.14
20	---	10.71	9.38	10.44	11.83	11.73	10.98	9.31	9.00	11.46	10.61	12.37
25	12.31	10.63	9.19	10.43	11.96	11.43	10.53	9.09	9.24	11.05	11.58	12.25
EOM	11.87	10.38	9.00	11.37	12.32	11.17	10.31	9.23	9.90	11.92	12.40	12.10
MEAN	---	11.00	9.61	10.14	11.79	11.61	10.90	9.54	9.32	11.16	11.35	12.29
MAX	---	11.79	10.34	11.37	12.45	12.22	11.37	10.21	9.93	11.92	12.40	12.66
MIN	---	10.38	9.00	8.89	11.22	11.17	10.31	8.94	8.96	9.84	10.42	11.94



C-598

WATER YEARS



C-598

WATER YEARS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

225

WELL NUMBER.--261435081472501. Local Number C 321.

LOCATION.--Lat 26°14'35", long 81°47'25", in SW1/4SE1/4 sec.34, T.48 S., R.25 E., Hydrologic Unit 03090204, 1 ft south of concrete power pole, 25 ft east of Hickory Road, 900 ft south of Carica Road at Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Jettied, observation, water-table well, diameter 1.25 in., depth 20.3 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.56 ft above land-surface datum.

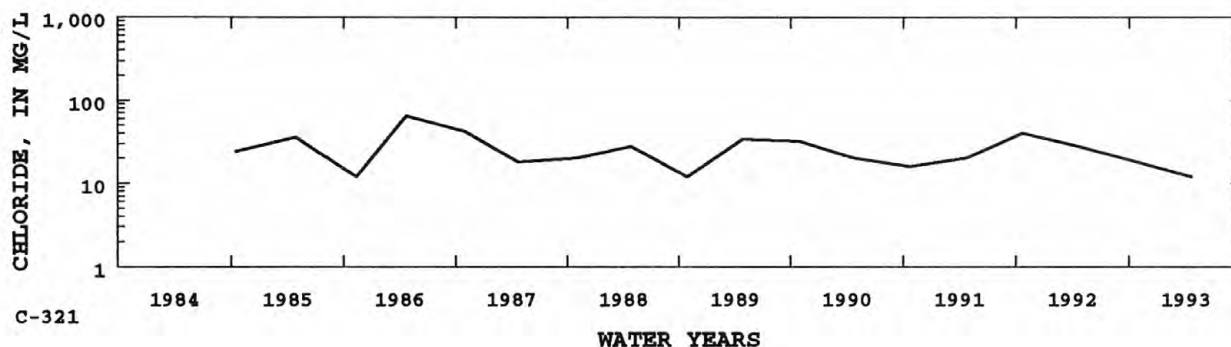
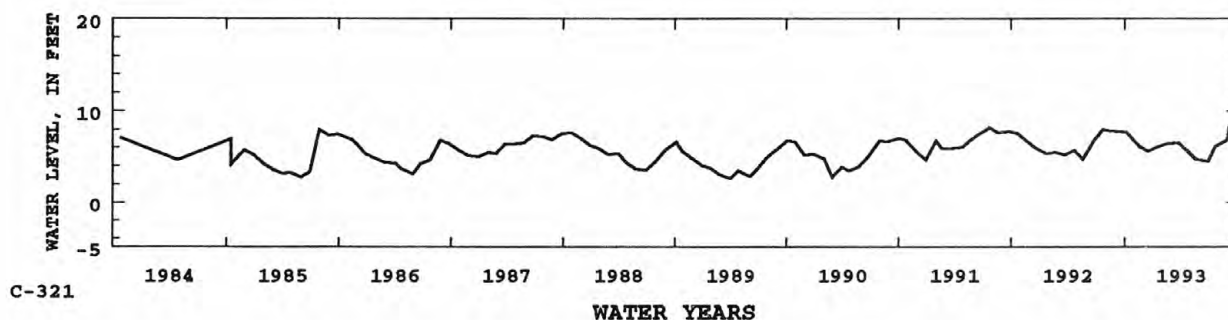
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--1971 to current year. Records of water levels prior to October 1984 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.62 ft NGVD, Oct. 22, 1971; lowest measured, 2.63 ft NGVD, Mar. 30, 1989.

261435081472501 - C - 321

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1215	--	--	7.67	19...	1050	346	12	5.69
26...	1145	--	--	6.93	MAY				
NOV					18...	1140	--	--	4.72
17...	1210	--	--	6.13	JUN				
DEC					26...	1050	--	--	4.48
15...	1205	--	--	5.59	JUL				
JAN					19...	1320	--	--	6.10
21...	1250	--	--	6.17	AUG				
FEB					27...	1325	--	--	6.78
18...	1020	--	--	6.47	SEP				
MAR					01...	1240	--	--	8.26
23...	1020	--	--	6.52					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261436081480301. Local Number C 1003.

LOCATION.--Lat 26°14'36", long 81°48'03", in SW1/4SW1/4 sec.34, T.48 S., R.25 E., Hydrologic Unit 03090204, at the southeast corner of Sand Pine and Trail Boulevard, 300 ft east of U.S. Highway 41 and 5.5 mi north of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 61 ft, cased to 51 ft, open hole 51 to 61 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.03 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

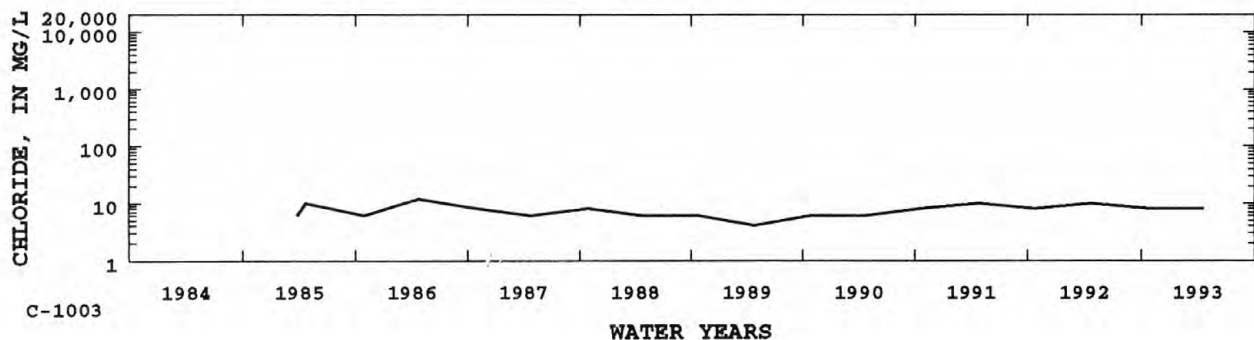
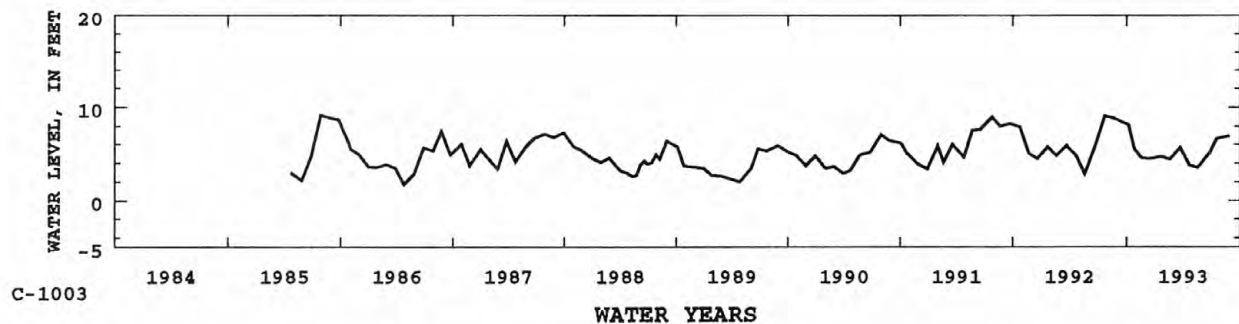
REMARKS.--Well also sampled for water quality. Replacement well for C 505A.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.14 ft NGVD, July 29, 1985; lowest measured, 1.73 ft NGVD, Apr. 24, 1986.

261436081480301 - C -1003

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1110	--	--	8.13	19...	1035	386	8.0	3.79
26...	1210	358	8.0	5.51	MAY				
NOV					18...	1135	--	--	3.55
17...	1215	--	--	4.56	JUN				
DEC					26...	1055	--	--	5.09
15...	1210	--	--	4.51	JUL				
JAN					19...	1325	--	--	6.67
21...	1310	--	--	4.73	AUG				
FEB					27...	1305	--	--	6.92
18...	1010	--	--	4.45					
MAR									
23...	1025	--	--	5.69					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

227

WELL NUMBER.--261444081284901. Local Number C 988

LOCATION.--Lat 26°14'44", long 81°28'49", in NE1/4NE1/4 sec.2, T.49 S., R.28 E., Hydrologic Unit 03090204, 100 ft west of farm road, 3.6 mi south of intersection of County Road 858 and Oil Well Road and 12.7 mi south of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 160 ft, cased to 95 ft, open hole 95 to 160 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 15.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 4.75 ft above land-surface datum.

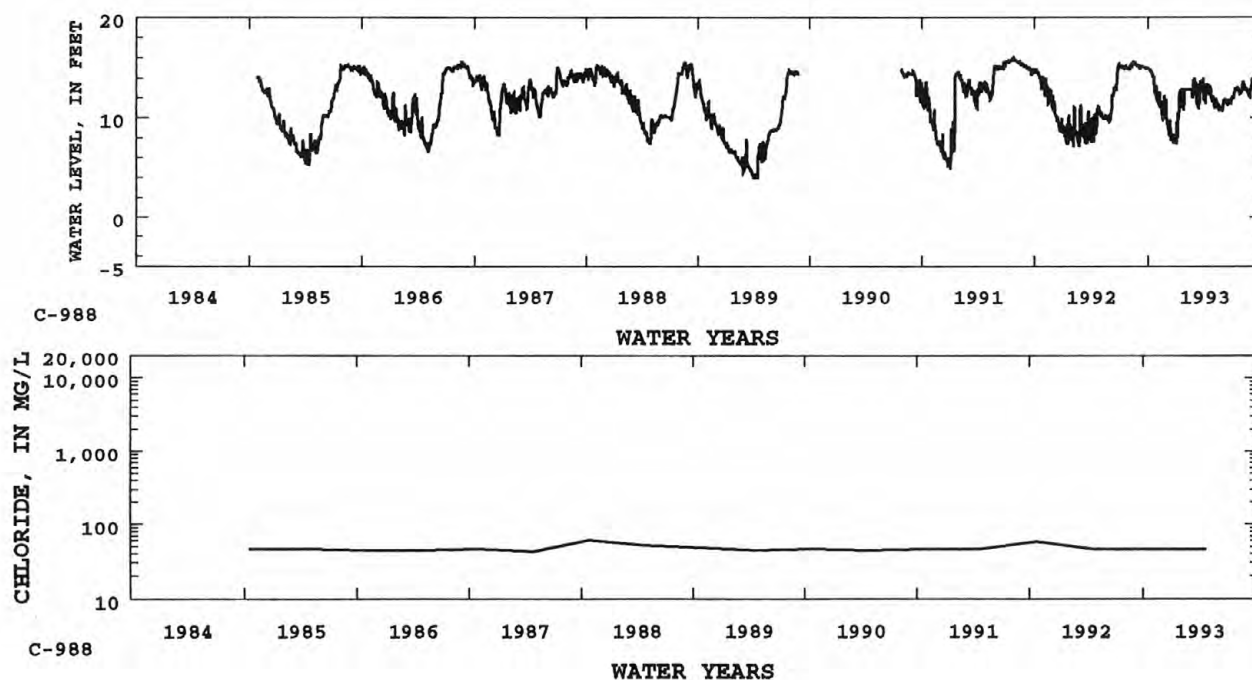
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 15.90 ft NGVD, July 23, 1991; lowest, 3.87 ft NGVD, Apr. 3, 1989.

STATION NUMBER 261444081284901 C - 988
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	11.09	9.00	10.43	---	12.10	13.35	11.80	11.82	12.43	13.24	13.82
10	14.63	11.06	9.75	12.43	---	11.10	13.30	11.26	11.55	12.87	12.79	14.35
15	14.24	10.26	7.94	12.41	---	11.46	12.52	10.85	11.49	13.08	12.77	14.32
20	13.88	10.80	7.60	11.05	12.08	13.26	12.19	11.13	11.52	12.63	12.30	14.54
25	12.99	10.39	7.48	12.79	12.29	13.70	11.55	10.77	11.75	12.54	12.77	14.15
EOM	11.67	9.91	8.13	---	13.93	12.69	11.53	11.51	11.92	13.21	13.78	14.23
MEAN	---	11.04	8.21	---	---	12.57	12.49	11.14	11.65	12.63	12.85	14.22
MAX	---	12.54	9.75	---	---	13.74	13.42	11.80	12.01	13.21	13.78	14.63
MIN	---	9.82	7.39	---	---	11.06	11.37	10.63	11.34	11.87	12.10	13.80



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261459081480401. Local Number C 1060.

LOCATION.--Lat 26°14'59", long 81°48'04", in NW1/4SW1/4 sec.34, T.48 S., R.25 E., Hydrologic Unit 03090204, 150 ft south of Hickory Road and 200 ft east of U.S. Highway 41, 8.4 mi northwest of Collier County Government Center. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 10 ft, 15 ft of 0.020 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 3.30 ft above land-surface datum.

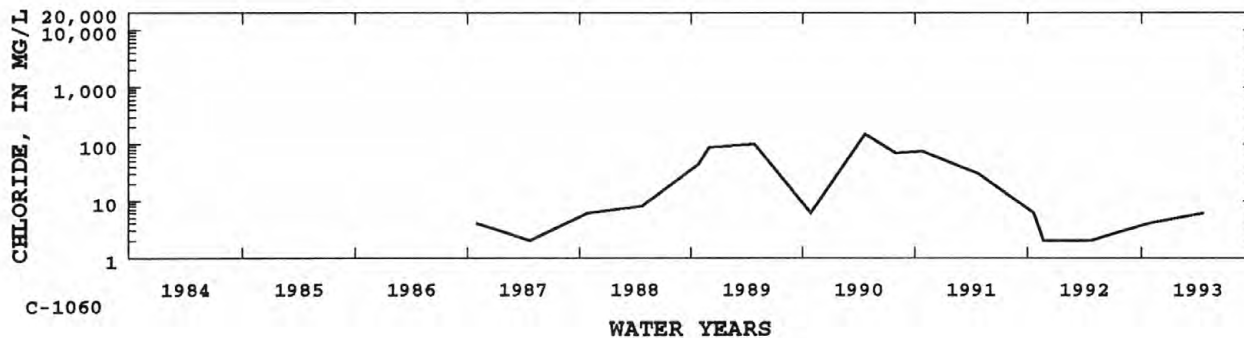
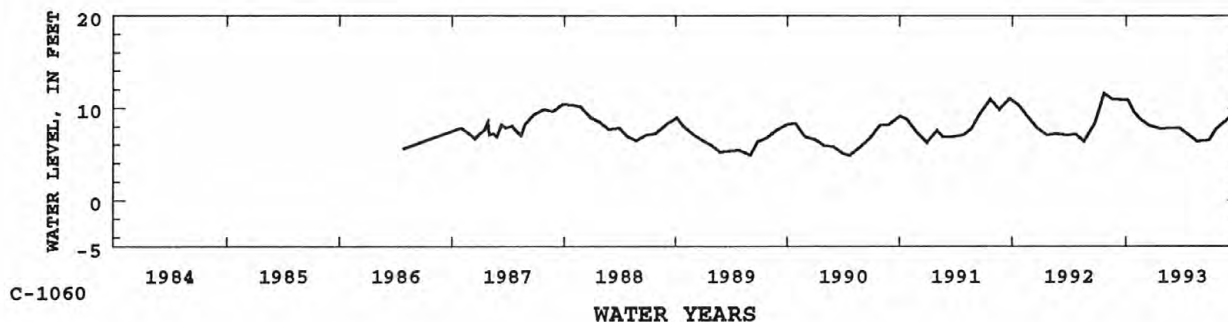
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.57 ft NGVD, July 23, 1992; lowest measured, 4.81 ft NGVD, June 2, 1989.

261459081480401 - C -1060

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1105	--	--	10.91	19...	1045	229	6.0	7.12
26...	1200	103	4.0	9.68	MAY				
NOV					18...	1130	--	--	6.35
17...	1220	--	--	8.74	JUN				
DEC					26...	1100	--	--	6.53
15...	1215	--	--	8.10	JUL				
JAN					19...	1330	--	--	7.75
21...	1300	--	--	7.78	AUG				
FEB					27...	1330	--	--	8.90
18...	0930	--	--	7.80					
MAR									
23...	1025	--	--	7.83					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

229

WELL NUMBER.--261508081484902. Local Number C 999.

LOCATION.--Lat 26°15'08", long 81°48'49", in SW1/4NW1/4 sec.33, T.48 S., R.25 E., Hydrologic Unit 03090204, 30 ft north of Vanderbilt Beach Road, 0.85 mi west of U.S. Highway 41 and 6.5 mi north of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 23 ft cased to 13 ft, screened 13 to 23 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.74 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.96 ft above land-surface datum.

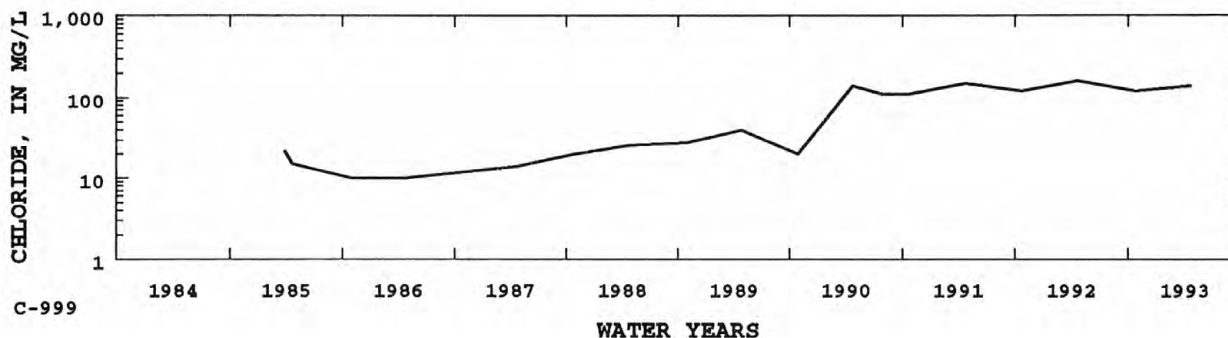
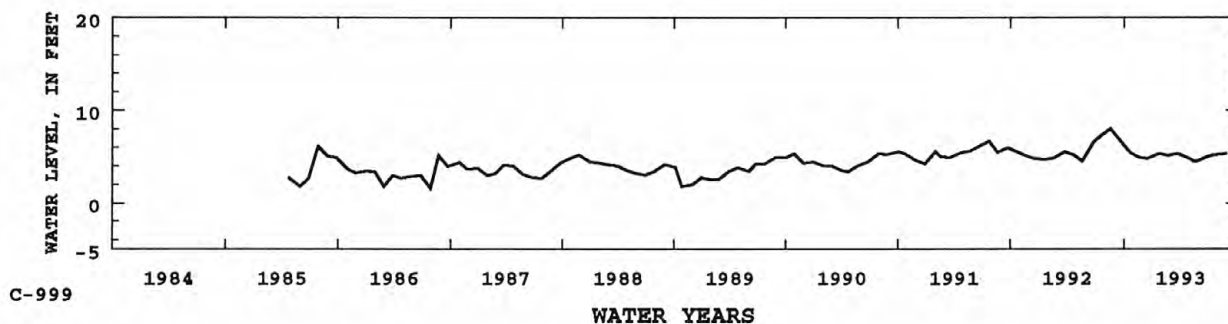
REMARKS.--Well also sampled for water quality. Replacement well for C 319.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.00 ft NGVD, Aug. 19, 1992; lowest measured, 1.56 ft NGVD, July 28, 1986.

261508081484902 - C - 999

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-	ATION			CON-	DIS-	ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
07...	1100	--	--	5.94	19...	1025	1070	140	4.93
22...	0850	980	120	5.42	MAY				
NOV					18...	1115	--	--	4.40
17...	1225	--	--	4.91	JUN				
DEC					26...	1110	--	--	4.95
14...	1320	--	--	4.75	JUL				
JAN					19...	1330	--	--	5.22
21...	1320	--	--	5.33	AUG				
FEB					27...	1340	--	--	5.32
18...	0920	--	--	5.12					
MAR									
23...	1035	--	--	5.31					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261524081480401. Local Number C 424.

LOCATION.--Lat 26°15'24", long 81°48'04", in NW1/4NW1/4 sec.34, T.48 S., R.25 E., Hydrologic Unit 03090204, 100 ft east of the intersection of 94th Avenue and U.S. Highway 41, 6 mi north of the new Naples Post Office.

Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 132 ft, cased to 126 ft, open hole 126 to 132 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.78 ft above land-surface datum.

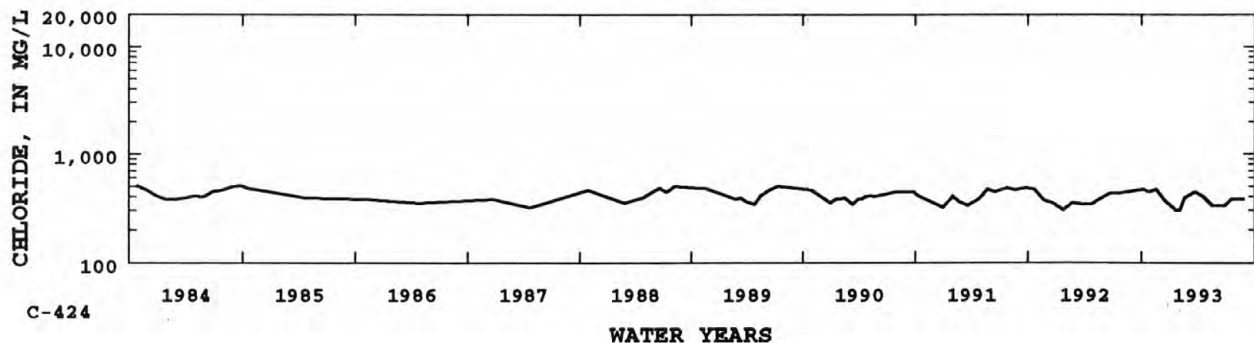
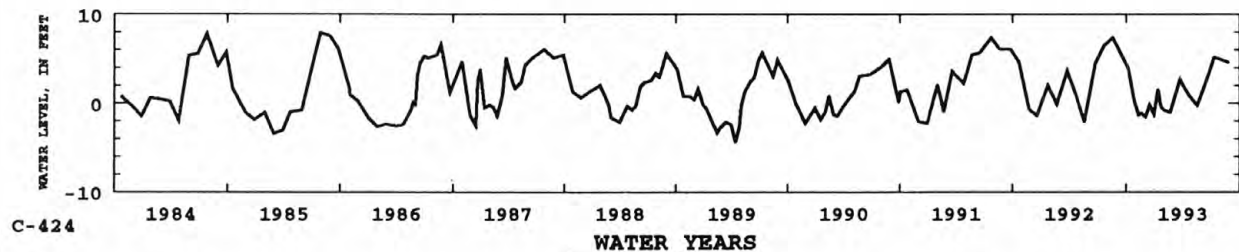
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--March 1965 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.78 ft NGVD, Oct. 22, 1971; lowest measured, 4.46 ft below NGVD, Apr. 13, 1989.

261524081480401 - C - 424

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					MAR				
07...	1225	2050	470	3.94	23...	0940	1880	440	2.68
26...	1250	1820	440	0.35	APR				
NOV					19...	1005	1780	400	0.84
09...	0900	--	--	-1.35	MAY				
17...	1235	1660	470	-1.17	18...	1100	1390	330	-0.3
DEC					JUN				
02...	0945	--	--	-1.59	26...	1120	1130	330	3.55
15...	1215	1620	370	-0.23	JUL				
29...	1050	--	--	-1.29	09...	1140	--	--	5.17
JAN					19...	1330	1380	380	5.12
11...	1140	--	--	1.56	AUG				
21...	1330	1160	300	-0.49	27...	1345	1320	380	4.58
FEB									
03...	0930	1120	300	-0.87					
18...	0935	1730	390	-1.06					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

231

WELL NUMBER.--261530081412001. Local Number C 997.

LOCATION.--Lat 26°15'30", long 81°41'20", in SE1/4SE1/4 sec.27, T.48 S., R.26 E., Hydrologic Unit 03090204, 75 ft east of County Road 951, 1.0 mi south of County Road 846 and 9.5 mi northeast of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 22 ft, cased to 12 ft, screened 12 to 22 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.43 ft above land-surface datum.

REMARKS.--Well also sampled for water quality. Replaces well C 383.

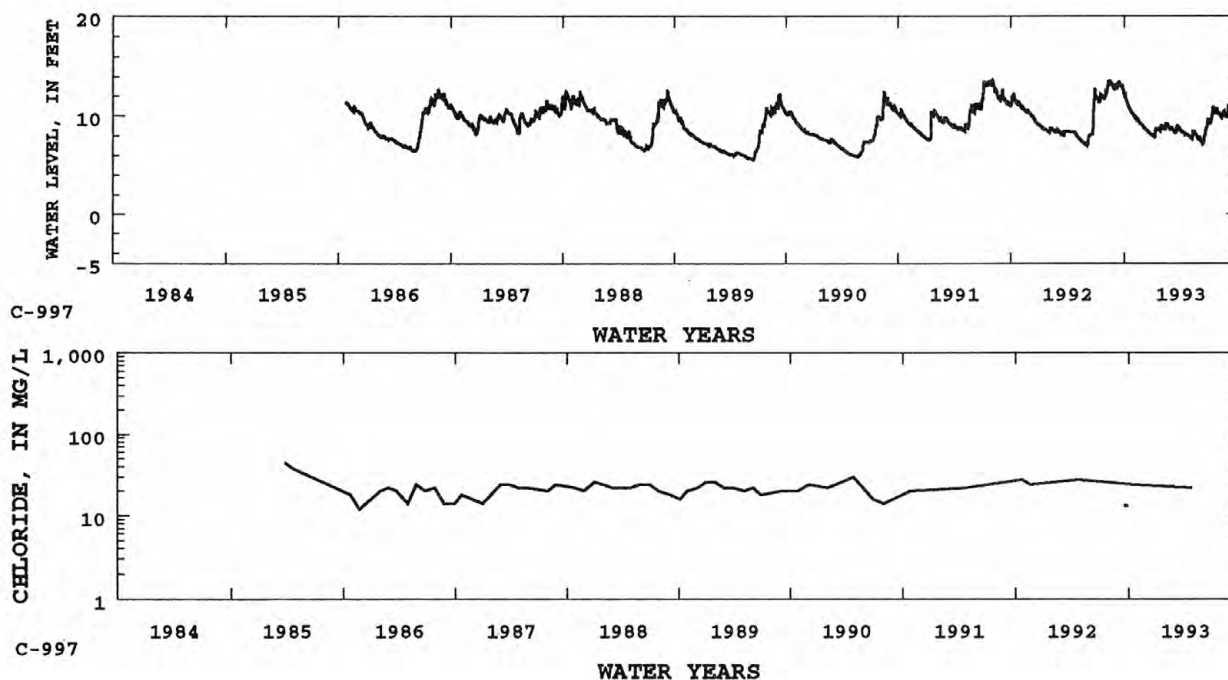
PERIOD OF RECORD.--March 1985 to September 1985 (monthly). October 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.66 ft NGVD, Aug. 16, 1992; lowest, 5.53 ft NGVD, June 18, 1989.

STATION NUMBER 261530081412001 C - 997
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.00	9.86	8.76	7.93	8.67	8.65	8.37	7.73	7.42	9.23	10.13	10.42
10	11.40	9.64	8.61	8.68	8.64	8.39	8.31	8.44	7.22	10.07	9.88	10.92
15	10.92	9.55	8.44	8.65	9.23	8.35	8.15	8.34	7.85	10.95	10.14	11.55
20	10.58	9.26	8.28	8.63	8.92	8.97	8.12	8.13	8.32	10.57	10.14	10.96
25	10.34	9.14	8.16	8.59	8.76	8.83	8.00	7.82	8.99	10.71	9.88	10.67
EOM	10.05	8.96	8.02	8.89	8.84	8.51	7.88	7.89	9.58	10.23	10.91	10.86
MEAN	10.98	9.49	8.43	8.53	8.86	8.65	8.18	8.01	8.13	10.20	10.13	10.95
MAX	12.16	10.02	8.92	9.02	9.23	8.97	8.48	8.48	9.71	10.96	10.91	11.77
MIN	10.05	8.96	8.02	7.90	8.57	8.32	7.88	7.54	7.19	9.21	9.86	10.42

WTR YR 1993 MEAN 9.22 MAX 12.16 MIN 7.19



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261537081461201. Local Number C 1057.

LOCATION.--Lat 26°15'37", long 81°46'12", in SE1/4SE1/4 sec.26, T.48 S., R.25 E., Hydrologic Unit 03090204, 100 ft south of Huntington Drive and 100 ft west of State Road 31, 9.1 mi north of Collier County Government Center.

Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 10.5 ft, cased to 8 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 0.20 ft above land-surface datum.

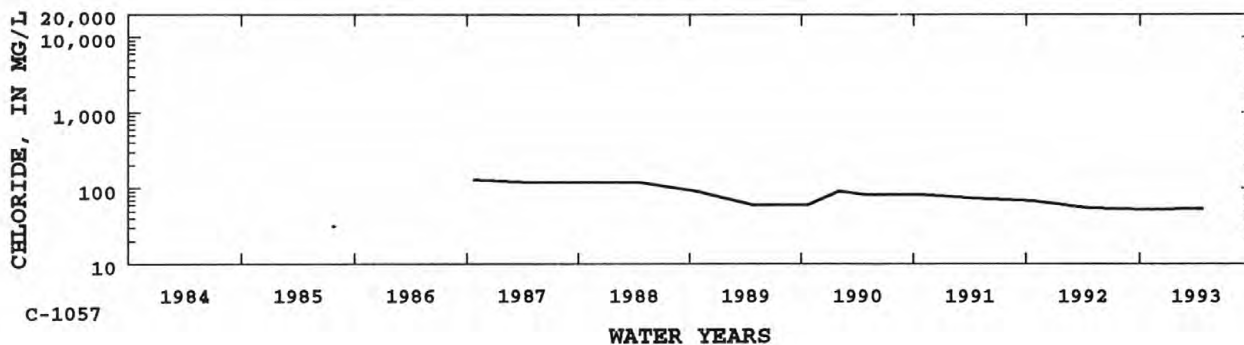
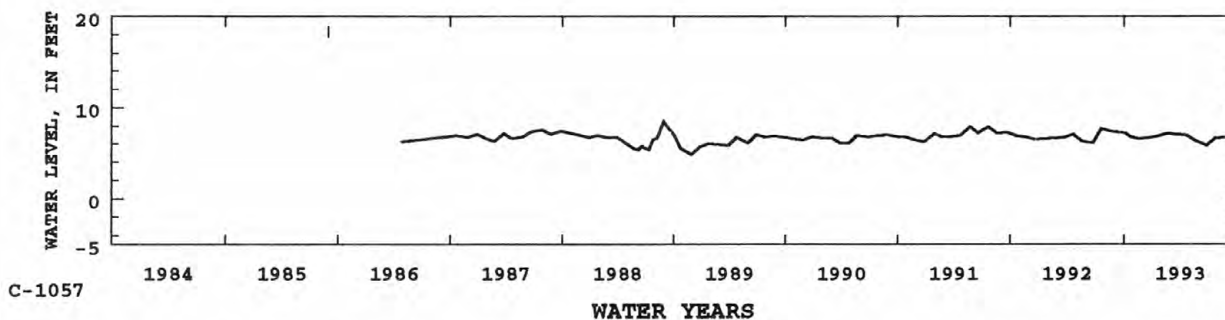
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.49 ft NGVD, Aug. 29, 1988; lowest measured, 4.82 ft NGVD, Nov. 29, 1988.

261537081461201 - C -1057

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS CL	NGVD			SOLVED	AS CL	NGVD
(US/CM)	(MG/L)	(FEET)	(US/CM)	(MG/L)	(FEET)	(US/CM)	(MG/L)	(FEET)	(FEET)
OCT					APR				
06...	0800	--	--	7.22	22...	1400	932	54	6.93
21...	1015	999	53	6.76	MAY				
NOV					18...	0925	--	--	6.40
16...	0810	--	--	6.59	JUN				
DEC					23...	1030	--	--	5.84
16...	0930	--	--	6.66	JUL				
JAN					22...	0920	--	--	6.64
20...	0920	--	--	6.87	AUG				
FEB					26...	0920	--	--	6.74
16...	0935	--	--	7.11					
MAR									
22...	0840	--	--	7.05					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

233

WELL NUMBER.--261537081461202. Local Number C 1058.

LOCATION.--Lat 26°15'37", long 81°46'12", in SE1/4SE1/4 sec.26, T.48 S., R.25 E., Hydrologic Unit 03090204, 100 ft south of Huntington Drive and 100 ft west of State Road 31, 9.1 mi north of Collier County Government Center.
Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 80 ft, cased to 62 ft, 18 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 2.70 ft above land-surface datum.

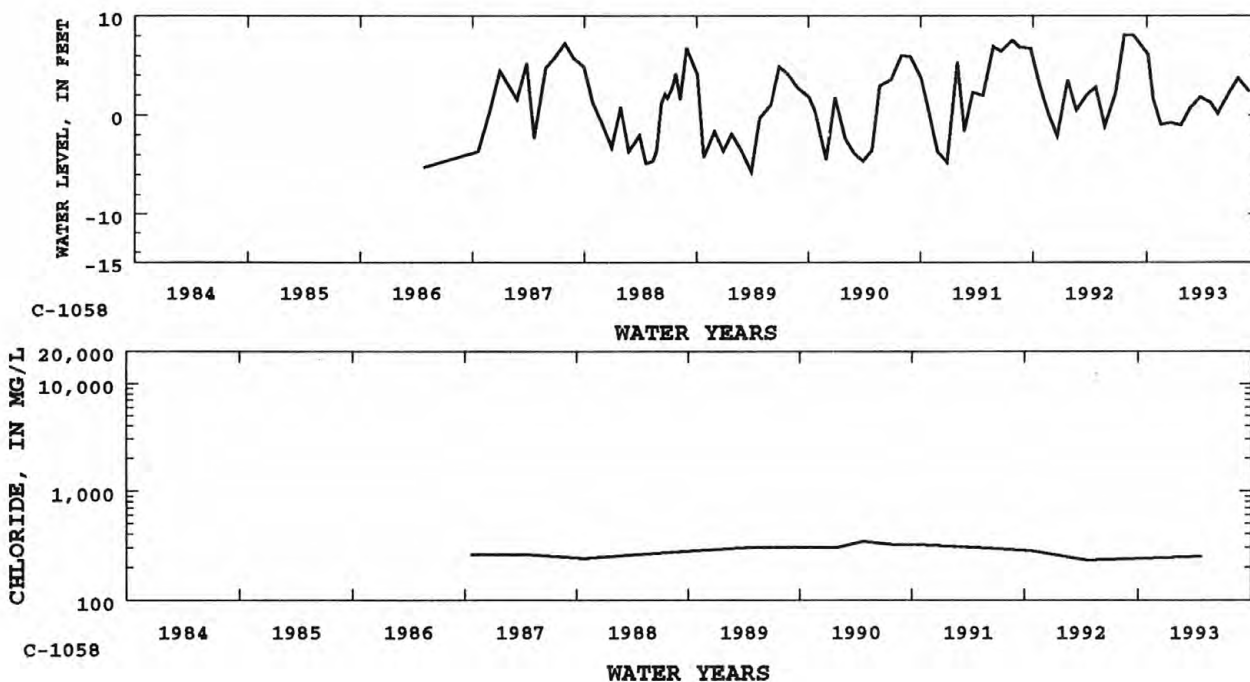
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.07 ft NGVD, Aug. 18, 1992; lowest measured, 5.78 ft below NGVD, Mar. 29, 1989.

261537081461202 - C -1058

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	0810	--	--	6.11	22...	1405	1580	250	1.33
21...	1000	1540	240	1.66	MAY				
NOV					18...	0925	--	--	0.14
16...	0815	--	--	-0.96	JUN				
DEC					23...	1030	--	--	2.19
16...	0930	--	--	-0.75	JUL				
JAN					22...	0920	--	--	3.73
20...	0925	--	--	-1.01	AUG				
FEB					26...	0920	--	--	2.33
16...	0935	--	--	0.67					
MAR									
22...	0840	--	--	1.82					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261604081480901. Local Number C 1059.

LOCATION.--Lat 26°16'04", long 81°48'09", in SW1/4NE1/4 sec.28, T.48 S., R.25 E., Hydrologic Unit 03090204, 20 ft behind Fire House on 106th Avenue and 300 ft west of US 41, 9.7 mi northwest of Collier County Government Center. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft., cased to 10 ft., 15 ft of 0.020 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.40 ft above land-surface datum.

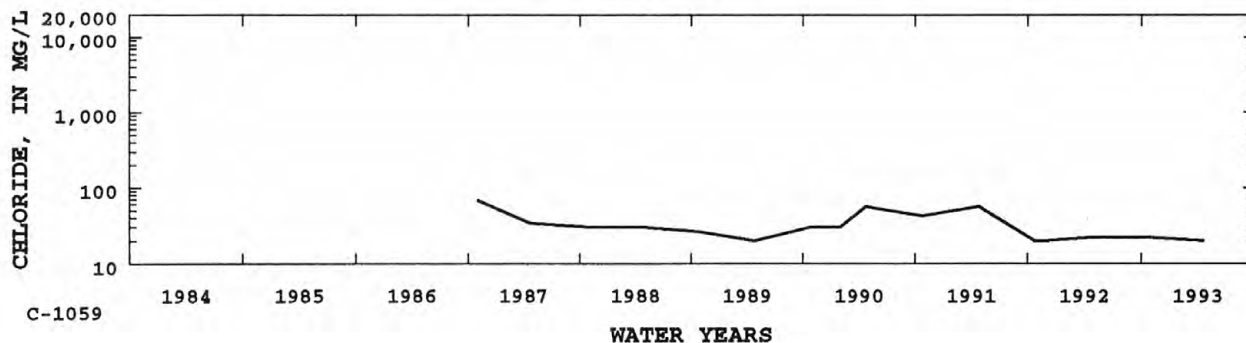
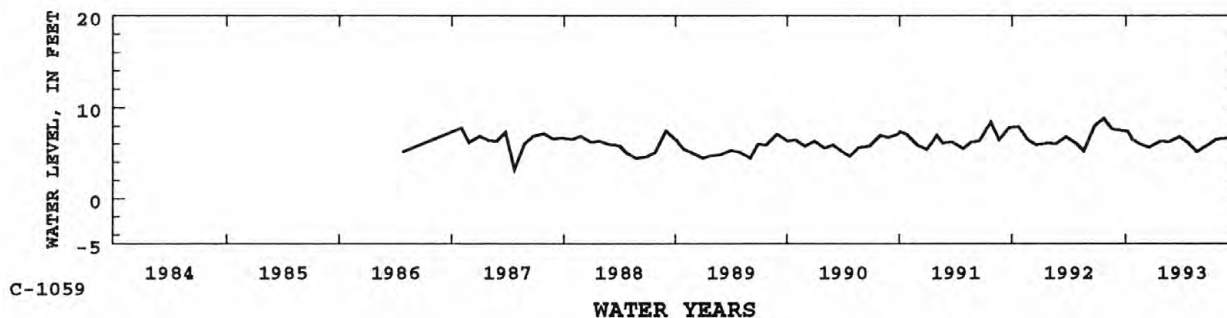
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.80 ft NGVD, July 23, 1992; lowest measured, 4.41 ft NGVD, June 2, 1989.

261604081480901 - C -1059

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1050	--	--	7.44	19...	0950	605	20	6.19
22...	0835	625	22	6.51	MAY				
NOV					18...	1055	--	--	5.12
17...	1245	--	--	5.97	JUN				
DEC					26...	1120	--	--	5.94
14...	1310	--	--	5.61	JUL				
JAN					19...	1350	--	--	6.50
21...	1400	--	--	6.32	AUG				
FEB					27...	1400	--	--	6.62
18...	0950	--	--	6.22					
MAR									
23...	1050	--	--	6.77					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

235

WELL NUMBER.--261620081450201. Local Number C 998.

LOCATION.--Lat 26°16'20", long 81°45'02", in SE1/4SW1/4 sec.19, T.48 S., R.25 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 0.75 mi west of I-75 and 8.5 mi northeast of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 62 ft, cased to 52 ft, screened 52 to 62 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 15.39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.45 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

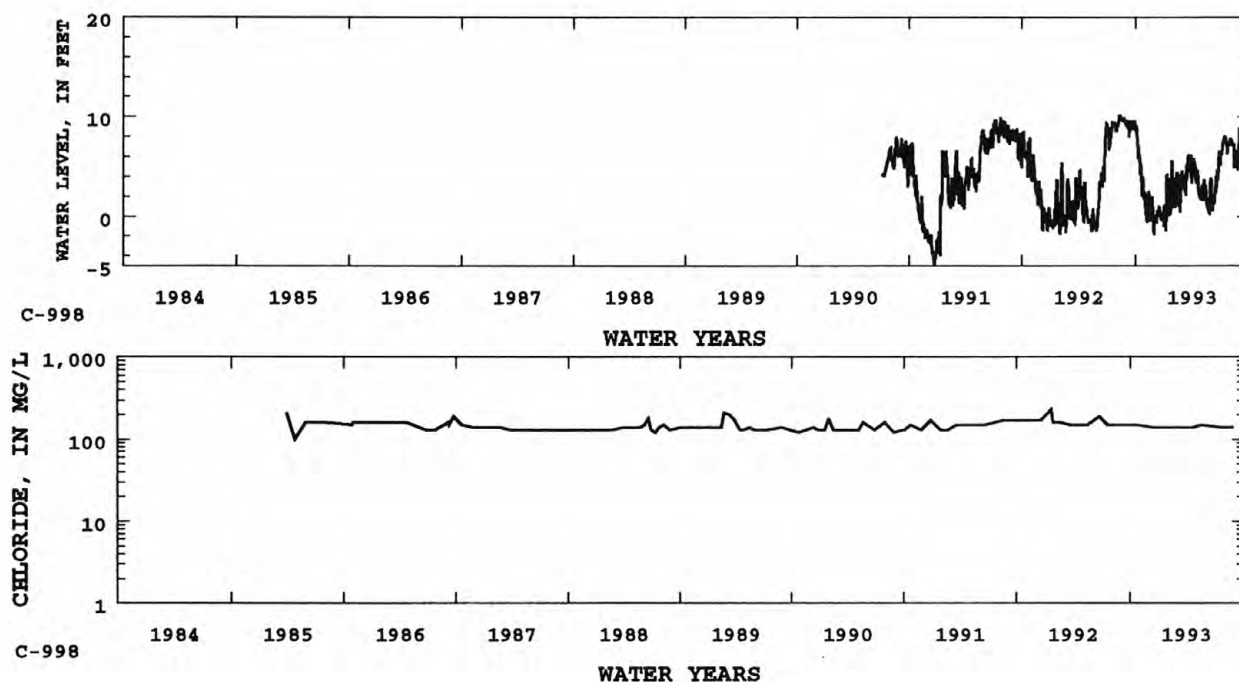
PERIOD OF RECORD.--March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.09 ft NGVD, Aug. 11, 1992; lowest, 4.89 ft below NGVD, Dec. 21, 1990.

STATION NUMBER 261620081450201 C - 998
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.70	-.19	.05	.58	1.23	3.45	5.69	1.67	.84	6.14	7.56	8.13
10	5.81	1.42	.54	4.08	3.24	2.60	5.34	3.59	1.87	7.49	7.14	9.04
15	5.80	.78	.30	2.64	2.71	3.69	3.36	2.18	2.52	8.09	4.90	9.12
20	3.89	-.46	.06	.26	1.38	5.74	3.18	1.29	2.91	7.46	---	8.24
25	3.61	1.97	-.20	4.25	2.63	5.58	2.16	.65	5.22	6.99	5.01	---
EOM	2.42	-1.82	-.09	1.30	4.52	3.32	1.87	3.80	5.68	7.43	8.75	8.14
MEAN	5.17	.49	-.01	2.14	2.63	4.20	3.70	1.99	3.24	7.11	---	---
MAX	9.11	2.49	1.00	5.49	4.52	6.03	5.79	3.80	6.24	8.09	---	---
MIN	1.76	-1.82	-1.01	-1.43	.42	2.09	1.80	.35	.54	5.15	---	---

CAL YR 1992 MEAN 3.34 MAX 10.09 MIN -1.82



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261620081450701. Local Number C 384.

LOCATION.--Lat 26°16'20", long 81°45'05", in NW1/4NE1/4 sec.30, T.48 S., R.26 E., Hydrologic Unit 03090204, 30 ft south of State Road 846, 3.1 mi from U.S. Highway 41, and 10 mi northeast of courthouse in East Naples. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5.75 in., depth 57.7 ft, cased to 9.7 ft, open hole 9.7 to 57.7 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.38 ft above land-surface datum.

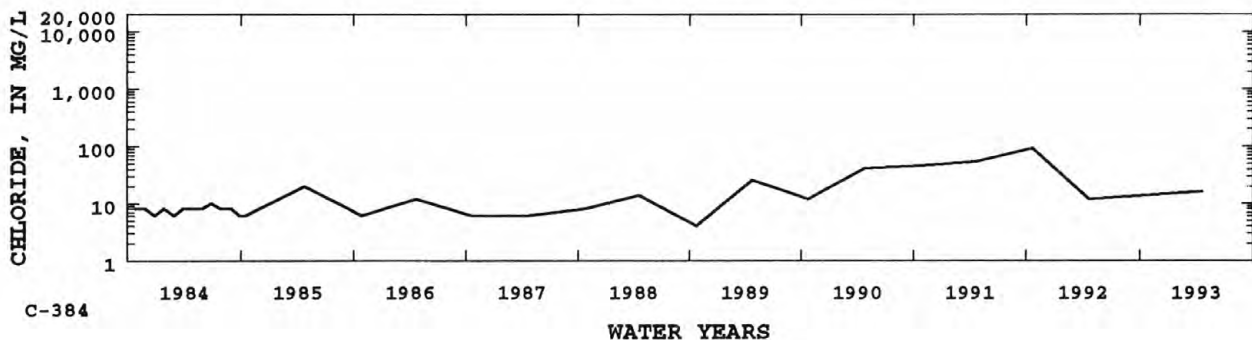
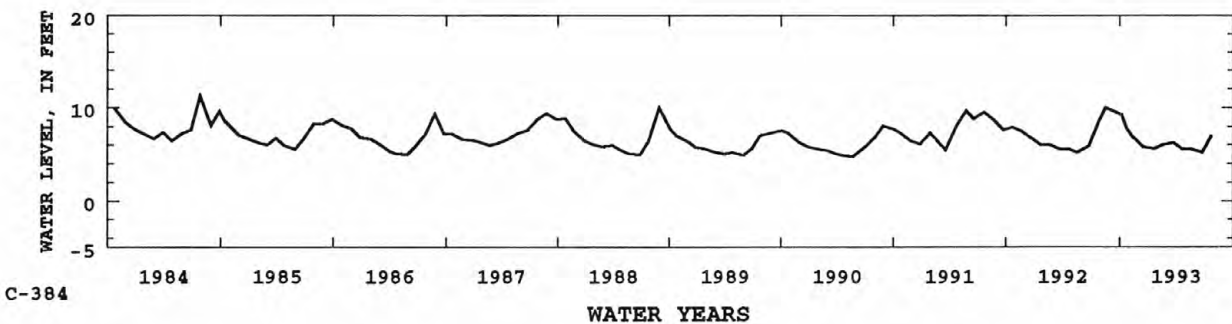
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--July 1963 to September 1984 (daily), October 1984 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 12.92 ft NGVD, Sept. 3, 1983; lowest measured, 4.80 ft NGVD, May 22, 1990.

261620081450701 - C - 384

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
07...	1315	--	--	9.21	22...	0805	--	--	6.21
21...	0940	659	14	7.86	APR				
NOV					20...	1430	436	16	5.55
10...	0845	--	--	6.91	MAY				
DEC					18...	0900	--	--	5.51
16...	0900	--	--	5.76	JUN				
JAN					23...	--	--	--	5.17
21...	0800	--	--	5.63	JUL				
FEB					22...	0850	--	--	6.97
16...	0855	--	--	6.00					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

237

WELL NUMBER.--261620081464401. Local Number C 1004.

LOCATION.--Lat 26°16'20", long 81°46'44", in SE1/4SW1/4 sec.23, T.48 S., R.25 E., Hydrologic Unit 03090204, 15 ft south of Palm River Boulevard, 15 ft north of Cocohatchee River, 150 ft north of County Road 846 and 7.8 mi north of Naples. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 60 ft, cased to 52 ft, open hole 52 to 60 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 9.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.60 ft above land-surface datum.

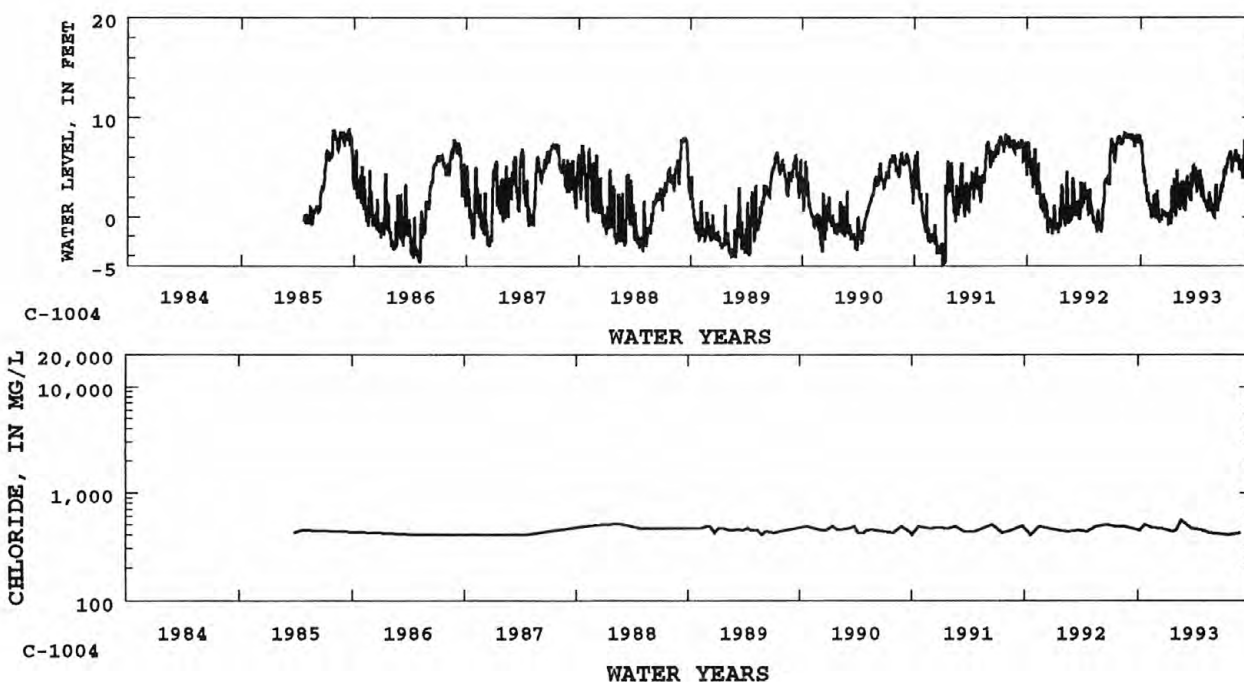
REMARKS.--Well also sampled for water quality. Replaces well C 353.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.76 ft NGVD, July 27, 1985; lowest, 4.91 ft below NGVD, Dec. 31, 1990.

STATION NUMBER 261620081464401 C -1004
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.28	-.09	.13	.41	1.03	2.61	4.62	.70	1.00	4.80	6.46	6.86
10	4.52	.82	.34	3.11	2.19	1.77	4.71	2.48	1.66	5.96	5.66	7.66
15	3.68	.55	.18	2.03	1.68	2.96	2.86	1.46	2.28	6.53	4.67	7.65
20	2.68	.41	.34	.89	1.05	4.35	2.62	.84	2.52	5.90	5.32	6.79
25	2.34	2.66	.23	3.36	2.18	4.72	1.59	.14	4.04	5.46	3.91	6.23
EOM	1.21	-.56	-.60	1.59	4.12	2.53	1.10	3.07	4.68	6.22	7.52	6.32
MEAN	3.88	.75	.10	1.78	2.14	3.34	2.84	1.23	2.73	5.62	5.61	7.10
MAX	7.78	2.66	.58	4.64	4.12	5.08	4.71	3.07	4.78	6.63	7.52	7.81
MIN	1.21	-.56	-.67	-.72	.62	1.59	1.10	-.05	.62	4.21	3.90	5.83
CAL YR 1992 MEAN 2.95 MAX 8.44 MIN -1.62												
WTR YR 1993 MEAN 3.10 MAX 7.81 MIN -.72												



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261621081412302. Local Number C 303.

LOCATION.--Lat 26°16'21", long 81°41'23", in NE1/4NE1/4 sec.27, T.48 S., R.26 E., Hydrologic Unit 03090204, 30 ft west and 15 ft south of the intersection of State Road 951 and State Road 846, 9 mi northeast of the new Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in., depth 300 ft, cased to 232 ft, open hole 232 to 300 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.46 ft above land-surface datum.

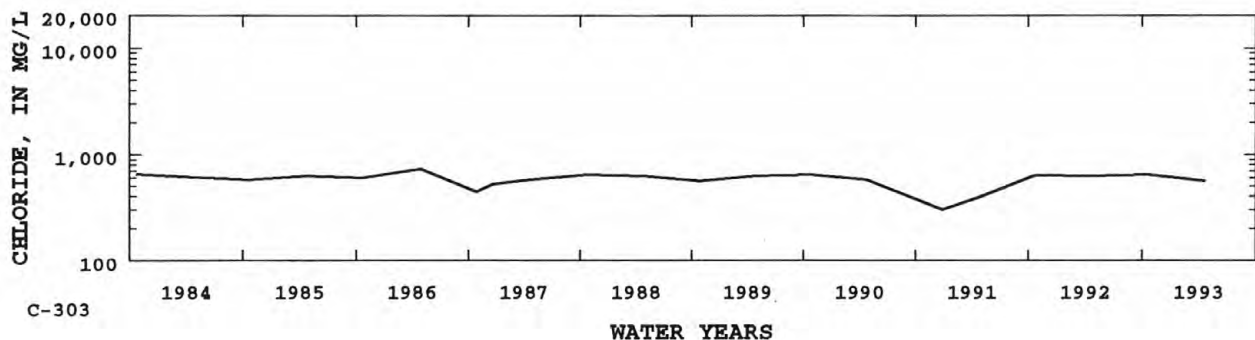
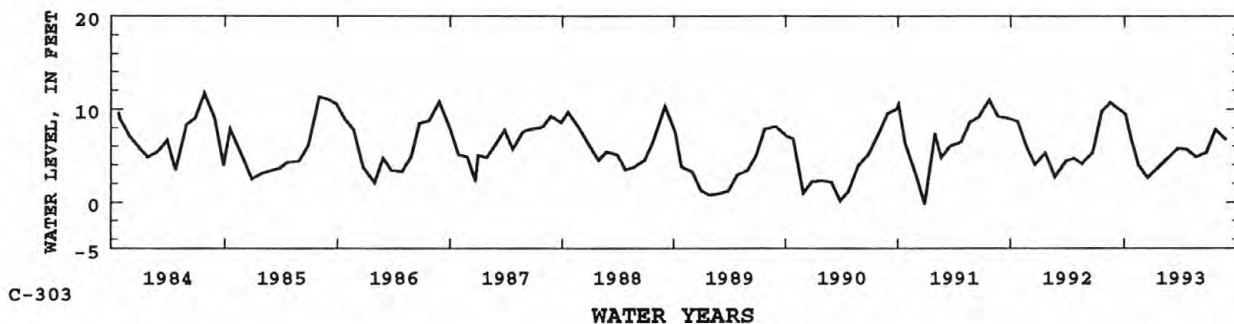
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1959 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.84 ft NGVD, Aug. 26, 1981; lowest measured, 0.21 ft below NGVD, Dec. 26, 1990.

261621081412302 - C - 303

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	1435	--	--	9.41	19...	0900	2140	560	5.67
19...	1405	2260	640	7.23	MAY				
NOV					20...	0940	--	--	4.88
16...	0840	--	--	3.92	JUN				
DEC					22...	0815	--	--	5.33
14...	0940	--	--	2.62	JUL				
JAN					21...	0900	--	--	7.77
19...	0740	--	--	3.74	AUG				
FEB					23...	0800	--	--	6.70
16...	0820	--	--	4.61					
MAR									
22...	0830	--	--	5.76					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

239

WELL NUMBER.--261630081360001. Local Number C 304.

LOCATION.--Lat 26°16'35", long 81°36'13", in NW1/4NE1/4 sec.27, T.48 S., R.27 E., Hydrologic Unit 03090204, 20 ft south of State Road 846, 0.25 mi west of Randall Blvd. and 12 mi northeast of the new Naples Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 130 ft, cased to 125 ft, open hole 125 to 130 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.59 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

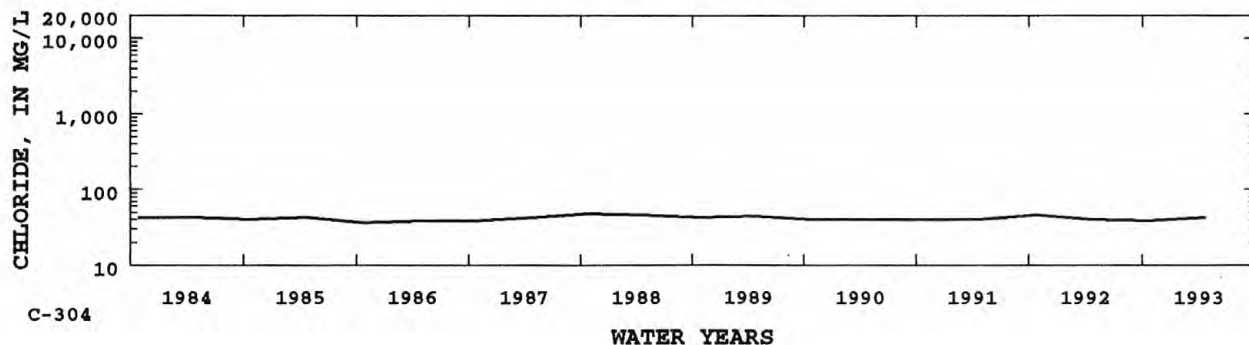
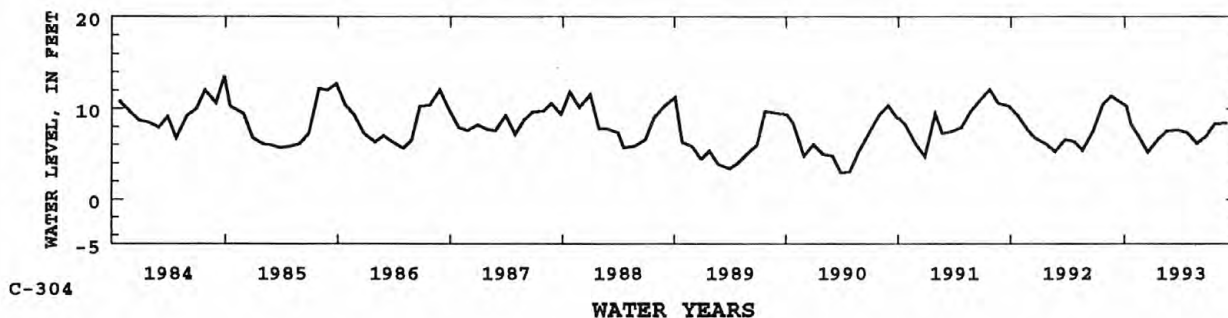
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1959 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.56 ft NGVD, Sept. 27, 1984; lowest measured, 2.94 ft NGVD, Mar. 29, 1990.

261630081360001 - C - 304

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
	AS CL)		AS CL)	(FEET)		AS CL)		AS CL)	(FEET)
OCT					APR				
07...	1420	--	--	10.25	20...	0800	623	42	7.32
22...	0830	647	38	8.21	MAY				
NOV					21...	0835	--	--	6.19
16...	1350	--	--	6.95	JUN				
DEC					21...	0840	--	--	6.99
14...	1420	--	--	5.21	JUL				
JAN					19...	0950	--	--	8.34
19...	1320	--	--	6.73	AUG				
FEB					26...	1020	--	--	8.40
16...	1345	--	--	7.57					
MAR									
22...	1400	--	--	7.60					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261721081351303. Local Number C 971.

LOCATION.--Lat 26°17'21", long 81°35'13", in SW1/4NW1/4 sec.25, T.48 S., R.26 E., Hydrologic Unit 03090204, 1,000 ft south of County Road 858, 0.5 mi east of County Road 846 and 16 mi northeast of Naples Post Office. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 150 ft, cased to 100 ft, open hole 100 to 150.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.00 ft above land-surface datum.

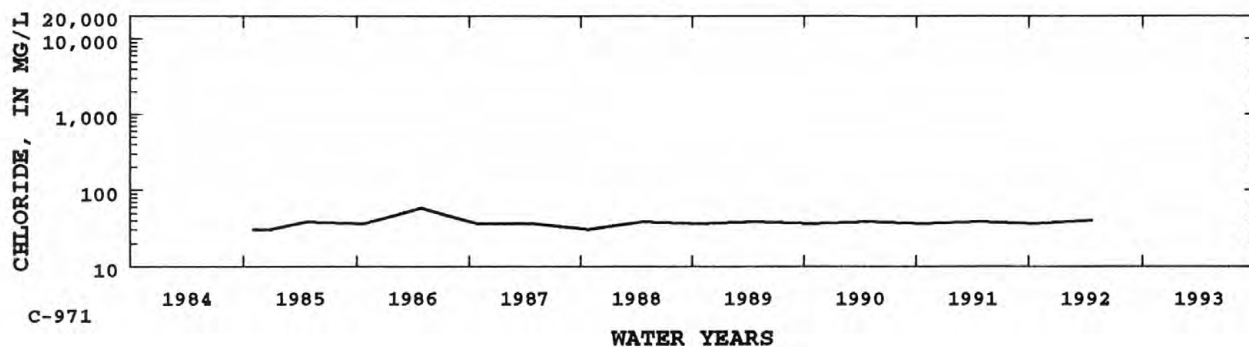
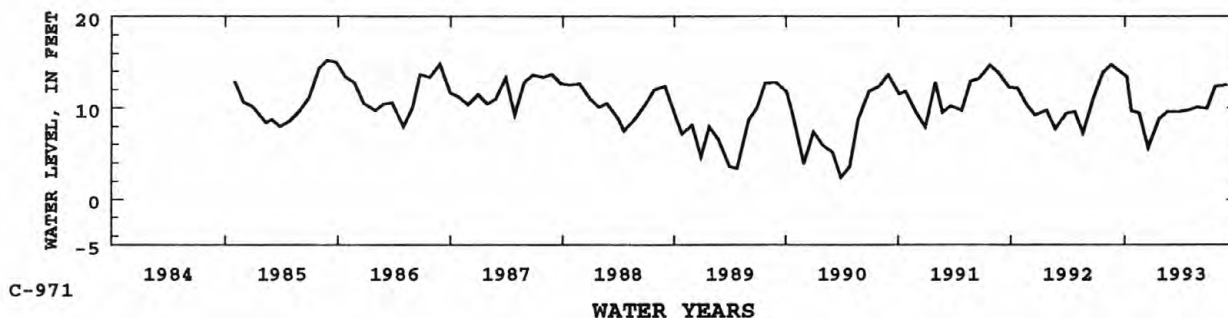
PERIOD OF RECORD.--October 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.76 ft NGVD, Aug. 26, 1986; lowest measured, 2.40 ft NGVD, Mar. 29, 1990.

261721081351303 - C - 971

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
07...	1425	13.38	20...	0830	9.69
22...	0845	9.62	MAY		
NOV			21...	0845	10.09
16...	1400	9.41	JUN		
DEC			22...	1035	9.94
14...	1425	5.58	JUL		
JAN			19...	1015	12.35
19...	1325	8.81	AUG		
FEB			25...	1030	12.48
16...	1350	9.54			
MAR					
22...	1415	9.58			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

241

WELL NUMBER.--261733081285501. Local Number C 984.

LOCATION.--Lat 26°17'36", long 81°28'55", in NE1/4NE1/4 sec.23, T.48 S., R.28 E., Hydrologic Unit 03090204, at southeast corner of Oil Well Road and County Road 858, 7 mi east of County Road 846 and 9.4 mi south of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 30 ft, open hole 30 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.20 ft above land-surface datum.

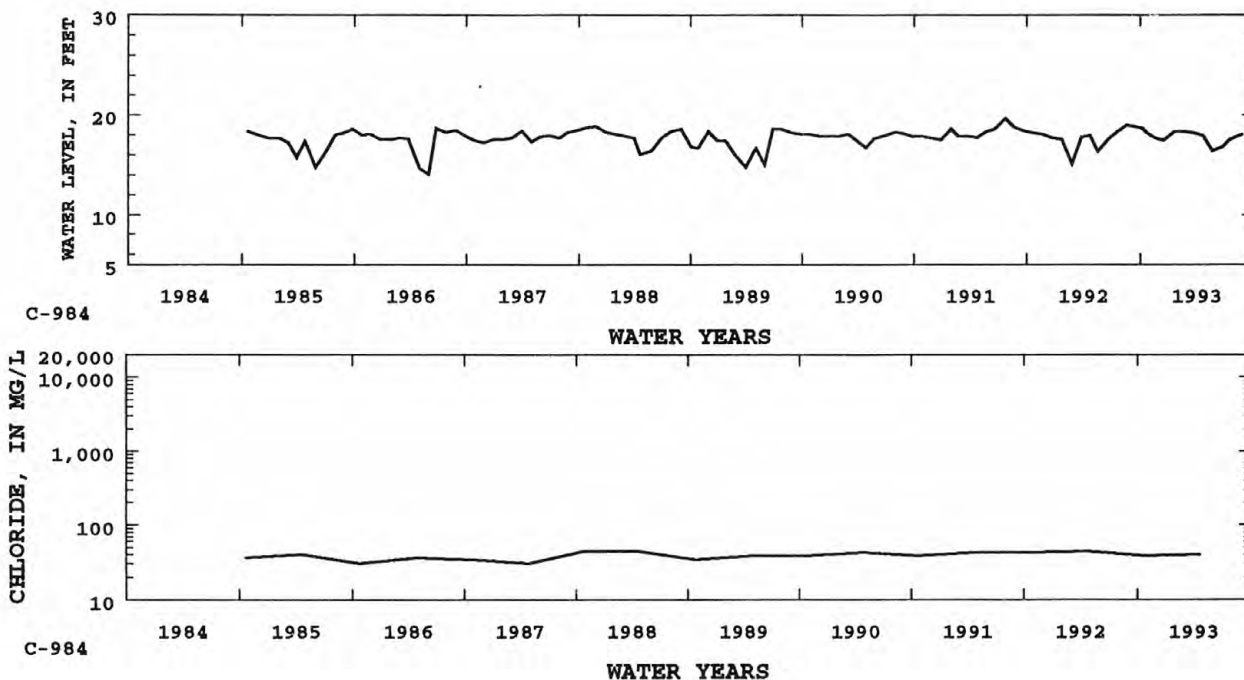
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.60 ft NGVD, July 23, 1991; lowest measured, 14.04 ft NGVD, May 28, 1986. (Corrected).

261733081285501 - C - 984

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
AS CL)	AS CL)	AS CL)	AS CL)	(FEET)	AS CL)	AS CL)	AS CL)	AS CL)	(FEET)
OCT					APR				
07...	1200	--	--	18.63	20...	1140	750	40	17.93
22...	1155	721	38	18.20	MAY				
NOV					21...	1140	--	--	16.42
18...	0955	--	--	17.69	JUN				
DEC					22...	1050	--	--	16.80
15...	1020	--	--	17.44	JUL				
JAN					19...	1235	--	--	17.55
20...	0920	--	--	18.31	AUG				
FEB					26...	1255	--	--	18.09
17...	0905	--	--	18.31					
MAR									
23...	0925	--	--	18.21					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261733081285502. Local Number C 989.

LOCATION.--Lat 26°17'36", long 81°28'55", in NE1/4NE1/4 sec.23, T.48 S., R.28 E., Hydrologic Unit 03090204, at southeast corner of Oil Well Road and County Road 858, 7 mi east of County Road 846 and 9.4 mi south of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 270 ft, cased to 240 ft, open hole 240 to 270 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 20.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 4.14 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

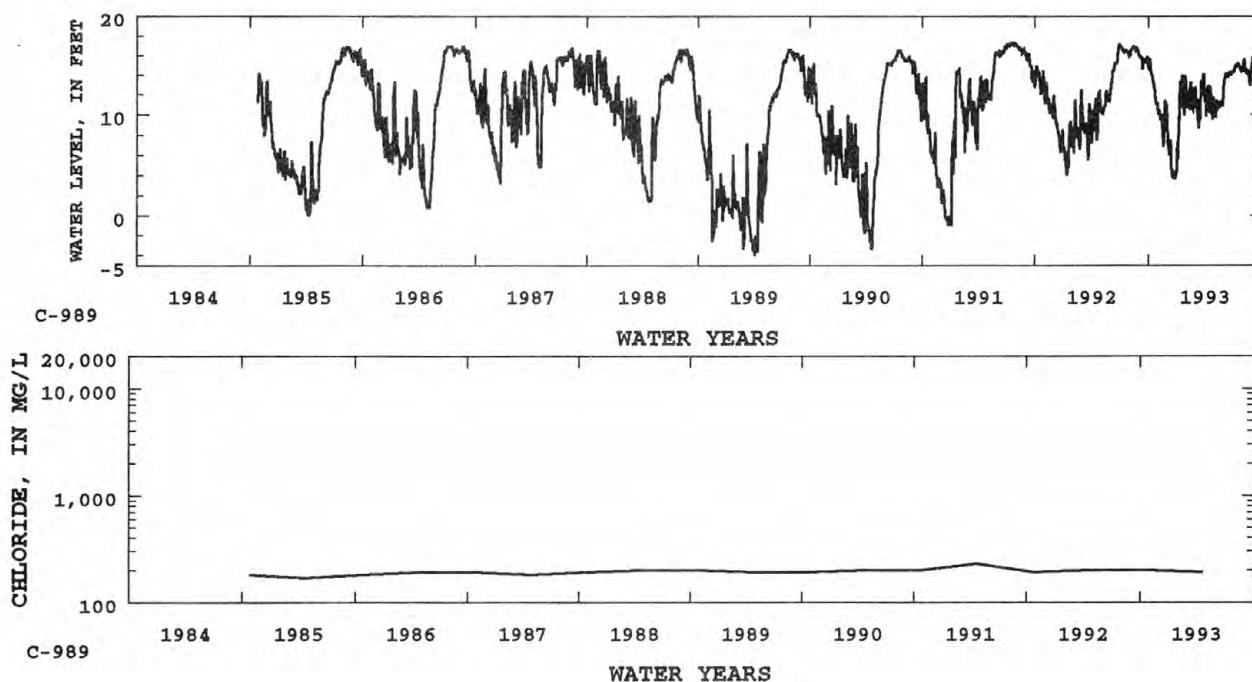
PERIOD OF RECORD.--October 1984 to current year. Well affected by nearby pumpage.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.30 ft NGVD, July 24, 1991; lowest, 3.96 ft below NGVD, Apr. 3, 1989.

STATION NUMBER 261733081285502 C - 989
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.71	10.33	6.42	6.48	10.69	11.46	11.69	11.04	14.02	14.59	15.28	15.39
10	14.15	9.72	7.00	12.80	10.71	9.00	12.94	11.31	13.90	14.98	14.17	16.34
15	13.44	8.51	4.19	13.07	12.90	9.51	10.17	10.97	14.05	15.04	14.53	16.05
20	12.58	7.40	3.84	10.79	10.53	12.73	11.03	11.15	14.21	14.82	13.66	15.19
25	11.10	10.79	3.97	11.75	11.43	13.69	9.58	10.97	14.15	14.63	13.87	---
EOM	10.64	9.75	4.44	12.15	12.81	11.27	10.58	13.20	14.34	14.58	15.74	---
MEAN	13.13	9.61	5.21	11.15	11.75	11.65	11.42	11.03	14.04	14.73	14.44	---
MAX	15.71	11.46	8.91	14.00	13.22	14.03	12.94	13.20	14.39	15.08	15.74	---
MIN	10.64	6.87	3.80	5.63	10.43	8.63	9.58	9.79	13.42	14.24	12.91	---

CAL YR 1992 MEAN 11.41 MAX 17.09 MIN 3.80



COLLIER COUNTY

WELL NUMBER.--261733081285503. Local Number C 985.

LOCATION.--Lat 26°17'36", long 81°28'55", in NE1/4NE1/4 sec.23, T.48 S., R.28 E., Hydrologic Unit 03090204, at southeast corner of Oil Well Road and County Road 858, 7 mi east of County Road 846 and 9.4 mi south of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiaki aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 160 ft, cased to 80 ft, open hole 80 to 160 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.58 ft above land-surface datum.

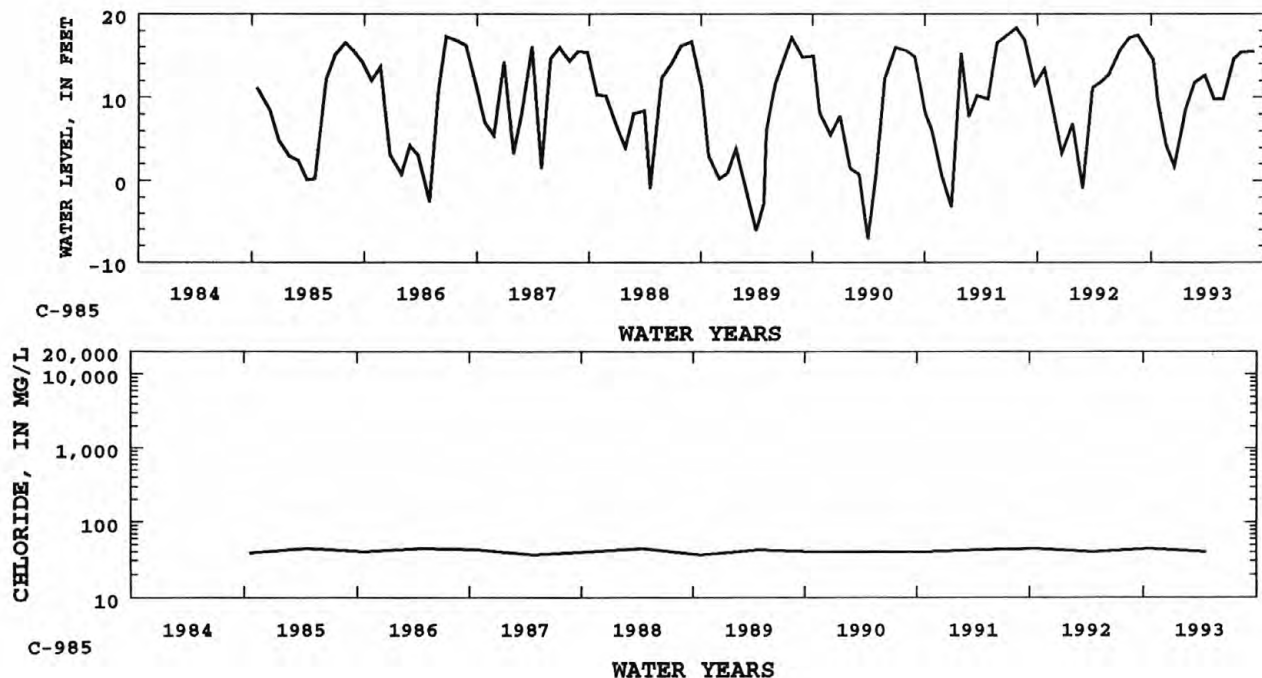
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.30 ft NGVD, July 23, 1991; lowest measured, 7.11 ft below NGVD, Mar. 29, 1990.

261733081285503 - C - 985

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1200	--	--	14.45	20...	1050	693	40	9.80
22...	1200	702	44	9.63	MAY				
NOV					21...	1235	--	--	9.81
18...	0955	--	--	4.28	JUN				
DEC					22...	1100	--	--	14.54
15...	1015	--	--	1.77	JUL				
JAN					19...	1235	--	--	15.38
20...	0920	--	--	8.50	AUG				
FEB					26...	1255	--	--	15.49
17...	0905	--	--	11.74					
MAR									
23...	0925	--	--	12.63					



COLLIER COUNTY

WELL NUMBER.--261740081235401. Local Number C 684.

LOCATION.--Lat 26°17'40", long 81°23'54", in NW1/4NW1/4 sec.23, T.48 S., R.29 E., Hydrologic Unit 03090204, 25 ft south of County Road 858, 3.4 mi west of State Road 29, and 4.0 mi northwest of Sunniland. Owner: U.S. Geological Survey.

AQUIFER.--Mid Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 490 ft, cased to 440 ft, open hole 440 to 490 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 18.80 ft above National Geodetic Vertical Datum of 1929. Prior to October 1982 land-surface datum was considered to be 17.46 ft above NGVD. Measuring point: Top of PVC casing, 3.57 ft above land-surface datum. See PERIOD OF RECORD.

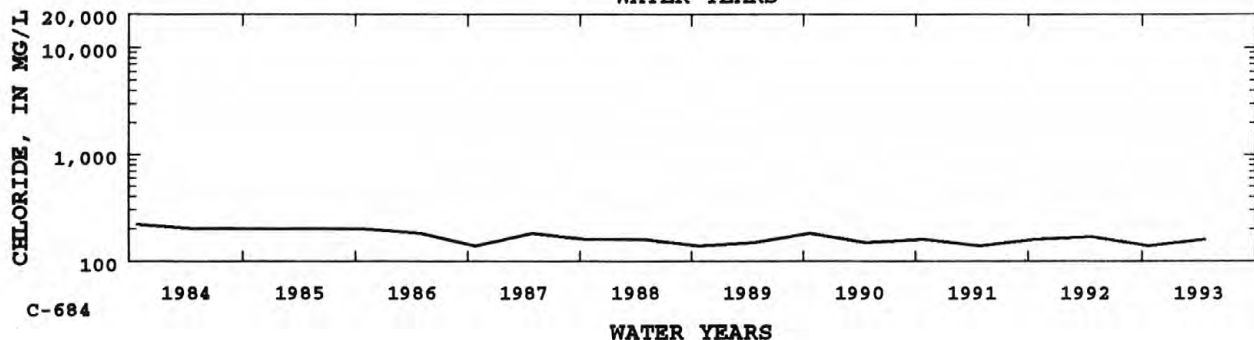
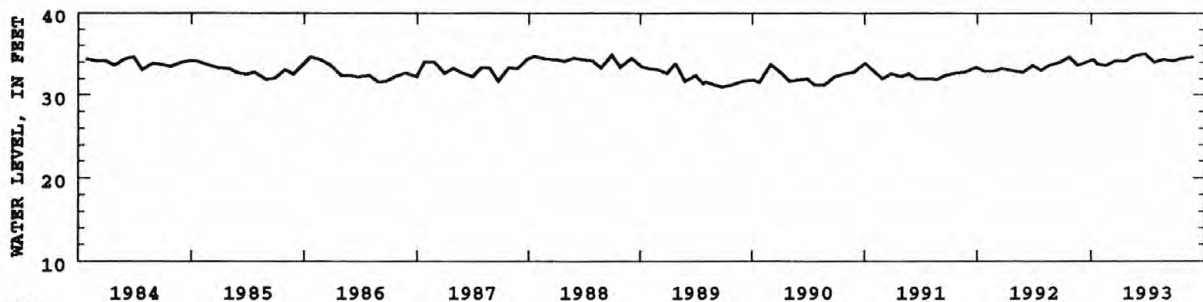
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--November 1980 to current year. The figures of water level as elevation, in feet NGVD, prior to October 1982 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 36.2 ft NGVD, Nov. 12, 1980; lowest measured, 31.0 ft NGVD, June 26, 1989.

261740081235401 - C - 684

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1120	--	--	34.30	23...	1145	3200	160	34.00
21...	1650	3240	140	33.80	MAY				
NOV					20...	1215	--	--	34.30
17...	1350	--	--	33.60	JUN				
DEC					21...	1250	--	--	34.20
16...	1230	--	--	34.20	JUL				
JAN					20...	1305	--	--	34.50
20...	1030	--	--	34.20	AUG				
FEB					24...	1300	--	--	34.60
17...	1015	--	--	34.80					
MAR									
23...	1245	--	--	35.00					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

245

WELL NUMBER.--261740081235402. Local Number C 689.

LOCATION.--Lat 26°17'40", long 81°23'54", in NW1/4NW1/4 sec.23, T. 48 S., R.29 E., Hydrologic Unit 03090204, 25 ft south of County Road 858, 3.4 mi west of State Road 29, and 4.5 mi northwest of Sunniland. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 265 ft, cased to 230 ft, open hole 230 to 265 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.57 ft above land-surface datum.

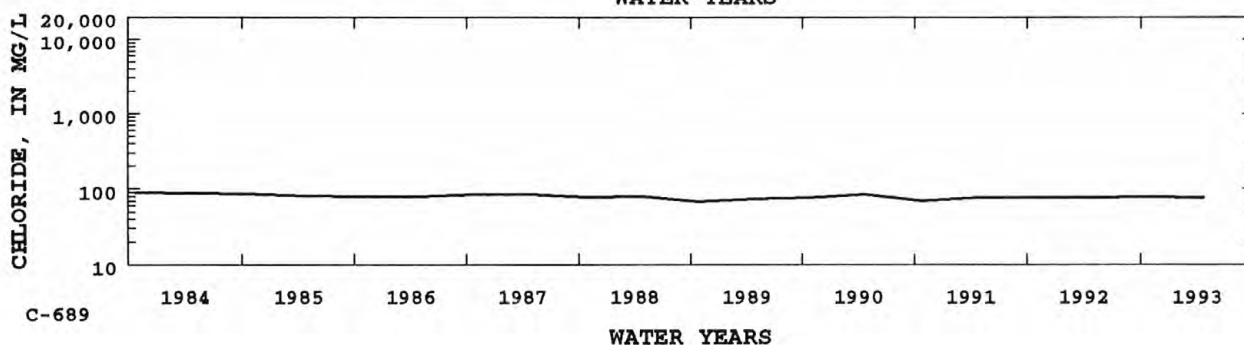
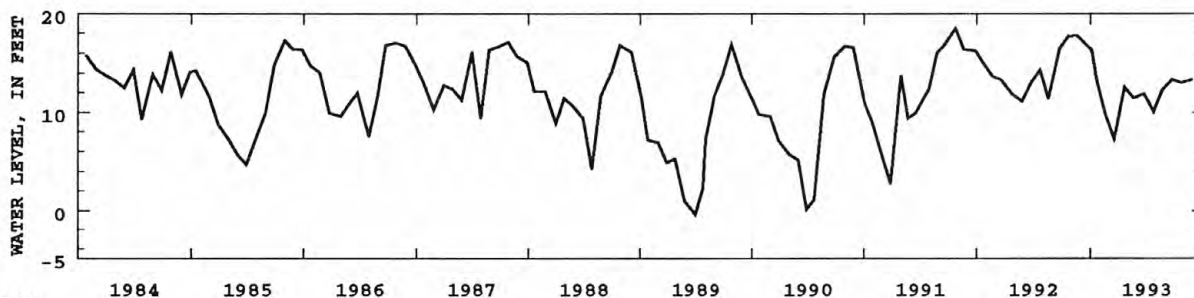
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1981 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.83 ft NGVD, Aug. 29, 1983; lowest measured, 0.38 ft below NGVD, Mar. 30, 1989.

261740081235402 - C - 689

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	1530	--	--	16.33	23...	1150	729	76	10.08
21...	1655	738	78	13.21	MAY				
NOV					20...	1220	--	--	12.20
17...	1355	--	--	9.84	JUN				
DEC					21...	1255	--	--	13.29
16...	1235	--	--	7.21	JUL				
JAN					20...	1310	--	--	12.98
20...	1025	--	--	12.54	AUG				
FEB					24...	1305	--	--	13.31
17...	1010	--	--	11.41					
MAR									
23...	1250	--	--	11.86					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261740081235403. Local Number C 1073.

LOCATION.--Lat 26°17'40", long 81°23'54", in NW1/4NW1/4 sec.23, T.48 S., R.29 E., Hydrologic Unit 03090204, 20 ft south of County Road 858, 3.4 mi west of State Road 29, 4.0 mi northwest of Sunniland.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM. (Corrected).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 160 ft, cased to 100 ft, 60 ft of 0.020 slot screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.68 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

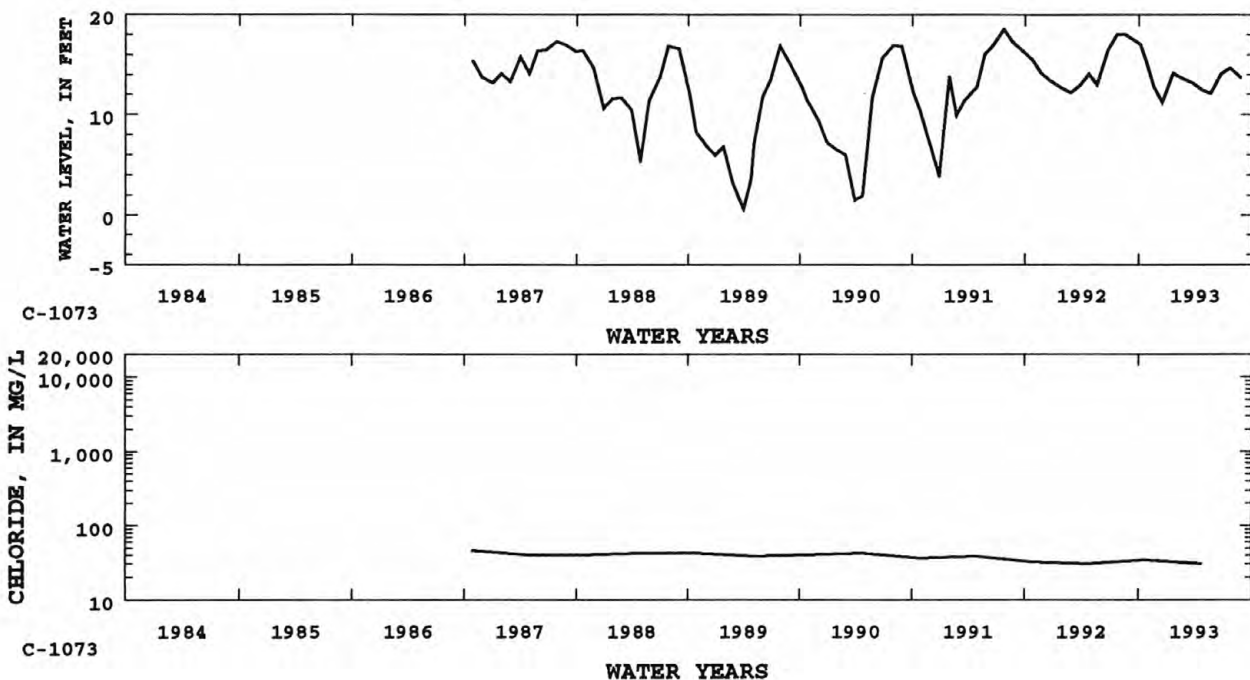
PERIOD OF RECORD.--October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.51 ft NGVD, July 23, 1991; lowest measured, 0.55 ft NGVD, Mar. 30, 1989.

261740081235403 - C -1073

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1530	--	--	17.04	23...	1155	597	30	12.43
21...	1700	554	34	15.53	MAY				
NOV					20...	1220	--	--	12.09
17...	1400	--	--	12.77	JUN				
DEC					21...	1255	--	--	14.04
16...	1235	--	--	11.20	JUL				
JAN					20...	1310	--	--	14.64
20...	1025	--	--	14.11	AUG				
FEB					24...	1305	--	--	13.63
17...	1015	--	--	13.60					
MAR									
23...	1250	--	--	13.12					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

247

WELL NUMBER.--261741081235401. Local Number C 503.

LOCATION.--Lat 26°17'41", long 81°23'54", in NW1/4NW1/4 sec.23, T.48 S., R.29 E., Hydrologic Unit 03090204, 25 ft south of County Road 858, 3.4 mi west of State Road 29 and 4.0 mi northwest of Sunniland. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20.4 ft, cased to 8 ft, open hole 8 to 20.4 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.80 ft above National Geodetic Vertical Datum of 1929. Between October 1979 and September 1982, land-surface datum was considered to be 17.47 ft above NGVD. Measuring point: Top of flange, 3.50 ft above land-surface datum. See PERIOD OF RECORD.

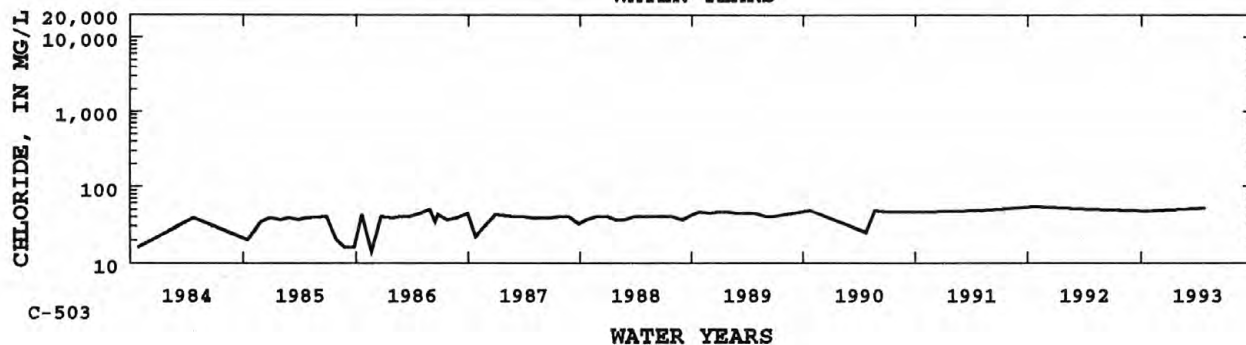
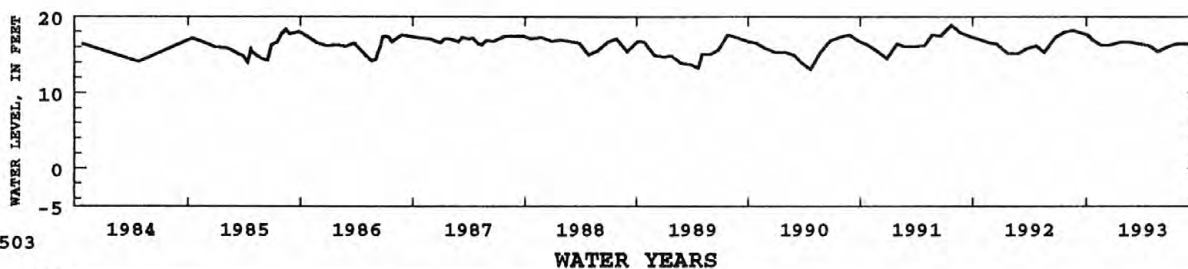
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1972 to September 1984 (daily), October 1984 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water level as elevation, in feet NGVD, between October 1979 and September 1982 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.21 ft NGVD, present datum, Aug. 25, 1981; lowest, 12.95 ft NGVD, May 2, 1976.

261741081235401 - C - 503

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS	CL)	(FEET)			AS	CL)	(FEET)		
OCT					APR				
06...	1525	--	--	17.59	23...	1140	631	52	16.19
21...	1645	620	47	16.97	MAY				
NOV					20...	1215	--	--	15.44
17...	1350	--	--	16.29	JUN				
DEC					21...	1250	--	--	16.15
16...	1230	--	--	16.23	JUL				
JAN					20...	1305	--	--	16.46
20...	1025	--	--	16.70	AUG				
FEB					24...	1300	--	--	16.46
17...	1010	--	--	16.69					
MAR									
23...	1245	--	--	16.46					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261802081354801: Local Number C 688.

LOCATION.--Lat 26°18'02", long 81°35'48", in SE1/4NE1/4 sec.15, T.48 S., R.27 E., Hydrologic Unit 03090204, 50 ft south and 200 ft west of the intersection of the third paved road north of the intersection of County Road 858 and County Road 846, 14 mi southwest of the Immokalee Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 242 ft, cased to 220 ft, open hole 220 to 242 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.75 ft above land-surface datum.

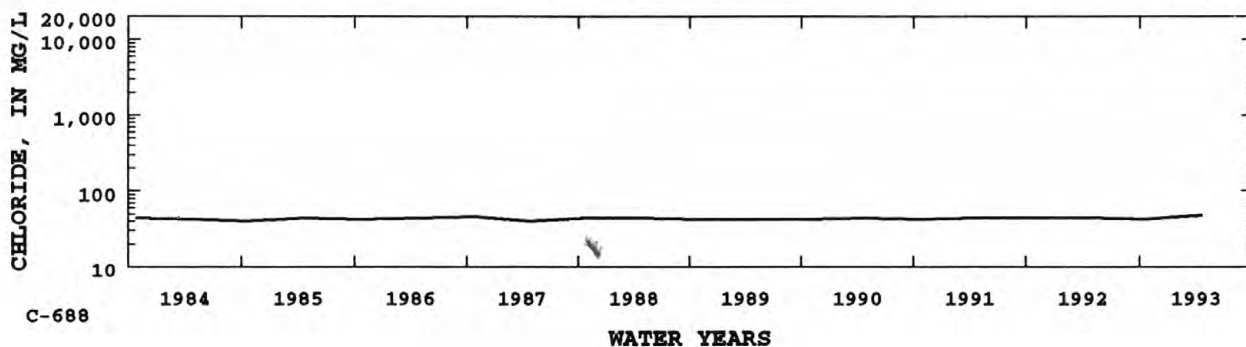
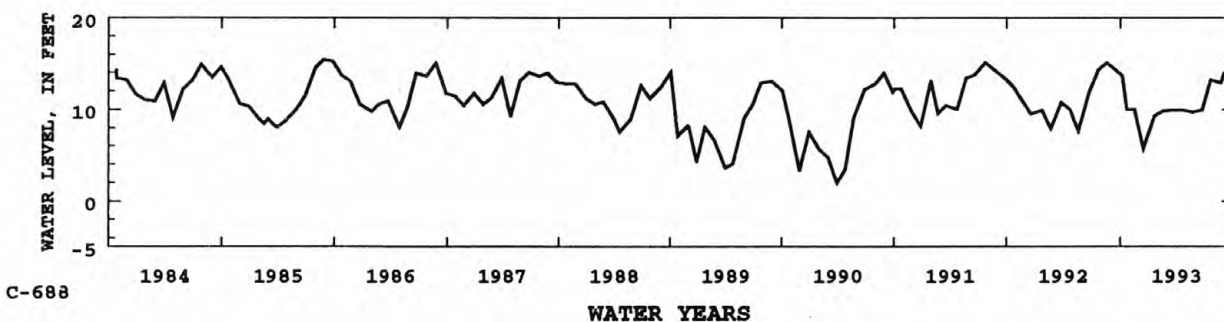
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1981 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.81 ft NGVD, June 29, 1982; lowest measured, 1.95 ft NGVD, Mar. 29, 1990.

261802081354801 - C - 688

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	AS CL)	NGVD	(FEET)	(US/CM)	(MG/L	AS CL)	NGVD	(FEET)
OCT					APR				
07...	1430	--	--	13.71	20...	0840	708	48	9.93
22...	0900	704	42	10.02	MAY				
NOV					21...	0850	--	--	9.70
16...	1410	--	--	10.00	JUN				
DEC					21...	0850	--	--	9.90
14...	1645	--	--	5.71	JUL				
JAN					19...	1020	--	--	13.21
19...	1330	--	--	9.27	AUG				
FEB					20...	1030	--	--	12.84
16...	1410	--	--	9.83	SEP				
MAR					01...	1310	--	--	14.03
22...	1430	--	--	9.95					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

249

WELL NUMBER.--261805081473301. Local Number C 1082.

LOCATION.--Lat 26°18'19", long 81°47'32", in NW1/4SE1/4 sec.10, T.48 S., R.25 E., Hydrologic Unit 03090204, 10 ft north of Sun Century Road, 0.3 mi east of Old US 41 and 2.5 mi south of Bonita Springs. Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20 ft, cased to 10 ft, 10 ft of 0.020 slot screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

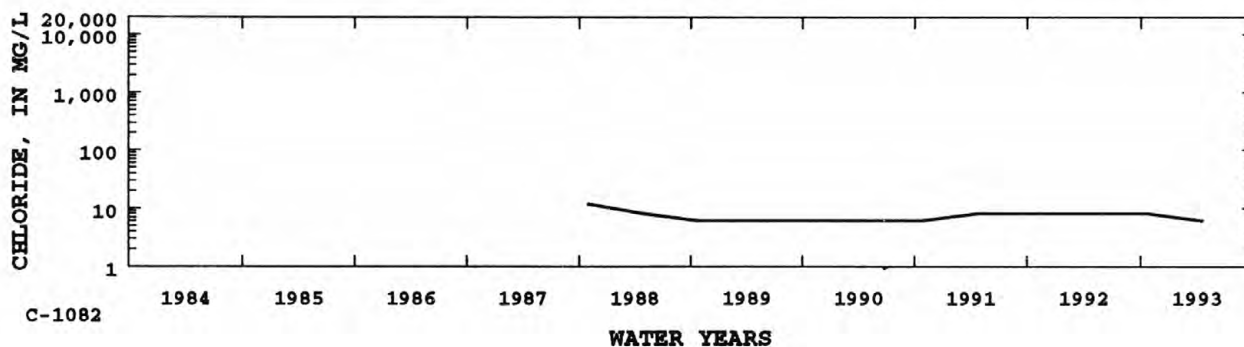
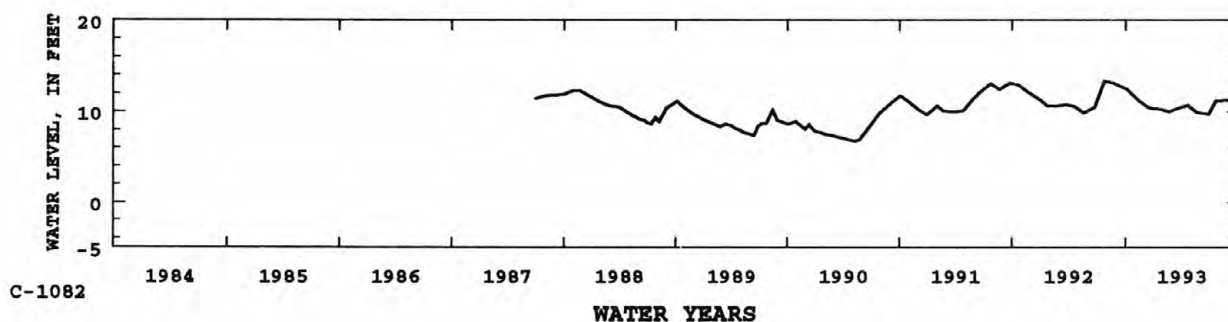
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.35 ft NGVD, July 24, 1992; lowest measured, 6.73 ft NGVD, May 7, 1990.

261805081473301 - C -1082

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993								
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-
		SOLVED	(MG/L	NGVD			SOLVED	(MG/L
(US/CM)	AS CL)	(FEET)	(US/CM)	AS CL)	(FEET)	(US/CM)	AS CL)	(FEET)
OCT								
07...	1015	--	--	12.44	APR			
22...	0800	150	8.0	11.89	19...	0910	149	6.0
NOV								
18...	1245	--	--	11.06	MAY			
DEC					18...	1020	--	--
14...	1245	--	--	10.44	JUN			
JAN					26...	1140	--	--
21...	1330	--	--	10.25	JUL			
FEB					19...	1400	--	--
18...	0840	--	--	9.97	AUG			
MAR					27...	1420	--	--
23...	1110	--	--	10.41				



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261805081473302. Local Number C 1083.

LOCATION.--Lat 26°18'19", long 81°47'32", in NW1/4SE1/4 sec.10, T.48 S., R.25 E., Hydrologic Unit 03090204, 10 ft north of Sun Century Road, 0.3 mi east of Old US 41 and 2.5 mi south of Bonita Springs. Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM. (Corrected).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 74 ft, cased to 58 ft, 16 ft of open hole.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 13.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 1.98 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

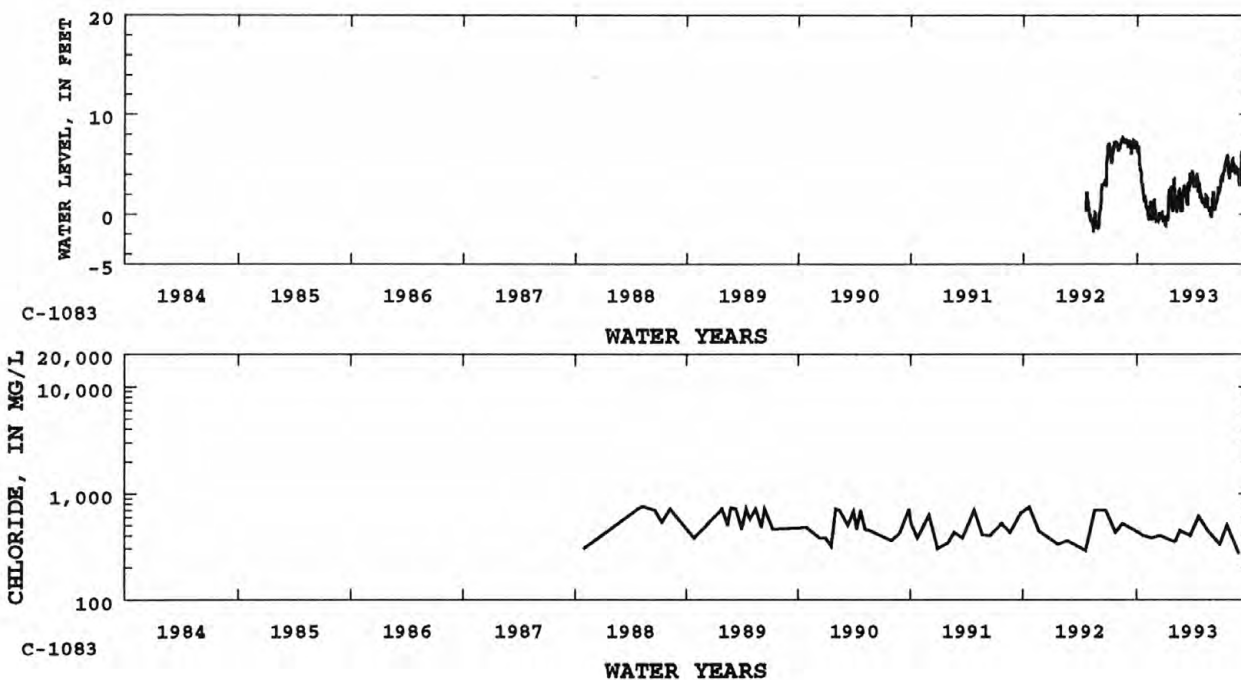
PERIOD OF RECORD.--June 1987 to March 1991 (intermittent), April 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.54 ft NGVD, Aug. 14-15, 1992; lowest measured, 4.27 ft below NGVD, Apr. 13, 1989.

STATION NUMBER 261805081473302 C -1083
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.72	-.36	-.46	-.40	.64	2.07	3.45	.89	1.24	4.02	5.29	5.66
10	4.46	-.34	-.53	2.43	1.17	1.04	4.03	1.85	.80	4.95	4.06	5.91
15	2.97	.28	-.45	1.82	1.41	2.57	2.22	1.58	1.49	5.77	4.13	5.70
20	2.02	-.25	-.25	1.02	.71	4.05	2.37	.32	1.93	4.88	4.27	5.21
25	1.64	1.50	-.30	1.88	1.82	3.84	1.47	-.12	3.09	4.03	2.96	4.19
EOM	.77	-.61	-1.13	1.30	2.90	2.70	1.31	1.93	3.70	4.68	5.84	4.26
MEAN	3.37	.17	-.48	1.29	1.30	2.73	2.58	.88	2.01	4.61	4.35	5.39
MAX	6.74	1.50	.08	3.48	2.90	4.35	4.03	1.93	3.80	5.96	5.84	6.34
MIN	.66	-.61	-1.13	-.69	.20	.91	1.27	-.34	.35	3.31	2.85	4.19

WTR YR 1993 MEAN 2.36 MAX 6.74 MIN -1.13



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

251

WELL NUMBER.--261823081171901. Local Number C 1071.

LOCATION.--Lat 26°18'14", long 81°17'37", in SW1/4NE1/4 sec.14, T.48 S., R.30 E., Hydrologic Unit 03090204, 25 ft south of State Road 840, 3.2 mi east of State Road 29 on State Road 840, 11.0 mi southeast of Immokalee.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 35 ft, cased to 20 ft, 15 ft of 0.020 screen.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 19.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf 3.69 ft above land-surface datum.

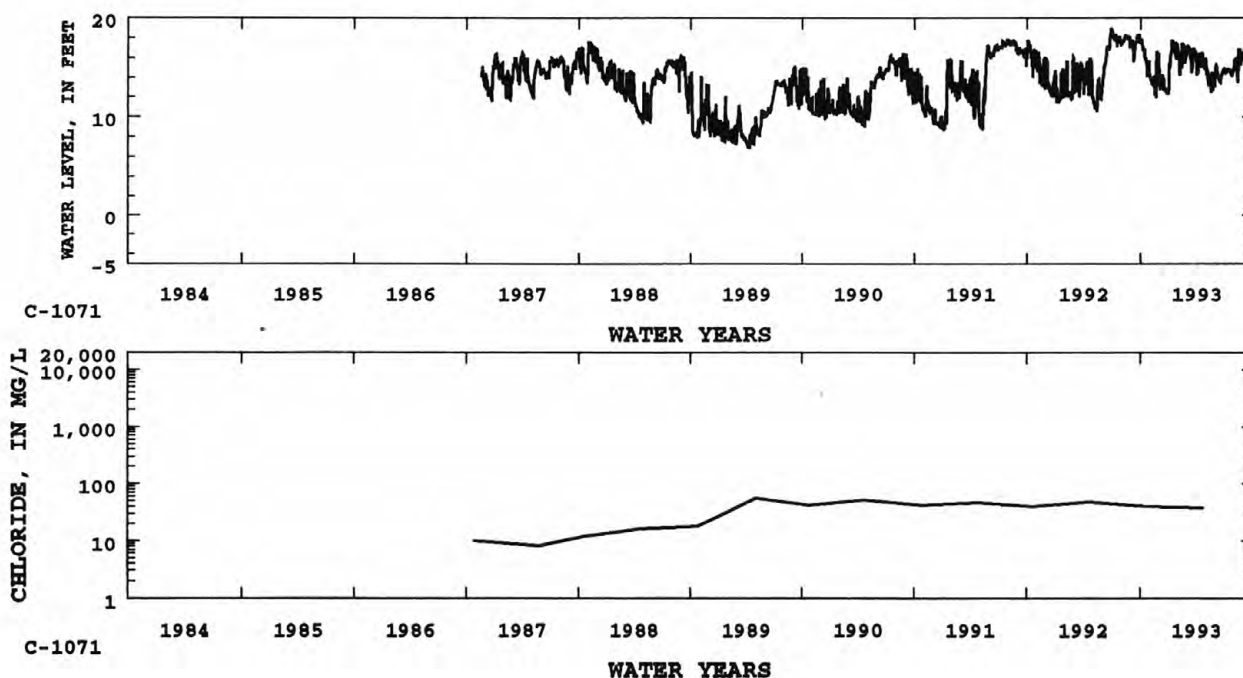
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.96 ft NGVD, June 30, 1992; lowest, 6.83 ft NGVD, Apr. 12, 1989.

STATION NUMBER 261823081171901 C -1071
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.65	13.61	13.21	16.08	14.22	16.98	16.39	14.39	14.10	14.51	15.51	16.72
10	16.74	13.51	14.22	17.66	15.13	15.95	16.41	14.12	13.83	14.82	13.59	17.49
15	15.99	12.81	12.82	16.91	16.93	14.51	15.85	12.63	13.53	14.76	16.79	17.59
20	15.54	15.43	12.68	16.58	15.51	16.75	15.46	13.33	14.21	14.17	15.28	16.70
25	14.22	16.08	12.55	16.94	16.10	16.56	14.79	13.27	14.68	14.61	16.16	17.40
EOM	14.10	13.68	12.88	16.45	17.11	14.26	14.72	15.12	14.52	15.73	16.79	17.96
MEAN	15.96	14.31	12.90	16.65	16.07	16.29	15.62	13.78	14.26	14.65	15.77	17.43
MAX	17.87	16.63	14.22	17.66	17.36	17.01	16.53	15.12	15.14	15.73	16.79	17.99
MIN	14.10	11.95	12.36	15.02	14.22	14.26	14.45	12.49	13.52	14.11	13.49	16.70
CAL YR 1992	MEAN 14.91	MAX 18.96	MIN 10.53									
WTR YR 1993	MEAN 15.30	MAX 17.99	MIN 11.95									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261823081171902. Local Number C 1072.

LOCATION.--Lat 26°18'14", Long 81°17'37", in SW1/4NE1/4 sec.14, T.48 S., R.30 E., Hydrologic Unit 03090204, 25 ft south of State Road 840, 3.2 mi east of State Road 29 on State Road 840, 11.0 mi southeast of Immokalee.
Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 260 ft, cased to 140 ft, screened from 140 ft to 220 ft with 0.020 screen.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 19.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.74 ft above land-surface datum.

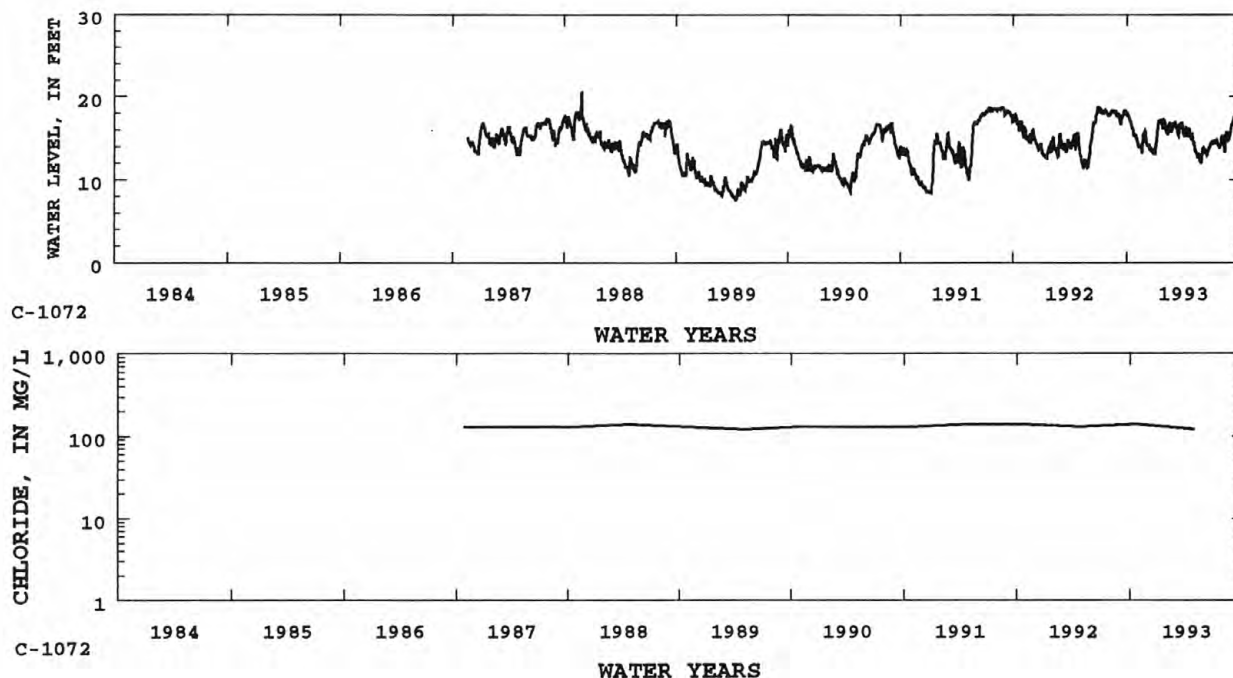
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.41 ft NGVD, Nov. 27, 1987; lowest, 7.46 ft NGVD, Apr. 13, 1989.

STATION NUMBER 261823081171902 C -1072
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.83	14.42	14.17	14.92	15.66	16.79	15.49	14.21	13.53	14.35	15.20	16.62
10	17.24	13.85	14.23	16.86	15.63	16.26	16.14	13.44	13.41	14.62	13.80	17.41
15	16.63	14.07	13.78	17.10	16.78	15.43	15.16	12.92	13.06	14.67	15.36	17.67
20	16.06	13.26	13.47	17.00	15.87	16.49	15.89	12.98	13.57	---	15.40	17.33
25	15.34	15.56	13.28	16.41	16.33	16.64	14.96	12.14	14.05	13.85	14.91	17.67
EOM	15.12	15.63	13.15	16.82	16.71	15.58	15.04	13.34	14.41	14.85	16.13	17.90
MEAN	16.52	14.50	13.76	16.39	16.15	16.33	15.54	13.15	13.63	---	15.02	17.31
MAX	17.88	15.87	15.10	17.24	16.78	16.79	16.14	14.79	14.43	---	16.13	17.90
MIN	15.12	13.24	13.11	13.71	15.46	15.33	14.91	12.12	12.96	---	13.35	16.25
CAL YR 1992	MEAN 15.25	MAX 18.71	MIN 11.35									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

253

WELL NUMBER.--262121081355501. Local Number C 978.

LOCATION.--Lat 26°21'21", long 81°35'59", in NW1/4SE1/4 sec.27, T.47 S., R.27 E., Hydrologic Unit 03090204, 300 ft south of C 3 Avenue South, 0.25 mi west of County Road 846 and 12 mi southwest of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation water-table well, diameter 6 in., depth 40 ft, cased to 15 ft, open hole 15 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.06 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.80 ft above land-surface datum.

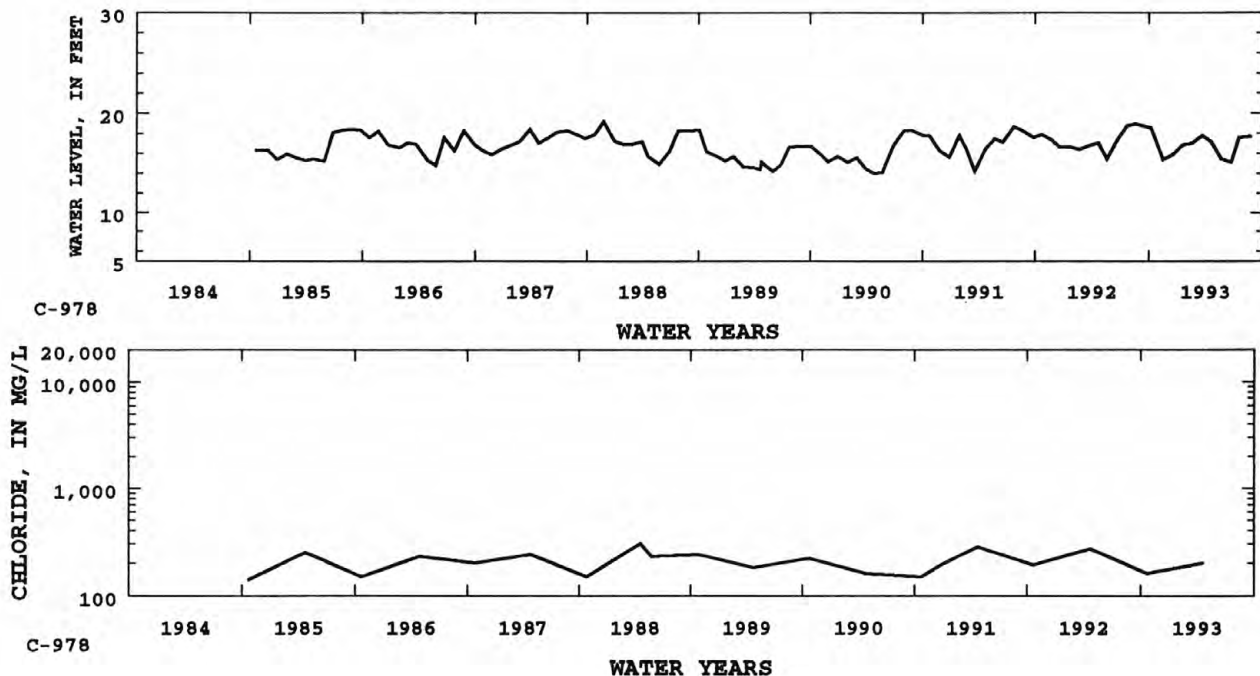
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.18 ft NGVD, Nov. 25, 1987; lowest measured, 14.04 ft NGVD, May 24, 1990.

262121081355501 - C - 978

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1445	--	--	18.50	20...	0905	1230	200	17.12
22...	0920	1060	160	17.46	MAY				
NOV					21...	0925	--	--	15.42
16...	1415	--	--	15.35	JUN				
DEC					22...	1020	--	--	15.11
15...	0830	--	--	15.80	JUL				
JAN					19...	1035	--	--	17.56
19...	1340	--	--	16.82	AUG				
FEB					26...	1050	--	--	17.68
17...	0750	--	--	16.98					
MAR									
22...	1445	--	--	17.74					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262121081355502. Local Number C 963.

LOCATION.--Lat 26°21'21", long 81°35'59", in SE1/4SW1/4 sec.27, T.47 S., R.27 E., Hydrologic Unit 03090204, 300 ft south of C 3 Avenue South, 0.25 mi west of County Road 846 and 12 mi southwest of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 340 ft, cased to 310 ft, open hole 310 to 340 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape.

DATUM.--Land-surface datum is 19.06 ft above National Geodetic Vertical Datum of 1929. Prior to October 1992 land-surface datum was considered to be 5.90 ft NGVD. Measuring point: Top of 2 in. gate valve, 1.91 ft above land-surface datum. See PERIOD OF RECORD.

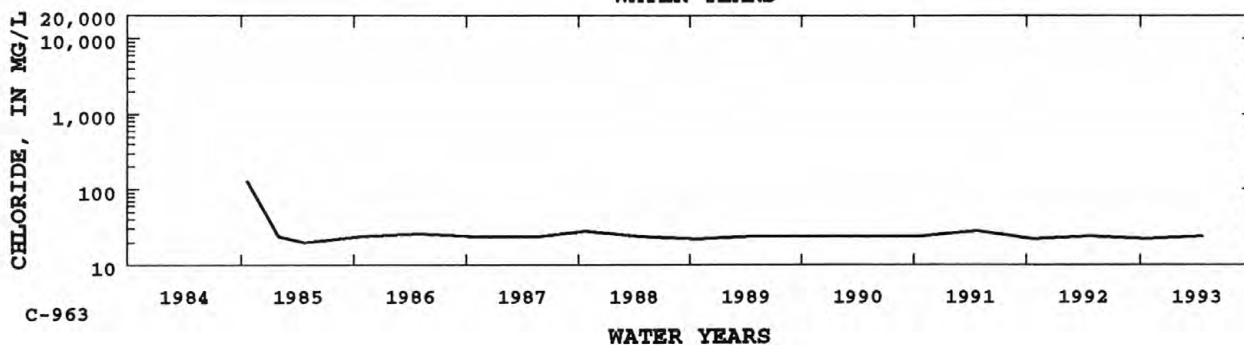
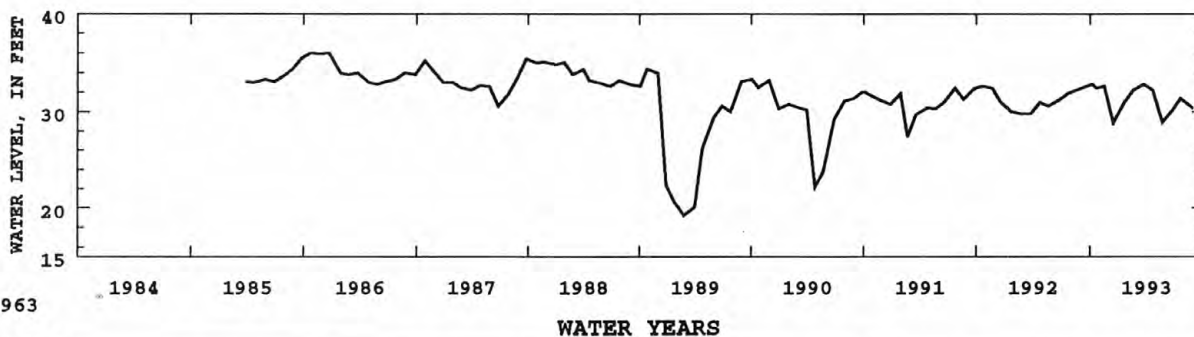
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1984 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1992 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.01 ft NGVD, Oct. 23, Dec. 23, 1985; lowest measured, 15.28 ft NGVD, Feb. 22, 1989. (Corrected).

262121081355502 - C - 963

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1445	--	--	28.80	20...	0910	409	24	28.20
22...	0925	408	22	28.40	MAY				
NOV					21...	0925	--	--	24.90
16...	1420	--	--	28.60	JUN				
DEC					22...	1025	--	--	26.20
15...	0835	--	--	24.80	JUL				
JAN					19...	1040	--	--	27.40
19...	1345	--	--	27.00	AUG				
FEB					26...	1045	--	--	26.40
17...	0755	--	--	28.20					
MAR									
22...	1445	--	--	28.80					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

255

WELL NUMBER.--262121081355503. Local Number C 979.

LOCATION.--Lat 26°21'21", long 81°35'59", in NW1/4SE1/4 sec.27, T.47 S., R.27 E., Hydrologic Unit 03090204, 300 ft south of C 3 Avenue South, 0.25 mi west of County Road 846 and 12 mi southwest of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.06 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.24 ft above land-surface datum.

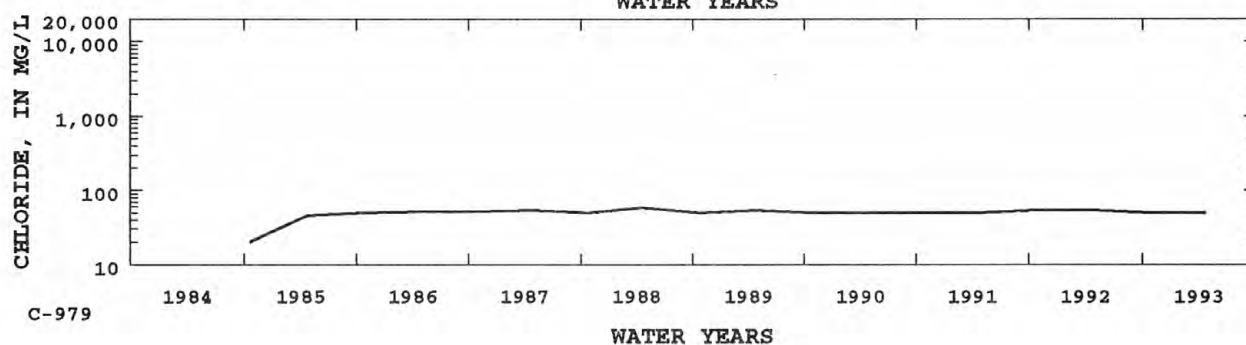
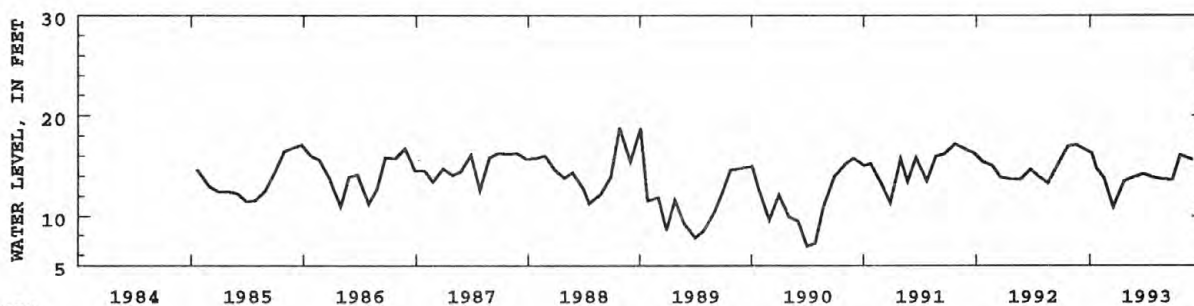
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.79 ft NGVD, July 26, 1988; lowest measured, 6.93 ft NGVD, Mar. 29, 1990.

262121081355503 - C - 979

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1440	--	--	16.25	20...	0900	692	50	13.84
22...	0915	682	50	14.80	MAY				
NOV					21...	0930	--	--	13.65
16...	1415	--	--	13.75	JUN				
DEC					22...	1015	--	--	13.60
15...	0830	--	--	10.90	JUL				
JAN					19...	1030	--	--	16.10
19...	1340	--	--	13.47	AUG				
FEB					26...	1045	--	--	15.58
17...	0750	--	--	13.85					
MAR									
22...	1445	--	--	14.22					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262136081204201. Local Number C 966.

LOCATION.--Lat 26°21'37", long 81°20'43", in NE1/4SW1/4 sec.29, T.47 S., R.30 E., Hydrologic Unit 03090204, 150 ft north of Motorola Road, 200 ft west of State Road 29, 5.7 mi south of State Road 29A and 6.5 mi south of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 30 ft, open hole 30 to 40 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.59 ft above land-surface datum.

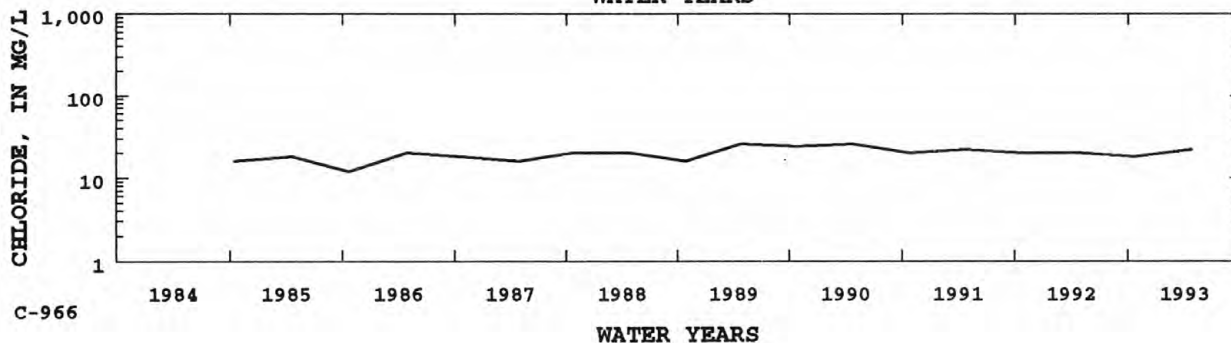
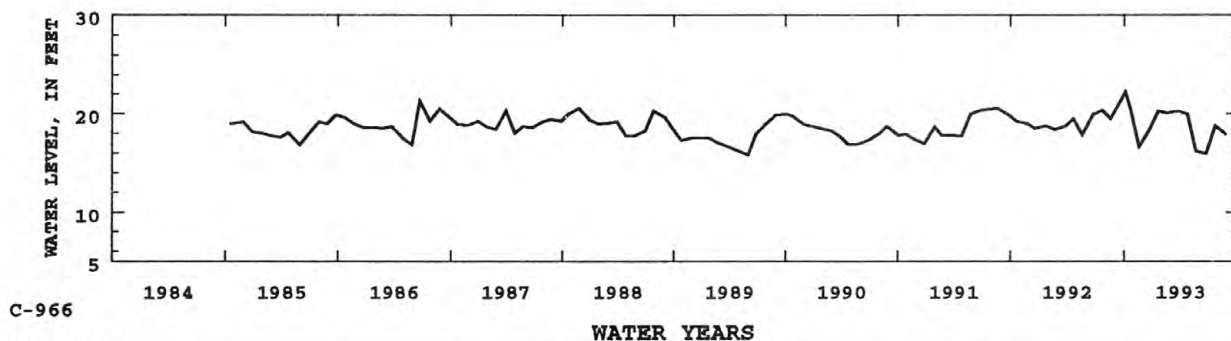
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.24 ft NGVD, Oct. 6, 1992; lowest measured, 15.84 ft NGVD, May 31, 1989.

262136081204201 - C - 966

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1545	--	--	22.24	23...	1250	536	22	19.95
21...	1605	530	18	20.38	MAY				
NOV					20...	1235	--	--	16.16
17...	1420	--	--	16.61	JUN				
DEC					21...	1320	--	--	15.96
16...	1245	--	--	18.11	JUL				
JAN					20...	1335	--	--	18.82
20...	1130	--	--	20.25	AUG				
FEB					24...	1330	--	--	17.85
17...	1115	--	--	20.07					
MAR									
23...	1340	--	--	20.28					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

257

WELL NUMBER.--262136081204202. Local Number C 965.

LOCATION.--Lat 26°21'37", long 81°20'43", in NE1/4SW1/4 sec.29, T.47 S., R.30 E., Hydrologic Unit 03090204, 150 ft north of Motorola Road, 200 ft west of State Road 29, 5.7 mi south of State Road 29A and 6.5 mi south of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 460 ft, cased to 438 ft, open hole 438 to 460 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 6 in. casing, 5.00 ft above land-surface datum.

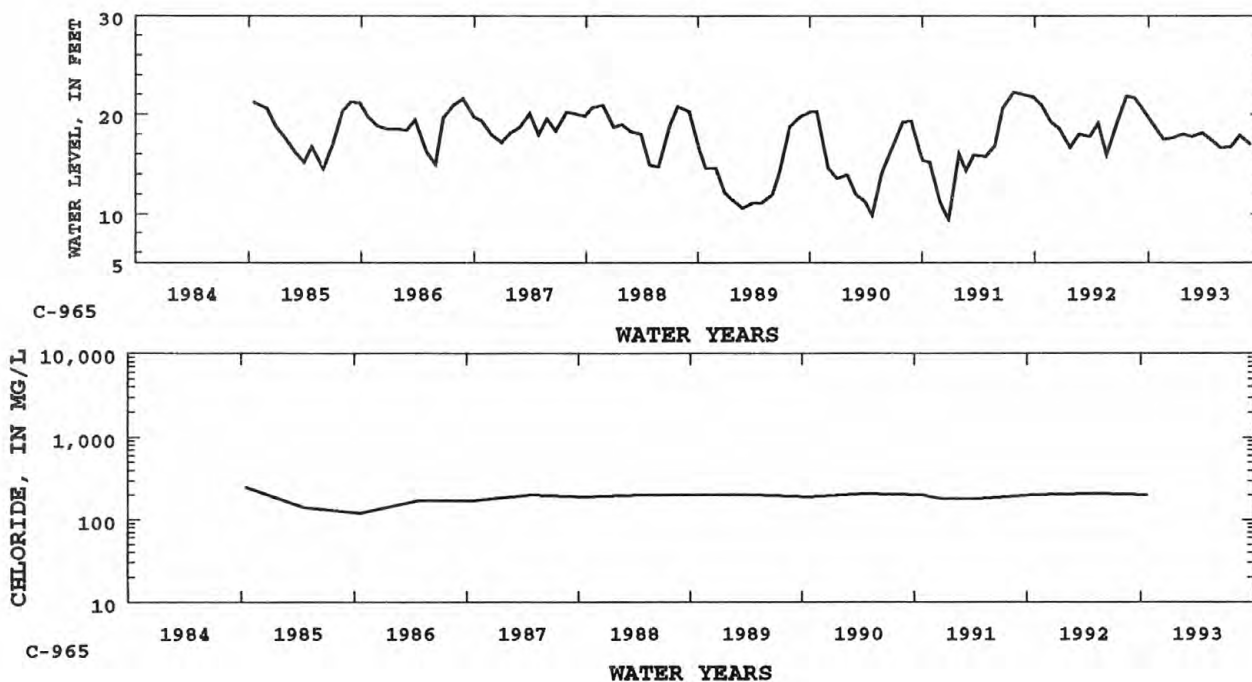
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.22 ft NGVD, July 24, 1991; lowest measured, 9.38 ft NGVD, Dec. 26, 1990.

262136081204202 - C - 965

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1545	--	--	19.39	23...	1245	--	--	17.39
21...	1600	1240	200	18.71	MAY				
NOV					20...	1230	--	--	16.67
17...	1415	--	--	17.49	JUN				
DEC					21...	1320	--	--	16.75
16...	1245	--	--	17.63	JUL				
JAN					20...	1330	--	--	17.88
20...	1130	--	--	17.98	AUG				
FEB					24...	1330	--	--	16.97
17...	1115	--	--	17.73					
MAR									
23...	1340	--	--	18.12					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262158081283401. Local Number C 981.

LOCATION.--Lat 26°21'58", long 81°28'34", in SE1/4SW1/4 sec.24, T.47 S., R.28 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 2.8 mi east of Oil Well Road and 4.5 mi southwest of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 60 ft, cased to 40 ft, open hole 40 to 60 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 5.00 ft above land-surface datum.

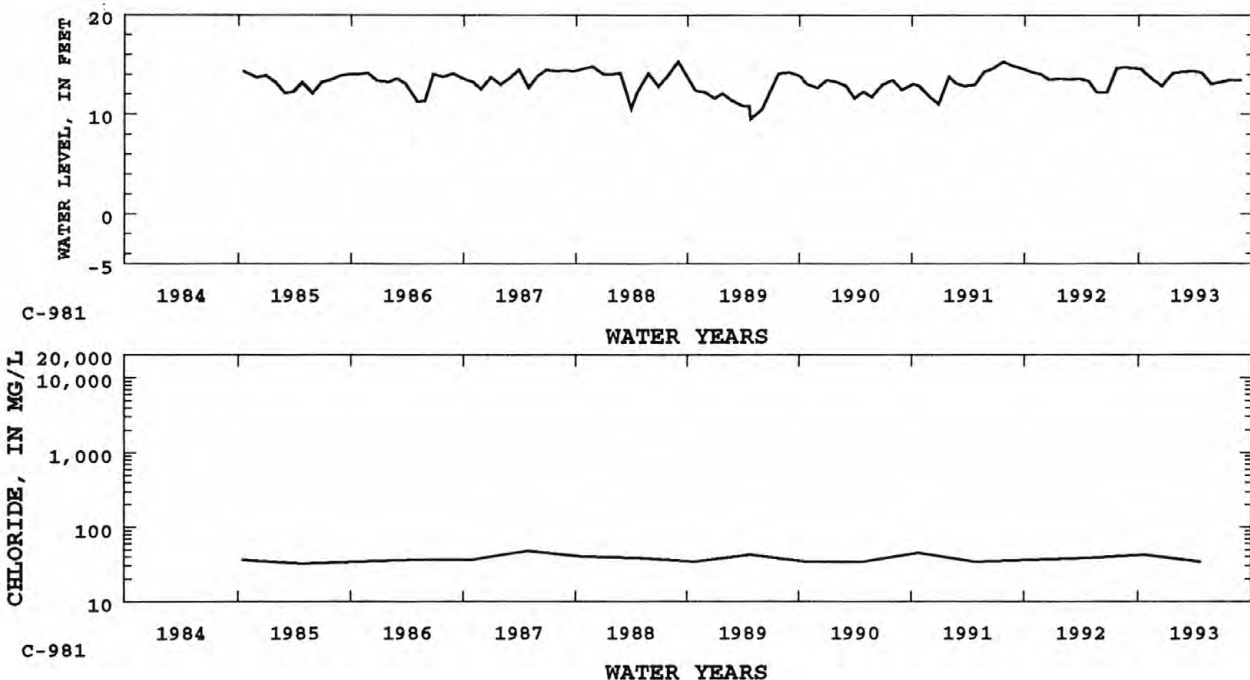
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.24 ft NGVD, Aug. 31, 1988; lowest measured, 9.51 ft NGVD, Apr. 24, 1989.

262158081283401 - C - 981

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1540	--	--	14.56	20...	1045	607	34	14.15
22...	1105	608	42	14.11	MAY				
NOV					21...	1045	--	--	13.00
18...	0930	--	--	13.41	JUN				
DEC					22...	0915	--	--	13.16
15...	0930	--	--	12.82	JUL				
JAN					19...	1140	--	--	13.42
20...	0900	--	--	14.11	AUG				
FEB					26...	1155	--	--	13.41
17...	0845	--	--	14.21					
MAR									
23...	0900	--	--	14.31					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

259

WELL NUMBER.--262158081283402. Local Number C 983.

LOCATION.--Lat 26°21'58", long 81°28'34", in SE1/4SW1/4 sec.24, T.47 S., R.28 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 2.8 mi east of Oil Well Road and 4.5 mi southwest of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Mid-hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 520 ft, cased to 480 ft, open hole 480 to 520 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 15.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. reducer, 1.36 ft above land-surface datum.

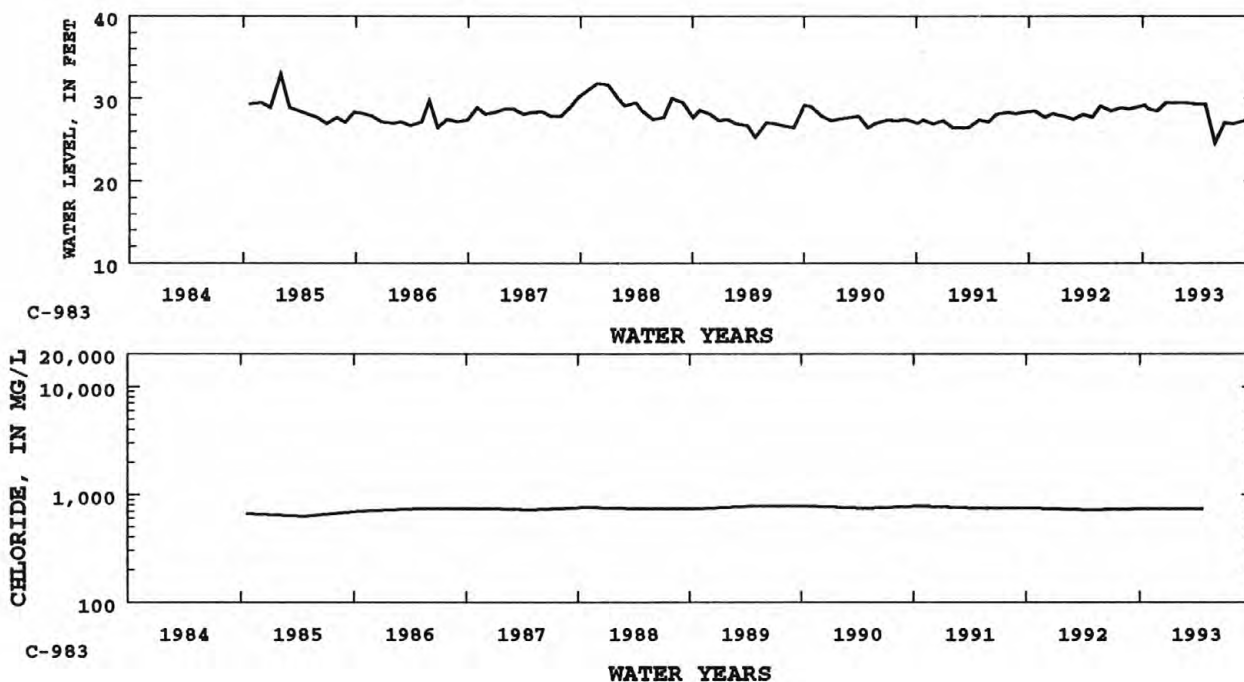
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 31.8 ft NGVD, Nov. 25, 1987; lowest measured, 24.6 ft NGVD, May 21, 1993.

262158081283402 - C - 983

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	AS CL)	NGVD	(FEET)	(US/CM)	(MG/L	AS CL)	NGVD	(FEET)
OCT					APR				
07...	1540	--	--	29.20	20...	1050	4780	740	29.30
22...	1110	4800	740	28.70	MAY				
NOV					21...	1040	--	--	24.60
18...	0940	--	--	28.50	JUN				
DEC					22...	0925	--	--	27.10
15...	0930	--	--	29.50	JUL				
JAN					19...	1145	--	--	26.90
20...	0905	--	--	29.50	AUG				
FEB					26...	1150	--	--	27.30
17...	0850	--	--	29.50					
MAR									
23...	0905	--	--	29.30					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262158081283403. Local Number C 982.

LOCATION.--Lat 26°21'58", long 81°28'34", in SE1/4SW1/4 sec.24, T.47 S., R.28 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 2.8 mi east of Oil Well Road and 4.5 mi southwest of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 160 ft, cased to 150 ft, open hole 150 to 160 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.88 ft above land-surface datum.

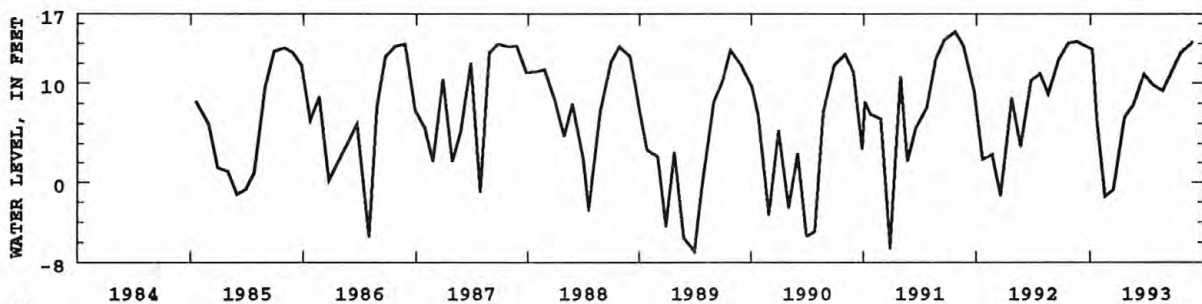
REMARKS.--Well also sampled for water quality.

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

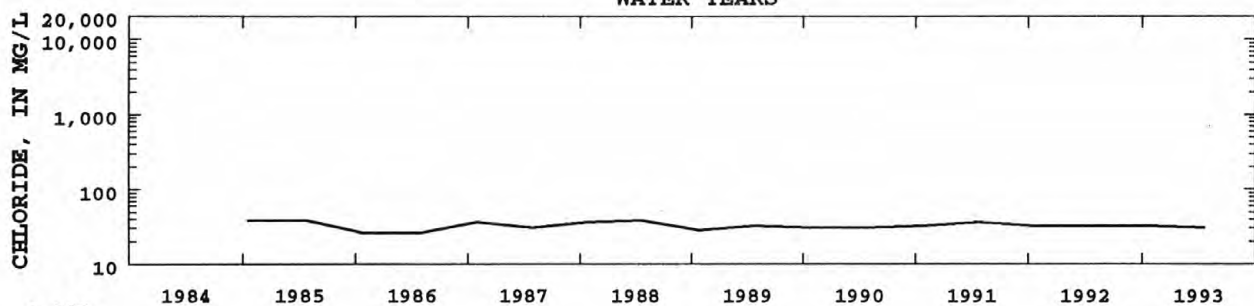
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.20 ft NGVD, July 24, 1991; lowest measured, 6.91 ft below NGVD, Mar. 31, 1989.

262158081283403 - C - 982

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1535	--	--	13.43	20...	1040	568	30	9.83
22...	1100	546	32	6.56	MAY				
NOV					21...	1040	--	--	9.23
18...	0930	--	--	-1.42	JUN				
DEC					22...	0935	--	--	11.45
15...	0935	--	--	-0.74	JUL				
JAN					19...	1135	--	--	13.10
20...	0900	--	--	6.54	AUG				
FEB					26...	1150	--	--	14.12
17...	0845	--	--	7.87					
MAR									
23...	0900	--	--	10.92					



C-982



C-982

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

261

WELL NUMBER.--262158081283404. Local Number C 1079.

LOCATION.--Lat 26°21'58", long 81°28'34", in SE1/4SW1/4 sec.24, T.47 S., R.28 E., Hydrologic Unit 03090204, 30 ft north of County Road 846, 2.8 mi east of Oil Well Road and 4.5 mi southwest of Immokalee. Owner: South Florida Water Management District.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 390 ft, cased to 298 ft, 92 ft of open hole. (Corrected)

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 15.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 1.33 ft above land-surface datum.

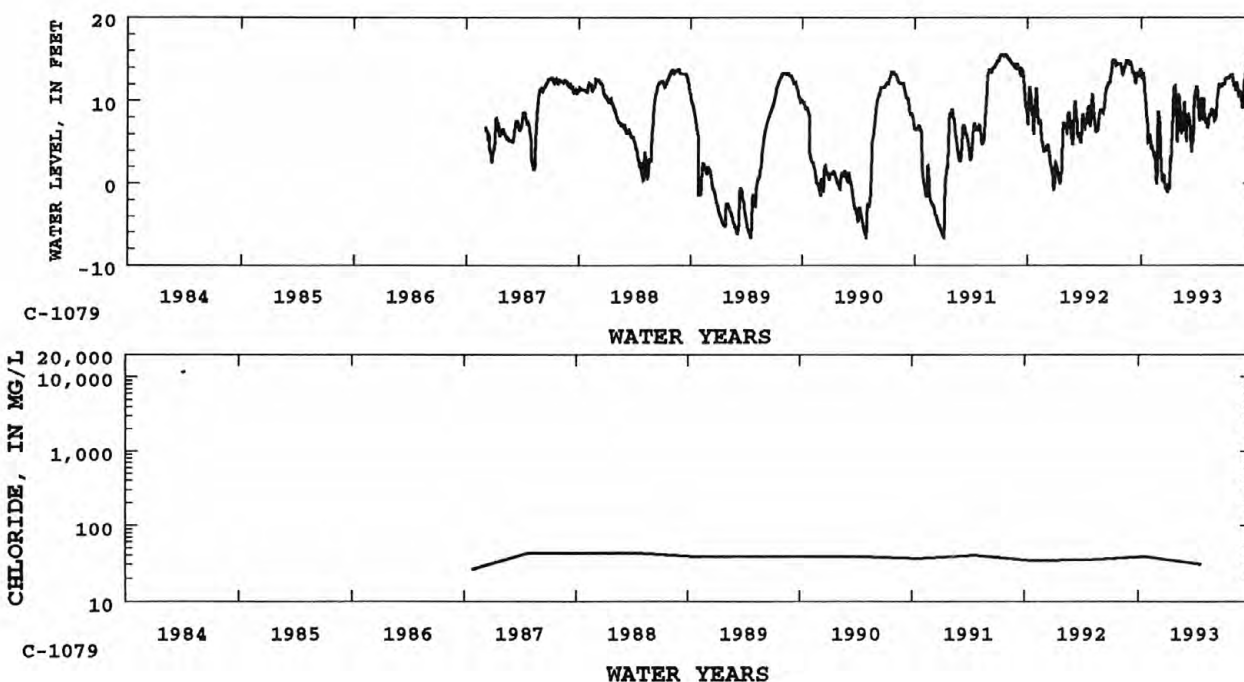
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 15.56 ft NGVD, July 8-12, 1991; lowest, 6.84 ft below NGVD, Apr. 26, 1990.

STATION NUMBER 262158081283404 C -1079
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.23	4.51	1.61	2.64	6.54	7.65	7.51	7.72	11.30	12.74	12.20	13.12
10	12.40	3.57	.22	8.39	6.99	4.60	9.97	8.30	11.99	12.71	10.45	14.42
15	9.74	2.88	.52	11.65	9.89	4.96	8.30	8.91	11.69	12.91	11.05	14.38
20	7.50	-.02	-.79	10.05	7.06	10.29	10.22	8.70	11.95	13.12	9.69	13.03
25	5.47	8.68	-1.13	4.99	7.15	11.07	7.46	7.67	11.94	11.87	10.48	10.80
EOM	5.43	7.28	-.70	10.38	8.10	10.45	7.15	9.51	12.70	11.22	13.13	11.32
MEAN	9.34	4.39	.55	7.92	7.56	8.22	8.71	8.17	11.77	12.56	11.05	12.94
MAX	13.47	8.68	6.33	11.78	9.91	11.70	10.38	9.51	12.70	13.12	13.13	14.55
MIN	4.98	-.02	-1.13	.22	5.05	3.84	7.15	6.68	10.07	11.22	9.08	9.99
CAL YR 1992 MEAN 8.43 MAX 14.93 MIN -1.13												
WTR YR 1993 MEAN 8.60 MAX 14.55 MIN -1.13												



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262228081361901. Local Number C 492.

LOCATION.--Lat 26°22'23", long 81°36'20", in SE1/4NW1/4 sec.22, T.47 S., R.27 E., Hydrologic Unit 03090204, 12 mi southwest of Immokalee, and 15 mi northeast of East Naples. Owner: National Audubon Society.

AQUIFER.--Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 64 ft, cased 60 ft, open hole 60 to 64 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 17.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 4.04 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

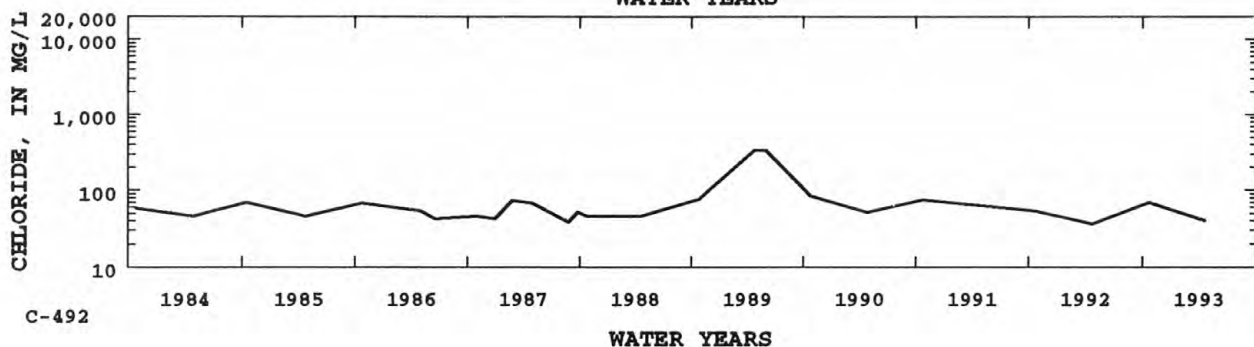
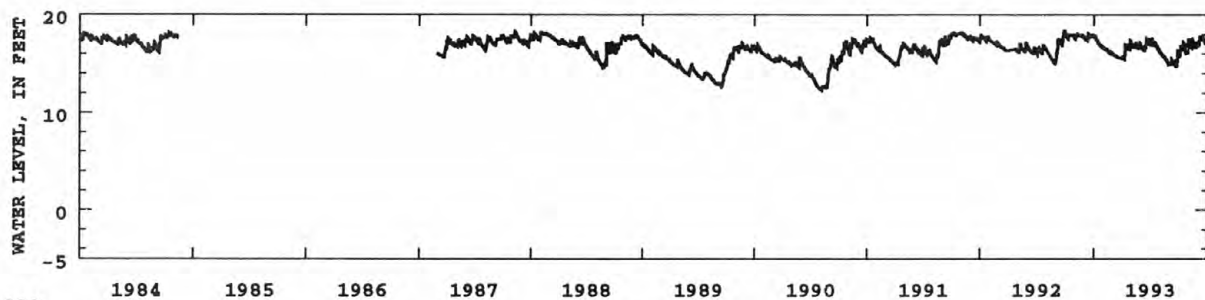
PERIOD OF RECORD.--October 1973 to September 1984 (daily), October 1984 to October 1986 (intermittent), November 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.54 ft NGVD; Oct. 8, 1974; lowest, 12.35 ft NGVD; May 6, 1990.

STATION NUMBER 262228081361901 C - 492
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.80	16.51	15.88	15.56	16.65	16.61	17.67	16.01	14.86	15.67	17.03	17.20
10	17.38	16.49	15.84	16.84	16.59	16.36	17.20	15.83	15.02	16.51	17.33	17.62
15	17.11	16.29	15.66	16.65	16.85	16.59	17.07	15.63	15.13	17.10	17.16	17.67
20	16.87	16.28	15.62	16.58	16.56	17.35	16.73	15.49	14.75	16.30	16.62	17.25
25	16.75	16.21	15.54	16.92	16.61	17.54	16.47	15.14	15.51	16.80	16.87	16.99
EOM	16.63	16.02	15.49	16.87	16.88	17.01	16.20	15.12	15.94	17.48	17.29	17.28
MEAN	17.15	16.32	15.70	16.50	16.76	16.91	16.84	15.57	15.23	16.48	17.02	17.35
MAX	17.84	16.61	15.98	17.30	17.18	17.54	17.67	16.13	16.39	17.48	17.47	17.79
MIN	16.63	16.02	15.49	15.50	16.52	16.30	16.20	15.00	14.73	15.67	16.56	16.82

WTR YR 1993 MEAN 16.48 MAX 17.84 MIN 14.73



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

263

WELL NUMBER.--262228081361902. Local Number C 1080.

LOCATION.--Lat 26°22'28", long 81°36'19", in SE1/4NW1/4 sec.22, T.47 S., R.27 E., Hydrologic Unit 03090204, at Corkscrew Swamp Sanctuary 12 mi southwest of Immokalee, and 15 mi northeast of East Naples. Owner: South Florida Water Management District.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 309 ft, cased to 238 ft, 71 ft of open hole.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 17.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 3/4 in. bushing, 5.96 ft above land-surface datum.

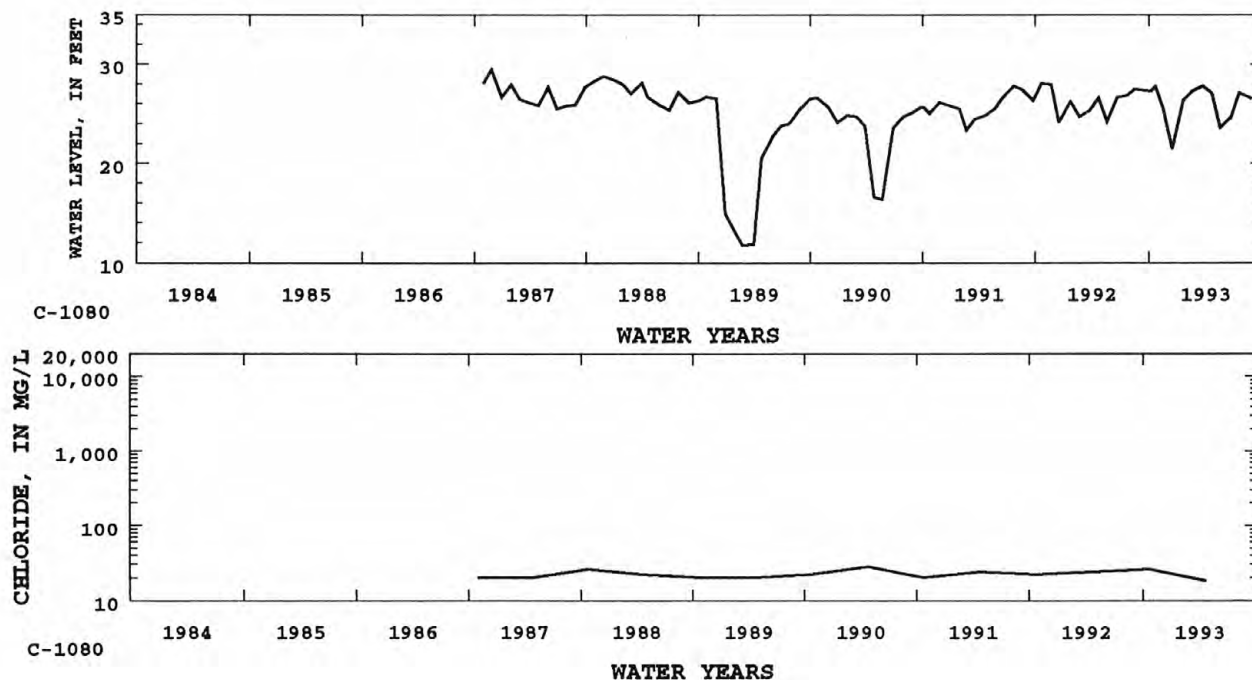
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.4 ft NGVD, Nov. 25, 1986; lowest measured, 11.76 ft NGVD, Feb. 22, 1989.

262228081361902 - C -1080

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		ANCE	SOLVED	NGVD			ANCE	SOLVED	NGVD
(US/CM)		(MG/L	AS CL)	(FEET)	(US/CM)		(MG/L	AS CL)	(FEET)
OCT					APR				
07...	1455	--	--	27.28	20...	0945	436	18	27.10
22...	0955	438	26	27.70	MAY				
NOV					17...	1015	--	--	23.60
16...	1445	--	--	25.50	JUN				
DEC					22...	1000	--	--	24.60
14...	0900	--	--	21.45	JUL				
JAN					19...	1100	--	--	27.10
19...	1400	--	--	26.30	AUG				
FEB					26...	1110	--	--	26.50
17...	0810	--	--	27.30					
MAR									
23...	0820	--	--	27.80					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262505081245301. Local Number C 258.

LOCATION.--Lat 26°25'04", long 81°24'59", in NW1/4SW1/4 sec.3, T.47 S., R.29 E., Hydrologic Unit 03090204, 100 ft south of State Road 846, 500 ft east of State Road 29 and 0.10 mi east southeast of the Immokalee Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 783 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 34.40 ft above National Geodetic Vertical Datum of 1929. Between March 1959 and September 1991, land-surface datum was considered to be 35.00 ft above NGVD. Measuring point: Top of 4 in. steel cap, 2.06 ft above land-surface datum. See PERIOD OF RECORD.

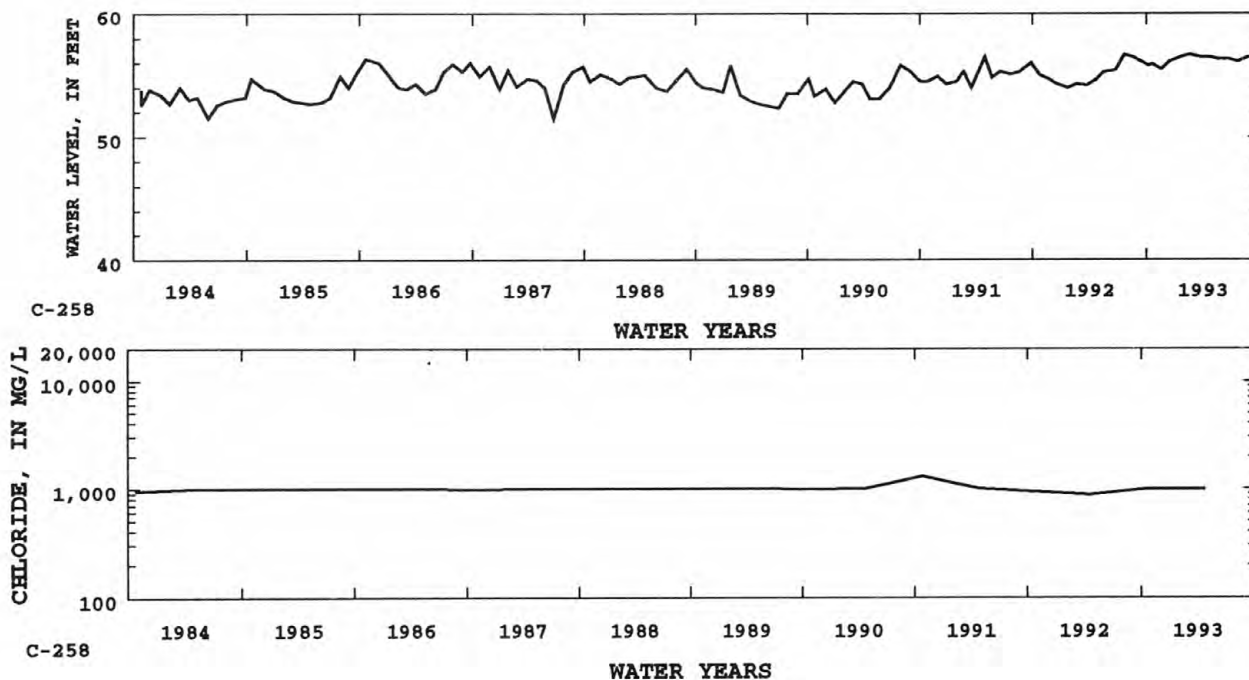
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--March 1959 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD, between March 1959 and September 1991 are in error. Corrected records are in files of the U.S. Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.70 ft NGVD, July 22, 1992 and Feb. 17, 1993; lowest measured, 51.50 ft NGVD, June 24, 1987.

262505081245301 - C - 258

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	0900	--	--	55.80	22...	1200	4160	980	56.50
20...	1550	4090	980	55.90	MAY				
NOV					19...	1325	--	--	56.30
17...	0950	--	--	55.50	JUN				
DEC					21...	0950	--	--	56.30
15...	1110	--	--	56.10	JUL				
JAN					20...	0955	--	--	56.10
20...	1200	--	--	56.50	AUG				
FEB					26...	1010	--	--	56.50
17...	1140	--	--	56.70					
MAR									
23...	1415	--	--	56.50					



COLLIER COUNTY

WELL NUMBER.--262507081235201. Local Number C 298.

LOCATION.--Lat 26°25'07", long 81°23'52", in SW1/4NW1/4 sec.2, T.47 S., R.29 E., Hydrologic Unit 03090204, 30 ft north of State Road 846, 0.75 mi east of State Road 29, and 1.4 mi east of the Immokalee Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 3 in., depth 303 ft, cased to 254 ft, open hole 254 to 303 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.74 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

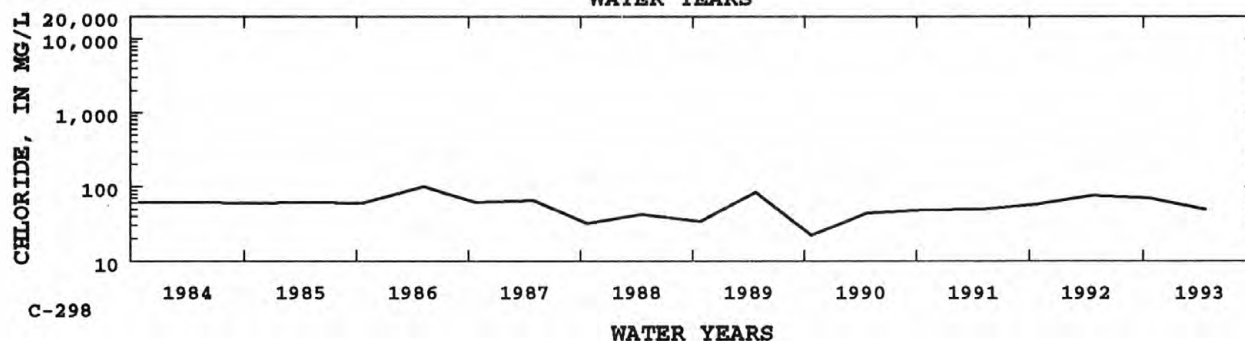
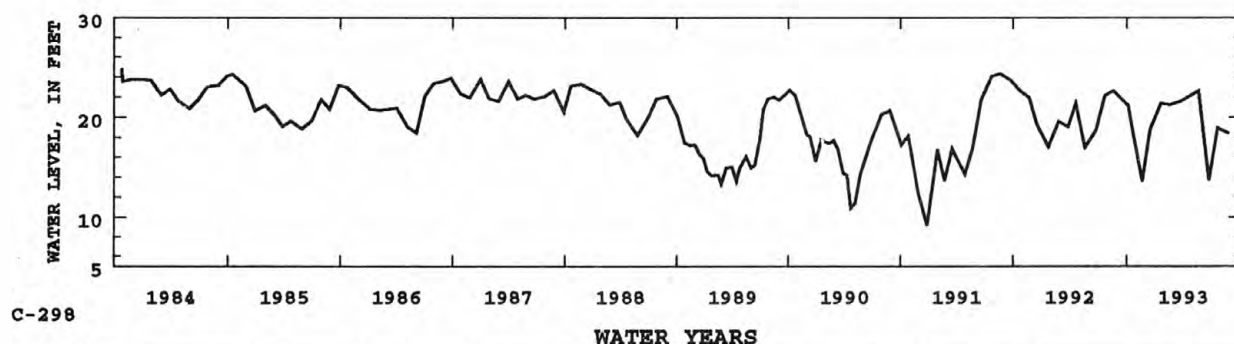
PERIOD OF RECORD.--July 1959 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.97 ft NGVD, Oct. 7, 1982; lowest measured, 9.17 ft NGVD, Dec. 26, 1990.

262507081235201 - C - 298

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1345	--	--	21.16	22...	1230	488	50	22.13
21...	1210	640	70	18.32	MAY				
NOV					19...	1335	--	--	22.61
19...	1050	--	--	13.55	JUN				
DEC					21...	1050	--	--	13.70
15...	1125	--	--	18.74	JUL				
JAN					20...	1050	--	--	18.88
20...	1145	--	--	21.39	AUG				
FEB					24...	1050	--	--	18.38
17...	1125	--	--	21.26					
MAR									
23...	1350	--	--	21.54					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262519081162102. Local Number C 1074.

LOCATION.--Lat 26°25'19", long 81°16'21", in SE1/4NE1/4 sec.1, T.47 S., R.30 E., Hydrologic Unit 03090204, 50 ft south of State Road 846 at Collier/Hendry county line, and 9 mi east of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 130 ft, cased to 100 ft, 30 ft of open hole.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 26.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf 3.23 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

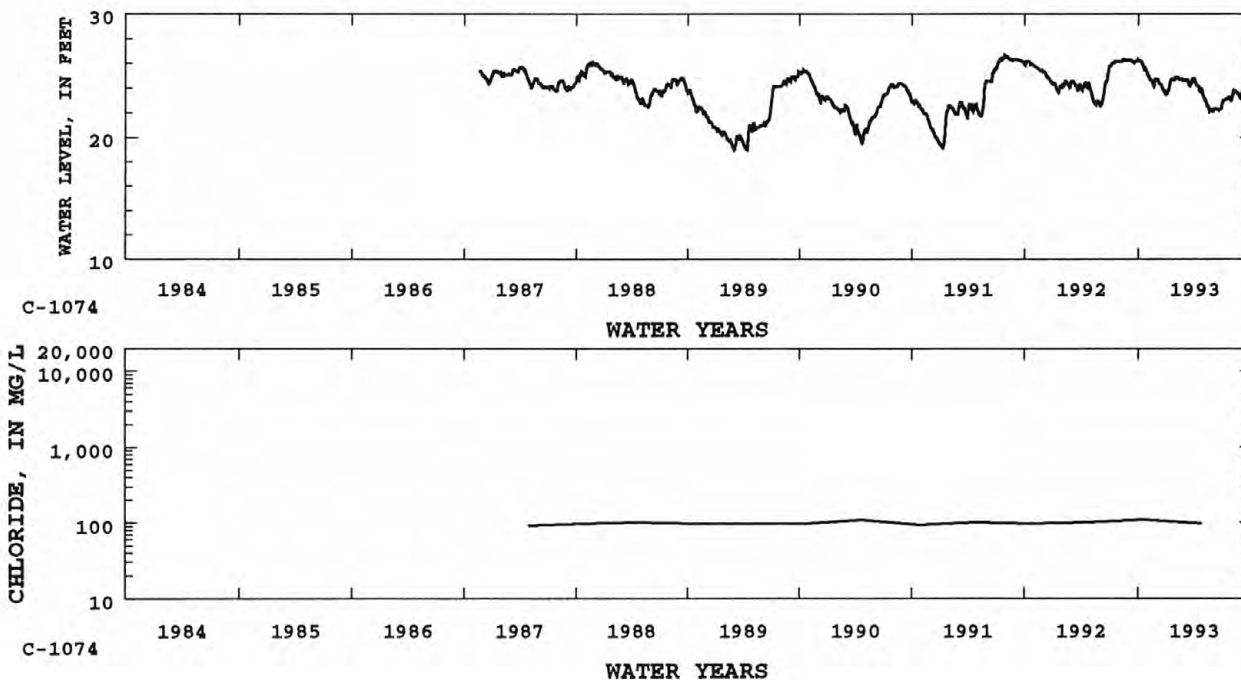
PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level 26.60 ft NGVD, July 29, 1991; lowest, 18.93 ft NGVD, Apr. 13, 1989.

STATION NUMBER 262519081162102 C -1074
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.19	24.82	24.50	23.75	24.72	24.64	24.13	22.94	22.29	22.98	23.74	23.91
10	26.10	24.57	24.26	24.28	24.64	24.40	24.13	22.54	22.27	23.07	23.63	---
15	25.85	24.48	24.09	24.66	24.72	24.20	23.78	22.36	22.22	23.17	23.57	---
20	25.54	24.10	23.82	24.67	24.62	24.38	23.92	22.13	22.24	23.22	23.38	---
25	25.42	24.63	23.59	24.62	24.53	24.68	23.56	22.16	22.33	22.88	23.22	---
EOM	25.08	24.69	23.43	24.83	24.62	24.55	23.15	22.23	22.91	23.32	23.63	---
MEAN	25.76	24.57	24.01	24.40	24.67	24.50	23.90	22.43	22.35	23.08	23.51	---
MAX	26.22	24.99	24.66	24.83	24.86	24.73	24.49	23.11	22.91	23.32	23.74	---
MIN	25.08	24.10	23.43	23.44	24.51	24.12	23.15	22.03	22.22	22.88	23.19	---

CAL YR 1992 MEAN 24.69 MAX 26.30 MIN 22.58



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

267

WELL NUMBER.--262521081161901. Local Number C 131.

LOCATION.--Lat 26°25'21", long 81°16'19", in SE1/4NE1/4 sec.1, T.47 S., R.30 E., Hydrologic Unit 03090204, 50 ft north of State Road 846, at Collier/Hendry County line, and 9 mi east of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 54 ft, cased to 22 ft, open hole 22 to 54 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 26.71 ft above National Geodetic Vertical Datum of 1929. Prior to October 1975, land-surface datum was considered to be 26.60 ft above NGVD. Measuring point: Top of recorder shelf, 2.94 ft above land-surface datum. See PERIOD OF RECORD.

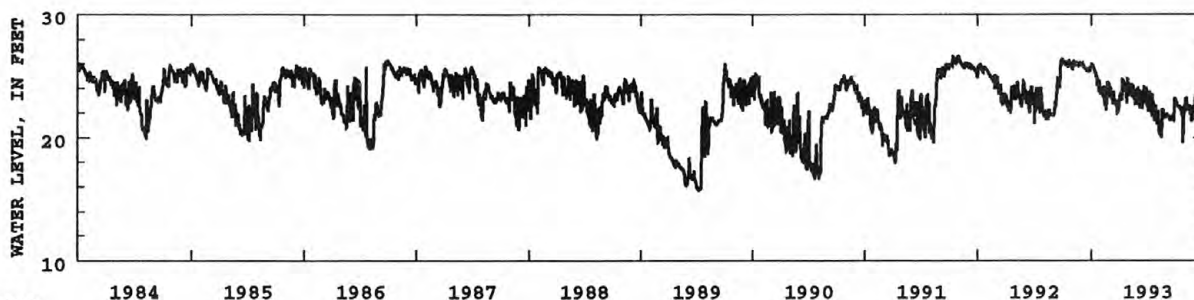
REMARKS.--Well also sampled for water quality. Water levels affected by nearby irrigation.

PERIOD OF RECORD.--June 1952 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD, prior to October 1975 are in error. Corrected records are in files of the Geological Survey. See DATUM.

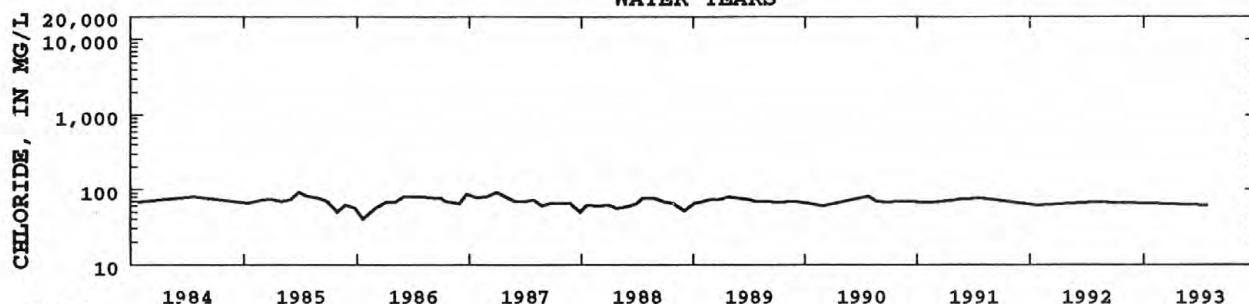
EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 26.83 ft NGVD, present datum, Oct. 9, 1953; lowest, 15.73 ft NGVD, Apr. 14, 1989.

STATION NUMBER 262521081161901 C - 131
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.82	23.75	23.26	23.26	23.87	23.70	23.75	22.14	21.72	22.59	22.41	23.07
10	25.48	24.05	23.67	24.62	23.71	22.41	23.47	20.57	21.49	22.57	22.69	23.66
15	25.17	22.95	23.13	24.22	23.20	22.34	22.33	19.99	21.41	22.46	21.91	24.07
20	24.19	23.93	22.54	23.82	22.61	23.92	22.59	22.03	21.50	21.84	21.67	23.44
25	24.60	24.28	22.06	24.32	22.66	23.99	21.87	21.68	22.06	22.35	22.44	23.20
EOM	23.52	23.20	23.05	24.33	23.94	22.98	21.10	21.85	22.93	23.11	23.03	23.89
MEAN	24.97	23.68	22.94	23.90	23.62	23.27	22.41	21.25	21.84	22.27	22.37	23.55
MAX	25.88	24.53	23.91	24.70	24.32	24.03	23.79	22.31	23.20	23.11	23.23	24.16
MIN	23.52	22.23	22.02	22.78	22.61	22.34	21.10	19.99	21.40	19.56	21.27	22.96
CAL YR 1992	MEAN 24.00	MAX 26.48	MIN 21.13									
WTR YR 1993	MEAN 23.00	MAX 25.88	MIN 19.56									



C-131



C-131

COLLIER COUNTY

WELL NUMBER.--262554081283801. Local Number C 687.

LOCATION.--Lat 26°25'54", long 81°28'38", in NE1/4SW1/4 sec.36, T.46 S., R.28 E., Hydrologic Unit 03090204, in island of Tippons Road, 0.1 mi south of County Road 890, 3.2 mi west of the Immokalee Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 310 ft, cased to 290 ft, open hole 290 to 310 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.98 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1985, land-surface datum was considered to be 6.55 ft NGVD. Measuring point: Top of casing, 2.94 ft above land-surface datum. See PERIOD OF RECORD.

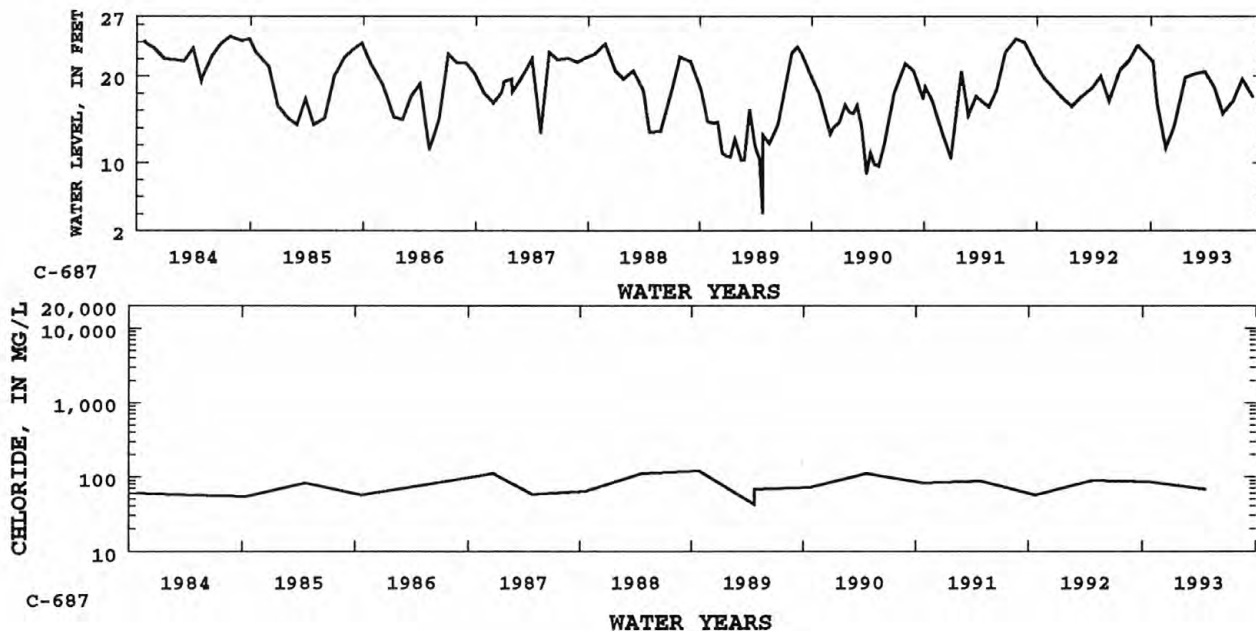
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1981 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey. The records of water levels as elevation, in feet NGVD, prior to Oct. 1, 1985 are in error. Corrected records are in file of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.19 ft NGVD, Oct. 5, 1982; lowest measured, 4.03 ft NGVD, Apr. 24, 1989

262554081283801 - C - 687

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1025	--	--	21.71	22...	1105	728	68	18.64
20...	1510	807	86	17.00	MAY				
NOV					19...	1300	--	--	15.63
17...	0920	--	--	11.66	JUN				
DEC					21...	0930	--	--	17.08
15...	1140	--	--	14.23	JUL				
JAN					20...	0935	--	--	19.66
20...	1220	--	--	19.88	AUG				
FEB					24...	0920	--	--	17.51
17...	1200	--	--	20.26					
MAR									
23...	1445	--	--	20.56					



COLLIER COUNTY

WELL NUMBER.--262555081242501. Local Number C 363.

LOCATION.--Lat 26°25'55", long 81°24'25", in NW1/4SE1/4 sec.34, T.46 S., R.29 E., Hydrologic Unit 03090204, 54 ft south of west access road to Immokalee Airport near beacon tower, 1 mi north of State Road 29 and 1.2 mi east of the Immokalee Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 119 ft, cased to 84 ft, open hole 84 to 119 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 34.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.91 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

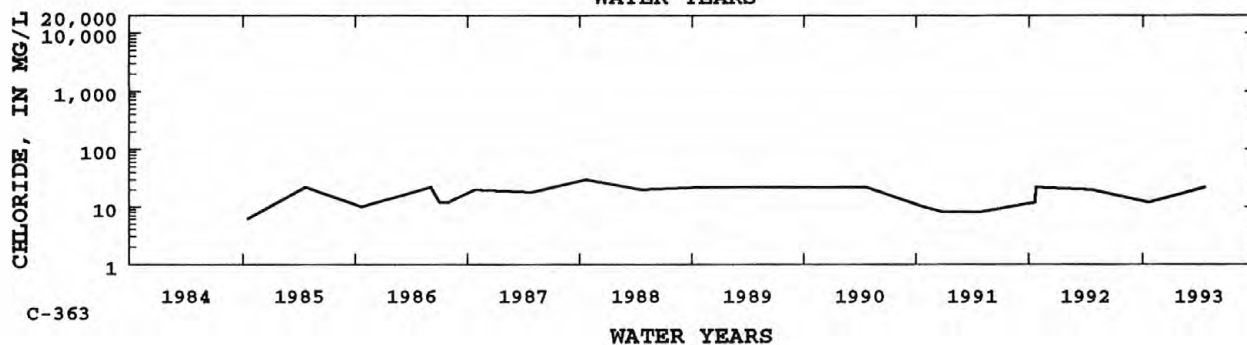
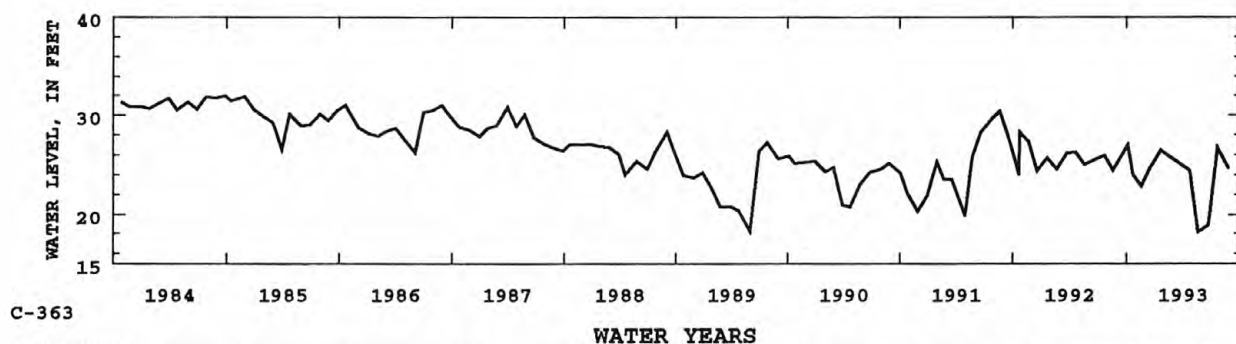
PERIOD OF RECORD.--June 1961 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.19 ft NGVD, June 24, 1982; lowest measured, 18.18 ft NGVD, May 19, 1993.

262555081242501 - C - 363

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1140	--	--	26.98	22...	1250	408	22	24.43
21...	1045	272	12	23.98	MAY				
NOV					19...	1330	--	--	18.18
17...	1045	--	--	22.82	JUN				
DEC					21...	1000	--	--	18.90
15...	1115	--	--	24.61	JUL				
JAN					20...	1005	--	--	26.75
20...	1155	--	--	26.45	AUG				
FEB					24...	0950	--	--	24.63
17...	1135	--	--	25.81					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262558081270501. Local Number C 1078.

LOCATION.--Lat 26°25'58", long 81°27'05", in SE1/4NE1/4 sec.31, T.46 S., R.29 E., Hydrologic Unit 03090204, 25 ft north of County Road 850, 1.1 mi west of State Road 29 on County Road 850, 2.0 mi west of Immokalee Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 38 ft, cased to 13 ft, 25 ft of 0.020 screen 13 ft to 38 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 31.91 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 2.80 ft above land-surface datum.

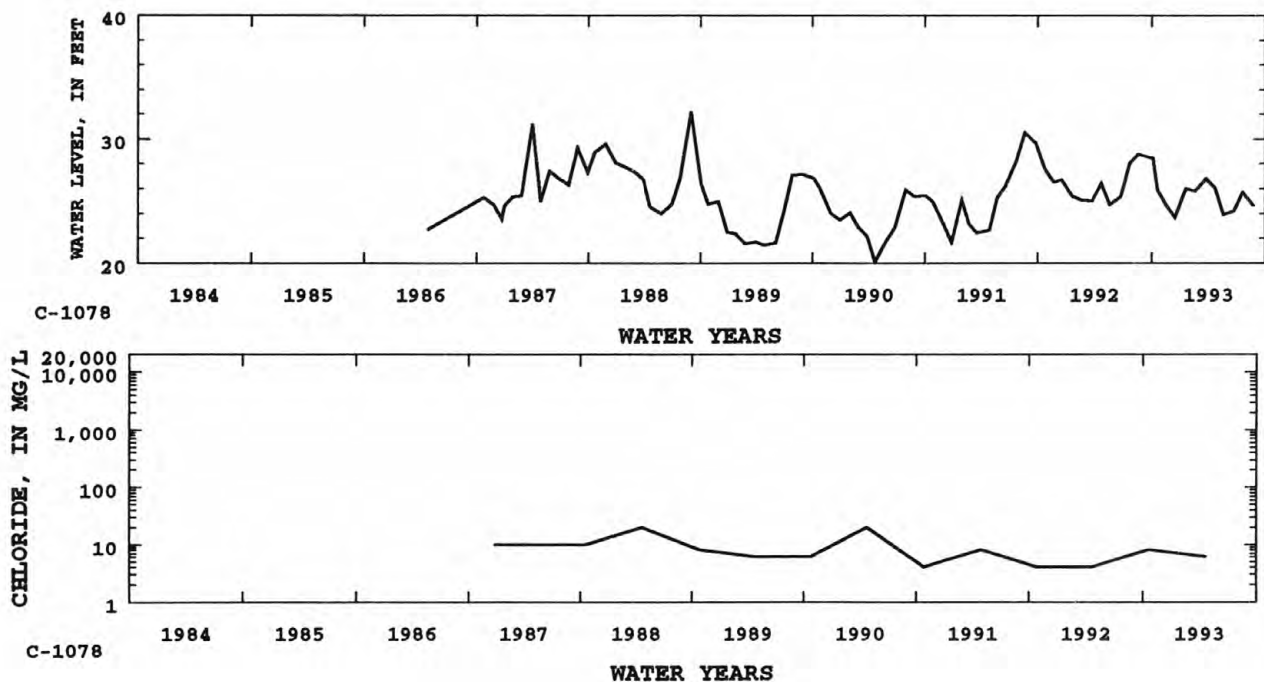
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.17 ft NGVD, Sept. 1, 1988; lowest measured, 20.07 ft NGVD, Apr. 23, 1990.

262558081270501 - C -1078

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	1020	--	--	28.42	22...	1050	320	6.0	26.04
20...	1530	316	8.0	25.91	MAY				
NOV					19...	1250	--	--	23.85
17...	0915	--	--	24.60	JUN				
DEC					21...	0925	--	--	24.20
15...	1130	--	--	23.67	JUL				
JAN					20...	0925	--	--	25.68
20...	1215	--	--	25.98	AUG				
FEB					24...	0915	--	--	24.58
17...	1145	--	--	25.79					
MAR									
24...	1440	--	--	26.77					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

271

WELL NUMBER.--262724081260701. Local Number C 462.

LOCATION.--Lat 26°27'24", long 81°26'12", in SE1/4SE1/4 sec.20, T.46 S., R.29 E., Hydrologic Unit 03090204, in pasture 0.1 mi west of State Road 29, 1.7 mi north of State Road 850 and 2.5 mi northwest of Immokalee. Owner: Collier Corp.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8.62 in., depth 110 ft, cased to 50 ft, slotted casing 50 to 110 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 34.11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder base, 3.00 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

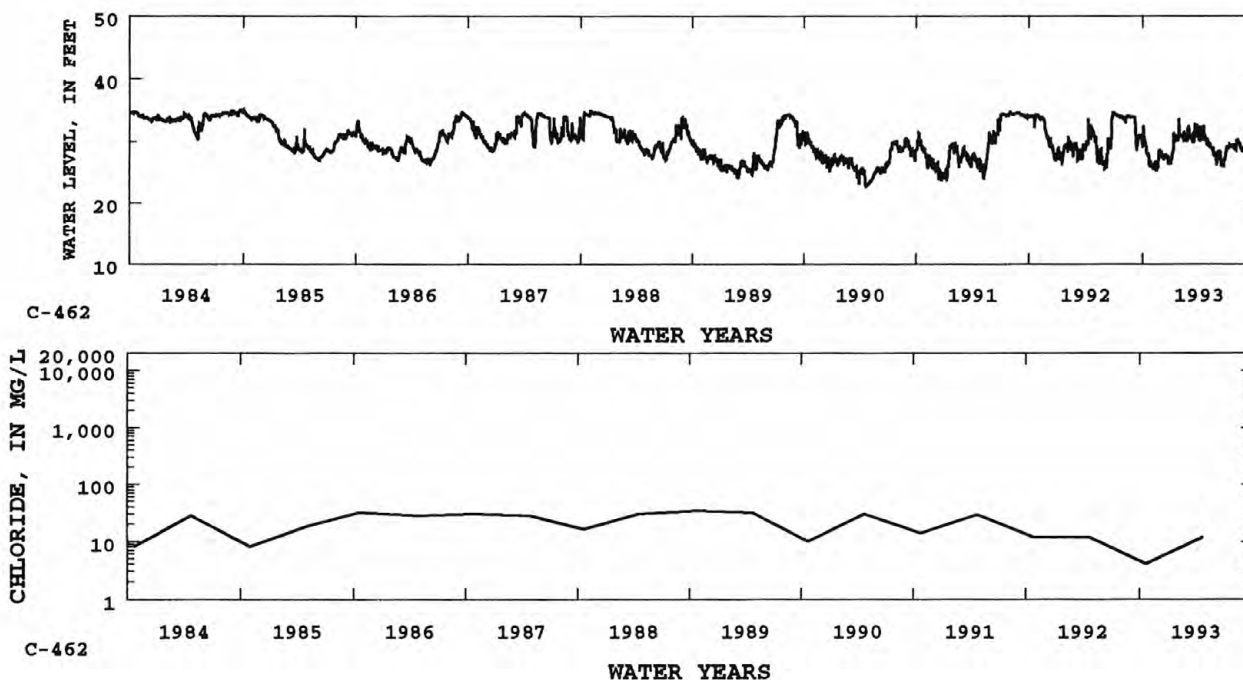
PERIOD OF RECORD.--November 1968 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 35.13 ft NGVD, Sept. 2, 1983; lowest, 22.68 ft NGVD, Apr. 20, 1990.

STATION NUMBER 262724081260701 C - 462
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.50	25.38	27.63	27.92	30.73	30.53	32.53	29.40	28.06	28.78	30.16	30.79
10	29.27	26.22	27.52	30.24	30.12	30.07	30.81	29.14	27.52	29.43	29.44	34.07
15	27.93	25.29	27.70	30.17	30.70	29.93	31.32	28.41	26.41	29.43	28.84	34.03
20	28.10	26.33	27.64	30.31	30.07	30.77	30.68	28.20	26.94	29.46	28.44	33.93
25	27.01	28.29	26.74	30.86	30.36	32.78	29.93	27.28	27.67	28.95	29.20	32.62
EOM	25.81	28.30	26.35	30.92	31.15	30.23	29.79	27.86	29.11	30.13	30.20	32.76
MEAN	28.35	26.72	27.30	29.92	30.84	30.89	30.63	28.44	27.42	29.24	29.32	33.11
MAX	32.54	28.39	27.88	33.73	32.56	32.89	32.61	29.72	29.11	30.13	30.38	34.07
MIN	25.81	25.29	26.35	26.58	29.97	29.82	29.79	26.28	25.94	28.63	28.29	30.66

WTR YR 1993 MEAN 29.34 MAX 34.07 MIN 25.29



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262822081213201. Local Number C 1075.

LOCATION.--Lat 26°28'22", long 81°21'32", in SW1/4NE1/4 sec.18, T.46 S., R.30 E., Hydrologic Unit 03090204, 3.8 mi north of SR 846 and 5.5 mi east of SR 29, 5.0 mi northeast of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 28 ft, cased to 8 ft, 20 ft of 0.020 screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 3.30 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

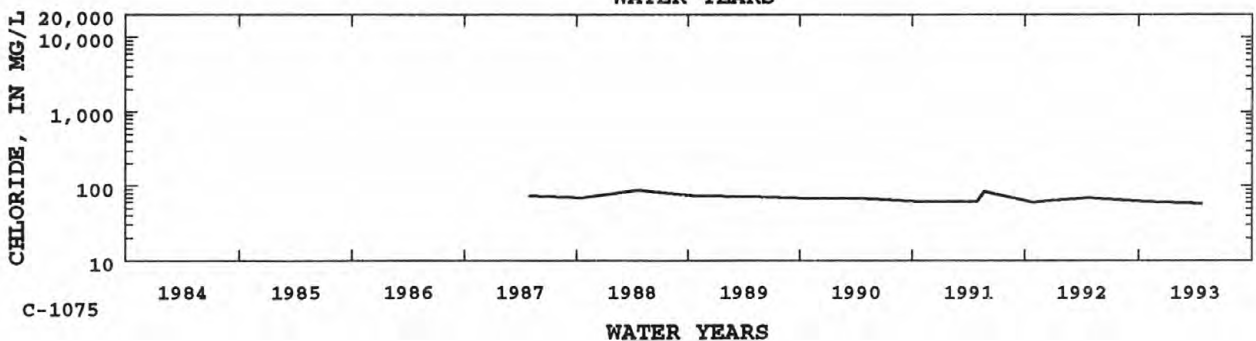
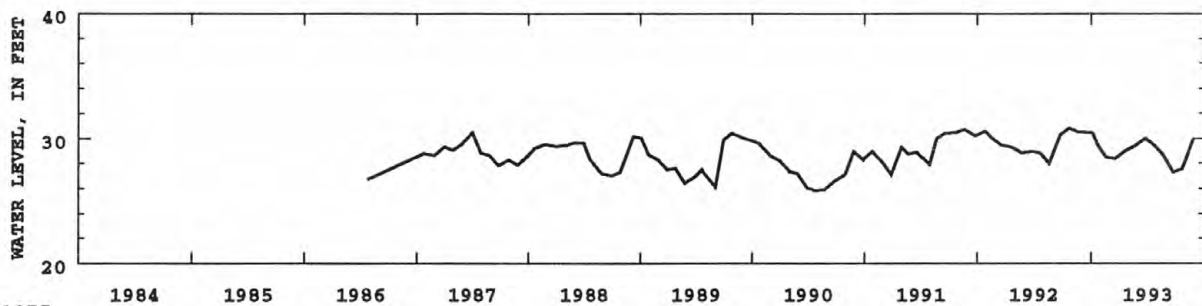
PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured 30.81 ft NGVD, July 23, 1992; lowest measured, 25.83 ft NGVD, Apr. 23, 1990.

262822081213201 - C -1075

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1310	--	--	30.48	22...	1330	690	58	29.44
21...	1120	674	62	29.50	MAY				
NOV					20...	0935	--	--	28.68
17...	1015	--	--	28.46	JUN				
DEC					21...	1020	--	--	27.29
16...	0930	--	--	28.36	JUL				
JAN					20...	1020	--	--	27.56
20...	1305	--	--	29.02	AUG				
FEB					24...	1020	--	--	29.89
18...	0850	--	--	29.37					
MAR									
24...	0935	--	--	29.99					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

273

WELL NUMBER.--262822081213202. Local Number C 1076.

LOCATION.--Lat 26°28'22", long 81°21'32", in SW1/4SE1/4 sec.18, T.46 S., R.30 E., Hydrologic Unit 03090204, 3.8 mi north of County Road 846 and 5.5 mi east of State Road 29, 5 mi northeast of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIMN. (Corrected).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 85 ft, cased to 65 ft, 20 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 3.41 ft above land-surface datum.

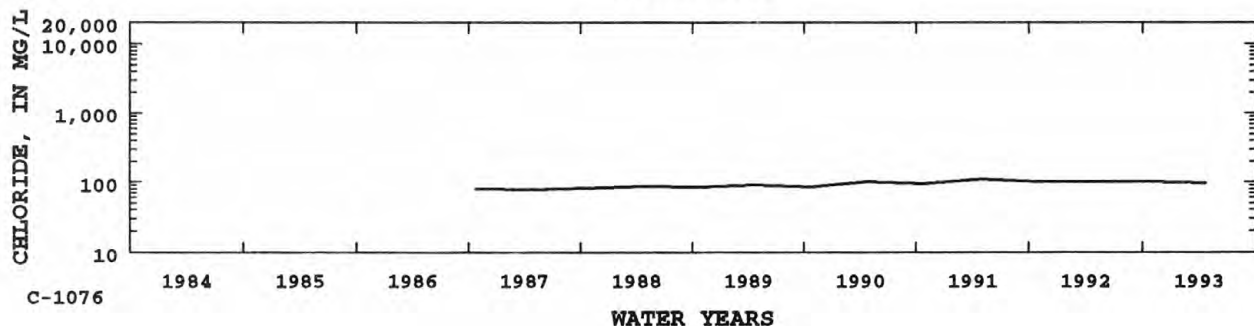
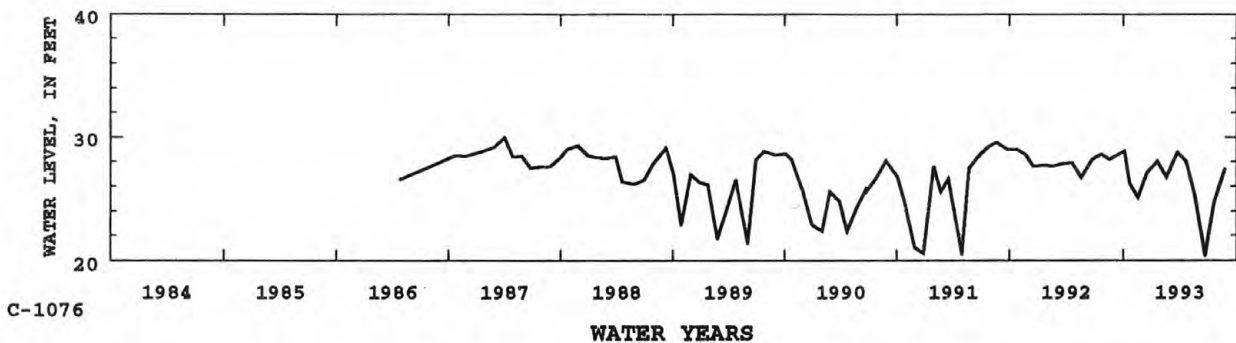
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.90 ft NGVD, Mar. 31, 1987; lowest measured, 20.36 ft NGVD, June 21, 1993.

262822081213202 - C -1076

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
			AS CL)	(FEET)				AS CL)	(FEET)
OCT					APR				
06...	1310	--	--	28.85	22...	1335	891	96	27.93
21...	1125	890	100	26.24	MAY				
NOV					20...	0935	--	--	25.32
17...	1015	--	--	25.10	JUN				
DEC					21...	1020	--	--	20.36
16...	0930	--	--	27.10	JUL				
JAN					20...	1025	--	--	24.70
20...	1305	--	--	28.00	AUG				
FEB					24...	1020	--	--	27.42
18...	0850	--	--	26.73					
MAR									
24...	0935	--	--	28.70					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--262822081213203. Local Number C 1077.

LOCATION.--Lat 26°28'22", long 81°21'32", in SW1/4SE1/4 sec.18, T.46 S., R.30 E., Hydrologic Unit 03090204, 3.8 mi north of County Road 846, and 5.5 mi east of State Road 29, 5 mi northeast of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 210 ft, cased to 170 ft, 40 ft of screen 0.020, 170 ft to 210 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 4.50 ft above land-surface datum.

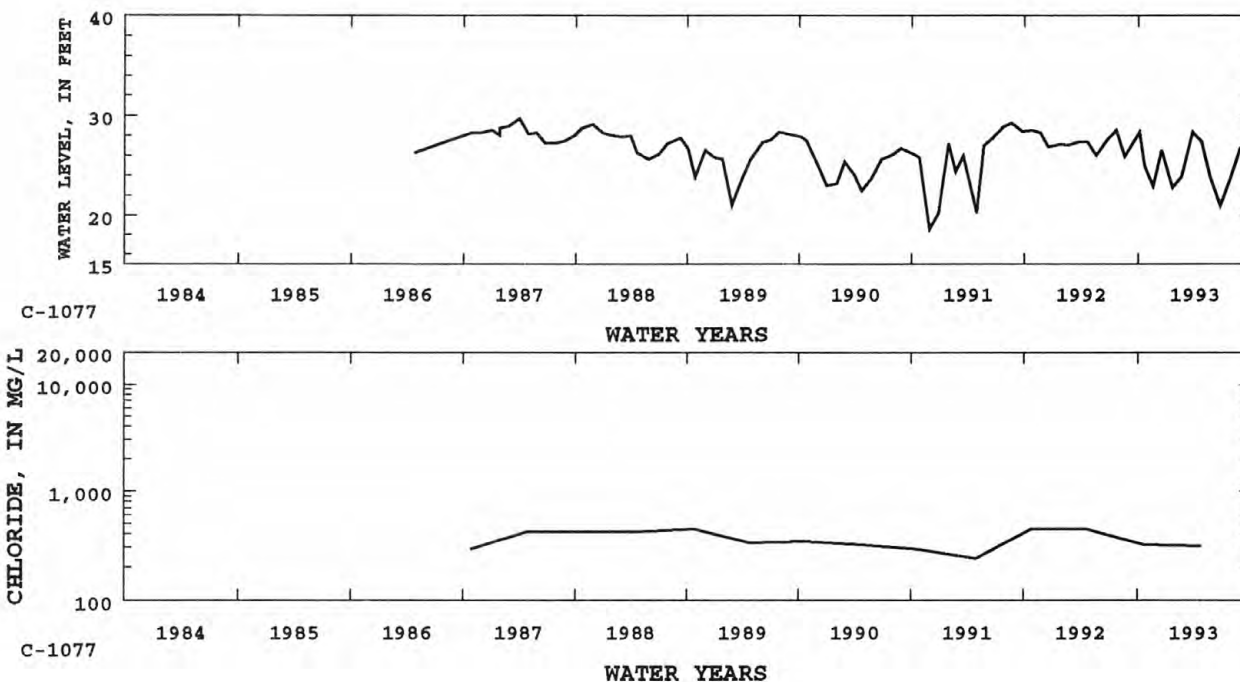
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.67 ft NGVD, Mar. 31, 1987; lowest measured, 18.53 ft NGVD, Nov. 27, 1990.

262822081213203 - C -1077

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L AS CL)	(FEET)	(US/CM)	(MG/L AS CL)	(FEET)	(US/CM)	(MG/L AS CL)	(FEET)	(FEET)
OCT					APR				
06...	1250	--	--	28.35	22...	1345	1660	310	27.38
21...	1130	1550	320	24.90	MAY				
NOV					20...	0940	--	--	23.89
17...	1020	--	--	22.89	JUN				
DEC					21...	1025	--	--	20.93
16...	0935	--	--	26.55	JUL				
JAN					20...	1025	--	--	23.43
20...	1300	--	--	22.77	AUG				
FEB					24...	1020	--	--	26.77
18...	0845	--	--	23.84					
MAR									
24...	0930	--	--	28.32					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

275

WELL NUMBER.--262859081273001. Local Number C 531.

LOCATION.--Lat 26°29'28", long 81°27'29", in NW1/4SE1/4 sec.7, T.46 S., R.29 E., Hydrologic Unit 03090205, north of State Road 82, 1.5 mi west of State Road 29 and 5.5 mi northwest of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 240 ft, cased to 210 ft, screened 210 to 240 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 41.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.58 ft above land-surface datum.

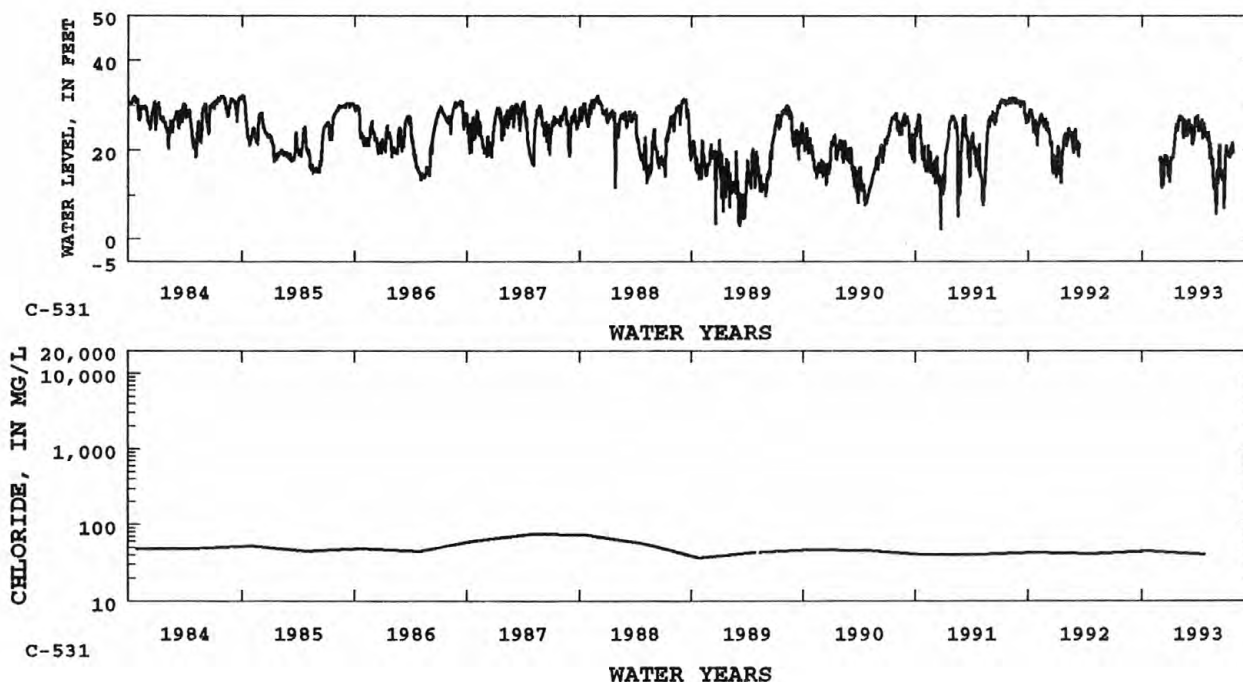
REMARKS.--Well also sampled for water quality. Well affected by nearby pumping.

PERIOD OF RECORD.--October 1975 to September 1976 (monthly), October 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 35.81 ft NGVD, May 20-21, 1992; lowest, 0.31 ft below NGVD, June 1, 1989.

STATION NUMBER 262859081273001 C - 531
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	14.51	18.20	27.05	23.66	25.07	20.94	19.33	19.26	---	---
10	16.02	13.91	15.62	---	23.05	21.58	25.84	21.63	15.46	19.07	---	---
15	11.30	---	---	---	26.88	21.76	23.59	16.88	13.58	20.77	---	---
20	---	9.79	18.61	25.86	23.35	26.42	24.17	12.07	15.47	20.61	---	---
25	12.99	18.40	15.50	25.81	24.13	26.46	23.85	9.72	14.73	---	---	---
EOM	---	18.33	15.54	27.69	26.71	24.48	22.75	15.58	19.50	---	---	---
MEAN	---	---	---	---	25.36	24.96	24.50	15.98	15.76	---	---	---
MAX	---	---	---	---	27.39	27.84	26.91	24.00	21.11	---	---	---
MIN	---	---	---	---	22.59	21.21	22.49	5.67	6.97	---	---	---



LOCATION.--Lat 26°29'28", long 81°27'29", in NW1/4SE1/4 sec.7, T.46 S., R.29 E., Hydrologic Unit 03090205, north of State Road 82, 1.5 mi west of State Road 29 and 5.5 mi northwest of Immokalee. Owner: U.S. Geological Survey.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 13 ft, cased to 3 ft, screened 3 to 13 ft.

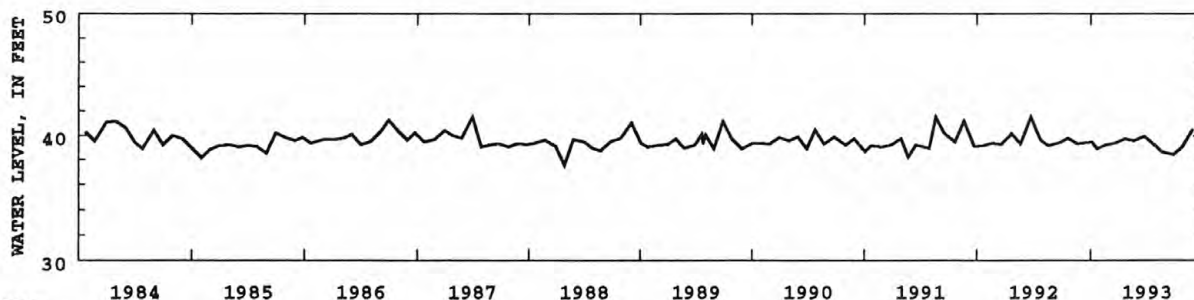
DATUM.--Land-surface datum is 41.93 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

PERIOD OF RECORD.--October 1975 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

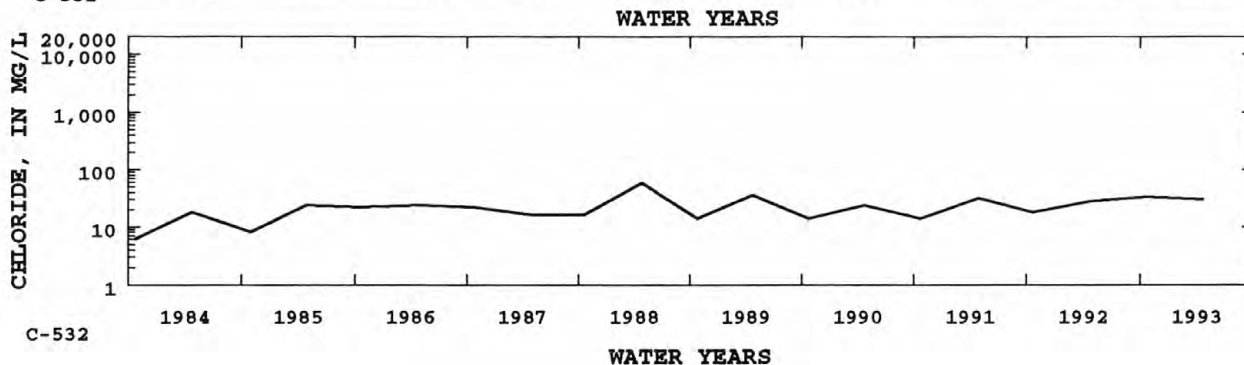
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.53 ft NGVD, June 26, 1980; lowest measured, 37.55 ft NGVD, Jan. 27, 1988.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

		SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)			SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
DATE	TIME				DATE	TIME			
OCT					APR				
06...	1545	--	--	39.49	22...	1140	414	30	39.25
22...	1530	450	33	38.92	MAY				
NOV					19...	1345	--	--	38.63
18...	0915	--	--	39.19	JUN				
DEC					22...	1340	--	--	38.44
18...	1100	--	--	39.35	JUL				
JAN					23...	1245	--	--	39.06
19...	1320	--	--	39.74	AUG				
FEB					25...	1340	--	--	40.52
16...	1310	--	--	39.55					
MAR									
22...	1245	--	--	39.93					



C-532



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
260251081412801	C -1092		26 02 51 N	081 41 28 W	07-07-93	1145	597	26	--
260448081411801	C -1096		26 04 48 N	081 41 18 W	07-16-93 09-01-93	1200 1150	1030 --	78 --	-- 6.09
260628081411601	C -1095		26 06 28 N	081 41 16 W	07-14-93	1200	1400	200	--
261356081461101	C -1093		26 13 56 N	081 46 11 W	07-13-93	0930	682	10	--
261435081472701	C -1094		26 14 35 N	081 47 27 W	07-14-93 09-01-93	0900 1240	554 --	34 --	-- 8.33
261802081354802	C -1097		26 18 02 N	081 35 48 W	09-01-93	1310	--	--	14.16

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
COLLIER COUNTY

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Dade County

WATER RESOURCES DATA FOR FLORIDA, 1993
VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 7

DADE COUNTY

Index Number	Site Number	Well Name	Page Number	Index Number	Site Number	Well Name	Page Number
1	254943080121501	F 45	342	40	252532080244301	G 1264	288
2	254444080144801	F 179	326	41	252947080235201	G 1270	295
3	255008080161801	F 239	345	42	254940080172002	G 1283	341
4	254217080171801	F 319	322	43	254813080161501	G 1351	330
5	252829080285101	F 358	291	44	263630080264801	G 1362	305
6	254950080180801	G 3	344	45	253233080301001	G 1363	300
7	254335080170501	G 432	324	46	254950080171202	G 1368A	343
8	254855080163701	G 548	337	47	253012080261401	G 1486	297
9	254130080234501	G 551	318	48	254054080295401	G 1487	316
10	253902080202501	G 553	311	49	254830080284201	G 1488	339
11	254841080164401	G 571	336	50	252656080350301	G 1502	306
12	254000080181001	G 580	312	51	254019080190201	G 1604	314
13	255250080270801	G 594	351	52	255707080255001	G 1637	357
14	253937080304001	G 596	309	53	254157080214001	G 3073	319
15	252425080320001	G 613	286	54	254157080214002	G 3074	320
16	253258080264301	G 614	301	55	253202080232601	G 3162	299
17	254500080360001	G 618	327	56	255027080245501	G 3253	348
18	254000080460001	G 620	313	57	255026080240302	G 3259A	346
19	253537080284401	G 757A	303	58	255027080221602	G 3264A	347
20	252928080332401	G 789	293	59	253748080343401	G 3273	308
21	255437080103201	G 852	353	60	254823080163701	G 3327	331
22	254038080280201	G 855	315	61	254741080162101	G 3328	328
23	253854080242801	G 858	310	62	254752080181501	G 3329	329
24	253718080192301	G 860	307	63	251724080341401	G 3353	282
25	252612080300701	G 864	290	64	251855080283401	G 3354	283
26	252619080310201	G 864A	289	65	252332080300501	G 3355	285
27	254107080165201	G 896	317	66	252502080253901	G 3356	287
28	255600080270001	G 968	356	67	253400080340401	G 3437	302
29	255709080223701	G 970	358	68	254421080260201	G 3439	325
30	255522080261401	G 972	354	69	254823080175201	G 3465	332
31	255209080212801	G 973	350	70	254834080171601	G 3466	334
32	255208080274001	G 975	349	71	254839080162301	G 3467	335
33	255023080202301	G 976	340	72	254248080263801	G 3473	323
34	254215080201503	G 1074B	321	73	255526080143001	S 18	355
35	255342080195501	G 1166	352	74	254832080175001	S 19	333
36	252944080233401	G 1179	294	75	254857080171101	S 68	338
37	252947080235301	G 1180	296	76	253549080214101	S 182A	304
38	252918080234201	G 1183	292	77	253029080295601	S 196A	298
39	251922080340701	G 1251	284				

VOLUME 2B: SOUTH FLORIDA

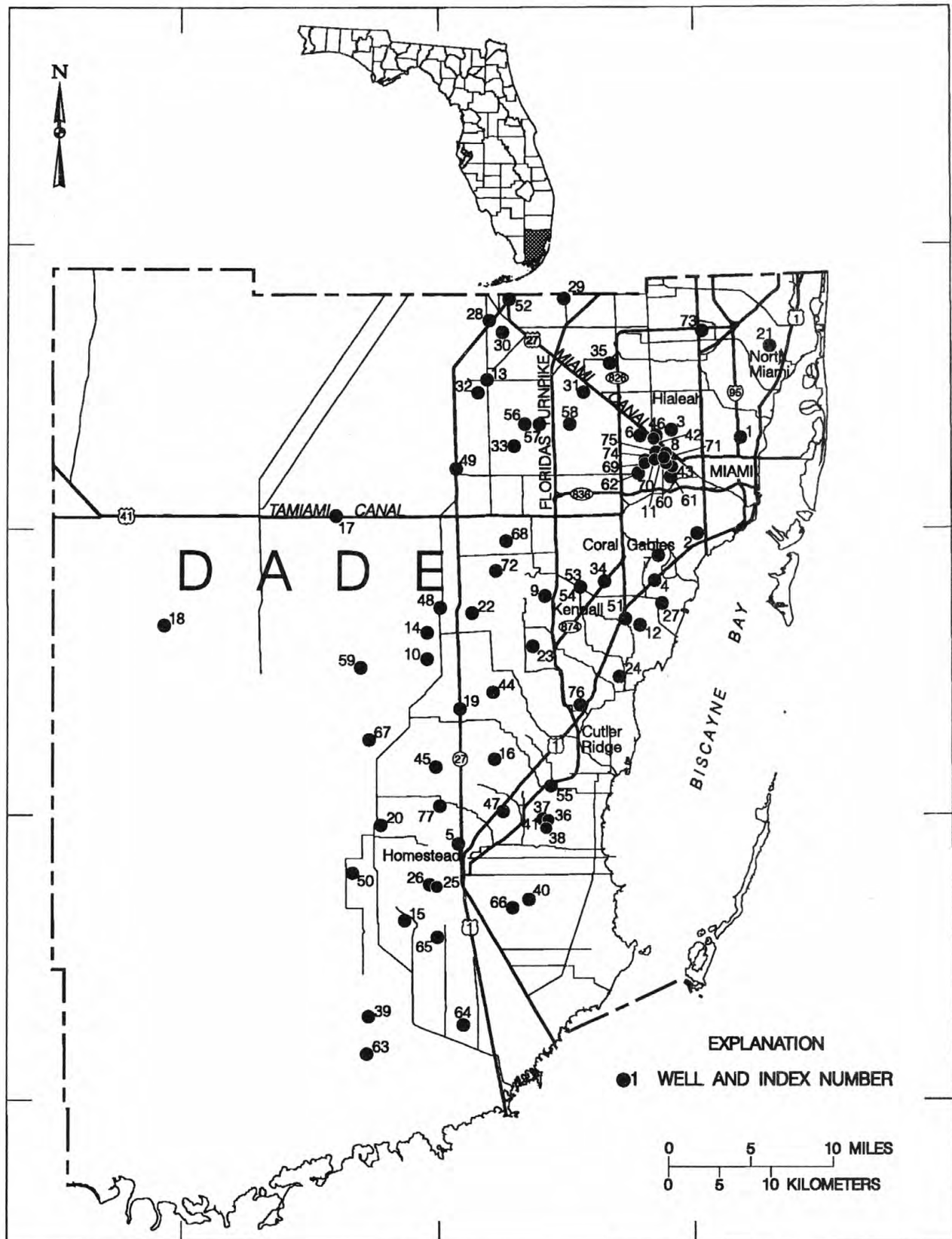


Figure 7: Location of wells in Dade County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--251724080341401. Local Number G 3353. USGS Observation Well near Florida City, FL.

LOCATION.--Lat 25°17'44", long 80°34'14", in NE1/4SW1/4SW1/4 sec.18, T.59 S., R.38 E., Hydrologic Unit 03090202, in C-111 drainage basin 2.5 mi south of L-31W canal and 7 mi west of US 1, 12.5 mi southwest of Florida City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 8 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 0.86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.85 ft above land-surface datum.

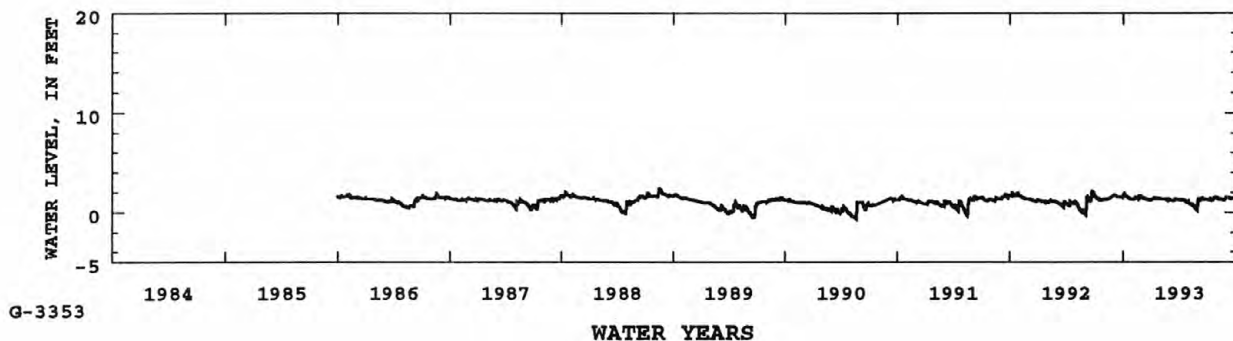
PERIOD OF RECORD.--September 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 2.39 ft NGVD, Aug. 15-16, 1988; lowest, 0.12 ft below NGVD, May 24, 1992.

STATION NUMBER 251724080341401 G -3353
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.89	1.36	1.44	1.37	1.36	1.23	1.30	.85	1.37	1.27	1.32	1.52
10	1.60	1.53	1.38	1.51	1.35	1.18	1.29	.80	1.31	1.33	1.37	1.45
15	1.55	1.43	1.33	1.42	1.32	1.23	1.20	.65	1.37	1.33	1.31	1.39
20	1.48	1.37	1.29	1.39	1.27	1.33	1.15	.46	1.34	1.41	1.25	1.43
25	1.33	1.68	1.27	1.38	1.32	1.31	.98	.27	1.30	1.43	1.23	1.46
EOM	1.34	1.51	1.23	1.39	1.29	1.27	.98	1.39	1.29	1.43	1.50	1.43
MEAN	1.54	1.46	1.34	1.40	1.33	1.27	1.17	.67	1.33	1.36	1.33	1.45
MAX	1.89	1.68	1.49	1.51	1.38	1.38	1.30	1.39	1.39	1.53	1.53	1.53
MIN	1.31	1.30	1.23	1.25	1.26	1.15	.98	.22	1.28	1.26	1.23	1.38

WTR YR 1993 MEAN 1.30 MAX 1.89 MIN .22



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

283

WELL NUMBER.--251855080283401. Local Number G 3354. USGS Observation Well near Florida City, FL.

LOCATION.--Lat 25°18'55", long 80°28'34", in NW1/4NW1/4NW1/4 sec.7, T.59 S., R.39 E., Hydrologic Unit 03090202, in C-111 drainage basin between C-109 and C-110 Canals, 1.6 mi west of US 1, and 1.15 mi north of C-111 Canal, 8.9 mi south of Florida City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 8 ft.

INSTRUMENTATION.--Digital water-level recorder.

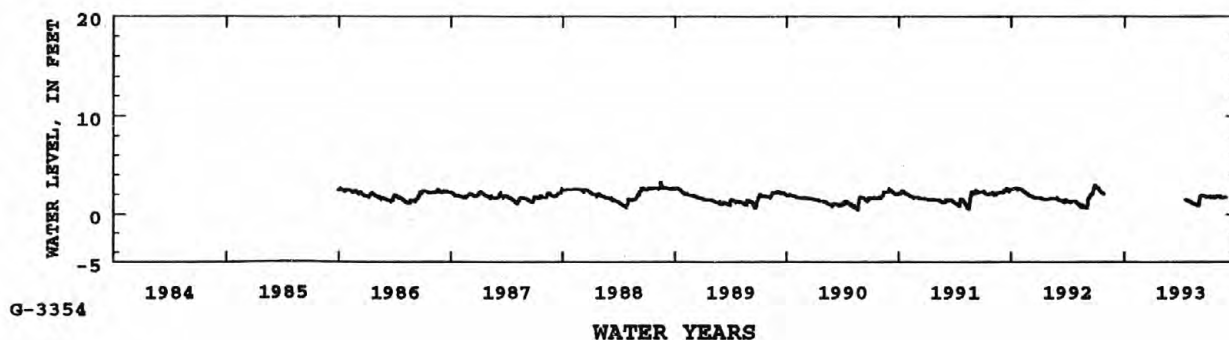
DATUM.--Land-surface datum is 0.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 7.10 ft above land-surface datum. (Corrected.)

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.24 ft NGVD, Aug. 15, 1988; lowest, 0.37 ft NGVD, May 22, 1990

STATION NUMBER 251855080283401 G -3354
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	1.48	1.22	1.87	1.79	1.80	---
10	---	---	---	---	---	1.43	1.45	1.14	1.89	1.77	1.68	---
15	---	---	---	---	---	1.43	1.38	1.06	1.85	1.73	1.71	---
20	---	---	---	---	---	1.63	1.43	.98	1.79	1.70	1.74	---
25	---	---	---	---	---	1.56	1.33	.91	1.79	1.78	1.76	---
EOM	---	---	---	---	---	1.50	1.31	1.64	1.80	1.87	---	---
MEAN	---	---	---	---	---	---	1.42	1.09	1.83	1.77	---	---
MAX	---	---	---	---	---	---	1.50	1.64	1.93	1.89	---	---
MIN	---	---	---	---	---	---	1.31	.86	1.72	1.64	---	---



DADE COUNTY

WELL NUMBER.--251922080340701. Local Number G 1251. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°19'16", long 80°33'57", in NE1/4SW1/4 sec.6, T.59 S., R.38 E., Hydrologic Unit 03090202, 2.5 mi southwest of S-18-C, 5.4 mi south of SR-997 (Krome Ave), 7 mi west of U.S. Highway 1, and 11.0 mi southwest of Homestead.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 59 ft, cased to 5 ft.

REVISED RECORDS.--WDR FL-84-2B: 1983.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 2.79 ft above National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1984, land-surface datum was considered to be 2.99 ft NGVD. See PERIOD OF RECORD. Measuring point: Top of casing, 2.00 ft above land-surface datum.

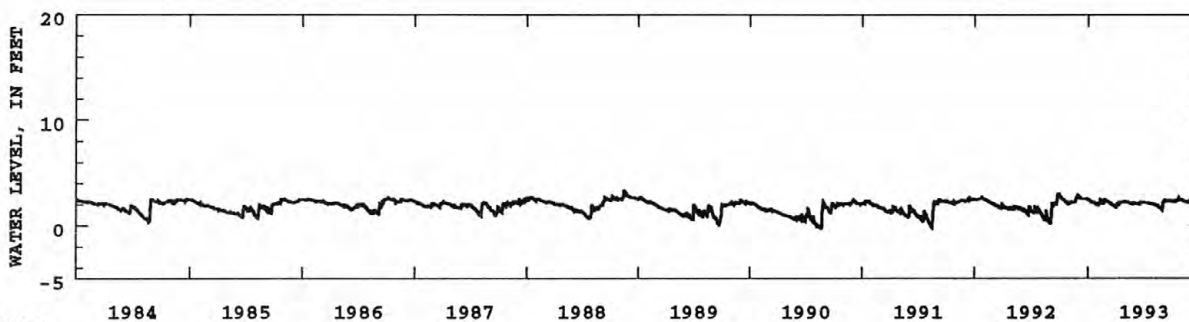
PERIOD OF RECORD.--April 1965 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water level as elevation, in feet NGVD, prior to Oct. 1, 1984 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.32 ft NGVD, Aug. 15-16, 1988; lowest, 1.76 ft below NGVD, May 30, 1965.

STATION NUMBER 251922080340701 G -1251
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

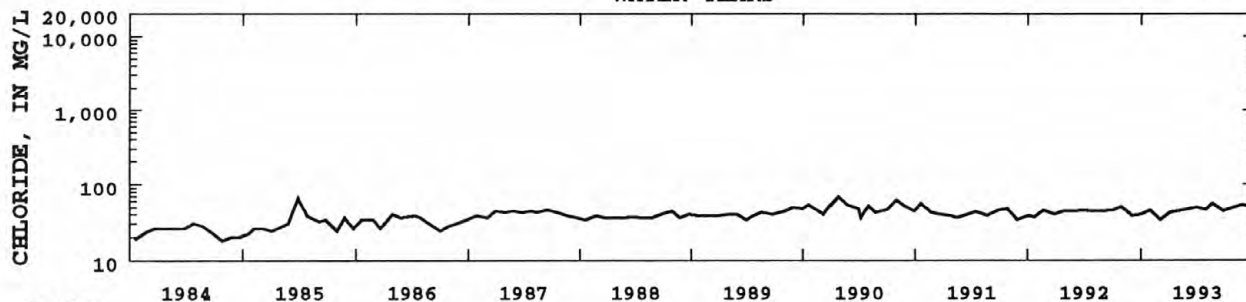
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.44	2.12	2.24	2.03	2.21	2.11	2.20	2.00	2.41	2.28	2.33	2.47
10	2.30	2.40	2.17	2.22	2.18	2.08	2.20	1.94	2.32	2.35	2.30	2.44
15	2.18	2.18	2.09	2.21	2.14	2.10	2.15	1.84	2.40	2.39	2.23	2.44
20	2.22	2.16	1.96	2.25	2.08	2.21	2.12	1.73	2.36	2.60	2.23	2.44
25	2.11	2.42	1.87	2.25	2.16	2.20	2.05	1.60	2.33	2.46	2.32	2.40
EOM	2.00	2.33	1.79	2.26	2.15	2.19	2.03	2.27	2.33	2.41	2.43	2.44
MEAN	2.24	2.23	2.05	2.18	2.16	2.15	2.13	1.85	2.35	2.40	2.31	2.44
MAX	2.50	2.45	2.32	2.29	2.25	2.22	2.20	2.27	2.44	2.60	2.48	2.52
MIN	2.00	1.96	1.79	1.79	2.07	2.06	2.03	1.53	2.27	2.25	2.20	2.39

CAL YR 1992 MEAN 1.91 MAX 3.02 MIN .14
WTR YR 1993 MEAN 2.21 MAX 2.60 MIN 1.53



G-1251

WATER YEARS



G-1251

WATER YEARS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

285

WELL NUMBER.--252332080300501. Local Number G 3355. USGS Observation Well near Florida City, FL.

LOCATION.--Lat 25°23'32", long 80°30'05", in NW1/4SW1/4SE1/4 sec.11, T.58 S., R.38 E., Hydrologic Unit 03090202, in C-111 drainage basin 2.5 mi west of US 1, and 2 mi south of US 27, 4.3 mi southwest of Florida City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 13 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

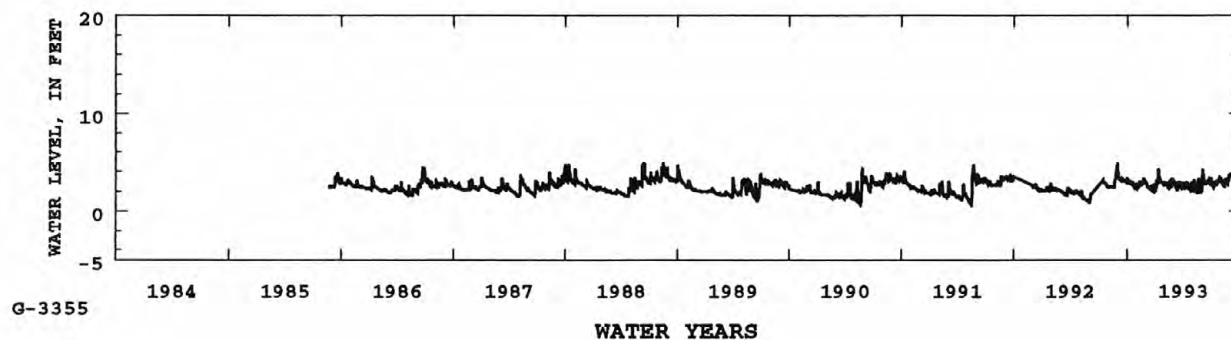
DATUM.--Land-surface datum is 2.11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 5.62 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.93 ft NGVD, Aug. 15, 1988; lowest, 0.62 ft NGVD, May 22, 1990.

STATION NUMBER 252332080300501 G -3355
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.04	2.46	2.47	3.13	2.81	2.53	2.60	2.81	3.07	2.50	2.72	---
10	2.80	2.97	2.33	3.97	2.36	2.16	2.72	2.04	2.80	2.53	2.48	---
15	2.81	2.76	2.20	3.07	3.14	2.77	2.19	1.85	2.82	2.81	3.04	---
20	2.79	2.88	2.09	2.89	2.77	2.81	2.66	2.75	2.89	2.99	2.73	---
25	2.32	3.12	2.08	2.73	2.96	2.33	2.09	1.81	3.20	3.03	3.75	2.83
EOM	2.31	2.87	2.05	2.68	3.07	2.66	2.07	4.18	2.98	3.08	3.65	2.89
MEAN	2.76	2.81	2.32	2.99	2.77	2.68	2.50	2.38	3.03	2.88	3.04	---
MAX	3.22	3.22	2.81	4.29	3.21	3.00	3.00	4.18	3.97	3.37	3.78	---
MIN	2.29	2.25	2.02	2.06	2.32	2.13	2.07	1.80	2.70	2.41	2.45	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--252425080320001. Local Number G 613. USGS Observation Well near Florida City, FL.

LOCATION.--Lat 25°24'25", long 80°32'00", in NW1/4SW1/4 in sec.3, T.58 S., R.38 E., Hydrologic Unit 03090202, on north side of State Highway 27, and 3 mi southwest of Florida City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 21 ft, cased to 18 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

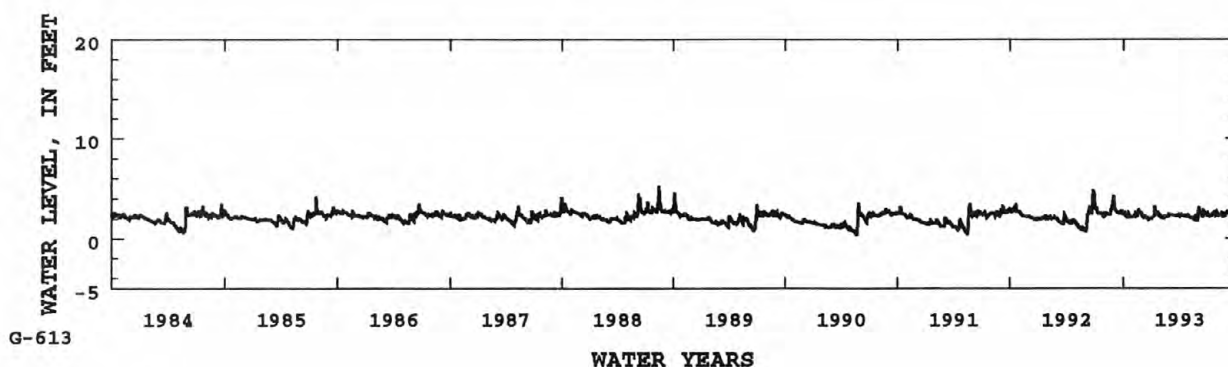
DATUM.--Land-surface datum is 6.06 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1950 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.11 ft NGVD, Sept. 23, 1960; lowest, 1.49 ft below NGVD, May 14, 1971.

STATION NUMBER 252425080320001 G - 613
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.45	2.29	2.22	---	2.08	---	2.37	2.11	2.58	2.29	2.36	2.56
10	2.24	2.52	2.17	3.12	2.13	---	2.33	2.07	2.37	2.17	2.41	2.39
15	2.12	2.27	2.06	2.44	2.22	---	2.22	1.97	2.74	2.46	2.34	2.61
20	2.28	---	1.96	2.39	2.19	---	2.26	2.14	2.59	2.65	2.37	2.41
25	2.10	2.66	2.03	2.26	---	2.29	2.18	1.87	2.54	2.32	2.26	2.25
EOM	2.19	2.37	2.04	2.14	---	2.29	2.18	3.19	2.26	2.35	2.68	2.28
MEAN	2.26	---	2.09	---	---	---	2.26	2.09	2.53	2.40	2.37	2.45
MAX	2.51	---	2.28	---	---	---	2.37	3.19	3.18	2.66	2.68	2.68
MIN	2.07	---	1.95	---	---	---	2.17	1.81	2.19	2.16	2.16	2.22



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

287

WELL NUMBER.--252502080253901. Local Number G 3356. USGS Observation Well near Florida City, FL.

LOCATION.--Lat 25°25'06", long 80°25'41", in SW1/4SW1/4SW1/4 sec.34, T.57 S., R.39 E., Hydrologic Unit 03090202, on east side of dirt road between Florida Power and Light power poles 2 mi south of Palm Drive and 1 mi west of Tallahassee Road, 3.7 mi southeast of Florida City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 13 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

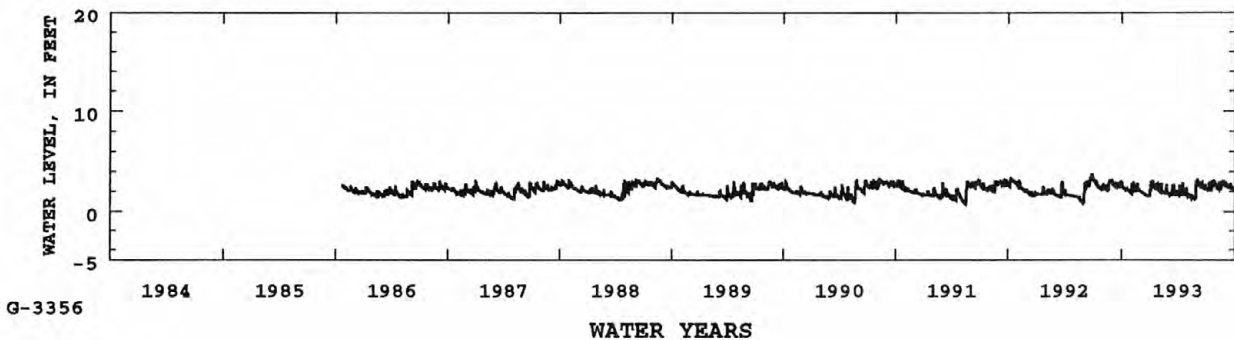
DATUM.--Land-surface datum is 2.89 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.20 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.66 ft NGVD, June 28-29, 1992; lowest, 0.79 ft NGVD, May 16, 1991.

STATION NUMBER 252502080253901 G -3356
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.45	2.04	---	3.08	2.81	1.71	2.64	1.53	2.96	2.18	2.35	2.58
10	2.31	2.69	---	2.93	1.98	1.69	1.94	1.70	2.48	2.12	2.23	2.39
15	2.22	2.11	1.71	2.48	1.86	1.80	1.78	1.38	2.33	2.20	2.37	2.51
20	2.18	2.21	1.65	2.23	1.77	1.92	1.85	1.51	2.41	3.05	2.97	2.39
25	2.09	2.22	1.62	2.88	1.94	2.08	1.66	1.39	2.40	2.46	3.05	2.36
EOM	1.89	---	1.63	2.10	1.81	1.81	1.64	3.07	2.25	2.63	2.93	2.33
MEAN	2.25	---	---	2.45	2.01	1.87	1.88	---	2.58	2.47	2.63	2.46
MAX	2.88	---	---	3.08	2.81	2.68	2.90	---	2.99	3.05	3.07	2.97
MIN	1.89	---	---	1.64	1.77	1.63	1.64	---	2.25	2.11	2.21	2.27



G-3356

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--252532080244301. Local Number G 1264. USGS Observation Well near Florida City, FL.

LOCATION.--Lat 25°25'32", long 80°24'43", in NW1/4SW1/4SW1/4 sec.35, T.57 S., R.39 E., Hydrologic Unit 03090202, on Tallahassee Road 1.5 mi south of Palm Drive and 4.5 mi west of Florida City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 59.4 ft, cased to 6.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 4.41 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

REMARKS.--Well also used for salinity monitoring.

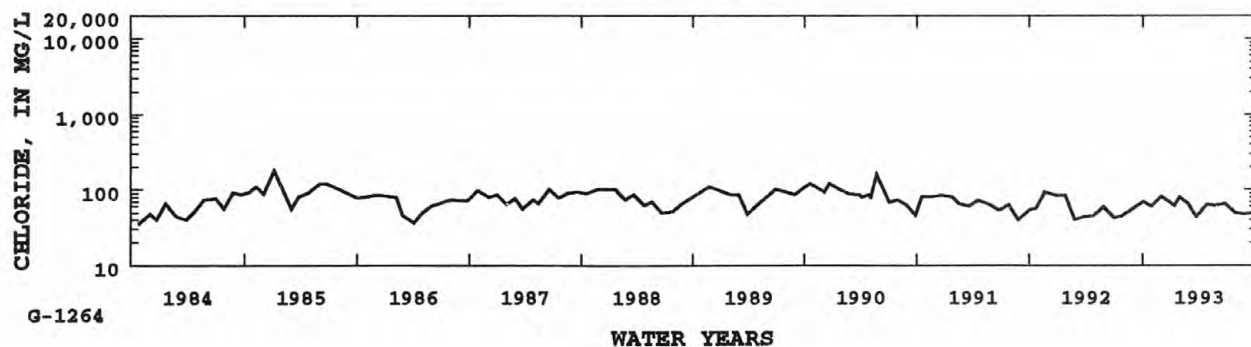
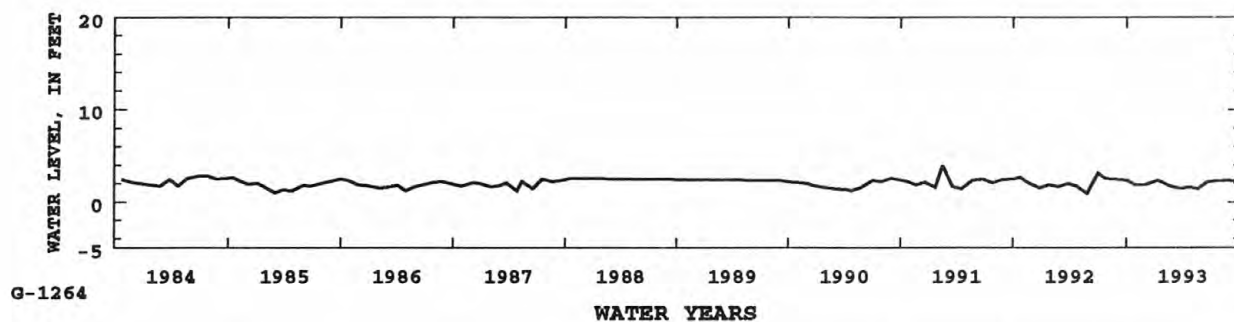
PERIOD OF RECORD.--June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.91 ft NGVD, Feb. 14, 1991; lowest measured, 0.90 ft NGVD, May 27, 1992.

252532080244301 - G -1264

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
02...	1305	662	70	2.36	26...	1115	630	64	1.54
29...	1330	620	60	1.83	MAY				
DEC					20...	1300	624	62	1.41
01...	1045	780	82	1.85	JUN				
JAN					22...	1300	674	66	2.22
11...	0930	610	62	2.37	JUL				
28...	1150	717	80	2.04	27...	0950	657	50	2.30
FEB					AUG				
22...	1102	661	66	1.65	24...	1100	603	48	2.34
MAR					SEP				
23...	1245	570	44	1.51	22...	1235	696	50	2.17



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

289

DADE COUNTY

WELL NUMBER.--252619080310201. Local Number G 864A. USGS Observation Well near Florida City, FL.

LOCATION.--Lat 25°26'08", long 80°30'32", in NW1/4NW1/4 sec.26, T.57 S., R.38 E., Hydrologic Unit 03090202, in Navy well field, 0.25 mi west of S.W. 192nd Avenue, 0.5 mi south of S.W. 352nd Street, and 2.1 mi southwest of Florida City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 9 in., depth 20 ft, cased to 7 ft.

REVISED RECORDS.--WDR FL-85-2B: 1982.

INSTRUMENTATION.--Digital water-level recorder.

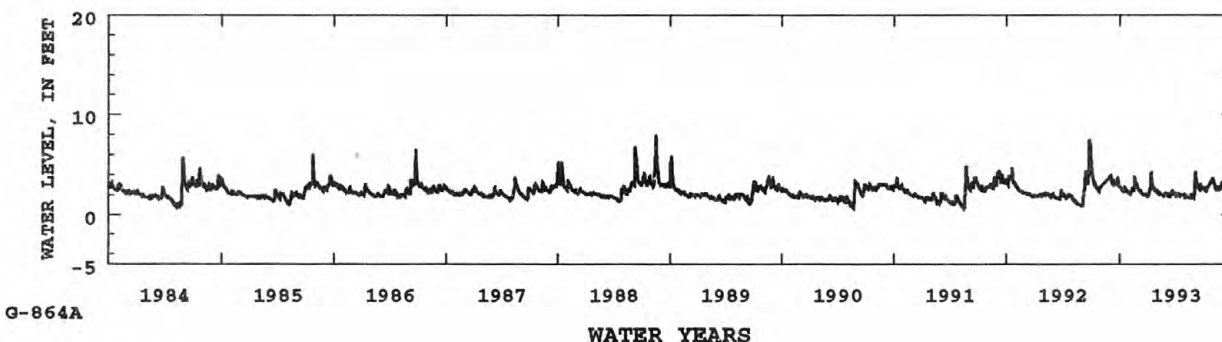
DATUM.--Land-surface datum is 8.49 ft above National Geodetic Vertical Datum of 1929. From Oct. 1, 1982 to Sept. 30, 1984, land-surface datum was considered to be 8.88 ft NGVD. See PERIOD OF RECORD. Measuring point: Top of shelter base, 0.86 ft above land-surface datum.

PERIOD OF RECORD.--January 1962 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD from Oct. 1, 1982 to Sept. 30, 1984 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.41 ft NGVD, Aug. 18, 1981; lowest, 1.11 ft below NGVD, May 6, 1975.

STATION NUMBER 252619080310201 G - 864A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	2.23	2.38	2.41	2.08	1.97	2.06	1.78	3.23	2.42	2.71	3.06
10	2.46	2.61	2.22	4.09	2.02	1.79	2.03	1.71	2.83	---	2.53	2.79
15	2.29	2.57	2.08	2.74	1.96	2.03	1.90	1.69	2.71	---	2.67	2.92
20	2.57	3.18	1.94	2.60	1.88	2.37	2.14	2.03	2.82	---	2.48	2.80
25	2.33	3.03	2.06	2.36	2.20	1.99	1.94	1.73	2.75	---	2.78	2.54
EOM	2.19	2.58	1.78	2.22	2.00	2.00	1.86	4.30	2.62	3.14	3.12	2.79
MEAN	---	2.70	2.13	2.66	2.06	2.07	2.01	1.90	2.95	---	2.79	2.85
MAX	---	3.65	2.56	4.09	2.30	2.50	2.24	4.30	4.35	---	3.37	3.24
MIN	---	2.15	1.78	1.80	1.88	1.79	1.82	1.65	2.55	---	2.48	2.50



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--252612080300701. Local Number G 864. USGS Observation Well near Florida City, FL.

LOCATION.--Lat 25°26'12", long 80°30'07", in SE1/4SW1/4 sec.26, T.57 S., R.38 E., Hydrologic Unit 03090202, near Florida Keys Aqueduct Authority well field, on State Highway 27, 0.5 mi south of Southwest 352nd Street, and 2 mi southwest of Florida City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

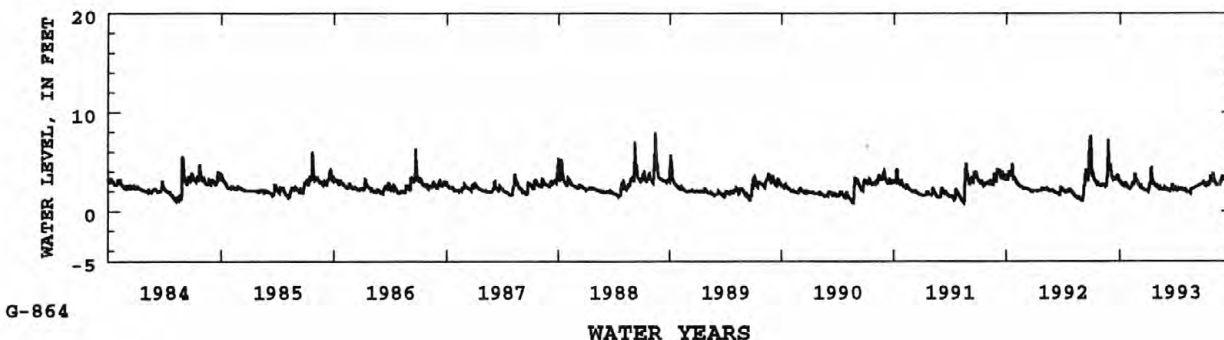
DATUM.--Land-surface datum is 8.87 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.47 ft above land-surface datum.

PERIOD OF RECORD.--January 1961 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.40 ft NGVD estimated, Aug. 18, 1981; lowest, 1.20 ft below NGVD, May 13, 1971.

STATION NUMBER 252612080300701 G - 864
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.87	2.38	2.50	2.62	2.30	2.11	2.22	1.95	---	2.57	2.81	3.22
10	2.66	2.71	2.34	4.23	2.25	2.01	2.22	1.92	---	2.70	2.64	2.93
15	2.52	2.68	2.21	2.95	2.20	2.21	2.06	1.85	---	2.75	2.71	2.99
20	2.75	3.37	2.09	2.72	2.10	2.55	2.22	2.16	---	3.17	2.61	2.85
25	2.51	3.13	2.15	2.50	2.33	2.19	2.06	---	2.83	3.13	2.94	2.70
EOM	2.32	2.69	1.98	2.45	2.21	2.15	2.05	---	2.74	3.28	3.32	2.87
MEAN	2.65	2.82	2.25	2.81	2.25	2.22	2.15	---	---	2.94	2.90	2.95
MAX	2.97	3.66	2.64	4.23	2.41	2.63	2.30	---	---	3.78	3.50	3.33
MIN	2.32	2.28	1.98	2.01	2.09	1.99	2.05	---	---	2.53	2.61	2.66



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

291

WELL NUMBER.--252829080285101. Local Number F 358. USGS Observation Well at Homestead, FL.

LOCATION.--Lat 25°28'29", long 80°28'51", in NE1/4NE1/4 sec.13, T.57 S., R.38 E., Hydrologic Unit 03090202, at Northwest 6th Street and 2nd Avenue in Homestead, and 0.2 mi west of Krome Ave.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 54 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 7.76 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 1.25 ft above land-surface datum.

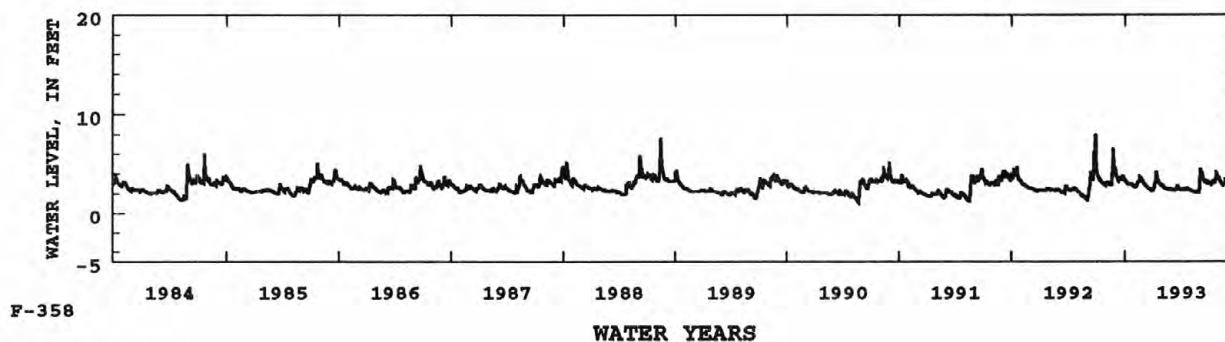
PERIOD OF RECORD.--January 1940 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.19 ft NGVD, Oct. 5, 1948; lowest 1.18 ft below NGVD, June 13, 1971.

STATION NUMBER 252829080285101 F - 358
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.26	2.71	2.95	3.08	2.57	2.38	2.43	2.28	3.91	2.99	3.26	3.64
10	3.05	3.08	2.73	4.17	2.52	2.33	2.43	2.23	3.54	3.08	2.99	3.52
15	2.97	3.14	2.59	3.34	2.48	2.44	2.35	2.18	3.13	3.26	3.01	3.39
20	3.02	3.57	2.46	3.11	2.41	2.77	2.55	2.26	3.30	3.57	2.96	3.31
25	2.91	3.41	2.43	2.88	2.51	2.45	2.40	2.15	3.07	3.76	3.17	3.13
EOM	2.70	3.13	2.33	2.81	2.45	2.39	2.36	4.50	3.07	3.59	3.79	3.28
MEAN	3.03	3.16	2.62	3.14	2.52	2.48	2.43	2.34	3.46	3.33	3.24	3.39
MAX	3.36	3.68	3.08	4.17	2.76	2.78	2.61	4.50	4.54	4.05	3.79	3.76
MIN	2.70	2.64	2.33	2.33	2.40	2.32	2.34	2.12	3.07	2.95	2.95	3.12

CAL YR 1992 MEAN 2.90 MAX 7.98 MIN 1.38
WTR YR 1993 MEAN 2.93 MAX 4.54 MIN 2.12



DADE COUNTY

WELL NUMBER.--252918080234201. Local Number G 1183. USGS Observation Well in Homestead, FL.

LOCATION.--Lat 25°29'18", long 80°23'42", in SW1/4NW1/4 sec.12, T.57 S., R.39 E., Hydrologic Unit 03090202, in Homestead Air Force Base, 3.0 mi southeast of U.S. Highway 1, and 5.0 mi east of Homestead.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 9 in., depth 47 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 6.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.38 ft above land-surface datum.

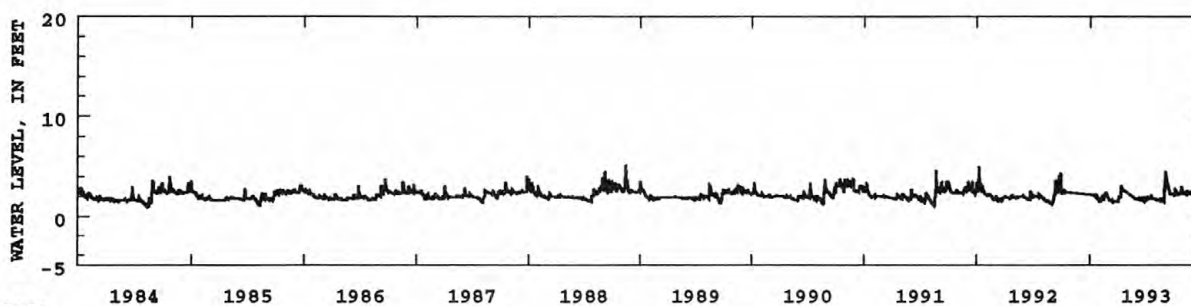
REMARKS.--Prior to Nov. 12, 1992 digital water-level recorder.

PERIOD OF RECORD.--January 1969 to current year. Records of water levels prior to October 1973, are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.59 ft NGVD, August 18, 1981; lowest, 0.83 ft below NGVD, May 12, 1971.

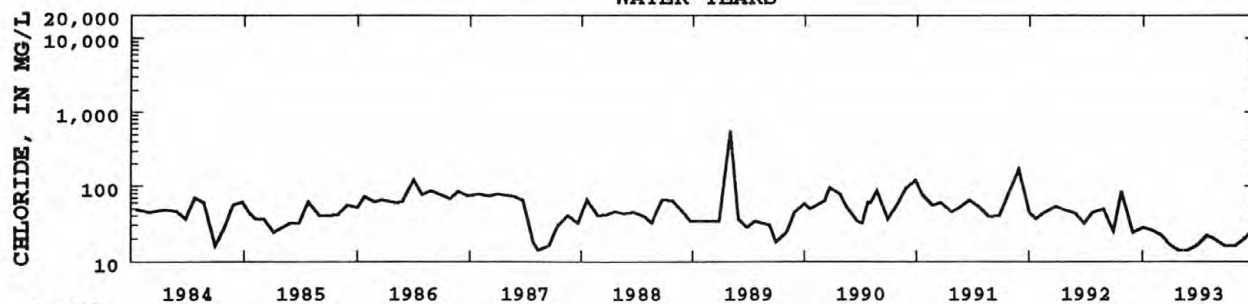
STATION NUMBER 252918080234201 G -1183
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	1.52	1.57	1.93	---	1.74	2.07	1.65	---	2.29	2.28	2.39
10	---	2.20	1.58	2.82	---	1.76	1.85	1.60	---	2.25	2.28	2.33
15	2.17	1.73	1.53	---	---	1.76	1.78	1.57	2.28	2.28	2.24	2.45
20	2.01	2.37	1.52	---	---	1.65	1.82	1.63	2.27	2.40	2.24	2.32
25	1.86	---	1.49	---	1.77	1.57	1.77	1.54	2.24	2.44	2.45	2.27
EOM	1.53	---	1.47	---	1.75	1.73	1.71	4.49	2.19	2.51	2.73	2.33
MEAN	---	---	---	---	---	1.74	1.81	1.80	---	2.40	2.35	2.39
MAX	---	---	---	---	---	2.00	2.20	4.49	---	3.01	2.87	2.84
MIN	---	---	---	---	---	1.53	1.66	1.48	---	2.21	2.21	2.26



G-1183

WATER YEARS



G-1183

WATER YEARS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

293

WELL NUMBER.--252928080332401. Local Number G 789. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°29'28", long 80°33'24", in SE1/4SE1/4 sec.6, T.57 S., R.38 E., Hydrologic Unit 03090202, at Homestead General Airport on north side of Avocado Drive, 3.5 mi northwest of Homestead, and 4.0 mi west of Krome Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

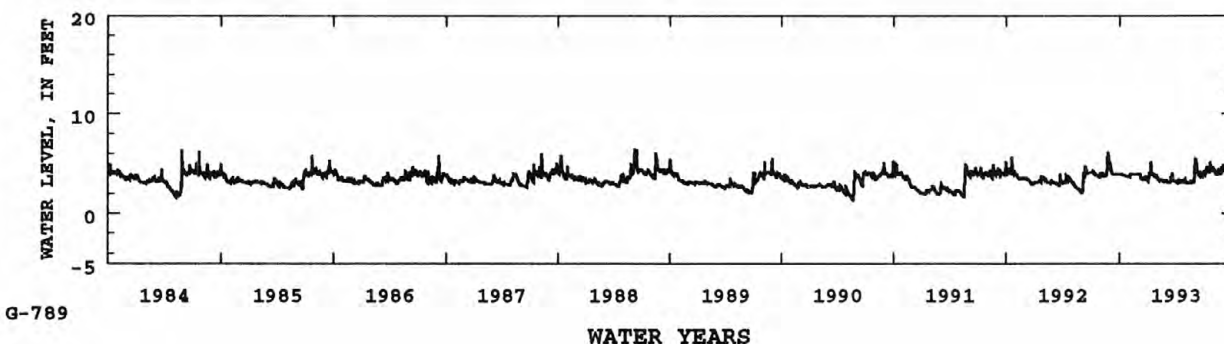
DATUM.--Land-surface datum is 6.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1956 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.73 ft NGVD, Aug. 18, 1981; lowest, 0.90 ft below NGVD, May 8, 1975.

STATION NUMBER 252928080332401 G - 789
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	3.90	3.84	4.05	3.39	3.18	3.29	3.10	4.56	3.98	4.03	4.32
10	3.85	---	3.53	4.74	3.41	3.14	3.27	3.10	3.95	4.09	3.88	4.05
15	---	---	3.40	3.80	3.32	3.40	3.08	3.06	4.24	4.10	4.29	4.40
20	---	---	3.41	3.75	3.24	3.48	3.29	3.25	3.95	4.69	3.99	4.22
25	---	---	3.52	3.70	3.33	3.26	3.17	3.18	3.92	4.29	4.55	4.15
EOM	3.67	---	3.31	3.51	3.32	3.21	3.29	5.51	3.93	4.43	4.72	4.17
MEAN	---	---	---	3.86	3.35	3.33	3.24	3.28	4.17	4.28	4.17	4.25
MAX	---	---	---	5.14	3.47	4.04	3.39	5.51	5.41	5.14	4.88	4.49
MIN	---	---	---	3.33	3.24	3.09	3.08	3.05	3.73	3.87	3.85	4.05



DADE COUNTY

WELL NUMBER.--252944080233401. Local Number G 1179. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°29'44", long 80°23'34", in NE1/4SW1/4SW1/4 sec.1, T.57 S., R.39 E., Hydrologic Unit 03090202, 23 mi southwest of Miami, 3 mi southeast of U.S. Highway 1, next to arts and crafts building at Homestead Air Force Base.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 51 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

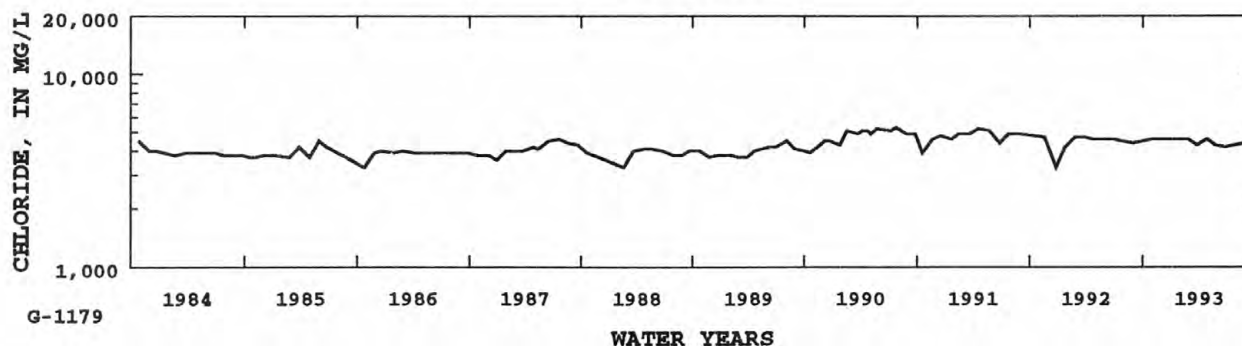
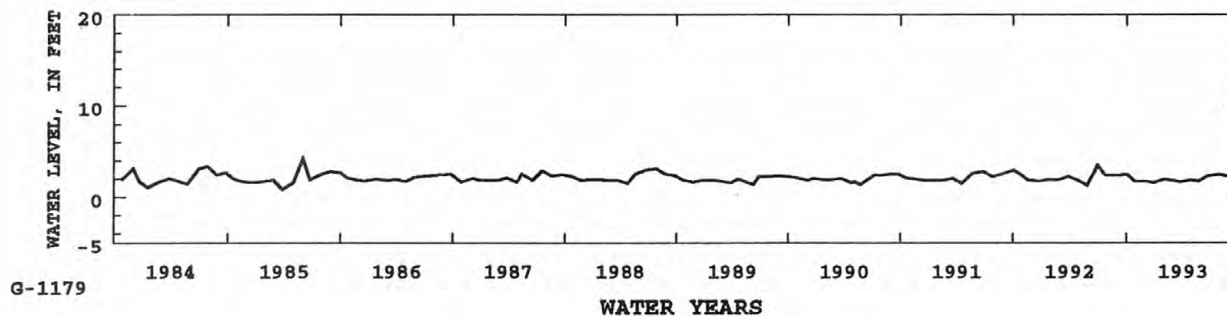
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.22 ft NGVD, May 31, 1985; lowest measured, 0.87 ft NGVD, Mar. 27, 1985.

252944080233401 - G -1179

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
02...	1155	13700	4500	2.48	26...	1000	13500	4600	1.87
29...	1140	14000	4600	1.73	MAY				
DEC					20...	1110	12400	4300	1.73
01...	0945	13800	4600	1.71	JUN				
30...	0825	13600	4600	1.57	22...	1045	12300	4200	2.33
JAN					JUL				
28...	1010	13700	4600	1.90	26...	1130	13300	4300	2.46
FEB					AUG				
22...	1255	13500	4600	1.86	24...	1245	12200	4400	2.30
MAR					SEP				
23...	1101	13300	4300	1.65	22...	1055	12200	4400	2.36



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

295

WELL NUMBER.--252947080235201. Local Number G 1270. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°29'47", long 80°23'52", in SE1/4NE1/4SE1/4 sec.7, T.57 S., R.39 E., Hydrologic Unit 03090202, 23 mi southwest of Miami, 3 mi southeast of U.S. Highway 1, at base of water tower at Homestead Air Force Base.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 27 ft, cased to 3.1 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

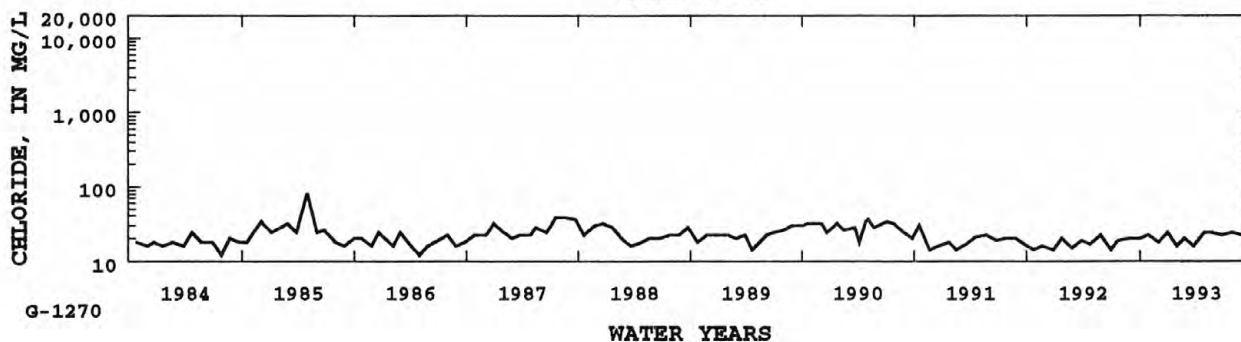
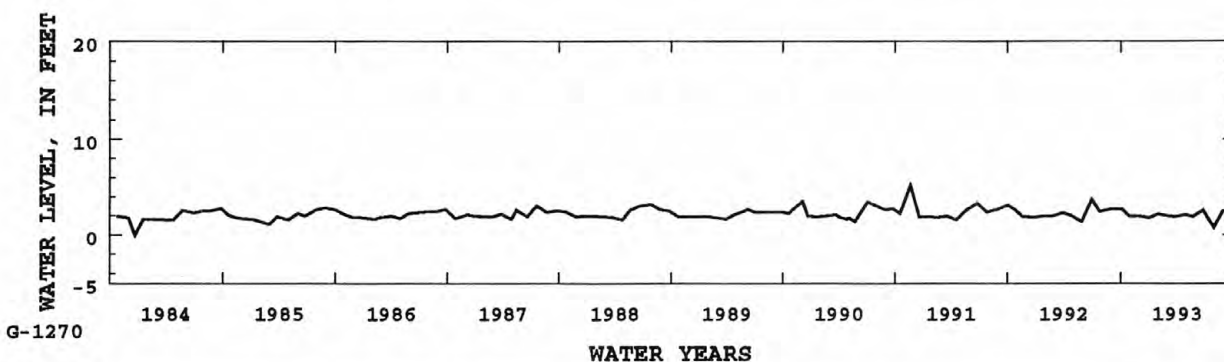
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--January 1965 to July 1977 (daily). June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.21 ft NGVD, Aug. 19, 1976; lowest water level measured, 0.1 ft below NGVD, Dec. 12, 1983.

252947080235201 - G -1270

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS CL)	(FEET)	AS CL)	(FEET)	(FEET)	AS CL)	(FEET)	AS CL)	(FEET)	(FEET)
OCT					APR				
02...	1145	428	20	2.70	26...	0910	460	24	2.08
29...	1120	440	22	1.95	MAY				
DEC					20...	1130	551	24	1.92
01...	0940	484	18	1.95	JUN				
30...	0840	456	24	1.78	22...	1110	480	22	2.54
JAN					JUL				
28...	0951	585	16	2.15	26...	1150	460	24	0.71
FEB					AUG				
22...	1310	454	20	2.05	24...	0930	573	22	2.50
MAR					SEP				
23...	1120	477	16	1.87	22...	1045	460	18	2.57



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--252947080235301. Local Number G 1180. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°29'47", long 80°23'53", in SW1/4NE1/4 sec.2, T.53 S., R.57 E., Hydrologic Unit 03090202, 23 mi southwest of Miami, 3 mi southeast of U.S. Highway 1, in fuel storage area at Homestead Air Force Base.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 67 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

REMARKS.--Well also used for salinity monitoring.

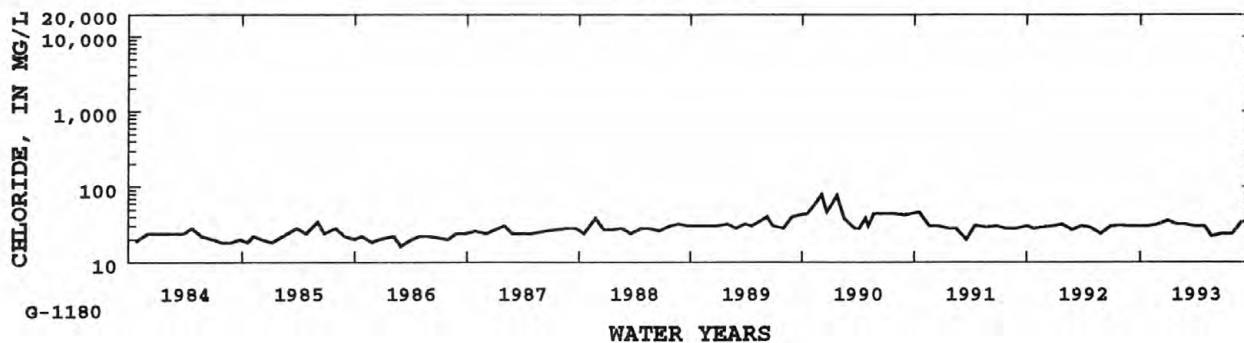
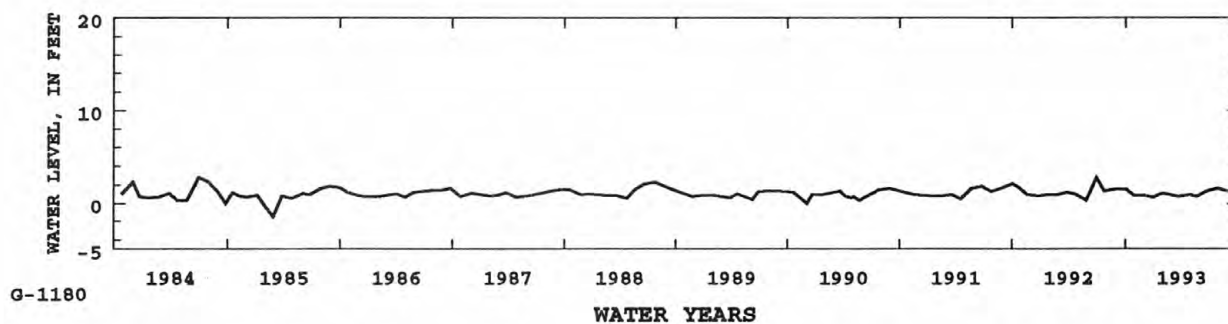
PERIOD OF RECORD.--June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.70 ft NGVD, July 28, 1983; lowest measured, .04 ft below NGVD, Dec. 5, 1989.

252947080235301 - G -1180

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
02...	1125	585	30	1.59	26...	0945	580	30	0.92
29...	1100	595	30	0.85	MAY				
DEC					20...	1200	530	22	0.74
01...	0930	605	32	0.89	JUN				
30...	0900	601	36	0.65	22...	1140	530	24	1.39
JAN					JUL				
28...	1020	582	32	1.07	26...	1025	515	24	1.61
FEB					AUG				
22...	1315	585	32	0.90	24...	0955	585	34	1.36
MAR					SEP				
23...	1035	590	30	0.73	22...	1020	585	36	1.46



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

297

DADE COUNTY

WELL NUMBER.--253012080261401. Local Number G 1486. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°30'12", long 80°26'14", in NE1/4NW1/4 sec.4, T.47 S., R.39 E., Hydrologic Unit 03090202, 50 ft west of Newton Road, 1000 ft south of Waldin Drive, 0.3 mi east of U.S. Highway 1, and 3.0 mi northeast of Homestead.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

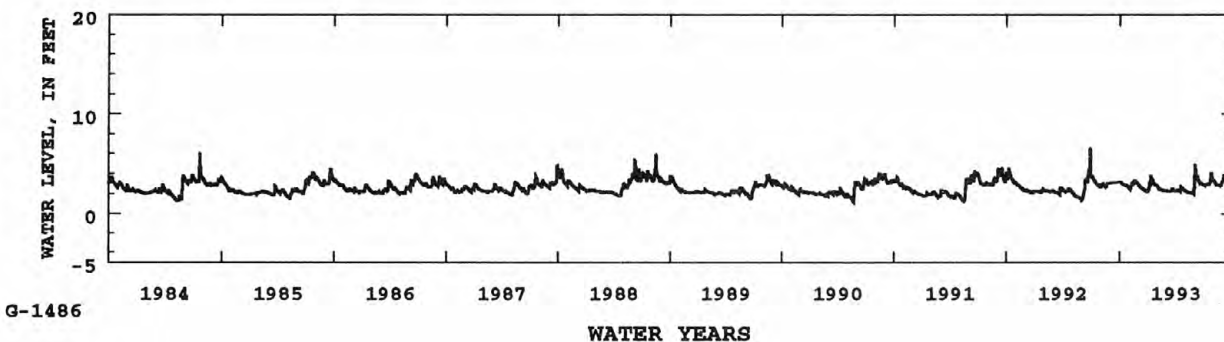
DATUM.--Land-surface datum is 10.39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter base, 2.68 ft above land-surface datum.

PERIOD OF RECORD.--May 1970 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.87 ft NGVD, Aug. 18, 1981; lowest, 0.82 ft below NGVD, May 13, 1971.

STATION NUMBER 253012080261401 G -1486
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.14	2.52	2.71	3.03	2.48	2.27	2.36	2.24	3.75	2.87	3.08	3.57
10	2.97	3.05	2.59	3.76	2.41	2.23	2.34	2.15	3.53	2.96	2.88	3.25
15	2.91	3.03	2.46	3.42	2.38	2.30	2.29	2.12	3.09	2.98	2.85	3.26
20	2.80	3.29	2.37	2.98	2.33	2.45	2.54	2.10	3.08	3.36	2.80	3.23
25	2.78	3.13	2.27	2.83	2.34	2.32	2.40	2.06	2.91	3.76	2.97	3.04
EOM	2.56	2.92	2.21	2.71	2.32	2.30	2.31	4.93	2.91	3.31	3.49	3.15
MEAN	---	2.97	2.47	3.01	2.41	2.32	2.39	2.28	3.33	3.17	3.00	3.28
MAX	---	3.30	2.88	3.76	2.66	2.45	2.63	4.93	4.89	4.02	3.49	3.68
MIN	---	2.47	2.21	2.21	2.31	2.22	2.23	2.02	2.91	2.83	2.80	3.00



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--253029080295601. Local Number S 196A. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°30'29", long 80°29'56", in SW1/4SE1/4 sec.35, T.56 S., R.38 E., Hydrologic Unit 03090202, at Institute of Food and Agricultural Science Station on Waldin Drive, 3.3 mi northwest of Homestead, and 4.3 mi west of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 20 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

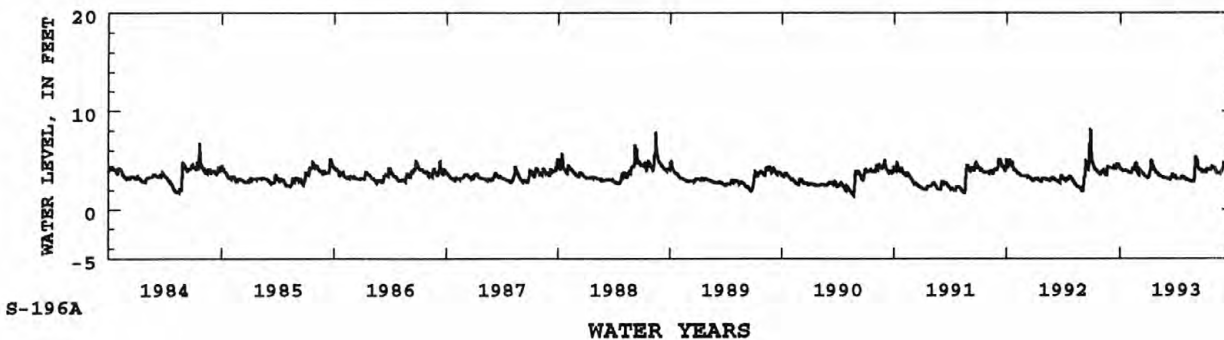
DATUM.--Land-surface datum is 10.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.15 ft above land-surface datum.

PERIOD OF RECORD.--January 1932 to current year. Records of water levels prior to January 1956 were published under well number S 196.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.63 ft NGVD, Aug. 18, 1981; lowest, 1.64 ft below NGVD, May 20, 1971.

STATION NUMBER 253029080295601 S - 196A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.05	3.69	3.97	3.73	3.38	3.10	---	3.01	5.01	3.76	3.99	---
10	3.89	3.97	3.73	5.02	3.25	3.06	3.10	2.94	4.39	4.04	3.67	4.27
15	3.83	4.14	3.58	4.33	3.27	3.20	3.04	2.87	3.91	4.05	3.74	4.36
20	3.90	4.53	3.36	4.05	3.18	3.51	3.33	2.89	3.98	4.00	3.67	4.24
25	3.83	4.49	3.30	3.74	3.23	3.23	3.19	2.84	3.82	4.32	3.82	4.09
EOM	3.70	3.60	3.15	3.62	---	3.18	3.11	5.22	3.86	4.25	4.67	4.11
MEAN	3.89	4.04	3.54	4.01	---	---	---	3.02	4.27	4.05	---	---
MAX	4.18	4.59	4.04	5.02	---	---	---	5.22	5.41	4.32	---	---
MIN	3.70	3.60	3.15	3.14	---	---	---	2.82	3.75	3.74	---	---



DADE COUNTY

WELL NUMBER.--253202080232601. Local Number G 3162. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°31'32", long 80°23'25", in NE1/4SE1/4SW1/4 sec.25, T.56 S., R.39 E., Hydrologic Unit 03090202, on south side of Princeton Canal near power pole 124U3, .25 mi east of 125th Avenue, 6.8 mi northeast of Homestead and 1.5 mi southwest of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.5 in., depth 92 ft, cased to 82 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.78 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

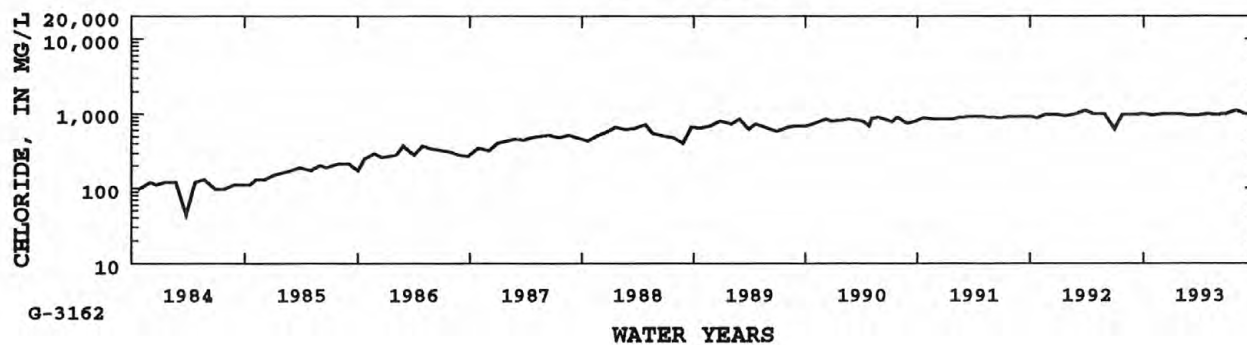
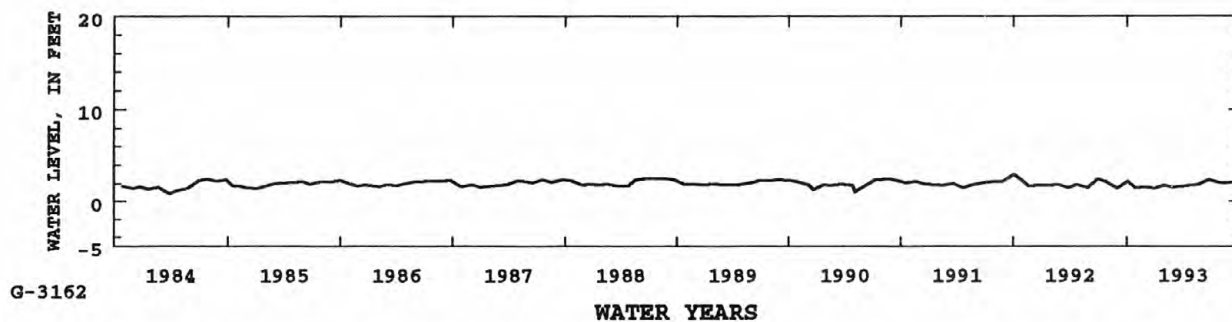
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.94 ft NGVD, Oct. 2, 1991; lowest measured, 0.89 ft NGVD, Mar. 26, 1984.

253202080232601 - G -3162

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS CL)	(FEET)				AS CL)	(FEET)			
OCT					APR				
02...	1230	3390	1000	2.17	26...	1030	3400	1000	1.78
29...	1225	3400	960	1.52	MAY				
DEC					20...	1215	3150	980	1.81
01...	1015	3500	1000	1.55	JUN				
30...	0910	3500	1000	1.43	22...	1200	3450	1000	2.42
JAN					JUL				
28...	1040	3450	1000	1.77	26...	1235	3030	1100	2.05
FEB					AUG				
22...	1330	3390	960	1.58	24...	1015	3440	1000	2.05
MAR					SEP				
23...	1155	3330	960	1.61	22...	1205	3400	1000	2.20



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--253233080301001. Local Number G 1363. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°32'33", long 80°30'10", in SW1/4NE1/4 sec.23, T.56 S., R.38 E., Hydrologic Unit 03090202, on Albury Drive, 1.5 mi west of State Highway 27, and 5.4 mi northwest of Homestead.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 33 ft, cased to 12 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.78 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.66 ft above land-surface datum.

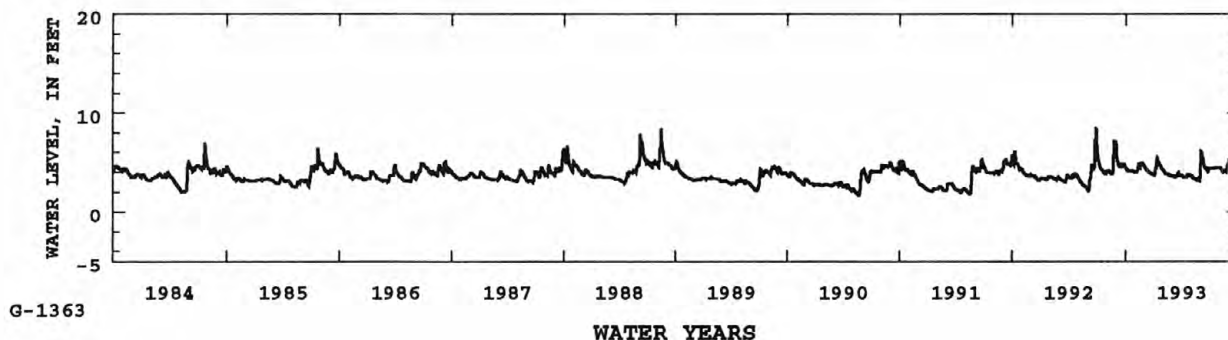
PERIOD OF RECORD.--November 1968 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.80 ft NGVD (estimated), Aug. 18, 1981; lowest, 0.70 ft below NGVD, May 15, 1971.

STATION NUMBER 253233080301001 G -1363
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.26	3.98	4.32	4.18	3.90	3.60	3.51	3.45	5.51	---	4.33	5.01
10	4.10	4.44	4.14	5.37	3.86	3.53	3.50	3.35	4.85	---	4.07	4.66
15	4.09	4.50	3.98	4.95	3.81	3.62	3.47	3.29	4.38	---	4.11	4.97
20	4.14	4.85	3.89	4.66	3.69	3.88	3.78	3.24	4.31	---	4.11	4.80
25	4.09	4.89	3.80	4.32	3.66	3.64	3.70	3.24	4.15	---	4.45	4.52
EOM	3.98	4.61	3.70	4.16	3.66	3.66	3.60	5.79	---	4.39	5.28	4.49
MEAN	4.13	4.50	4.03	4.52	3.80	3.66	3.60	3.43	---	---	4.31	4.83
MAX	4.42	4.92	4.56	5.37	4.12	3.88	3.78	5.79	---	---	5.28	5.25
MIN	3.98	3.93	3.70	3.68	3.65	3.50	3.47	3.19	---	---	4.03	4.45

CAL YR 1992 MEAN 3.97 MAX 8.33 MIN 2.17



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

301

DADE COUNTY

WELL NUMBER.--253258080264301. Local Number G 614. USGS Observation Well at Goulds, FL.

LOCATION.--Lat 25°32'58", long 80°26'43", in NW1/4NW1/4 sec.21, T.56 S., R.39 E., Hydrologic Unit 03090202, at southeast corner of Newton Road and Silver Palm Drive in Goulds, and 3.0 mi west of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft, cased to 18 ft.

REVISED RECORDS.--WDR FL-85-2B: 1981.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 11.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.05 ft above land-surface datum.

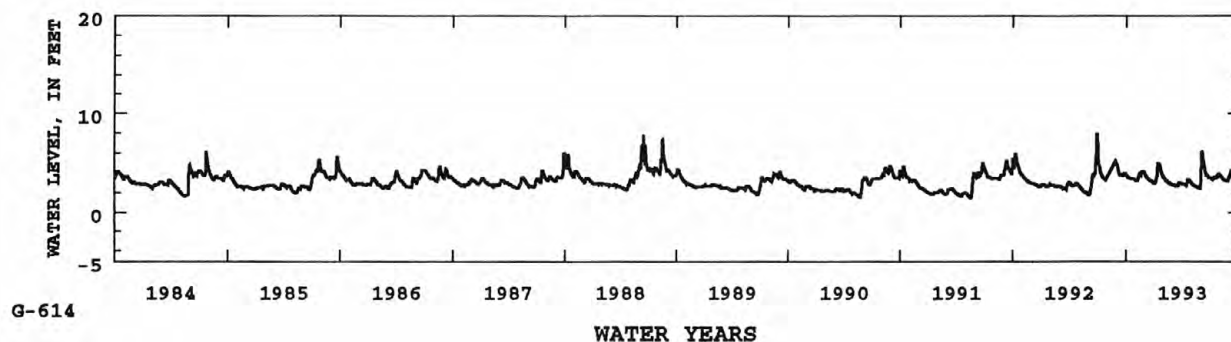
PERIOD OF RECORD.--January 1950 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.04 ft NGVD, Aug. 18, 1981; lowest, 0.62 ft below NGVD, May 14, 1971.

STATION NUMBER 253258080264301 G - 614
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.56	3.18	3.54	3.21	3.19	2.72	2.82	2.74	5.36	3.35	3.46	4.26
10	3.43	3.56	3.37	4.89	3.06	2.66	2.80	2.64	4.44	3.44	3.31	4.01
15	3.40	3.87	3.23	4.77	2.95	2.67	2.75	2.57	3.76	3.55	3.22	4.11
20	3.36	4.08	3.12	4.21	2.83	2.92	3.24	2.51	3.69	3.50	3.18	4.11
25	3.35	4.13	2.94	3.72	2.79	2.89	3.08	2.47	3.46	3.83	3.27	3.80
EOM	3.20	3.85	2.85	3.43	2.77	2.86	2.88	5.79	3.45	3.59	3.76	3.76
MEAN	3.42	3.73	3.23	3.94	2.99	2.78	2.96	2.74	4.22	3.55	3.35	4.01
MAX	3.74	4.15	3.79	4.91	3.42	2.93	3.26	5.79	6.17	3.83	3.76	4.26
MIN	3.20	3.14	2.85	2.83	2.77	2.64	2.75	2.45	3.45	3.31	3.17	3.70

WTR YR 1993 MEAN 3.41 MAX 6.17 MIN 2.45



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--253400080340401. Local Number G 3437. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°34'00", long 80°34'04", in SE1/4SW1/4 sec.7, T.56 S., R.38 E., Hydrologic Unit 03090202, 1.5 mi west of Levee 31, 0.2 mi north of S.W. 216th Ave. and 10 mi northwest of Homestead. Owner: U.S. Geological Survey.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in., depth 12.5 ft, cased to 12.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 1.00 ft above land-surface datum.

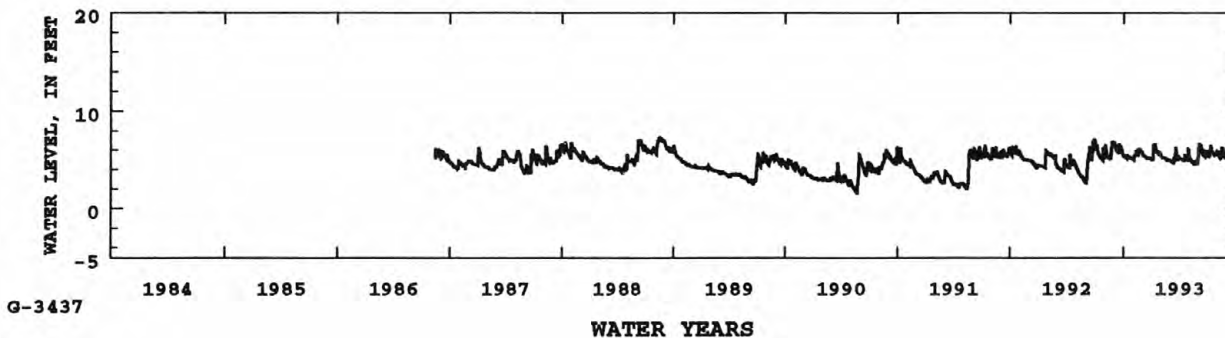
PERIOD OF RECORD.--October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.23 ft NGVD, Aug. 16, 17, 1988; lowest, 1.54 ft NGVD, May 23, 1990.

STATION NUMBER 253400080340401 G -3437
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.35	5.36	5.39	6.38	5.19	4.82	5.09	4.96	6.47	5.67	5.29	6.02
10	5.16	5.92	5.31	6.56	5.20	4.69	5.05	4.73	5.79	5.85	5.21	6.34
15	5.21	5.51	5.16	5.89	5.03	5.10	4.83	4.58	5.42	5.72	5.86	6.15
20	5.29	6.13	5.18	5.69	4.92	5.21	5.16	4.86	5.33	5.60	5.41	5.80
25	5.11	5.94	5.15	5.50	4.97	5.40	4.94	4.64	5.67	5.46	5.37	5.75
DOM	5.04	5.69	5.02	5.35	4.93	5.10	5.32	6.66	5.45	5.74	6.72	5.59
MEAN	5.22	5.68	5.24	5.74	5.07	5.09	5.15	4.90	5.80	5.75	5.63	5.97
MAX	5.58	6.19	5.61	6.56	5.31	6.29	6.00	6.66	6.66	6.46	6.72	6.53
MIN	5.04	5.02	5.02	4.98	4.92	4.68	4.83	4.51	5.24	5.39	5.15	5.59

CAL YR 1992 MEAN 5.10 MAX 7.05 MIN 2.58
WTR YR 1993 MEAN 5.44 MAX 6.72 MIN 4.51



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

303

DADE COUNTY

WELL NUMBER.--253537080284401. Local Number G 757A. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°35'37", long 80°28'44", in NE1/4NE1/4 sec.1, T.56 S., R.38 E., Hydrologic Unit 03090202, at southwest corner of Eureka Drive and Krome Avenue, and 8.7 mi north of Homestead.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 33 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.06 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.50 ft above land-surface datum.

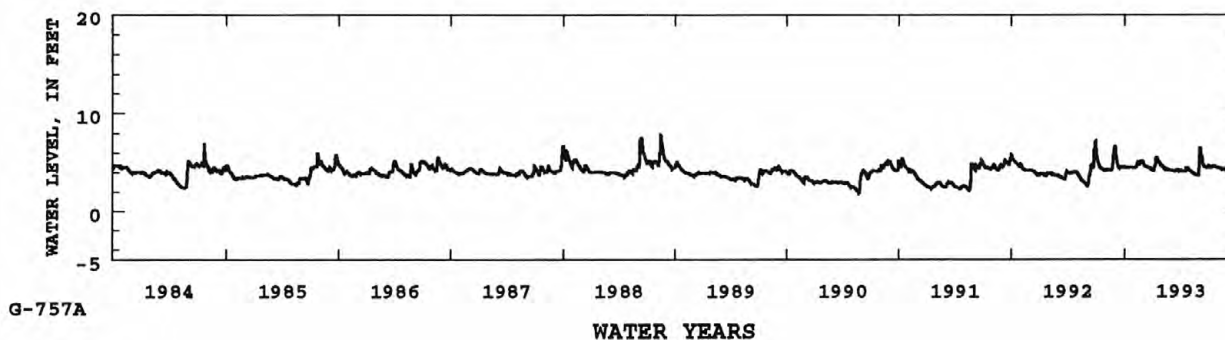
PERIOD OF RECORD.--January 1956 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.60 ft NGVD, Sept. 10, 1960; lowest, 0.00 ft NGVD, May 14, 1971.

STATION NUMBER 253537080284401 G - 757A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.51	4.48	4.59	4.53	4.37	4.13	4.08	3.94	5.67	4.46	4.38	5.11
10	4.45	4.86	4.54	5.50	4.39	4.07	4.05	3.84	4.95	4.58	4.27	4.93
15	4.48	4.84	4.48	5.16	4.32	4.13	3.99	3.75	4.50	4.62	4.38	5.35
20	4.53	5.01	4.46	5.00	4.22	4.24	4.45	3.71	4.51	4.55	4.26	5.17
25	4.48	5.16	4.28	4.73	4.21	4.08	4.25	3.68	4.47	4.50	4.26	4.89
EOM	4.42	4.95	4.17	4.55	4.19	4.19	4.13	6.49	4.53	4.44	4.95	4.77
MEAN	4.47	4.85	4.47	4.85	4.32	4.14	4.19	3.96	4.93	4.52	4.37	5.06
MAX	4.53	5.17	4.89	5.50	4.54	4.26	4.46	6.49	6.53	4.63	4.95	5.37
MIN	4.42	4.41	4.17	4.14	4.19	4.03	3.99	3.67	4.46	4.44	4.16	4.77

WTR YR 1993 MEAN 4.51 MAX 6.53 MIN 3.67



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--253549080214101. Local Number S 182A. USGS Observation Well near Peters, FL.

LOCATION.--Lat 25°35'49", long 80°21'41", in NW1/4NW1/4 sec.5, T.56 S., R.40 E., Hydrologic Unit 03090202, north of Quail Roost Drive, 0.4 mi west of U.S. Highway 1, 0.5 mi west of Peters, and 16.4 mi southwest of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 51 ft.

REVISED RECORDS.--WDR FL-84-2B: 1983.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 11.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.39 ft above land-surface datum.

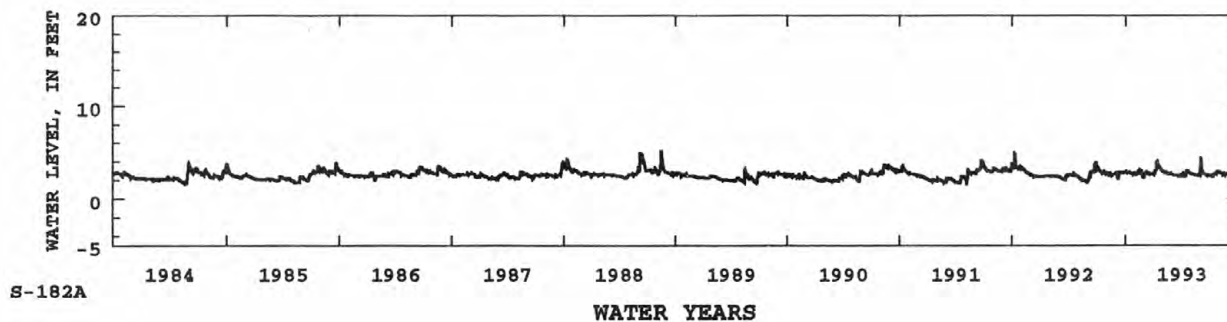
PERIOD OF RECORD.--January 1940 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.70 ft NGVD, Sept. 10, 1960; lowest, 0.44 ft below NGVD, June 21, 1945.

STATION NUMBER 253549080214101 S - 182A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.82	2.63	2.77	3.00	2.82	2.47	2.70	2.63	2.89	2.41	2.74	2.92
10	2.81	2.85	2.74	3.91	2.82	2.50	2.59	2.59	2.67	2.36	2.64	3.16
15	2.79	2.82	2.72	3.64	2.53	2.50	2.60	2.52	2.57	2.64	2.61	3.14
20	2.69	3.03	2.60	3.27	2.58	2.32	2.98	2.51	2.62	2.66	2.59	3.07
25	2.65	2.40	2.53	3.09	2.58	2.38	2.81	2.44	2.53	2.91	2.70	2.97
EOM	2.60	2.27	2.57	2.91	2.61	2.65	2.55	4.40	2.53	2.80	2.70	3.27
MEAN	2.74	2.68	2.67	3.21	2.71	2.49	2.71	2.60	2.72	2.65	2.66	3.02
MAX	2.88	3.03	2.78	3.91	2.98	2.65	3.04	4.40	4.28	2.98	2.80	3.36
MIN	2.48	2.27	2.45	2.67	2.53	2.32	2.38	2.42	2.46	2.36	2.50	2.72

WTR YR 1993 MEAN 2.74 MAX 4.40 MIN 2.27



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

305

WELL NUMBER.--263630080264801. Local Number G 1362. USGS Observation Well near Perrine, FL.

LOCATION.--Lat 25°36'30", long 80°26'48", in NW1/4NW1/4 sec.33, T.55 S., R.39 E., Hydrologic Unit 03090202, 30 ft east of SW 157th Avenue, 1.0 mi north of Eureka Drive, 2.0 mi east of State Highway 27, and 5 mi west of Perrine.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 33 ft, cased to 11 ft.

REVISED RECORDS.--WDR FL-85-2B: 1980.

INSTRUMENTATION.--Digital water-level recorder.

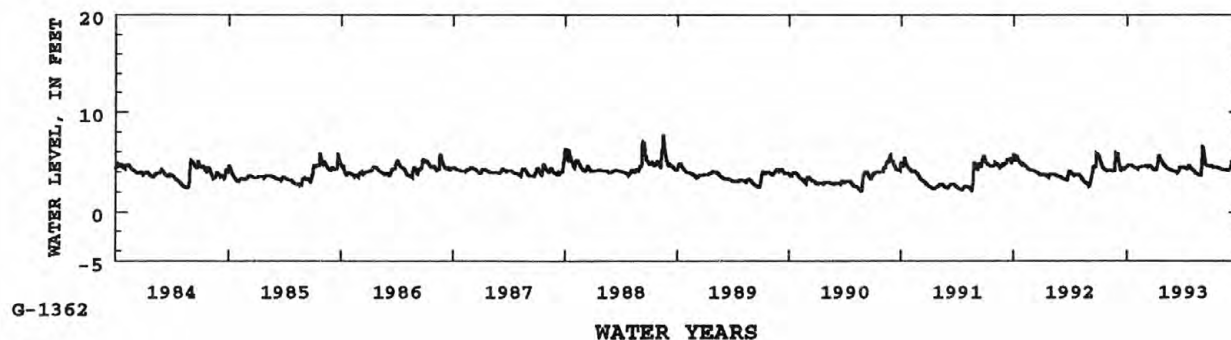
DATUM.--Land-surface datum is 11.23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.86 ft above land-surface datum.

PERIOD OF RECORD.--November 1968 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.35 ft NGVD, estimated, Aug. 18, 1981; lowest, 0.29 ft NGVD, May 15, 1971.

STATION NUMBER 263630080264801 G -1362
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.72	4.39	4.56	4.48	4.43	4.03	4.41	4.06	5.86	4.50	4.24	5.04
10	4.71	---	4.59	5.61	4.35	3.97	4.34	3.89	4.85	4.50	4.20	4.83
15	4.64	---	4.63	5.30	4.30	4.05	4.29	3.81	4.63	4.51	4.27	5.35
20	4.54	---	4.44	5.13	4.17	4.49	4.45	3.74	4.66	4.43	4.17	5.15
25	4.47	---	4.28	4.78	4.09	4.47	4.35	3.65	4.58	4.37	4.19	4.81
EOM	4.38	---	4.22	4.59	4.09	4.50	4.19	6.16	4.62	4.31	4.56	4.65
MEAN	4.58	---	---	4.94	4.28	4.23	4.40	3.97	5.00	4.45	4.25	4.97
MAX	4.73	---	---	5.62	4.57	4.52	4.66	6.16	6.44	4.59	4.56	5.37
MIN	4.37	---	---	4.24	4.08	3.95	4.19	3.63	4.58	4.31	4.13	4.65



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--252656080350301. Local Number G 1502. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°36'56", long 80°35'03", in NE1/4SW1/4 sec.25, T.55 S., R.37 E., Hydrologic Unit 03090202, in Grossman Hammock, and 11.5 mi northwest of Homestead.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 31 ft, cased to 11 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 0.70 ft above land-surface datum. (Corrected).

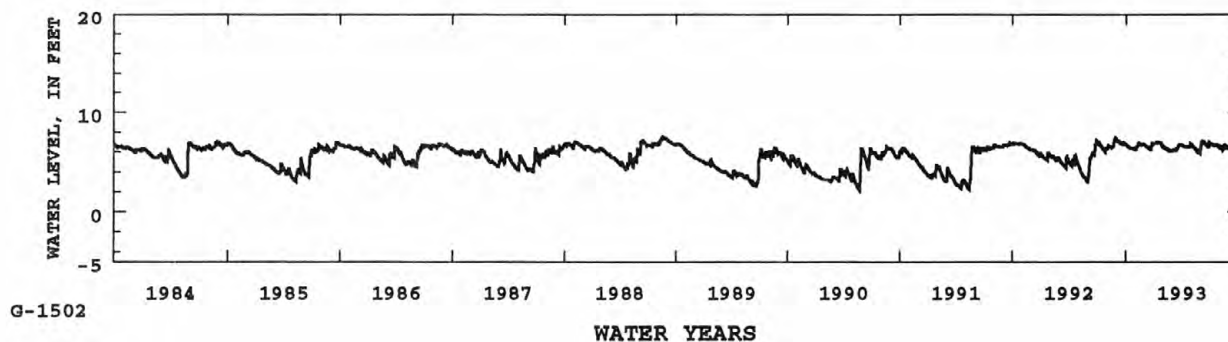
PERIOD OF RECORD.--May 1970 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.89 ft NGVD, Aug. 18, 1981; lowest, 0.49 ft NGVD, May 14, 1971.

STATION NUMBER 252656080350301 G -1502
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.63	6.48	6.55	6.88	6.36	6.20	6.56	6.54	7.05	6.76	6.39	6.85
10	6.48	6.84	6.45	6.98	6.28	6.19	6.51	6.37	6.91	6.66	6.30	6.81
15	6.39	6.80	6.34	6.95	6.18	6.37	6.43	6.21	6.75	6.65	6.61	6.76
20	6.39	6.77	6.24	6.93	6.09	6.62	6.54	6.15	6.58	6.71	6.46	6.73
25	6.32	6.82	6.85	6.57	6.14	6.76	6.45	5.99	6.54	6.54	6.32	6.72
EOM	6.23	6.70	6.85	6.49	6.15	6.66	6.72	6.89	6.85	6.53	6.73	6.59
MEAN	6.43	6.69	6.56	6.81	6.23	6.44	6.56	6.31	6.82	6.67	6.48	6.75
MAX	6.72	6.85	6.86	6.99	6.47	6.76	6.82	6.89	7.05	6.82	6.79	6.88
MIN	6.23	6.22	6.23	6.49	6.07	6.14	6.43	5.91	6.51	6.51	6.25	6.59

CAL YR 1992 MEAN 5.84 MAX 7.42 MIN 2.91
WTR YR 1993 MEAN 6.56 MAX 7.05 MIN 5.91



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

307

WELL NUMBER.--253718080192301. Local Number G 860. USGS Observation Well near Perrine, FL.

LOCATION.--Lat 25°37'18", long 80°19'23", in SW1/4NE1/4 sec.27, T.55 S., R.40 E., Hydrologic Unit 03090202, at Kahn Road and Southwest 160th Street, 1.2 mi east of U.S. 1, 1.7 mi northeast of Perrine, and 13 mi southwest of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

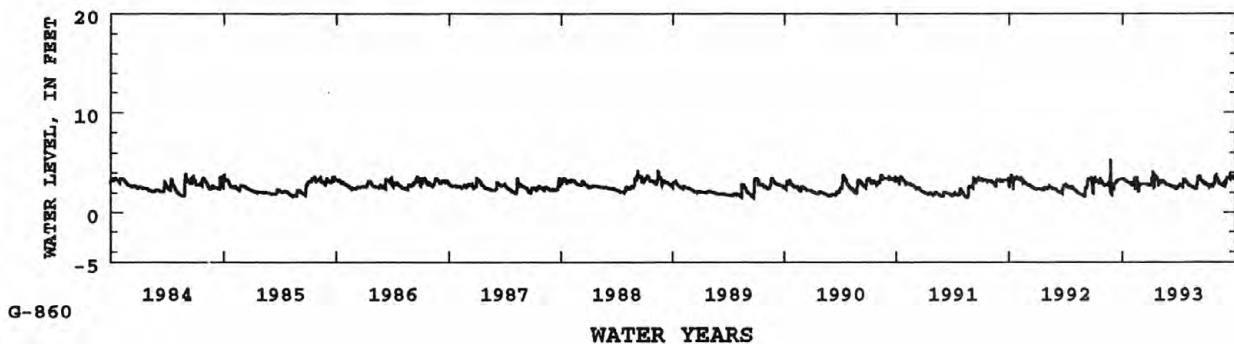
DATUM.--Land-surface datum is 10.42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.53 ft above land-surface datum.

PERIOD OF RECORD.--March 1959 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.45 ft NGVD, Sept. 23, 1960; lowest, 0.38 ft NGVD, May 22, 1971.

STATION NUMBER 253718080192301 G - 860
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.34	2.97	2.85	3.51	3.01	2.68	2.66	2.72	3.56	2.71	3.22	3.49
10	3.16	3.51	2.85	3.86	3.09	2.59	2.65	2.61	3.31	2.59	2.93	3.35
15	3.06	2.97	2.82	3.49	2.92	2.61	2.47	2.57	3.07	2.67	2.80	3.66
20	2.99	2.75	2.80	3.50	2.79	2.48	3.26	2.49	3.00	2.52	2.73	3.58
25	2.92	2.51	2.75	3.26	2.76	2.57	3.05	2.41	2.90	2.88	2.90	3.36
EOM	2.78	2.81	2.74	3.06	2.74	2.59	2.85	3.02	2.79	3.38	2.88	3.79
MEAN	3.07	2.81	2.80	3.16	2.93	2.59	2.86	2.58	3.13	2.82	2.92	3.44
MAX	3.35	3.51	2.85	3.91	3.13	2.71	3.30	3.02	3.59	3.66	3.43	3.79
MIN	2.78	2.08	2.71	2.36	2.74	2.48	2.41	2.35	2.79	2.52	2.47	2.92
CAL YR 1992 MEAN 2.65 MAX 5.31 MIN 1.59												
WTR YR 1993 MEAN 2.92 MAX 3.91 MIN 2.08												



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--253748080343401. Local Number G 3273. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°37'48", long 80°34'34", in NE1/4SE1/4 Sec.24 T.55 S., R.37 E., Hydrologic Unit 03090202, on the west side of SW 237 Avenue, 1.5 mi north of SW 168th Street (Richmond Drive) and 12.5 mi north of Homestead.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15 ft, cased to 7.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

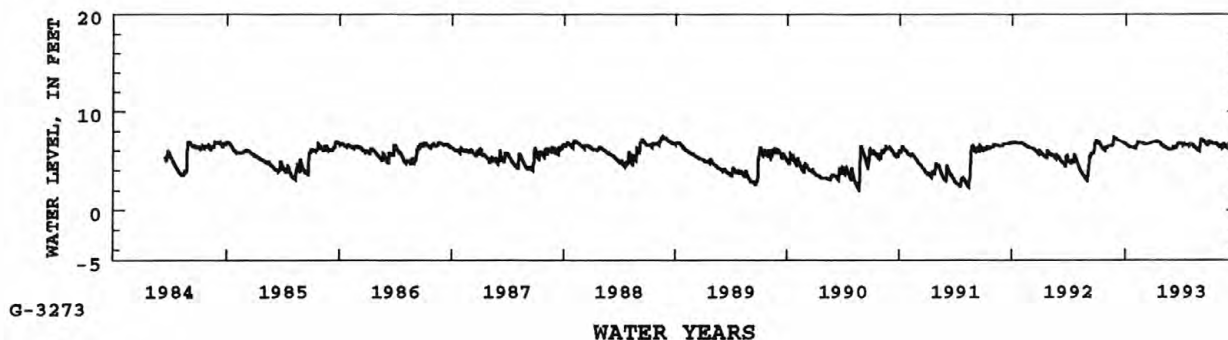
DATUM.--Land-surface datum is 7.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plywood base, 3.25 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.47 ft NGVD, Aug. 20, 1988; lowest, 2.07 ft NGVD, May 23, 1990.

STATION NUMBER 253748080343401 G -3273
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.58	6.46	---	6.93	6.35	6.25	6.60	6.55	7.08	6.79	6.39	6.84
10	6.47	6.86	---	6.94	6.25	6.25	6.56	6.39	6.96	6.65	6.30	6.76
15	6.38	6.83	---	6.85	6.18	6.44	6.50	6.25	6.74	6.67	6.64	6.76
20	6.35	6.78	---	6.84	6.10	6.75	6.60	6.21	6.58	6.72	6.45	6.72
25	6.32	6.78	---	6.55	6.16	6.76	6.51	6.03	6.65	6.55	6.34	6.67
EOM	6.26	6.68	---	6.47	6.17	6.68	6.68	7.07	6.91	6.53	6.67	6.57
MEAN	6.41	6.70	---	---	6.22	6.50	6.59	6.36	6.85	6.68	6.46	6.73
MAX	6.66	6.86	---	---	6.42	6.76	6.69	7.07	7.13	6.85	6.68	6.85
MIN	6.26	6.26	---	---	6.09	6.19	6.50	5.96	6.52	6.51	6.25	6.57



G-3273

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

309

WELL NUMBER.--253937080304001. Local Number G 596. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°38'15", long 80°30'45", in SW1/4SW1/4 sec.14, T.55 S., R.38 E., Hydrologic Unit 03090202, on north side of Howard Drive, 2 mi west of Krome Avenue, and 15.5 mi north of Homestead.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 13 ft, cased to 11 ft.

INSTRUMENTATION.--Digital water-level recorder.

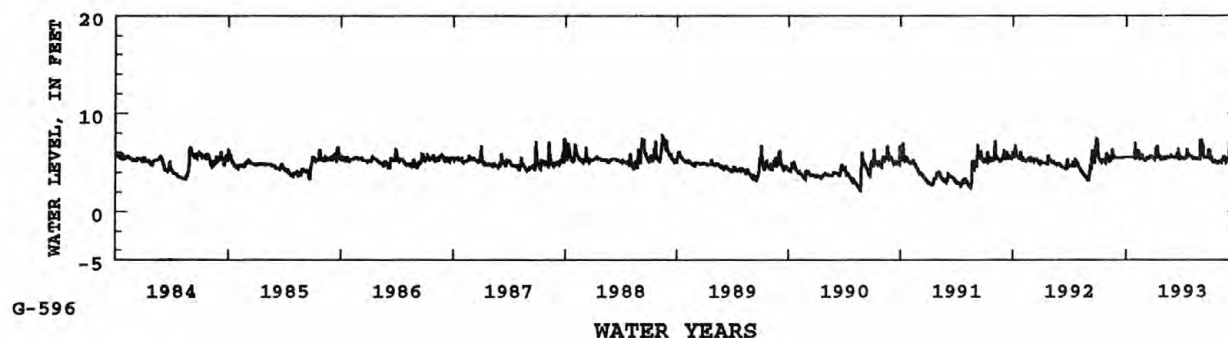
DATUM.--Land-surface datum 7.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.17 ft above land-surface datum. Prior to Oct. 1, 1978 land-surface datum was considered to be 7.70 ft NGVD. See PERIOD OF RECORD. M.P. was considered to be 10.59 from Oct. 1, 1978 to Nov. 21, 1986. New well was drilled on Nov. 21, 1986

PERIOD OF RECORD.--January 1949 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD, prior to October 1978 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.30 ft NGVD, Nov. 2, 1960; lowest, 0.56 ft NGVD, May 14, 1971.

STATION NUMBER 253937080304001 G - 596
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	5.89	5.48	6.46	5.41	5.48	5.53	5.35	6.84	5.18	5.20	5.39
10	---	6.25	5.37	6.42	5.55	5.47	5.46	5.35	5.42	4.99	5.42	5.31
15	---	5.20	5.30	5.62	5.44	5.79	5.34	5.30	5.43	5.03	5.26	5.91
20	---	5.53	5.65	5.33	5.52	5.41	5.78	5.37	5.59	5.03	5.07	5.30
25	5.51	5.37	5.44	5.25	5.60	5.55	5.60	5.26	5.87	4.82	5.39	5.19
EOM	5.75	5.20	5.28	5.53	5.56	5.45	5.57	7.31	5.36	5.06	6.71	5.05
MEAN	---	5.58	5.42	5.58	5.51	5.57	5.58	5.56	5.82	5.08	5.38	5.43
MAX	---	6.27	5.66	6.71	5.63	6.43	6.37	7.34	7.31	5.43	7.01	6.27
MIN	---	5.20	5.12	5.18	5.33	5.24	5.31	5.26	5.36	4.82	5.01	5.05



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--253854080242801. Local Number G 858. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°38'54", long 80°24'28", in SE1/4NE1/4 sec.15, T.55 S., R.39 E., Hydrologic Unit 03090202, at Lindgren Road and Southwest 128th Street, 6.0 mi west of U.S. Highway 1, and 18 mi southwest of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

REMARKS.--Station removed on July 30 due to road construction.

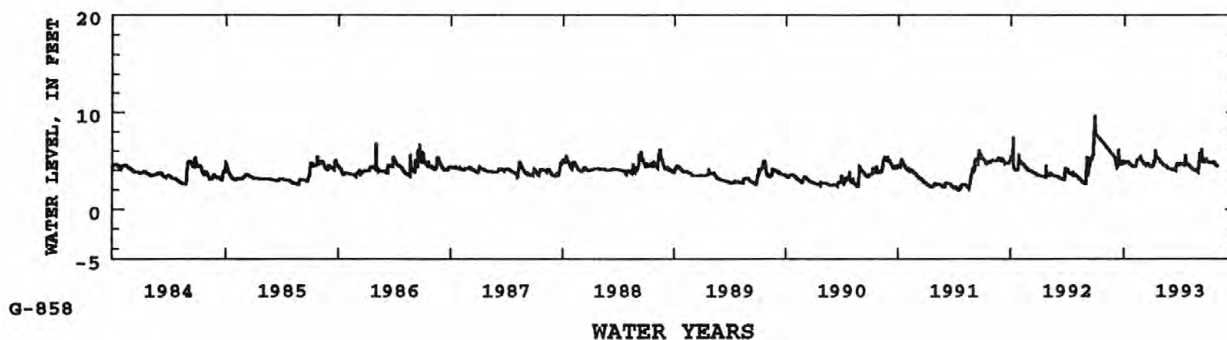
DATUM.--Land-surface datum is 7.72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--January 1959 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.61 ft NGVD, June 28, 1992; lowest, 0.80 ft NGVD, May 15, 1971.

STATION NUMBER 253854080242801 G - 858
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	4.35	4.57	5.03	4.50	4.05	4.55	4.23	---	4.72	---	---
10	---	4.71	4.60	5.72	4.42	3.99	4.49	4.10	4.75	4.68	---	---
15	4.72	5.02	4.64	5.25	4.33	4.07	4.41	4.03	4.78	4.81	---	---
20	4.54	5.24	4.50	5.15	4.16	4.58	4.59	3.95	---	4.60	---	---
25	4.45	5.07	4.37	4.84	4.11	4.61	4.52	3.85	---	4.44	---	---
EOM	4.33	4.78	4.38	4.64	4.09	4.63	4.38	---	---	---	---	---
MEAN	---	4.83	4.52	5.00	4.32	4.31	4.60	---	---	---	---	---
MAX	---	5.29	4.73	6.05	4.62	4.63	5.53	---	---	---	---	---
MIN	---	4.29	4.32	4.40	4.09	3.96	4.38	---	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

311

WELL NUMBER.--253902080202501. Local Number G 553. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°39'02", long 80°20'19", in NE1/4SE1/4 sec.16, T.53 S., R.40 E., Hydrologic Unit 03090202, on the south side of S.W. 128th Street, 0.5 mi west of U.S. Highway 1, 2.5 mi south of S.W. 88th street, and 13 mi southwest of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 24 to 18 in., depth 91 ft, cased to 79 ft.

INSTRUMENTATION.--Digital water-level recorder.

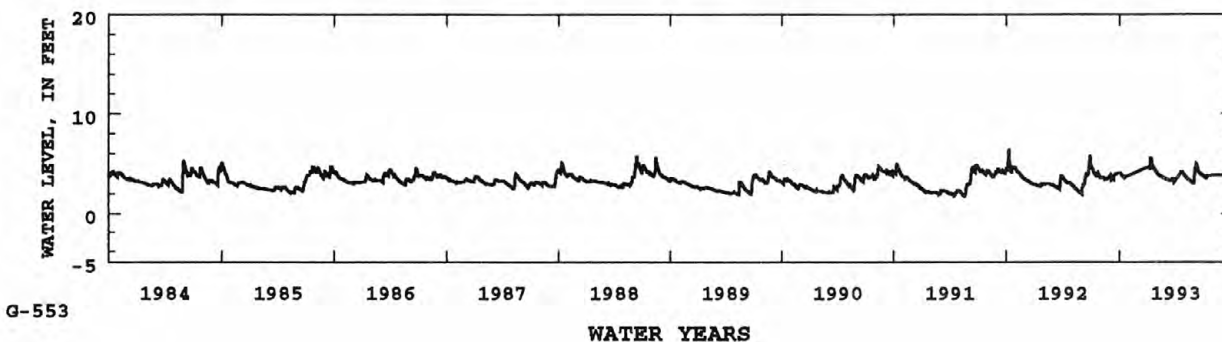
DATUM.--Land-surface datum is 12.11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.65 ft above land-surface datum.

PERIOD OF RECORD.--January 1947 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.06 ft NGVD, Oct. 5, 1948; lowest, 0.81 ft NGVD, May 14-15, 1971.

STATION NUMBER 253902080202501 G - 553
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.99	---	---	4.72	3.86	3.39	---	3.58	4.95	3.58	---	4.33
10	3.80	---	---	5.57	3.74	3.30	---	3.40	4.43	3.76	---	4.19
15	3.67	---	---	4.79	3.67	3.33	---	3.33	4.08	---	---	4.59
20	3.64	---	---	4.51	3.55	3.47	4.19	---	3.91	---	---	4.47
25	---	---	---	4.26	3.49	3.08	3.95	3.06	3.82	---	---	4.13
EOM	---	---	---	4.02	3.46	---	3.76	4.58	3.70	---	3.87	4.10
MEAN	---	---	---	---	3.68	---	---	---	4.18	---	---	4.28
MAX	---	---	---	---	3.98	---	---	---	4.95	---	---	4.68
MIN	---	---	---	---	3.46	---	---	---	3.70	---	---	3.86



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--254000080181001. Local Number G 580. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°40'00", long 80°18'10", in SE1/4NW1/4 sec.11, T.55 S., R.40 E., Hydrologic Unit 03090202, at northwest corner of Ludlam Road and Killian Drive, 1.2 mi east of U.S. Highway 1, and 10.5 mi southwest of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 22 ft, cased to 4 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 9.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.50 ft above land-surface datum.

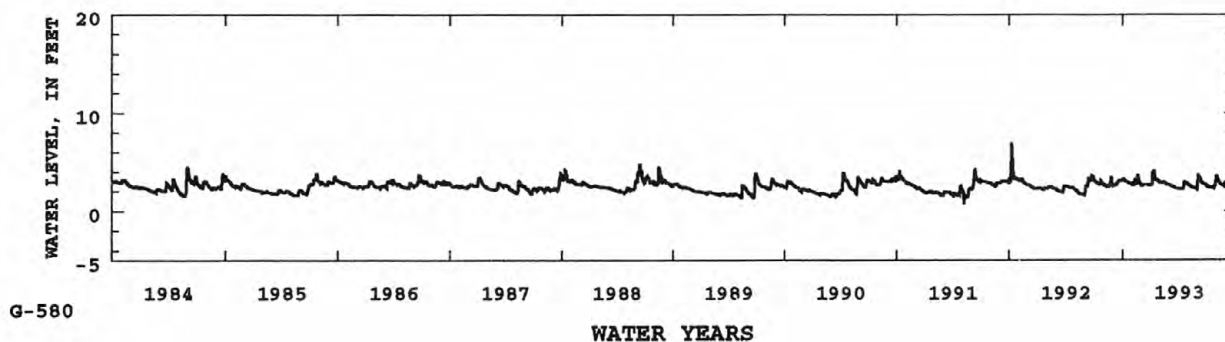
REMARKS.--Formerly published as G 580A under same station number.

PERIOD OF RECORD.--September 1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.34 ft, Sept. 23, 1960; lowest, 0.70 ft NGVD, May 8, 1991.

STATION NUMBER 254000080181001 G - 580
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.24	2.84	2.62	3.87	2.88	2.58	2.24	2.56	3.42	2.45	3.09	3.75
10	3.02	3.22	2.68	4.07	2.95	2.47	2.30	2.42	3.01	2.36	2.77	3.24
15	2.99	2.73	2.65	3.26	2.81	2.46	2.14	2.40	2.81	2.40	2.63	3.31
20	2.83	3.38	2.66	3.19	2.67	---	2.89	2.31	2.75	2.37	2.59	3.27
25	2.82	---	2.63	3.04	2.65	---	2.81	2.27	2.67	2.59	2.81	3.09
EOM	2.65	---	2.61	2.87	2.63	---	2.65	3.70	2.43	3.44	2.96	3.13
MEAN	2.95	---	2.63	3.19	2.80	---	2.53	2.44	2.93	2.57	2.82	3.31
MAX	3.25	---	2.68	4.07	2.97	---	2.92	3.70	3.73	3.51	3.35	3.97
MIN	2.65	---	2.53	2.63	2.63	---	2.14	2.23	2.43	2.35	2.57	2.96



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

313

DADE COUNTY

WELL NUMBER.--254000080460001. Local Number G 620. USGS Observation Well In Everglades National Park, FL.

LOCATION.--Lat 25°40'00", long 80°46'00", in NW1/4NE1/4 sec.30, T.55 S., R.36 E., Hydrologic Unit 03090202, at look-out tower in Everglades National Park, 7.5 mi south of U.S. Highway 41, and 37 mi southwest of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 16 ft, cased to 6 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 6.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.02 ft above land-surface datum.

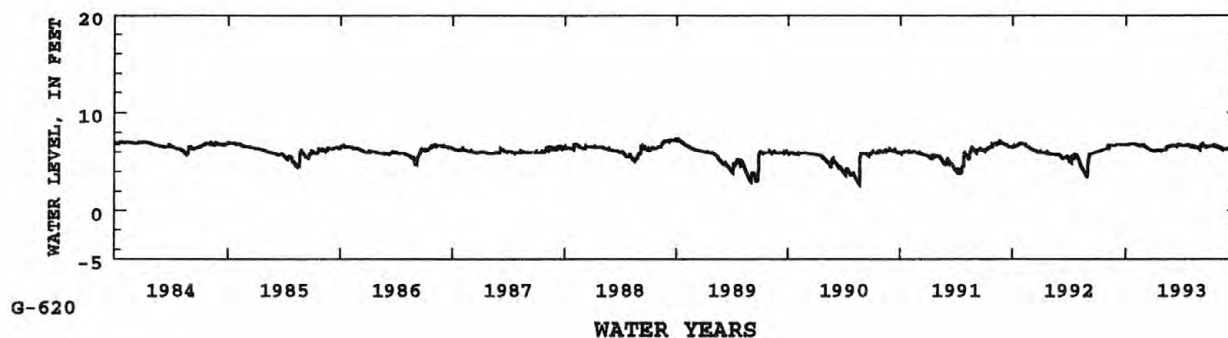
REMARKS.--Prior to Nov. 25, 1992 digital water-level recorder.

PERIOD OF RECORD.--January 1950 to September 1980, November 1982 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.88 ft NGVD, Nov. 16, 1982; lowest, 1.86 ft NGVD, May 30, 1965.

STATION NUMBER 254000080460001 G - 620
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	6.75	6.52	6.15	6.21	---	6.69	6.60	6.69	6.62	6.33	6.39
10	---	6.70	6.43	6.26	6.44	---	6.70	6.58	6.67	6.78	6.30	6.33
15	---	6.67	6.33	6.24	6.58	6.66	6.68	6.48	6.58	6.71	---	6.28
20	---	6.61	6.24	6.22	6.60	6.74	6.73	6.43	6.61	6.57	---	6.24
25	---	6.73	6.19	6.21	6.68	6.72	6.65	6.35	6.62	6.47	6.30	6.26
EOM	6.79	6.62	6.08	6.24	6.65	6.69	6.70	6.71	6.62	6.42	6.33	6.32
MEAN	---	6.70	6.33	6.20	6.49	---	6.69	6.52	6.64	6.59	---	6.30
MAX	---	6.79	6.60	6.26	6.68	---	6.78	6.71	6.72	6.78	---	6.44
MIN	---	6.61	6.08	6.08	6.21	---	6.63	6.31	6.58	6.42	---	6.22



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--254019080190201. Local Number G 1604. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°40'19", long 80°19'02", in NW1/4NW1/4NW1/4 sec.11, T.55 S., R.40 E., Hydrologic Unit 03090202, in round grassy area 100 ft north of intersection of Southwest 77th Avenue and 105th Terrace, 10.5 mi southwest of Miami and .3 mi east of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 62 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.34 ft above land-surface datum.

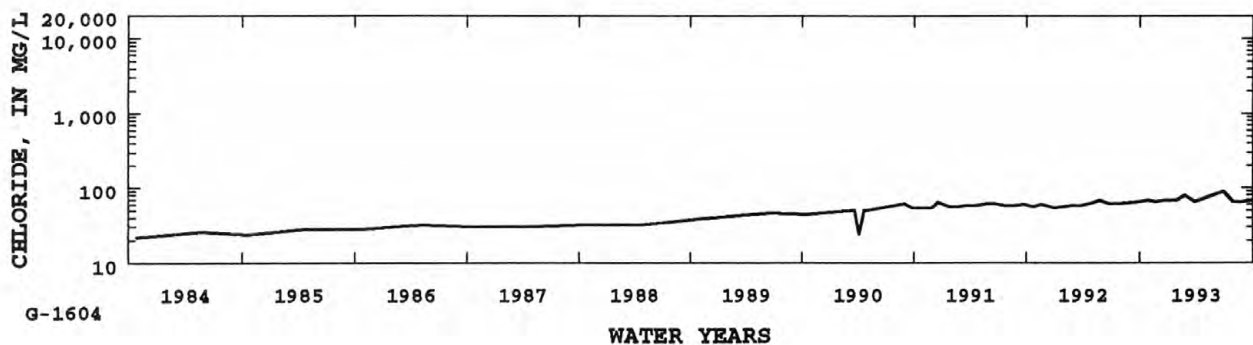
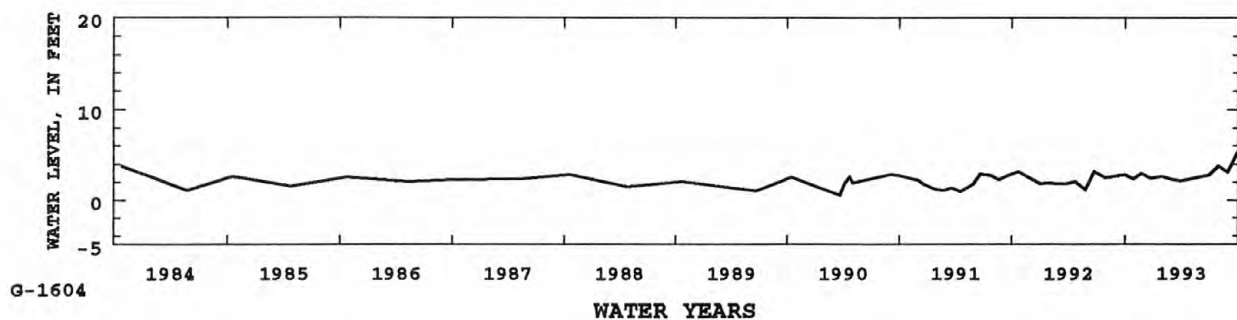
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1975 to May 1990 (semiannual), August 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.77 ft NGVD, Oct. 3, 1977; lowest measured, 0.54 ft NGVD, Mar. 22, 1990.

254019080190201 - G -1604

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ABOVE	ANCE	ANCE	CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
(US/CM)	(US/CM)	(MG/L	AS CL)	(FEET)	(US/CM)	(US/CM)	(MG/L	AS CL)	(FEET)
OCT					MAR				
28...	0723	612	68	2.34	29...	0739	612	66	2.11
NOV					JUN				
23...	0723	630	66	2.99	28...	0818	669	88	2.76
DEC					JUL				
24...	0727	696	68	2.39	29...	0802	666	66	3.76
JAN					AUG				
28...	0801	635	68	2.64	26...	0744	671	66	3.11
FEB					SEP				
24...	0733	658	78	2.37	30...	0756	666	68	5.32



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

315

WELL NUMBER.--254038080280201. Local Number G 855. USGS Observation Well near Kendall, FL.

LOCATION.--Lat 25°40'38", long 80°28'02", in SE1/4NE1/4 sec.6, T.55 S., R.39 E., Hydrologic Unit 03090202, 0.75 mi east of Krome Avenue, 0.4 mi south of North Kendall Drive, and 9.2 mi west of Kendall.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

REVISED RECORDS.--WDR FL-85-2B: 1977, 1979.

INSTRUMENTATION.--Digital water-level recorder.

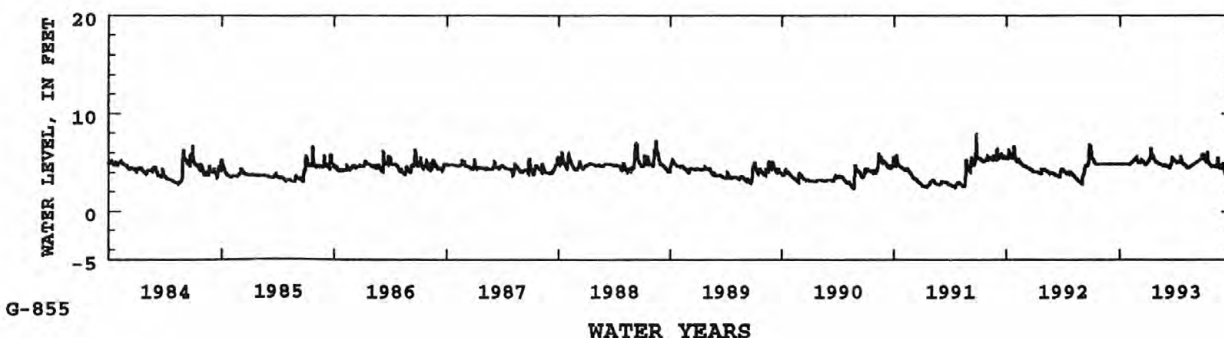
DATUM.--Land-surface datum is 7.90 ft above National Geodetic Vertical Datum of 1929. Prior to October 1978, land-surface datum was considered to be 7.41 ft NGVD. See PERIOD OF RECORD. Measuring point: Top of base, 1.55 ft above land-surface datum.

PERIOD OF RECORD.--January 1958 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD, prior to October 1978 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.00 ft NGVD estimated, Aug. 18, 1981; lowest, 1.00 ft NGVD, present datum, May 14, 1971.

STATION NUMBER 254038080280201 G - 855
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	4.93	5.35	4.85	4.55	5.08	4.52	---	5.23	4.52	4.02
10	---	---	5.18	6.37	4.79	4.45	5.04	4.46	---	5.69	4.53	3.69
15	---	---	5.17	5.67	4.72	4.72	4.96	---	---	4.98	4.93	---
20	---	---	4.85	5.39	4.63	5.40	4.88	---	---	4.74	4.48	---
25	---	5.35	4.77	5.04	4.74	5.20	4.81	---	5.73	4.58	4.37	4.67
EOM	4.79	5.00	5.03	4.98	4.65	5.15	4.69	---	5.54	4.59	4.73	4.57
MEAN	---	---	4.98	5.40	4.76	4.91	4.99	---	---	---	4.65	---
MAX	---	---	5.20	6.41	4.98	5.40	5.66	---	---	---	5.42	---
MIN	---	---	4.76	4.98	4.63	4.45	4.69	---	---	---	4.35	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254054080295401. Local Number G 1487. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°40'54", long 80°29'54", in SE1/4SE1/4 sec.35, T.54 S., R.38 E., Hydrologic Unit 03090202, west of levee on west side of L 31 N canal, 11.3 mi south of U.S. Highway 41, 3.5 mi north of Howard Drive, and 1 mi west of Krome Avenue near Miami, FL.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

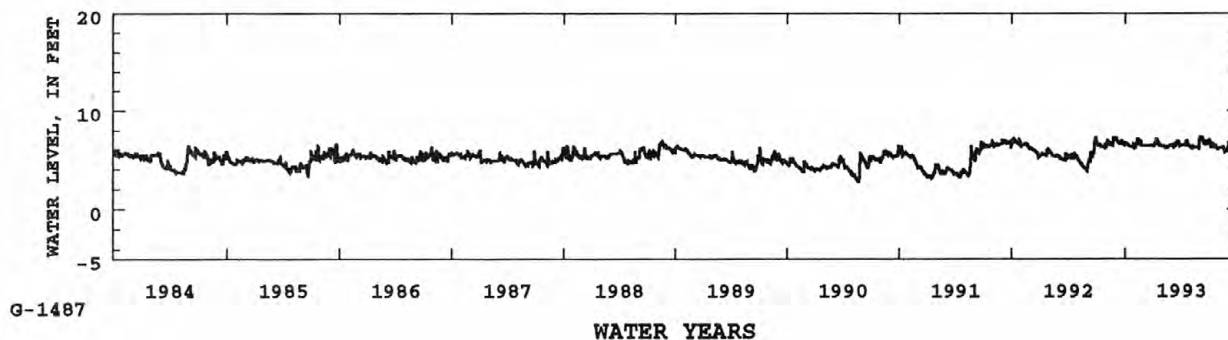
DATUM.--Land-surface datum is 6.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plywood base, 2.34 ft above land-surface datum.

PERIOD OF RECORD.--April 1970 to May 1976, June 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.29 ft NGVD, May 31 - June 2, 1993; lowest, 1.59 ft NGVD, May 7, 8, 1975.

STATION NUMBER 254054080295401 G -1487
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.66	6.58	---	6.67	6.34	6.35	6.56	6.04	7.21	6.36	6.22	5.91
10	6.52	7.05	---	7.08	6.21	6.37	6.49	6.28	6.83	6.74	6.18	5.75
15	6.37	6.94	---	6.81	6.11	6.69	6.37	6.26	6.93	6.30	6.07	6.04
20	6.38	6.85	---	6.42	6.39	6.86	6.60	6.27	6.56	6.37	5.85	5.92
25	6.29	---	6.48	6.38	6.45	6.68	6.44	6.19	6.90	6.08	5.97	5.78
EOM	6.38	---	6.34	6.42	6.40	6.44	6.24	7.29	6.86	6.19	6.76	5.67
MEAN	6.46	---	---	6.58	6.31	6.55	6.50	6.33	6.90	6.33	6.12	5.89
MAX	6.80	---	---	7.08	6.55	6.92	7.01	7.29	7.29	6.84	6.80	6.24
MIN	6.26	---	---	6.35	6.11	6.31	6.24	6.04	6.46	6.04	5.78	5.67



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

317

WELL NUMBER.--254107080165201. Local Number G 896. USGS Observation Well near Homestead, FL.

LOCATION.--Lat 25°41'07", long 80°16'52", in NW1/4SW1/4NE1/4 sec.6, T.55 S., R.41 E., Hydrologic Unit 03090202, 3 ft south of rock wall, .25 mi west of Southwest 52nd Avenue (School House Road), .5 mi south of Kendall Drive.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 74 ft, cased to 60 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.06 ft above land-surface datum.

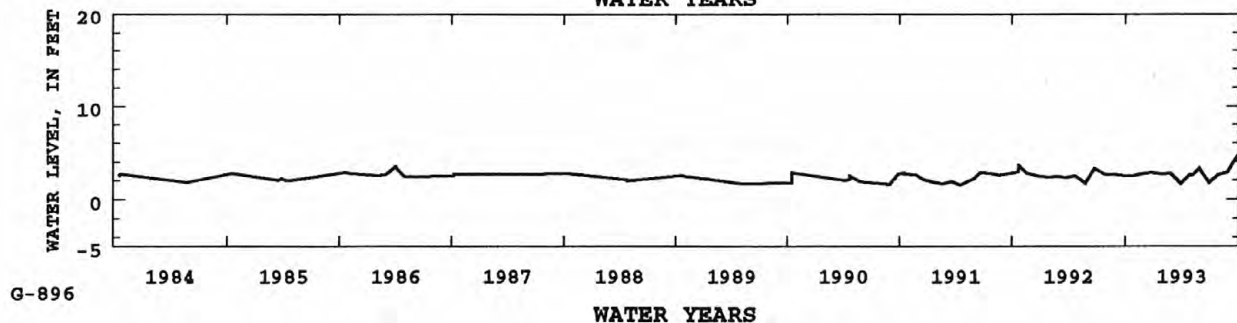
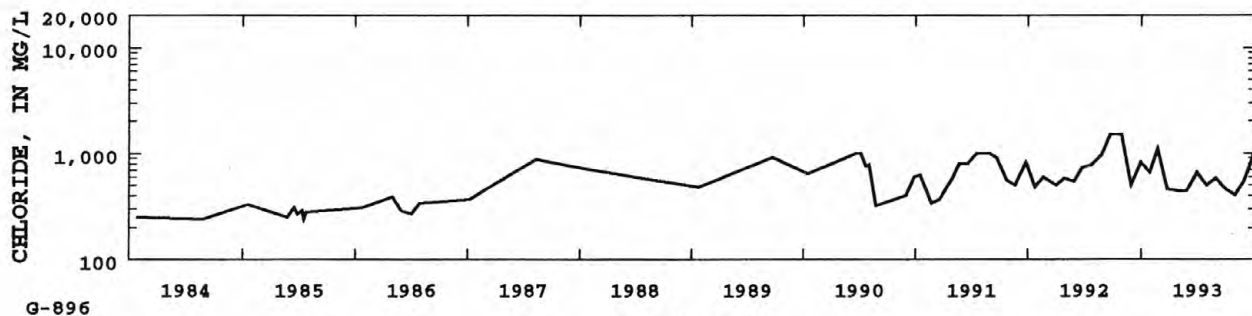
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--May 1978 to May 1990 (semiannual), August 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.71 ft NGVD, Oct. 24, 1991; lowest measured, 1.52 ft NGVD, Apr. 18, 1991.

254107080165201 - G - 896

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ABOVE	ANCE	ANCE	CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
(US/CM)	(US/CM)	(MG/L	(MG/L	(FEET)	(US/CM)	(US/CM)	(MG/L	(MG/L	(FEET)
		AS CL)	AS CL)				AS CL)	AS CL)	
OCT					APR				
26...	1055	--	--	2.53	29...	0830	1900	500	2.68
28...	0802	2300	660	2.55	MAY				
NOV					05...	1103	--	--	2.62
23...	0819	3600	1100	2.75	27...	0829	2120	580	3.25
DEC					JUN				
24...	0759	1850	460	2.88	28...	0848	2010	460	1.79
JAN					JUL				
28...	0835	1720	440	2.74	29...	0843	1770	410	2.65
FEB					AUG				
24...	0803	1790	440	2.79	26...	0819	2120	540	2.86
MAR					SEP				
29...	0811	2360	660	1.71	30...	0833	3300	1000	4.71



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254130080234501. Local Number G 551. USGS Observation Well near South Miami, FL.

LOCATION.--Lat 25°41'08", long 80°23'45", in NW1/4SW1/4 sec.36, T.54 S., R.39 E., Hydrologic Unit 03090202, 15 ft north of supply well number 18 in the southwest Wellfield of the Miami-Dade Water and Sewer Authority, on the east side of SW 125th Avenue, 0.6 mi south of Sunset Drive and 6.5 mi west of South Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 24 to 18 in., depth 80 ft, cased to 71 ft, slotted 29 to 71 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.08 ft above land-surface datum.

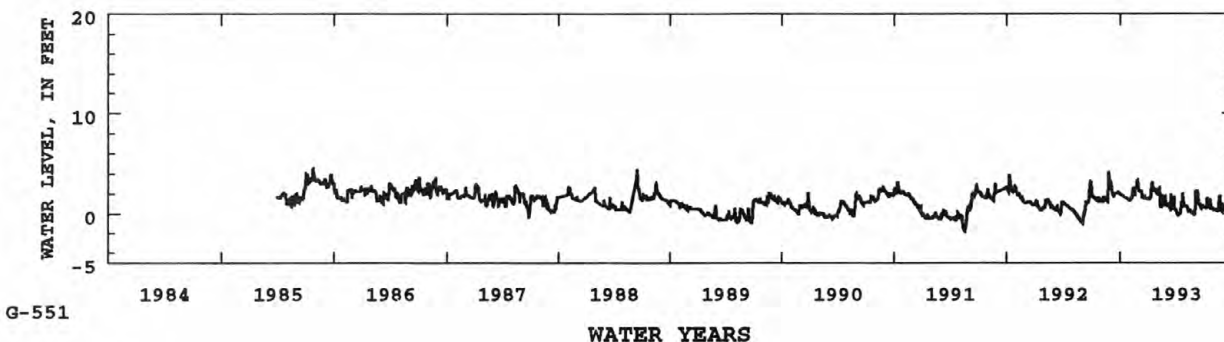
REMARKS.--Water levels affected by pumping in the Southwest Wellfield.

PERIOD OF RECORD.--December 1947 to April 1961, March 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.77 ft NGVD, Oct. 5, 1948; lowest, 1.70 ft below NGVD, May 18, 1991.

STATION NUMBER 254130080234501 G - 551
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	1.52	2.22	1.57	2.15	.77	-.09	.69	2.26	.56	.40	.75
10	---	2.09	1.76	2.54	.77	.58	-.02	.31	1.36	.77	.27	.79
15	---	2.16	1.63	2.55	.85	.47	.10	.24	.83	.74	.55	1.14
20	---	2.57	1.55	2.28	.79	.80	2.04	.10	.77	.72	.51	1.02
25	---	3.22	1.52	2.19	.77	.54	.78	-.01	.63	.52	.33	.86
EOM	1.36	2.40	1.43	2.00	.93	.35	.78	.76	.63	.42	.57	.90
MEAN	---	2.19	1.76	2.18	1.22	.78	.52	.29	1.12	.68	.56	.88
MAX	---	3.31	2.31	3.17	2.49	1.91	2.04	.77	2.30	1.61	1.83	1.17
MIN	---	1.31	1.43	1.46	.64	.31	-.09	-.05	.59	.42	.25	.57



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

319

WELL NUMBER.--254157080214001. Local Number G 3073. USGS Observation Well near South Miami, FL.

LOCATION.--Lat 25°41'57", long 80°21'40", in NW1/4NW1/4 sec.32, T.54 S., R.40 E., Hydrologic Unit 03090202, on the north side of Snapper Creek Canal, 0.25 mi southeast of the intersection at S.W. 107 Avenue and Sunset Drive, and 4.6 mi west of South Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20.0 ft, cased to 20.0 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 3.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of aluminum base, 4.79 ft above land-surface datum.

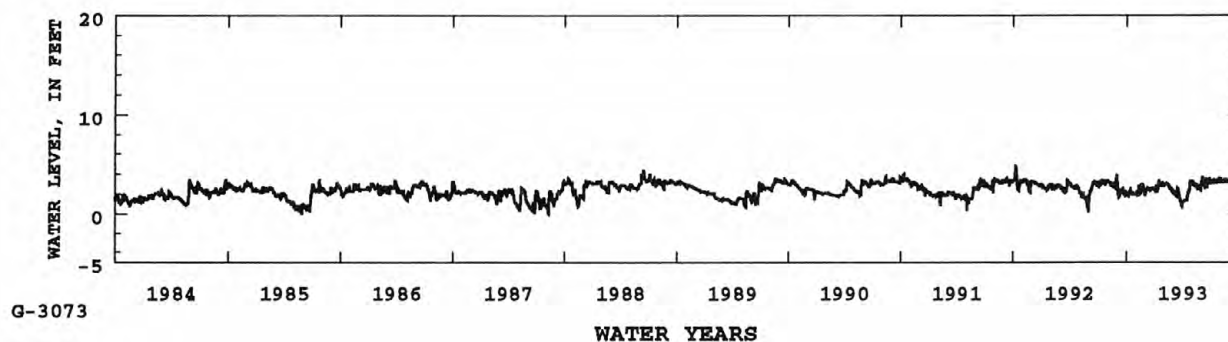
PERIOD OF RECORD.--October 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.15 ft NGVD, Aug. 18, 1981; lowest, 0.53 ft below NGVD, Feb. 6, 1980.

STATION NUMBER 254157080214001 G -3073
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.73	1.72	2.45	2.64	3.00	1.98	1.28	2.94	3.58	3.42	3.20	3.42
10	2.17	2.76	2.48	2.78	3.01	1.83	1.38	2.72	2.80	3.47	3.31	3.49
15	2.10	2.00	2.52	2.98	2.67	2.51	1.32	2.69	3.00	3.33	3.54	3.65
20	2.00	2.90	2.49	2.75	2.57	1.77	2.46	2.90	3.35	3.22	3.23	3.07
25	2.04	2.62	2.58	3.00	2.41	1.22	3.32	2.65	3.41	3.41	3.37	3.27
EOM	1.94	1.83	2.47	2.91	2.09	1.19	3.30	3.71	3.46	3.19	3.45	---
MEAN	2.02	2.36	2.48	2.79	2.71	1.72	2.06	2.84	3.17	3.31	3.32	---
MAX	2.37	3.04	2.64	3.41	3.05	2.55	3.33	3.71	3.62	3.59	3.54	---
MIN	1.73	1.72	1.98	2.14	2.09	.80	1.20	2.24	2.52	3.08	3.12	---

CAL YR 1992 MEAN 2.52 MAX 3.95 MIN .17



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254157080214002. Local Number G 3074. USGS Observation Well near South Miami, FL.

LOCATION.--Lat 25°41'57", long 80°21'40", in NW1/4NW1/4 sec.32, T.54 S., R.40 E., Hydrologic Unit 03090202, on north side of Snapper Creek Canal, 0.25 mi southeast of the intersection at S.W. 107 Avenue and Sunset Drive, and 4.6 mi west of South Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 40 ft, cased to 40 ft.

INSTRUMENTATION.--Digital water-level recorder.

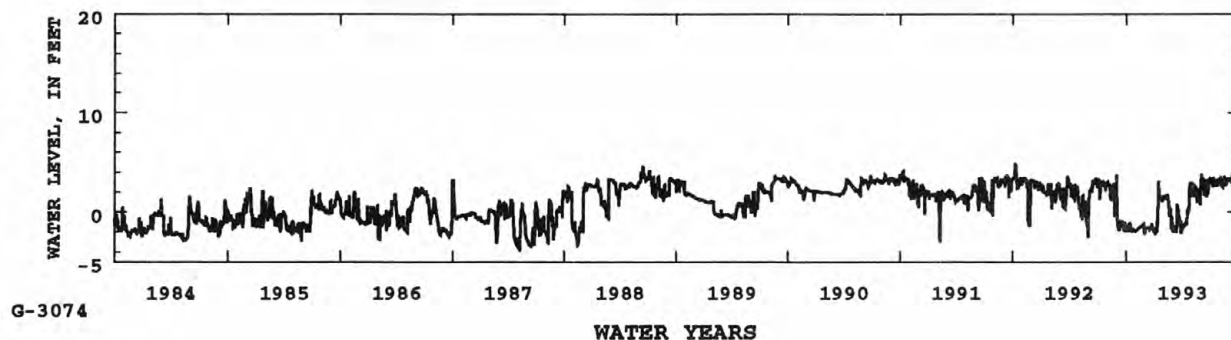
DATUM.--Land-surface datum is 3.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.67 ft above land-surface datum.

PERIOD OF RECORD.--October 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.39 ft NGVD, Sept. 26, 1981; lowest, 3.78 ft below NGVD, May 8, 1987.

STATION NUMBER 254157080214002 G -3074
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-1.85	---	-1.51	-1.73	1.52	-1.83	-1.37	1.62	3.25	3.33	2.65	3.32
10	-1.44	---	-1.50	-.95	1.59	-1.91	-1.13	1.66	2.08	3.34	3.21	3.41
15	-1.45	---	-1.61	1.36	.55	.51	-1.26	1.65	2.78	3.26	3.55	3.69
20	-1.92	---	-1.66	1.21	.30	-.41	.59	2.32	2.87	2.62	2.68	2.39
25	-1.83	---	-1.54	1.41	-.73	-1.13	2.90	1.94	3.28	3.34	3.27	2.57
EOM	-1.93	-2.20	-1.87	1.37	-1.80	-1.53	2.88	3.78	3.29	3.21	3.36	3.16
MEAN	-1.71	---	-1.62	.39	.55	-1.19	.13	2.03	2.76	3.09	3.11	3.09
MAX	-1.11	---	-1.15	3.11	1.64	.80	2.91	3.78	3.48	3.45	3.62	3.81
MIN	-2.01	---	-2.28	-2.27	-1.80	-2.08	-1.51	.75	1.54	2.53	2.51	2.16



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

321

WELL NUMBER.--254215080201503. Local Number G 1074B. USGS Observation Well at South Miami, FL.

LOCATION.--Lat 25°42'15", long 80°20'15", in SE1/4SE1/4 sec.28, T.54 S., R.40 E., Hydrologic Unit 03090202, in the Alexander Orr Wellfield of the Miami-Dade Water and Sewer Authority 0.15 mi west of Galloway Road and 0.20 mi north of Sunset Drive.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 39.0 ft, cased to 17 ft.

INSTRUMENTATION.--Digital water-level recorder.

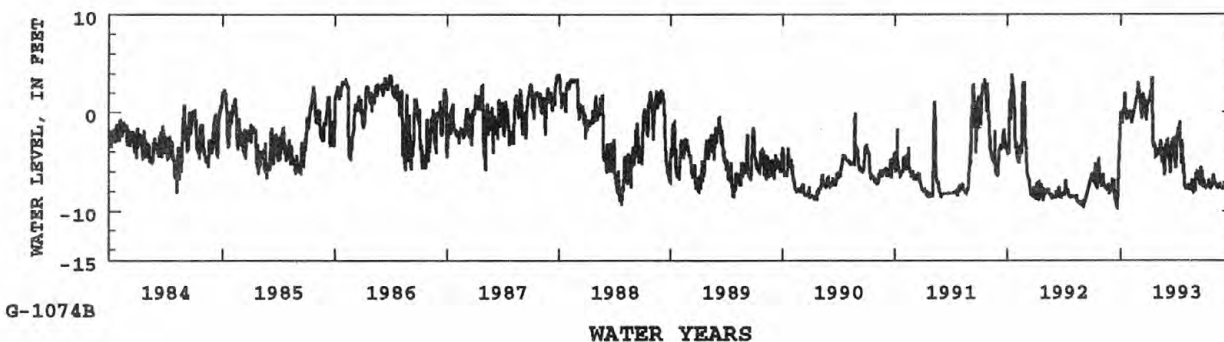
DATUM.--Land-surface datum is 10.18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of metal base, 3.30 ft above land-surface datum.

PERIOD OF RECORD.--October 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.91 ft NGVD, Oct. 1-2, 1987; lowest, 9.52 ft below NGVD, June 3, 1992.

STATION NUMBER 254215080201503 G -1074B
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-1.03	-.32	.65	2.07	-3.72	-4.56	-1.57	-7.68	-6.12	-7.62	-7.34	-7.50
10	.06	---	1.63	3.53	-3.83	-5.63	-.92	-7.71	-6.79	-7.46	-7.64	-7.08
15	2.04	---	1.18	-3.55	-3.76	-4.13	-5.26	-7.85	-6.26	-7.42	-7.46	-6.79
20	-.04	---	-.14	-3.52	-5.49	-2.76	-3.58	-6.80	-7.40	-7.63	-7.48	-6.40
25	-.46	---	.74	-4.20	-3.21	-4.97	-7.19	-7.95	-7.49	-7.34	-7.66	-6.64
EOM	.06	2.50	1.02	-4.08	-3.13	-4.25	-7.76	-6.97	-7.45	-6.92	-7.69	-6.47
MEAN	---	---	.75	-1.46	-4.25	-4.39	-4.05	-7.67	-6.63	-7.35	---	-6.86
MAX	---	---	2.11	3.53	-2.83	-2.73	-.92	-6.80	-5.52	-6.36	---	-5.84
MIN	---	---	-.86	-4.53	-6.41	-6.17	-7.76	-8.05	-7.61	-7.68	---	-7.62



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254217080171801. Local Number F 319. USGS Observation Well at South Miami, FL.

LOCATION.--Lat 25°42'17", long 80°17'18", in SE1/4SE1/4 sec.25, T.54 S., R.40 E., Hydrologic Unit 03090202, in parking lot, on west side of North 1st Street, north of Sunset Drive in South Miami, 0.1 mi south of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 17 ft cased to 13 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 11.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.69 ft above land-surface datum.

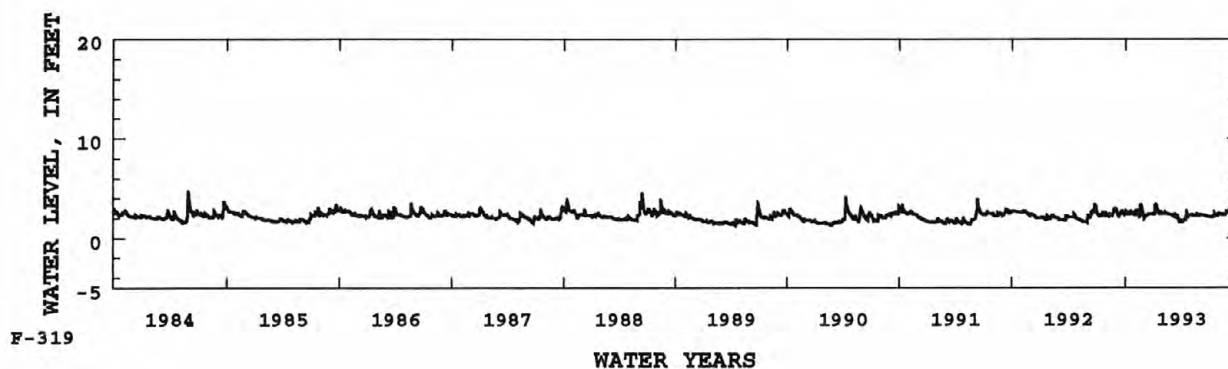
PERIOD OF RECORD.--January 1940 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.86 ft NGVD, Oct. 11, 1947; lowest, 0.47 ft NGVD, May 17, 1945.

STATION NUMBER 254217080171801 F - 319
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.60	2.71	2.21	3.13	2.48	2.27	1.75	2.35	---	2.13	2.34	2.75
10	2.44	2.82	2.32	3.21	2.49	2.09	1.84	2.25	---	2.06	2.40	3.02
15	2.61	2.37	2.39	2.64	2.43	2.12	1.73	2.23	---	2.38	2.35	3.04
20	2.56	3.31	2.45	2.43	2.34	2.07	2.20	2.43	---	2.27	2.38	2.62
25	2.56	2.81	2.43	2.53	2.37	1.73	2.32	2.30	---	2.26	2.55	2.57
EOM	2.38	2.05	2.38	2.43	2.36	1.62	2.30	---	---	2.53	2.67	2.64
MEAN	2.53	2.67	2.34	2.64	2.43	2.03	2.05	---	---	2.25	2.44	2.76
MAX	2.67	3.38	2.45	3.25	2.54	2.33	2.86	---	---	2.57	2.72	3.16
MIN	2.37	2.05	1.91	2.41	2.34	1.62	1.61	---	---	2.03	2.27	2.55

CAL YR 1992 MEAN 2.28 MAX 3.38 MIN 1.57



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

323

WELL NUMBER.--254248080263801. Local Number G 3473. USGS Observation Well near South Miami, FL.

LOCATION.--Lat 25°42'48", long 80°26'38", in NW1/4 sec.28, T.54 S., R.39 E., Hydrologic Unit 03090202, on north side of Miller Road at Southwest 154 Court and 0.3 mi west of Southwest 152 Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20.4 ft, cased to 20.4 ft.

INSTRUMENTATION.--Digital water-level recorder.

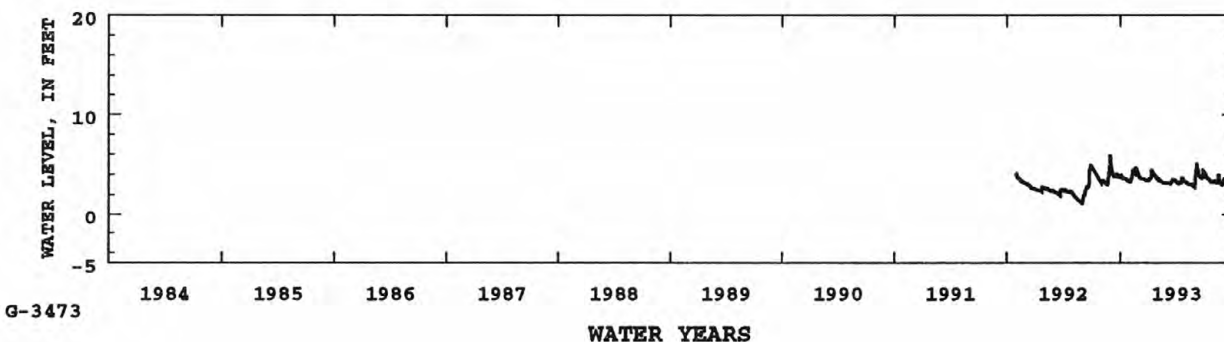
DATUM.--Land-surface datum is 7.46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.30 ft above land-surface datum.

PERIOD OF RECORD.--October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.92 ft NGVD, Aug. 29, 1992; lowest, 1.03 ft NGVD, June 2, 1992.

STATION NUMBER 254248080263801 G -3473
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.78	3.57	3.64	3.62	3.46	3.16	3.20	3.12	4.50	3.73	3.22	3.37
10	3.61	4.41	3.60	4.42	3.29	3.11	3.23	3.04	4.04	3.57	3.21	3.24
15	3.59	4.18	3.58	4.12	3.21	3.27	3.15	3.06	3.95	3.52	3.58	3.59
20	3.56	4.54	3.48	3.92	3.13	3.56	3.49	2.93	3.81	3.26	3.11	3.33
25	3.42	4.30	3.40	3.69	3.24	3.47	3.35	2.83	4.29	3.26	2.98	3.18
EOM	3.30	3.86	3.44	3.51	3.21	3.26	3.25	4.46	---	3.39	3.55	3.14
MEAN	3.57	4.09	3.54	3.85	3.27	3.32	3.32	3.08	---	3.50	3.27	3.32
MAX	3.83	4.80	3.79	4.42	3.48	3.61	3.72	4.46	---	3.96	3.90	3.59
MIN	3.30	3.28	3.40	3.51	3.13	3.07	3.15	2.78	---	3.21	2.98	3.14



DADE COUNTY

WELL NUMBER.--254335080170501. Local Number G 432. USGS Observation Well near Coral Gables, FL.

LOCATION.--Lat 25°43'35", long 80°17'05", in NW1/4SW1/4SW1/4 sec.19, T.54 S., R.41 E., Hydrologic Unit 03090202, at the northwest corner of intersection of Blue Road and Alhambra Circle, 28 ft west of Alhambra Circle and 6 ft north of Blue Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 99.5 ft, cased to 97.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.99 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

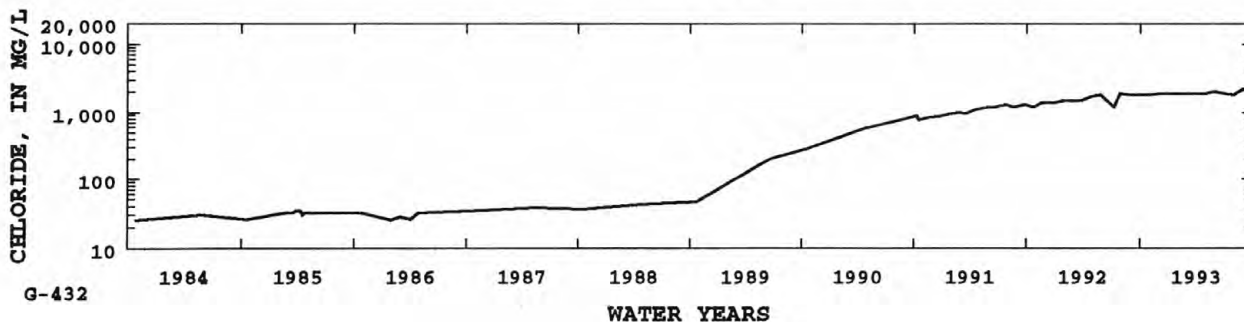
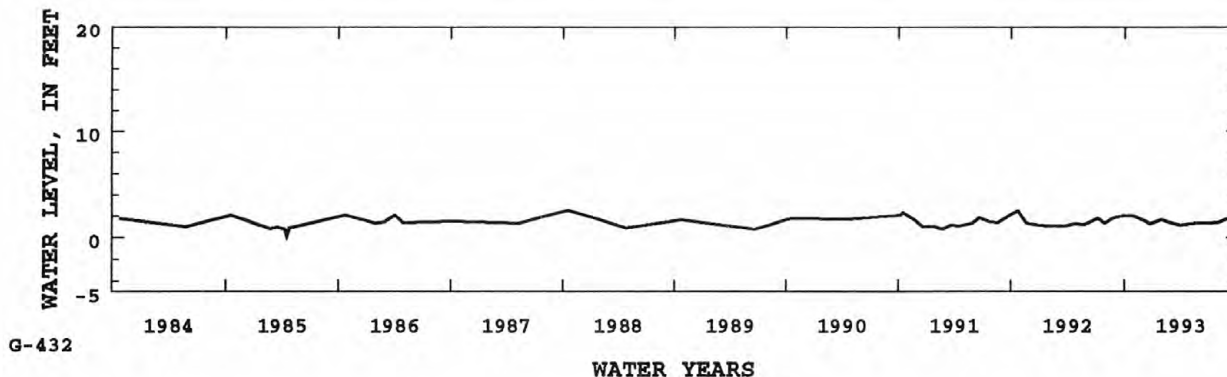
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1983 to October 1984 (semi-annually), February 1985 to April 1985 (weekly), January 1986 to April 1986 (monthly), October 1986 to October 1990 (semi-annually). November 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.52 ft NGVD, Oct. 20, 1987; lowest measured, 0.11 ft NGVD, April 15, 1985.

254335080170501 - G - 432

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAY				
28...	0844	5550	1800	2.00	27...	0914	6100	2000	1.31
DEC					JUN				
07...	1520	5200	1900	1.50	28...	0920	5950	1900	1.31
24...	0835	5960	1900	1.28	JUL				
JAN					29...	0923	6220	1800	1.35
28...	0908	5880	1900	1.64	AUG				
FEB					26...	0851	6230	2200	1.66
24...	0837	5970	1900	1.38	SEP				
MAR					30...	0912	6200	2000	1.71
29...	0843	5850	1900	1.11					
APR									
29...	0908	5940	1900	1.22					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

325

DADE COUNTY

WELL NUMBER.--254421080260201. Local Number G 3439. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°44'21", long 80°26'02", in SE1/4NE1/4 sec.16, T.54 S., R.39 E., Hydrologic Unit 03090202, on north side of SW 30th St., 500 ft west of SW 147th Avenue, 0.75 mi north of Bird Rd. 15 mi west of Miami. Owner: U.S. Geological Survey.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

INSTRUMENTATION.--Digital water-level recorder.

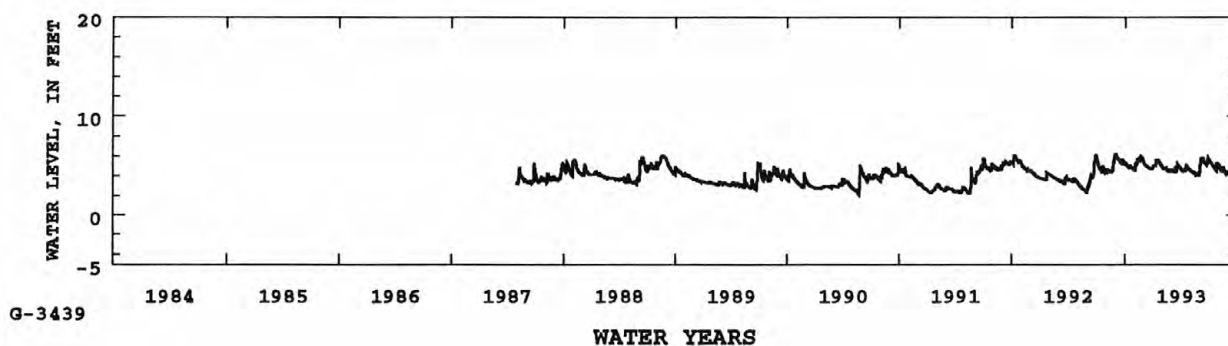
DATUM.--Land-surface datum is 5.79 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.17 ft NGVD, Aug. 30-31, 1992; lowest, 2.15 ft NGVD, May 23, 1990.

STATION NUMBER 254421080260201 G -3439
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.13	5.03	5.09	5.01	4.78	4.54	4.69	4.40	5.80	---	4.61	4.38
10	4.94	5.68	4.98	5.64	4.76	4.39	4.62	4.25	5.63	---	4.42	4.35
15	4.88	5.66	4.87	5.55	4.54	4.63	4.49	4.23	5.29	---	4.67	4.71
20	5.01	5.88	4.78	5.37	4.41	5.06	4.83	4.16	5.27	4.57	4.24	---
25	4.77	5.85	4.72	5.05	4.60	4.89	4.66	4.09	5.75	4.88	4.17	---
EOM	4.62	5.42	4.95	4.83	4.60	4.63	4.52	5.47	---	5.12	4.48	---
MEAN	4.93	5.51	4.91	5.24	4.63	4.72	4.66	4.32	---	---	4.49	---
MAX	5.20	5.91	5.32	5.64	4.79	5.14	5.17	5.47	---	---	5.03	---
MIN	4.62	4.58	4.71	4.83	4.41	4.35	4.45	4.05	---	---	4.10	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254444080144801. Local Number F 179. USGS Observation Well near South Miami, FL.

LOCATION.--Lat 25°44'44", long 80°14'48", in SE1/4NW1/4 sec.16, T.54 S., R.41 E., Hydrologic Unit 03090202, at northwest corner of Southwest 24th Terrace and 32nd Avenue, 0.5 mi north of U.S. Highway 1, and 3.8 mi northeast of South Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 77 ft.

INSTRUMENTATION.--Digital water-level recorder.

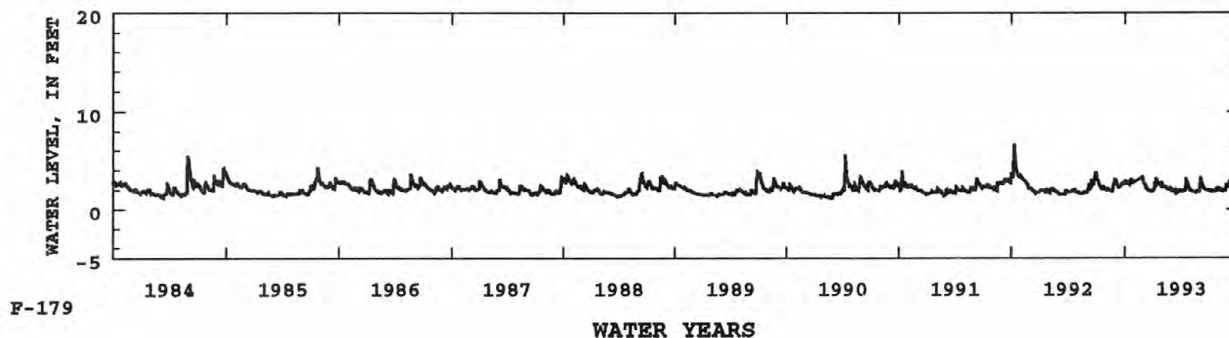
DATUM.--Land-surface datum is 8.77 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plywood base, 2.49 ft above land-surface datum.

PERIOD OF RECORD.--January 1939 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.21 ft NGVD, Oct. 14, 1947; lowest, 0.69 ft NGVD, Mar. 18, 1943.

STATION NUMBER 254444080144801 F - 179
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.88	---	2.45	2.65	2.29	1.98	1.87	1.90	2.65	1.83	1.98	2.61
10	2.62	---	2.13	3.09	2.25	1.78	1.99	1.82	2.24	1.86	2.01	2.61
15	2.55	---	1.97	2.63	2.09	1.79	1.91	1.79	2.05	1.93	1.96	3.03
20	3.07	---	1.97	2.51	1.99	1.81	2.59	1.89	1.99	1.95	1.93	2.87
25	2.94	---	1.81	2.61	2.03	1.89	2.18	1.87	1.93	1.96	2.49	2.51
DOM	---	2.79	1.95	2.48	2.04	1.84	1.95	3.30	1.96	2.14	2.37	2.40
MEAN	---	---	2.08	2.57	2.17	1.88	2.15	1.89	2.23	1.94	2.12	2.66
MAX	---	---	2.69	3.09	2.41	2.00	3.18	3.30	3.29	2.22	2.51	3.03
MIN	---	---	1.81	2.06	1.99	1.70	1.75	1.76	1.92	1.79	1.83	2.31



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

327

DADE COUNTY

WELL NUMBER.--254500080360001. Local Number G 618. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°45'40", long 80°36'00", in NE1/4NE1/4 sec.12, T.54 S., R.37 E., Hydrologic Unit 03090202, on southside of U.S. Highway 41, 6.1 mi west of Krome Avenue, and 25 mi west of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft, cased to 11 ft.

INSTRUMENTATION.--Digital water-level recorder.

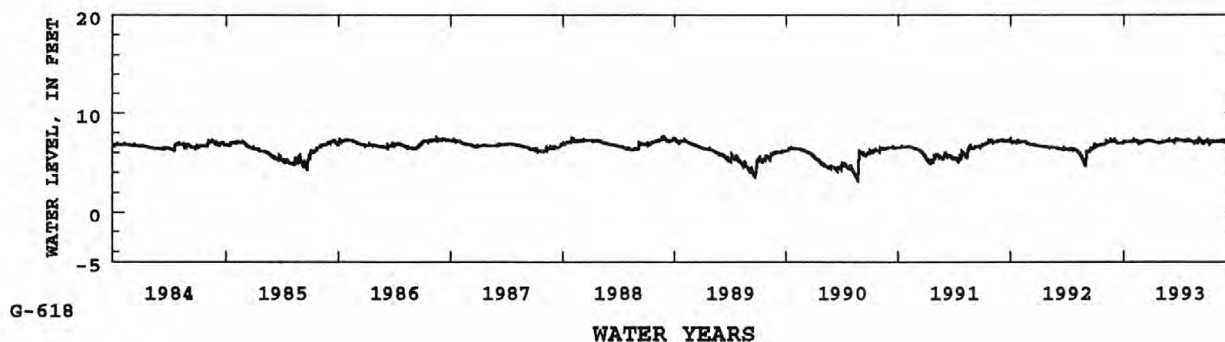
DATUM.--Land-surface datum is 7.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.75 ft above land-surface datum.

PERIOD OF RECORD.--January 1950 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.52 ft NGVD, Nov. 2, 1960; lowest, 2.56 ft NGVD, May 2, 1962.

STATION NUMBER 254500080360001 G - 618
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	7.19	---	---	7.11	7.15	7.24	---	7.19	6.93	7.11	7.05
10	---	7.27	7.16	---	---	7.14	7.22	---	7.03	7.12	7.10	7.13
15	---	7.04	7.19	---	---	7.18	7.18	7.08	7.03	7.16	7.20	7.20
20	---	7.10	7.21	---	7.14	7.26	7.20	7.07	7.12	7.13	7.11	7.18
25	---	7.04	---	6.97	7.17	7.28	7.17	7.01	7.17	7.10	7.14	7.14
EOM	7.14	6.95	---	7.03	7.17	7.23	7.19	7.38	7.04	7.19	7.04	7.14
MEAN	---	7.09	---	---	---	7.21	7.21	---	7.12	7.10	7.12	7.14
MAX	---	7.27	---	---	---	7.29	7.28	---	7.39	7.19	7.29	7.24
MIN	---	6.95	---	---	---	7.13	7.17	---	6.90	6.93	6.97	7.02



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--254741080162101. Local Number G 3328. USGS Observation Well at Miami Springs, FL.

LOCATION.--Lat 25°47'41", long 80°16'21", in SE1/4SE1/4 sec.30, T.53 S., R.41 E., Hydrologic Unit 03090202, on the south side of the access roadway to the terminals at the Miami International Airport and 0.5 mi west of Le Jeune Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 54 ft, cased to 53 ft.

INSTRUMENTATION.--Digital water-level recorder.

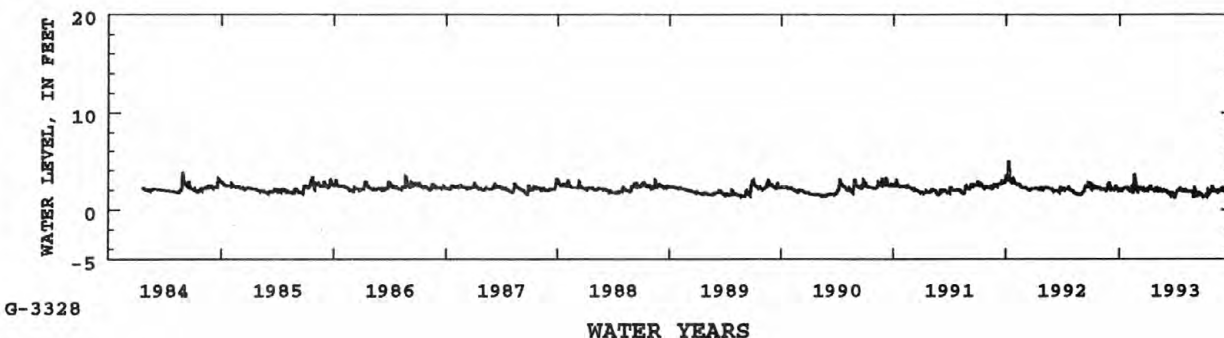
DATUM.--Land-surface datum is 8.75 ft above National Geodetic Vertical Datum of 1929. Measuring Point: Top of plywood base, 1.50 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.87 ft NGVD, Oct. 9, 1991; lowest, 1.18 ft NGVD, Mar. 29, 1993.

STATION NUMBER 254741080162101 G -3328
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.10	2.02	2.25	2.10	1.99	1.82	1.86	1.91	1.69	1.37	1.76	1.99
10	2.02	2.35	2.21	2.42	2.03	1.62	1.97	1.82	1.32	1.38	1.87	2.27
15	2.10	1.75	2.08	2.05	1.78	1.56	1.96	1.84	1.78	1.94	1.90	2.54
20	2.19	3.41	1.98	2.00	1.90	1.83	1.99	1.87	1.64	1.78	1.93	2.20
25	2.24	2.44	2.03	2.03	1.81	1.35	2.00	1.79	1.44	1.78	2.00	2.04
EOM	1.99	1.71	1.95	1.95	1.91	1.50	1.93	2.31	1.37	2.06	2.02	2.08
MEAN	2.11	2.31	2.07	2.08	1.93	1.61	1.93	1.81	1.58	1.70	1.92	2.17
MAX	2.27	3.64	2.30	2.42	2.13	1.92	2.27	2.31	2.27	2.32	2.05	2.54
MIN	1.88	1.71	1.79	1.95	1.78	1.18	1.59	1.28	1.27	1.33	1.75	1.82
CAL YR 1992 MEAN 2.10 MAX 3.64 MIN 1.46												
WTR YR 1993 MEAN 1.94 MAX 3.64 MIN 1.18												



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

329

WELL NUMBER.--254752080181501. Local Number G 3329. USGS Observation Well at Miami Springs, FL.

LOCATION.--Lat 25°47'52", long 80°18'15", in SW1/4SW1/4 sec.25, T.53 S., R.40 E., Hydrologic Unit 03090202, on the west side of Miami International Airport, 314 ft north of NW 25th Street and 0.5 mi east of Milam Dairy Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 54 ft, cased to 53 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plywood base, 3.20 ft above land-surface datum.

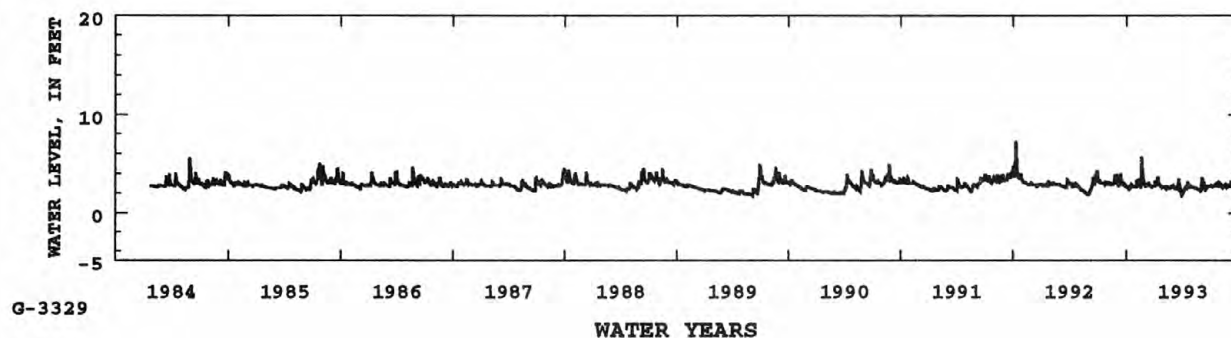
PERIOD OF RECORD.--January 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.28 ft NGVD, Oct. 9, 1991; lowest, 1.82 ft NGVD, June 5, 1989 and Mar. 29-30, 1993.

STATION NUMBER 254752080181501 G -3329
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.63	3.08	2.89	2.92	2.53	2.53	2.41	2.61	3.03	2.68	2.60	2.87
10	2.42	3.41	2.91	3.60	2.64	2.39	2.60	2.49	2.41	2.67	2.69	4.13
15	2.56	2.74	2.78	2.83	2.48	2.67	2.63	2.48	2.58	2.94	2.81	3.62
20	2.82	4.68	2.68	2.69	2.55	2.98	2.77	2.42	2.74	2.90	2.63	3.01
25	2.67	3.46	2.70	2.67	2.69	2.17	2.70	2.35	2.77	2.73	2.85	2.74
EOM	2.60	2.75	2.70	2.61	2.69	1.98	2.60	3.56	2.67	2.85	2.68	2.83
MEAN	2.63	3.34	2.78	2.89	2.60	2.52	2.62	2.50	2.73	2.81	2.70	3.14
MAX	2.84	5.65	2.95	3.60	2.78	3.54	3.21	3.56	3.56	3.06	2.87	4.13
MIN	2.41	2.59	2.63	2.60	2.46	1.82	2.08	2.30	2.31	2.67	2.57	2.63

CAL YR 1992 MEAN 2.87 MAX 5.65 MIN 1.78
WTR YR 1993 MEAN 2.77 MAX 5.65 MIN 1.82



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--254813080161501. Local Number G 1351. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°48'13", long 80°16'15", in NW1/4SW1/4NE1/4 sec.29, T.53 S., R.41 E., Hydrologic Unit 03090202, approximately 3 ft north of access road between canal and fence behind the former Eastern Airlines hanger west of Le Jeune Road

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 103 ft, cased to 100 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.52 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

REMARKS.--Well also used for salinity monitoring.

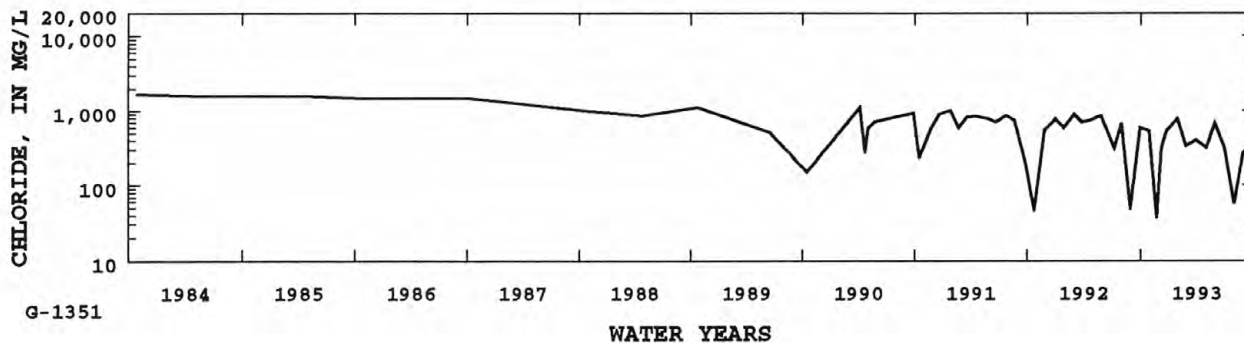
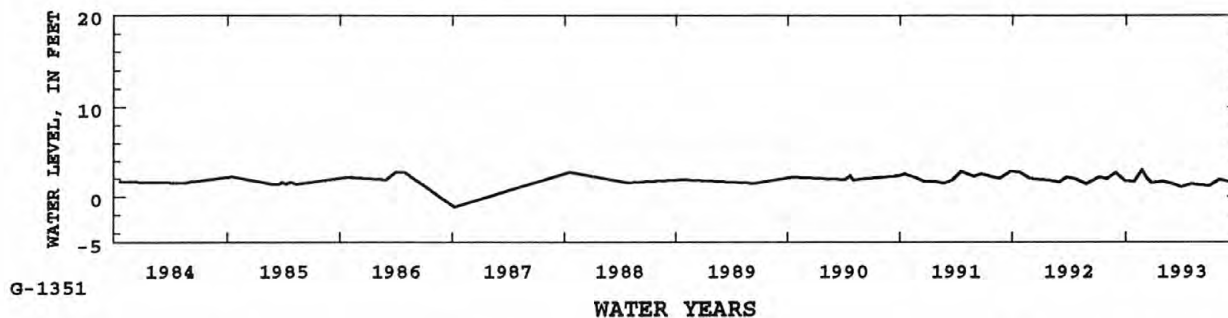
PERIOD OF RECORD.--October 1975 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.93 ft NGVD, Nov. 23, 1992; lowest measured, 1.18 ft below NGVD, Oct. 7, 1986 .

254813080161501 - G -1351

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
28...	1243	1840	530	1.71	30...	1320	1150	320	1.42
NOV					MAY				
23...	1454	241	36	2.93	27...	1158	2380	680	1.27
DEC					JUN				
07...	1429	1110	310	2.11	28...	1155	1310	320	1.22
24...	1058	1950	530	1.53	JUL				
JAN					29...	1203	296	56	1.93
28...	1142	2600	780	1.68	AUG				
FEB					26...	1148	1000	260	1.67
24...	1109	1210	340	1.50	SEP				
MAR					30...	1138	1450	360	1.84
29...	1214	1470	400	1.05					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

331

WELL NUMBER.--254823080163701. Local Number G 3327. USGS Observation Well at Miami Springs, FL.

LOCATION.--Lat 25°48'23", long 80°16'37", in NW1/4NE1/4 sec.30, T.53 S., R.41 E., Hydrologic Unit 03090202, in the former Pan Am International Flight Academy parking lot, 0.2 mi south of NW 36th Street and 1.3 mi west of Le Jeune Road.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 54 ft, cased to 53 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 7.36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plywood base, 1.70 ft above land-surface datum.

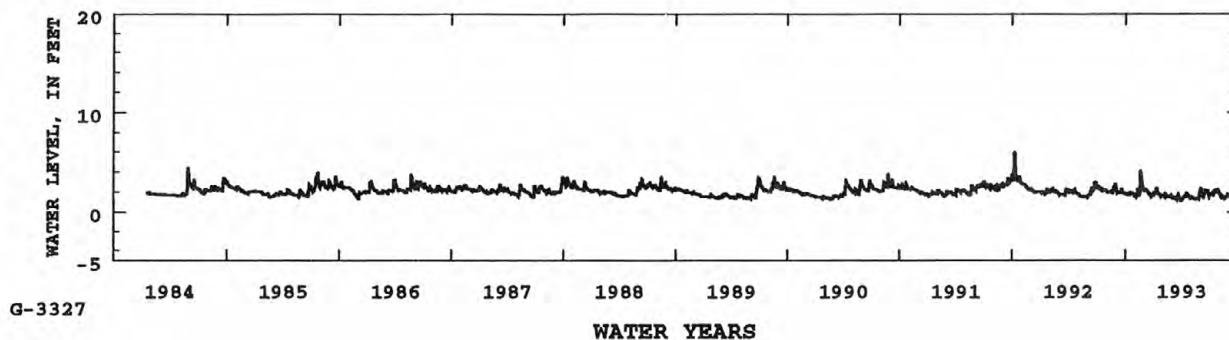
PERIOD OF RECORD.--May 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.05 ft NGVD, Oct. 9, 1991; lowest, 1.11 ft NGVD, Mar. 29, 1993.

STATION NUMBER 254823080163701 G -3327
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.83	1.76	2.26	1.88	1.61	1.43	1.42	1.39	1.64	1.83	1.47	1.64
10	1.68	2.23	2.08	2.33	1.64	1.28	1.53	1.32	1.36	1.77	1.47	2.30
15	1.68	1.73	1.85	1.78	1.45	1.33	1.47	1.33	2.05	2.07	1.48	2.45
20	1.89	3.70	1.71	1.69	1.48	1.72	1.63	1.38	2.06	2.10	1.42	2.01
25	1.82	2.74	1.62	1.62	1.50	1.29	1.54	1.31	1.77	2.04	1.60	1.77
EOM	1.58	2.07	1.64	1.61	1.55	1.19	1.42	2.42	1.80	1.82	1.64	1.72
MEAN	1.77	2.33	1.88	1.81	1.56	1.40	1.51	1.44	1.81	1.94	1.53	1.95
MAX	1.92	4.13	2.28	2.33	1.72	1.72	1.96	2.42	2.42	2.17	1.80	2.45
MIN	1.58	1.49	1.58	1.59	1.44	1.11	1.24	1.29	1.36	1.68	1.35	1.53

CAL YR 1992 MEAN 1.98 MAX 4.13 MIN 1.40
WTR YR 1993 MEAN 1.74 MAX 4.13 MIN 1.11



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254823080175201. Local Number G 3465. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°48'23", long 80°17'52", in SE1/4NW1/4 sec.25, T.53 S., R.40 E., Hydrologic Unit 03090202, located next to the parking lot of USDA, 600 ft south of NW 36th Street on NW 36th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 28.8 ft, cased to 28.8 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 7.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.00 ft above land-surface datum.

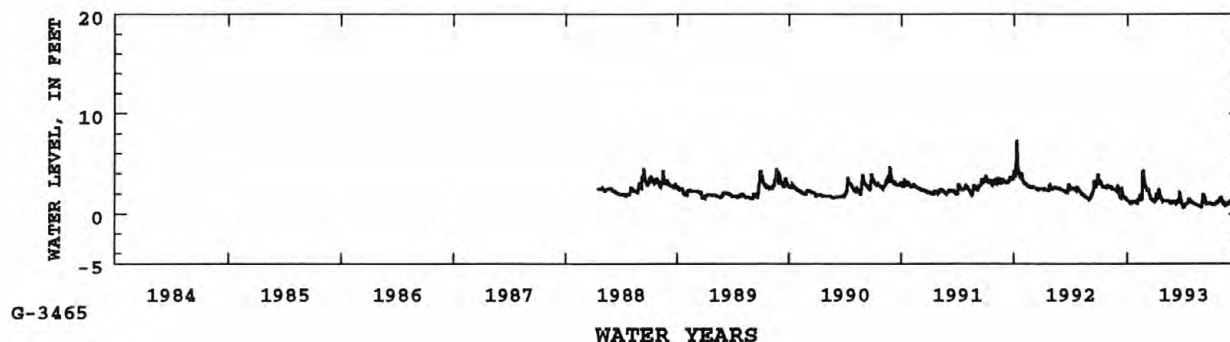
PERIOD OF RECORD.--January 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.34 ft NGVD, Oct. 9, 1991; lowest, 0.61 ft NGVD, Mar. 31, 1993.

STATION NUMBER 254823080175201 G -3465
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.31	1.44	2.52	1.75	1.30	1.18	.89	1.01	1.72	.91	1.10	1.20
10	1.09	1.81	2.08	2.40	1.30	1.15	1.03	.93	1.22	.92	1.07	2.52
15	1.05	1.58	1.65	1.72	1.15	1.37	1.04	.91	1.01	1.20	1.09	2.40
20	1.29	4.25	1.42	1.47	1.05	1.80	1.41	.81	1.09	1.20	.88	1.81
25	1.23	3.28	1.30	1.32	1.27	1.12	1.24	.77	1.08	1.28	1.14	1.35
DOM	1.10	2.66	1.36	1.34	1.30	.61	1.09	1.76	.96	1.48	1.01	1.21
MEAN	1.21	2.39	1.80	1.67	1.23	1.26	1.11	.91	1.24	1.17	1.08	1.67
MAX	1.34	4.28	2.60	2.40	1.33	2.05	1.51	1.76	1.93	1.72	1.44	2.55
MIN	1.05	1.04	1.30	1.29	1.01	.61	.66	.73	.94	.89	.85	.97

WTR YR 1993 MEAN 1.39 MAX 4.28 MIN .61



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

333

WELL NUMBER.--254832080175001. Local Number S 19. USGS Observation Well at Virginia Gardens, FL.

LOCATION.--Lat 25°48'32", long 80°17'50", in NW1/4NE1/4 sec.25, T.53 S., R.40 E., Hydrologic Unit 03090202, at intersection of Northwest 62nd Avenue and 39th Street in Virginia Gardens, and 6.8 mi west of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 95 ft, cased to 91 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 7.24 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.08 ft above land-surface datum.

REMARKS.--Water-levels affected by pumping in the Hialeah-Miami Springs Wellfield.

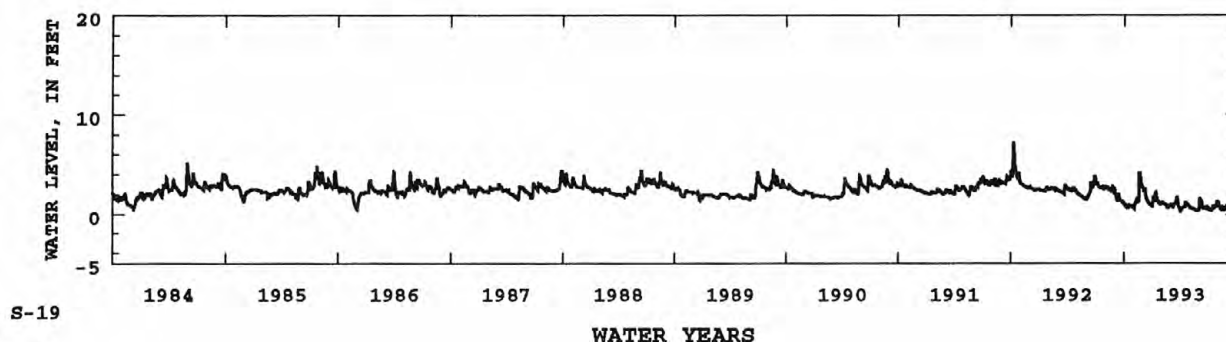
PERIOD OF RECORD.--January 1939 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.63 ft NGVD, Oct. 11, 1947; lowest, 1.41 ft below NGVD, June 18-21, 1945.

STATION NUMBER 254832080175001 S - 19
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	.89	1.08	2.49	1.40	1.06	.80	.54	.60	1.35	.42	.65	.70
10	.67	1.43	1.81	2.11	.96	.91	.69	.52	.78	.43	.59	2.11
15	.60	1.18	1.34	1.45	.77	1.04	.68	.48	.59	.73	.60	1.96
20	.84	4.11	1.06	1.15	.68	1.52	1.06	.40	.65	.72	.40	1.41
25	.79	3.16	.92	1.02	.88	.82	.88	.37	.63	.83	.69	.92
EOM	.69	2.61	.96	1.00	.93	.30	.69	1.46	.51	1.06	.55	.72
MEAN	.78	2.12	1.52	1.35	.88	.95	.77	.51	.82	.70	.60	1.23
MAX	.95	4.14	2.54	2.11	1.06	1.80	1.17	1.46	1.63	1.31	1.00	2.12
MIN	.60	.59	.90	.97	.66	.30	.33	.34	.51	.39	.37	.52

CAL YR 1992 MEAN 2.11 MAX 4.14 MIN .59
WTR YR 1993 MEAN 1.02 MAX 4.14 MIN .30



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254834080171601. Local Number G 3466. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°48'34", long 80°17'16", in SW1/4SW1/4 sec.19, T.53 S., R.41 E., Hydrologic Unit 03090202, located .25 mi north of Fairway Drive on the east side of Eldron Drive on the north side of the parking lot at Miami Springs Golf Course.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 19.5 ft, cased to 19.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

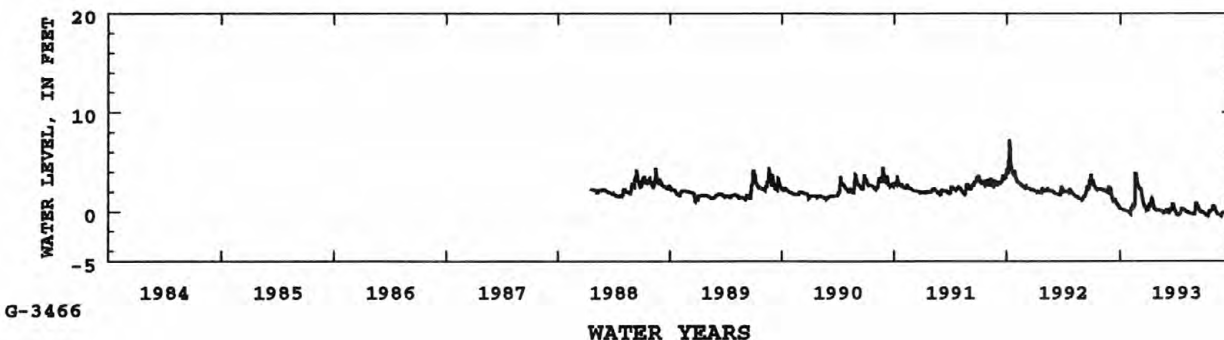
DATUM.--Land-surface datum is 7.63 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.26 ft NGVD, Oct. 9, 1991; lowest, 0.39 ft below NGVD, July 10, 1993.

STATION NUMBER 254834080171601 G -3466
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	.15	2.31	.68	.11	.01	-.33	-.04	.71	-.33	.15	-.08
10	---	.55	1.56	1.32	.10	.18	-.21	-.12	.37	-.39	-.20	1.27
15	---	.53	.82	.78	-.02	.12	-.17	-.17	.03	.06	-.26	---
20	---	3.86	.49	.28	-.17	.74	.30	-.22	.02	.03	-.35	---
25	---	3.06	.21	.17	.06	.21	.18	-.26	-.09	.16	-.26	---
EOM	-.08	2.48	.14	.12	.18	-.21	.05	.35	-.19	.50	-.16	---
MEAN	---	1.62	1.07	.55	.03	---	-.03	-.15	.22	-.03	-.14	---
MAX	---	3.88	2.42	1.32	.18	---	.31	.35	.91	.56	.42	---
MIN	---	-.20	.14	.12	-.18	---	-.34	-.30	-.19	-.39	-.38	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

335

WELL NUMBER.--254839080162301. Local Number G 3467. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°48'39", long 80°16'23", in SW1/4SW1/4 sec.20, T.53 S., R.41 E., Hydrologic Unit 03090202, East Drive Park, .10 mi south of Labaron Drive on East Drive. Located on east side of street next to the park parking lot.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 27.5 ft, cased to 27.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

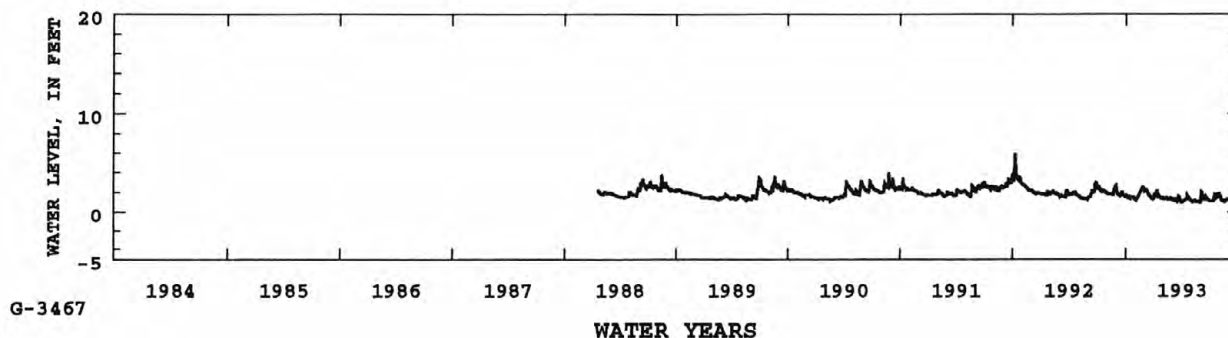
DATUM.--Land-surface datum is 2.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.83 ft NGVD, Oct. 9, 1991; lowest, 0.95 ft NGVD, Mar. 30, 1993.

STATION NUMBER 254839080162301 G -3467
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.62	---	2.25	1.70	1.35	1.24	1.17	1.09	1.59	1.11	1.24	1.41
10	1.43	---	2.01	2.17	1.40	1.08	1.25	1.03	1.20	1.12	1.16	2.14
15	1.39	---	1.67	1.61	1.23	1.20	1.19	1.05	1.59	1.80	1.20	2.24
20	1.58	---	1.53	1.48	1.21	1.57	1.46	1.08	1.37	1.47	1.12	1.85
25	1.49	---	1.37	1.37	1.27	1.17	1.26	1.03	1.20	1.61	1.31	1.57
EOM	1.24	2.22	1.44	1.40	1.31	1.00	1.13	2.02	1.13	1.60	1.39	1.47
MEAN	1.49	---	1.75	1.62	1.32	1.22	1.26	1.09	1.38	1.44	1.26	1.74
MAX	1.68	---	2.25	2.17	1.49	1.57	1.67	2.02	2.02	1.89	1.60	2.24
MIN	1.24	---	1.35	1.33	1.21	.95	1.02	.96	1.07	1.10	1.09	1.28



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--254841080164401. Local Number G 571. USGS Observation Well near Miami Springs, FL.

LOCATION.--Lat 25°48'41", long 80°16'44", in SE1/4NW1/4SE1/4 sec.19, T.53 S., R.41 E., Hydrologic Unit 03090202, at northeast corner of intersection of Labaron and De Leon Drive, 60 ft north of edge of Labaron and 20 ft east of edge of De Leon Drive.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2.5 in., depth 94.5 ft, cased to 94.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

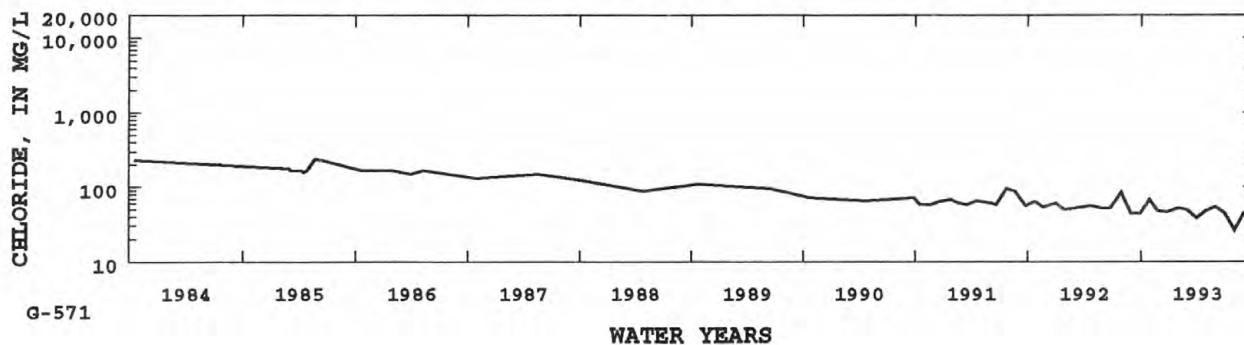
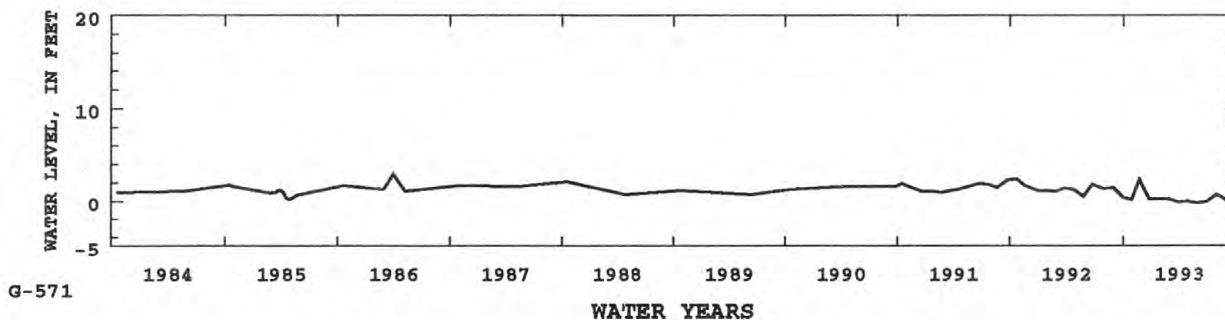
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1975 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.86 ft NGVD, Mar. 30, 1986; lowest measured, 1.00 ft below NGVD, May 16, 1983.

254841080164401 - G - 571

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS	CL)	AS	CL)	(FEET)	AS	CL)	AS	CL)	(FEET)
OCT					MAY				
28...	1120	539	68	0.15	05...	1405	--	--	-0.08
NOV					27...	1105	500	54	-0.15
23...	1254	550	48	2.33	JUN				
DEC					28...	1113	521	44	-0.03
24...	1019	534	46	0.27	JUL				
JAN					29...	1122	522	26	0.72
28...	1051	588	52	0.28	AUG				
FEB					26...	1123	526	44	0.18
24...	1035	515	50	0.23	SEP				
MAR					30...	1105	525	48	0.33
29...	1117	521	38	-0.12					
APR									
29...	1120	540	48	0.03					



DADE COUNTY

WELL NUMBER.--254855080163701. Local Number G 548. USGS Observation Well near Miami Springs, FL.

LOCATION.--Lat 25°48'55", long 80°16'37", in NE1/4SE1/4SW1/4 sec.19, T.53 S., R.41 E., Hydrologic Unit 03090202, at the northwest corner of intersection of Pinecrest and Lavilla Drive , 58 ft west of center of Lavilla Drive and 30 ft north of center of Pinecrest Drive.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 97.3 ft, cased to 91.4 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

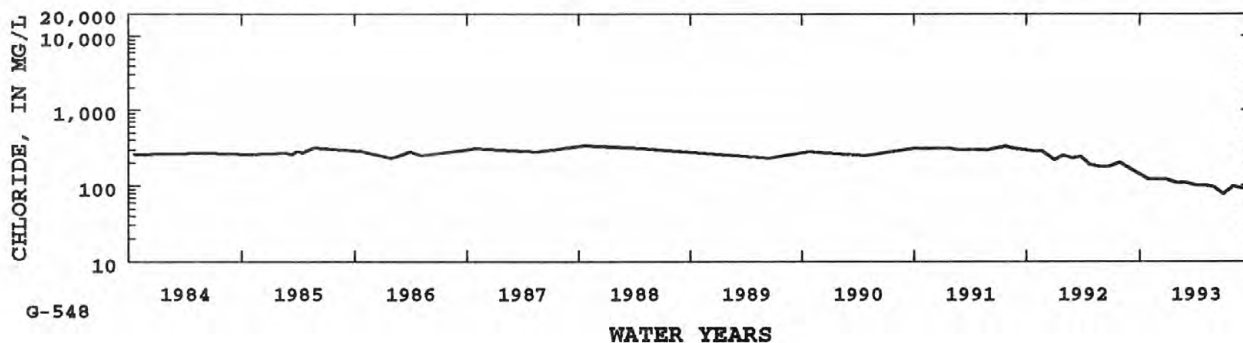
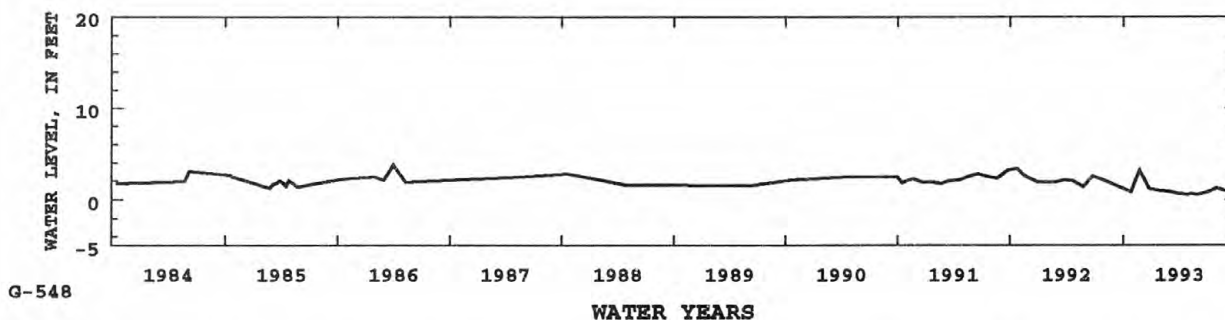
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1975 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.78 ft NGVD, Mar. 30, 1986; lowest measured, 0.43 ft NGVD, June 10, 1982.

254855080163701 - G - 548

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					MAY				
28...	1109	765	120	0.83	05...	1358	--	--	0.62
NOV					27...	1053	725	96	0.58
23...	1243	790	120	3.16	JUN				
DEC					28...	1101	722	76	0.74
24...	1007	775	120	1.18	JUL				
JAN					29...	1107	723	98	1.29
28...	1040	745	110	0.99	AUG				
FEB					26...	1112	720	92	0.99
24...	1024	748	110	0.89	SEP				
MAR					30...	1053	705	94	1.04
29...	1107	727	100	0.61					
APR									
29...	1110	736	100	0.59					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254857080171101. Local Number S 68. USGS Observation Well at Miami Springs, FL.

LOCATION.--Lat 25°48'57", long 80°17'11", in SW1/4NW1/4 sec.19, T.53 S., R.41 E., Hydrologic Unit 03090202, in center median of Curtis Parkway, 75 ft northeast of Deer Run in Miami Springs, and 6.4 mi northwest of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 61 ft, cased to 51 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.23 ft above land-surface datum.

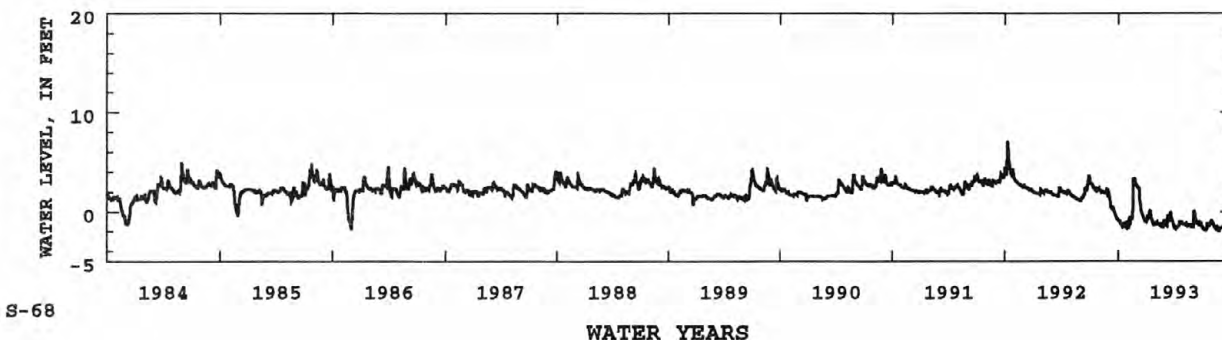
REMARKS.--Water-levels affected by pumping in the Hialeah-Miami Springs Wellfield.

PERIOD OF RECORD.--January 1940 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.08 ft NGVD, Oct. 9, 1991; lowest, 4.39 ft below NGVD, May 5, 1981.

STATION NUMBER 254857080171101 S - 68
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-1.00	-.80	2.35	-.57	-1.31	-1.33	-1.63	-1.33	-.65	-1.81	-1.48	-1.55
10	-1.28	-.84	.89	.06	-1.33	-.45	-1.51	-1.41	-1.12	-1.94	-1.61	-.37
15	-1.46	-.79	---	-.67	-1.27	-.91	-1.40	-1.34	-1.14	-1.24	-1.66	-.25
20	-1.24	3.27	---	-.92	-1.55	-.57	-1.04	-1.41	-1.30	-1.32	-1.93	-.60
25	-1.56	2.87	-.98	-1.21	-1.07	-.94	-1.16	-1.57	-1.06	-1.28	-1.62	-1.11
EOM	-1.52	2.54	-1.09	-1.25	-.91	-1.67	-1.31	-.47	-1.66	-1.03	-1.64	-1.39
MEAN	-1.29	.79	---	-.81	-1.29	-.97	-1.36	-1.36	-1.07	-1.48	-1.66	-.94
MAX	-.89	3.39	---	.06	-.91	-.04	-1.03	-.47	.08	-.87	-1.16	-.19
MIN	-1.62	-1.66	---	-1.32	-1.57	-1.67	-1.69	-1.60	-1.66	-1.94	-1.95	-1.67



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

339

WELL NUMBER.--254830080284201. Local Number G 1488. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°49'07", long 80°28'57", in SW1/4SW1/4 sec.19, T.53 S., R.39 E., Hydrologic Unit 03090202, 20 ft east of Krome Avenue, 4 mi north of U.S. Highway 41, and 13.0 mi west of Miami.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

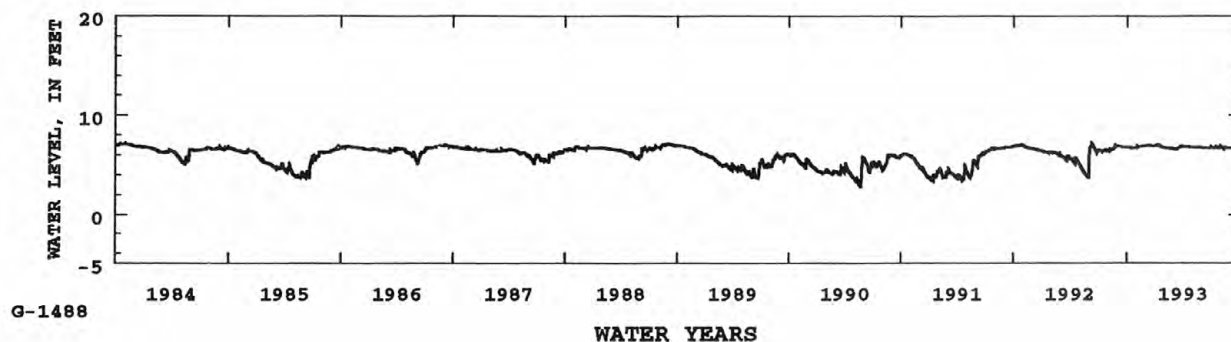
DATUM.--Land-surface datum is 7.43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--May 1970 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.51 ft NGVD, Aug. 22, 1981; lowest, 2.74 ft NGVD, May 23, 1990.

STATION NUMBER 254830080284201 G -1488
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.72	6.75	---	6.88	6.65	6.53	---	---	---	6.65	6.64	6.65
10	6.70	6.80	---	6.97	6.64	---	---	---	---	6.64	6.61	6.68
15	---	6.77	6.88	6.86	6.62	---	---	---	---	6.66	6.68	6.74
20	---	6.83	6.87	6.75	6.56	---	---	---	---	6.62	6.64	6.68
25	6.64	6.86	6.85	6.70	6.57	6.85	---	---	6.64	6.66	6.62	6.66
EOM	6.62	---	6.86	6.67	6.57	---	---	---	6.71	6.72	6.61	6.65
MEAN	---	---	---	6.81	6.62	---	---	---	---	6.67	6.64	6.68
MAX	---	---	---	6.98	6.67	---	---	---	---	6.83	6.75	6.76
MIN	---	---	---	6.67	6.56	---	---	---	---	6.62	6.60	6.63



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--255023080202301. Local Number G 976. USGS Observation Well near Miami Springs, FL.

LOCATION.--Lat 25°49'18", long 80°25'33", in SW1/4NE1/4 sec.22, T.53 S., R.39 E., Hydrologic Unit 03090202, 0.75 mi southwest of the Northwest well field, 1.50 mi east of the Dade/Broward Levee, 4.25 mi north of U.S. Highway 41, and 7.0 mi west of Miami Springs.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 15 ft.

REVISED RECORDS.--WDR FL-79-2B: 1978.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 5.32 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 7.00 ft above land-surface datum.

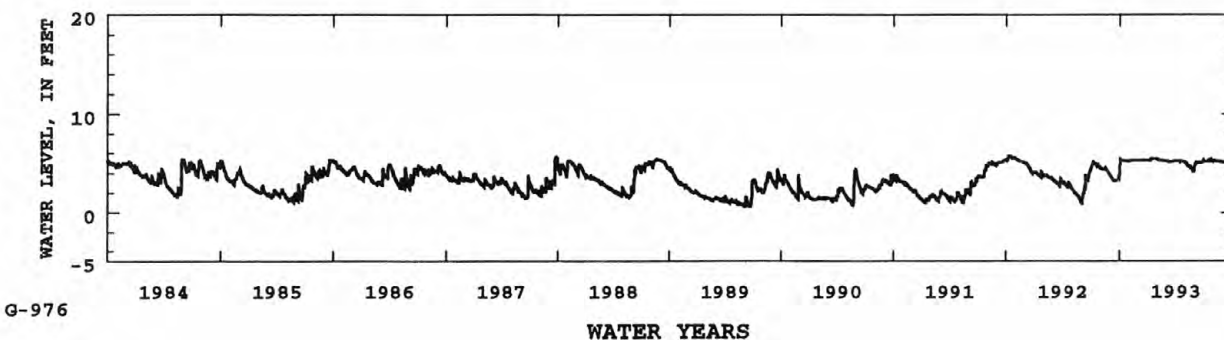
REMARKS.--Water-levels affected by pumping in the Northwest Wellfield.

PERIOD OF RECORD.--January 1959 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.72 ft NGVD, Sept. 10, 30, 1960; lowest, 0.61 ft NGVD, June 20-24, 1989.

STATION NUMBER 255023080202301 G - 976
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.35	---	---	---	5.32	5.21	5.26	4.99	5.10	5.20	5.26	5.12
10	---	---	---	5.52	5.30	5.13	---	4.76	5.11	5.19	5.21	---
15	---	---	---	5.52	---	5.16	5.21	4.67	5.07	5.28	5.25	5.31
20	---	---	---	5.52	5.25	---	5.23	4.54	5.11	5.17	5.19	5.24
25	5.23	---	---	---	---	---	5.17	4.26	5.15	5.29	5.14	---
EOM	5.21	---	---	5.42	---	5.27	5.09	4.99	5.20	5.30	5.13	5.18
MEAN	---	---	---	---	---	---	---	4.64	---	5.24	5.22	---
MAX	---	---	---	---	---	---	---	5.06	---	5.36	5.30	---
MIN	---	---	---	---	---	---	---	4.18	---	5.16	5.12	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

341

DADE COUNTY

WELL NUMBER.--254940080172002. Local Number G 1283. USGS Observation Well near Miami Springs, FL.

LOCATION.--Lat 25°49'40", long 80°17'20", in NW1/4SW1/4 sec.18, T.53 S., R.41 E., Hydrologic Unit 03090202, 100 ft southwest of Miami Canal on northeast side of Poinciana Boulevard, at Northwest 56th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 13. 5 ft, cased to 9.41 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.58 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.73 ft above land-surface datum.

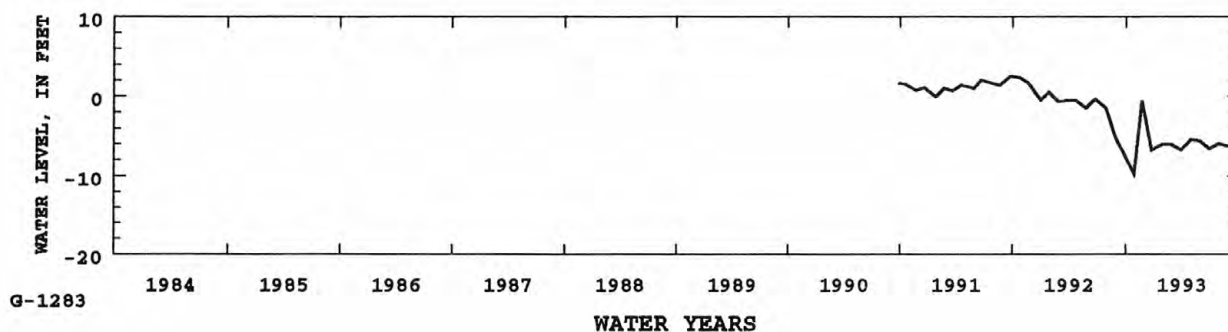
PERIOD OF RECORD.--February 1966 to December 1978 (daily), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.47 ft NGVD, Sept. 24, 1991; lowest measured, 9.72 ft below NGVD, Oct. 28, 1992.

254940080172002 - G -1283

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
28...	1017	-9.72	29...	1031	-5.52
NOV			MAY		
23...	1216	-0.62	27...	1014	-5.67
DEC			JUN		
24...	0940	-6.79	28...	1025	-6.61
JAN			JUL		
28...	1011	-6.02	29...	1039	-5.98
FEB			AUG		
24...	0945	-6.01	26...	1012	-6.33
MAR			SEP		
29...	0954	-6.74	30...	1023	-6.18



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--254943080121501. Local Number F 45. USGS Observation Well at Miami, FL.

LOCATION.--Lat 25°49'43", long 80°12'15", in NE1/4SW1/4 sec.13, T.53 S., R.41 E., Hydrologic Unit 03090202, at corner of NW 58th Street and 5th Avenue in Miami, and 1.3 mi west of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 84.9 ft.

REVISED RECORDS.--WDR FL-85-2B: 1984

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of lip of recorder shelf, 3.00 ft above land-surface datum.

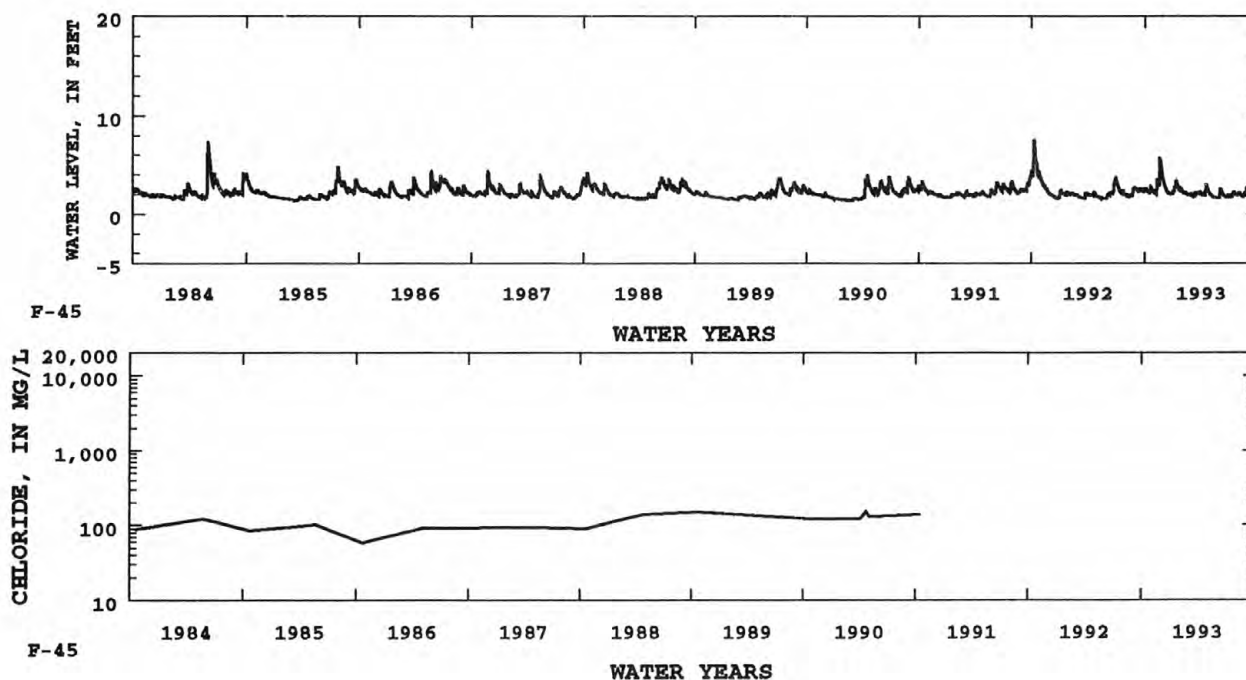
PERIOD OF RECORD.--September 1939 to current year. Records of water levels prior to October 1973 are available files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.10 ft NGVD, Sept. 10, 24, 1960; lowest, 1.10 ft NGVD, Apr. 14, 15, 1979.

STATION NUMBER 254943080121501 F - 45
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.59	2.16	2.78	2.72	2.28	1.90	2.04	1.83	2.29	1.83	2.00	2.70
10	2.34	3.49	2.40	3.28	2.15	1.83	1.98	1.70	1.96	1.94	1.82	2.50
15	2.20	3.08	2.18	2.83	2.02	2.11	1.82	---	1.81	2.25	1.78	2.98
20	2.69	5.30	2.10	2.49	1.93	2.19	2.66	---	1.73	1.96	1.97	2.76
25	2.43	4.40	2.04	2.38	1.97	2.20	2.26	---	1.68	1.98	2.60	2.62
EOM	2.20	3.37	2.10	2.27	2.07	2.09	1.98	2.45	1.85	2.19	2.86	2.64
MEAN	2.41	3.50	2.34	2.63	2.09	2.06	2.20	---	1.96	1.97	2.13	2.71
MAX	2.69	5.55	3.22	3.28	2.30	2.31	3.01	---	2.52	2.25	2.86	2.98
MIN	2.15	2.04	2.01	2.27	1.91	1.79	1.82	---	1.68	1.72	1.77	2.46

CAL YR 1992 MEAN 2.25 MAX 5.55 MIN 1.50



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

343

DADE COUNTY

WELL NUMBER.--254950080171202. Local Number G 1368A. USGS Observation Well at Hialeah, FL.

LOCATION.--Lat 25°49'50", long 80°17'12", in SW1/4NW1/4 sec.18, T.53 S., R.41 E., Hydrologic Unit 03090202, near main building and shop of Miami Preston Water Plant in Hialeah, and 0.3 mi east of N.W. 57th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 39 ft, cased to 38.4 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

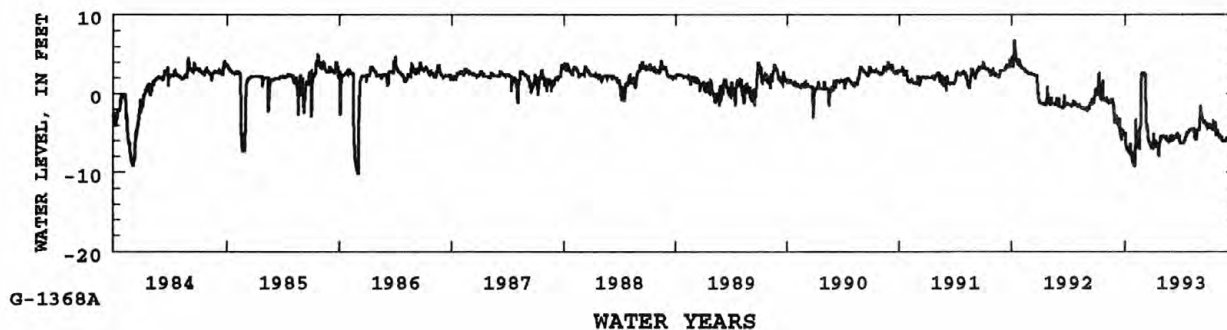
REMARKS.--Water-levels affected by pumping in Preston Wellfield.

PERIOD OF RECORD.--April 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.75 ft NGVD, Oct. 9, 1991; lowest, 14.01 ft below NGVD, Apr. 28, 29, 1981.

STATION NUMBER 254950080171202 G -1368A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-6.53	-4.56	2.35	-6.39	-5.39	-5.71	-6.26	-4.62	-2.69	-4.50	-5.62	-5.69
10	-7.22	-5.97	-4.21	-6.47	-5.51	-5.49	-5.96	-4.58	-3.27	-4.64	-5.79	-5.12
15	-7.53	-6.71	-5.43	-6.37	-5.98	-5.72	-5.83	-5.64	-3.58	-3.88	-6.04	-4.53
20	-7.33	-4.16	-6.31	-6.82	-6.10	-5.28	-5.01	-5.81	-3.81	-3.66	-6.03	-4.73
25	-8.52	2.45	-6.70	-5.41	-5.52	-5.87	-4.99	-4.63	-4.22	-5.37	-5.70	-4.14
EOM	-9.02	2.58	-6.91	-5.43	-5.69	-6.26	-4.60	-1.91	-4.31	-5.47	-5.74	-5.62
MEAN	-7.32	-3.89	-3.95	-6.30	-5.72	-5.65	-5.52	-4.80	-3.52	-4.51	-5.78	-5.10
MAX	-4.95	2.61	2.54	-5.06	-5.39	-5.02	-4.60	-1.91	-1.57	-3.66	-5.19	-4.14
MIN	-9.02	-9.12	-6.91	-7.98	-6.14	-6.33	-6.31	-5.85	-4.33	-5.47	-6.06	-5.73
CAL YR 1992	MEAN -2.43	MAX 2.61	MIN -9.12									
WTR YR 1993	MEAN -5.18	MAX 2.61	MIN -9.12									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--254950080180801. Local Number G 3. USGS Observation Well at Miami Springs, FL.

LOCATION.--Lat 25°49'50", long 80°18'08", in NE1/4SW1/4 sec.13, T.53 S., R.40 E., Hydrologic Unit 03090202, at northwest corner of Hammond Drive and Ibis Avenue in Miami Springs and 0.30 mi east of FEC borrow pit.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 5.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder base, 3.00 ft above land-surface datum.

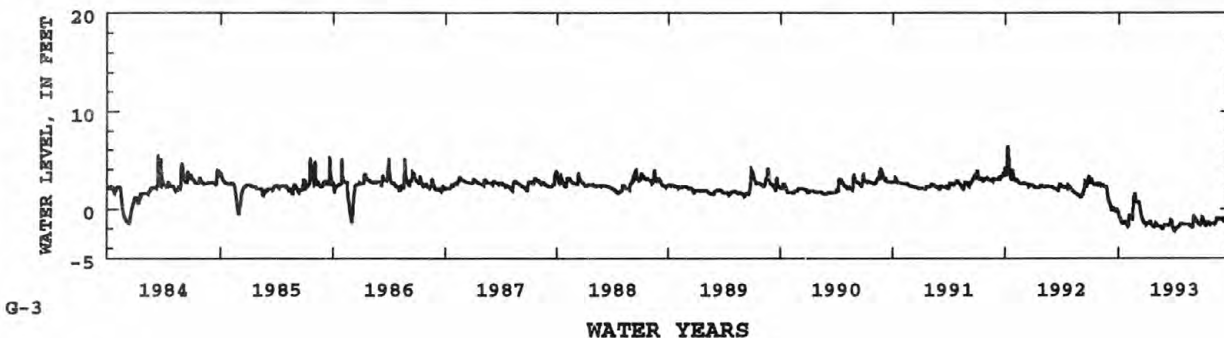
REMARKS.--Water-levels affected by pumping in the Hialeah-Miami Springs Wellfield.

PERIOD OF RECORD.--February 1940 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.68 ft NGVD, Oct. 11, 1947; lowest, 3.77 ft below NGVD, Apr. 14, 1978.

STATION NUMBER 254950080180801 G - 3
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-.83	-1.21	.62	-1.46	-1.75	-1.67	-2.02	-1.57	-1.09	-1.44	-1.46	-1.09
10	-1.25	-.89	.02	-1.31	-1.80	-1.71	-1.90	-1.56	-1.29	-1.69	-1.49	-1.16
15	-1.51	-.96	-.84	-1.53	-1.86	-1.63	-1.82	-1.59	-1.53	-1.41	-.98	-.57
20	-1.36	1.07	-1.27	-1.75	-2.04	-1.11	-1.58	-1.69	-1.58	-1.44	-1.01	-.48
25	-1.43	1.08	-1.48	-1.80	-1.81	-1.76	-1.54	-1.83	-1.46	-1.52	-1.12	-.85
EOM	-1.70	.68	-1.61	-1.50	-1.66	-2.20	-1.57	-1.13	-.99	-1.55	-1.09	-1.04
MEAN	-1.27	-.17	-.63	-1.59	-1.83	-1.66	-1.77	-1.65	-1.30	-1.49	-1.20	-.88
MAX	-.43	1.61	.66	-1.30	-1.57	-1.05	-1.54	-1.13	-.67	-1.10	-.98	-.40
MIN	-1.70	-1.76	-1.61	-1.90	-2.06	-2.20	-2.16	-1.91	-1.65	-1.69	-1.54	-1.19
CAL YR 1992	MEAN	1.26	MAX	3.33	MIN	-1.76						
WTR YR 1993	MEAN	-1.28	MAX	1.61	MIN	-2.20						



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

345

WELL NUMBER.--255008080161801. Local Number F 239. USGS Observation Well at Hialeah, FL.

LOCATION.--Lat 25°50'08", long 80°16'18", in NW1/4NW1/4 sec.17, T.53 S., R.41 E., Hydrologic Unit 03090202, 20 ft north of East 15th Street, 50 ft east of 5th Avenue in Hialeah, and 1.3 mi east of N.W. 57th Avenue.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 52.8 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.91 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

REMARKS.--Water levels affected by pumping in the Preston Wellfield.

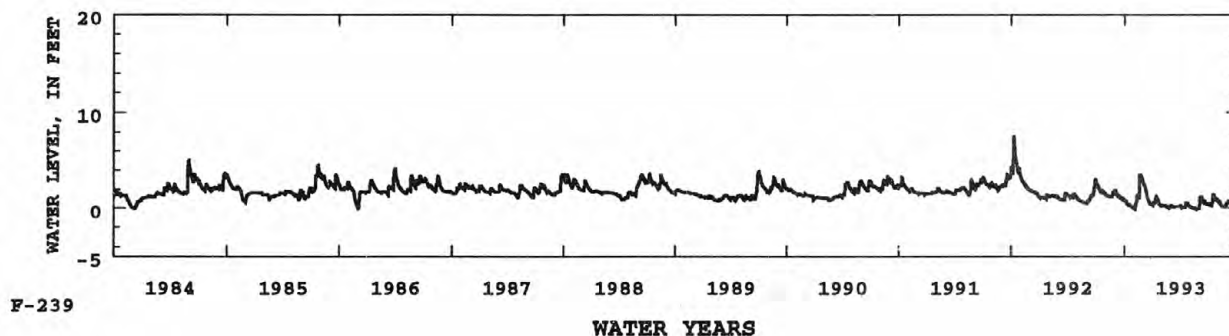
PERIOD OF RECORD.--January 1969 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.58 ft NGVD, Oct. 9, 1991; lowest, 1.44 ft below NGVD, Apr. 23, 1979.

STATION NUMBER 255008080161801 F - 239
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	.71	.28	2.28	.62	.25	.13	.10	.05	1.10	.38	.51	.72
10	.44	1.19	1.60	1.18	.27	---	.08	-.02	.75	.59	.27	1.19
15	.25	1.16	.93	.87	.11	---	.02	-.09	.74	1.42	.15	1.53
20	.27	3.49	.54	.50	.01	---	.52	-.13	.52	.96	.08	1.31
25	.14	3.22	.30	.31	.21	---	.32	-.12	.38	.92	.42	.85
EOM	-.07	2.71	.30	.31	.28	.22	.14	.81	.42	.77	.64	.60
MEAN	.33	1.79	1.14	.62	.19	---	.23	-.02	.69	.77	.36	1.01
MAX	.77	3.63	2.61	1.18	.31	---	.59	.81	1.14	1.42	.77	1.54
MIN	-.07	-.16	.29	.31	-.01	---	.02	-.16	.36	.31	.06	.54

CAL YR 1992 MEAN 1.20 MAX 3.63 MIN -.16



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--255026080240302. Local Number G 3259A. USGS Observation Well near Hialeah, FL.

LOCATION.--Lat 25°50'26", long 80°24'03", in SW1/4SW1/4 sec.12, T.53 S., R.39 E., Hydrologic Unit 03090202, on north side of NW 74th Street Extension, 0.8 mi west of Snapper Creek Canal Extension, 1.0 mi east of the Northwest Wellfield of the Miami-Dade Water and Sewer Authority, and 1.0 mi north of NW 58th Street.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 55 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 4.52 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plywood base: 2.91 ft above land-surface datum.

REMARKS.--Water-levels affected by pumping in the Northwest Wellfield.

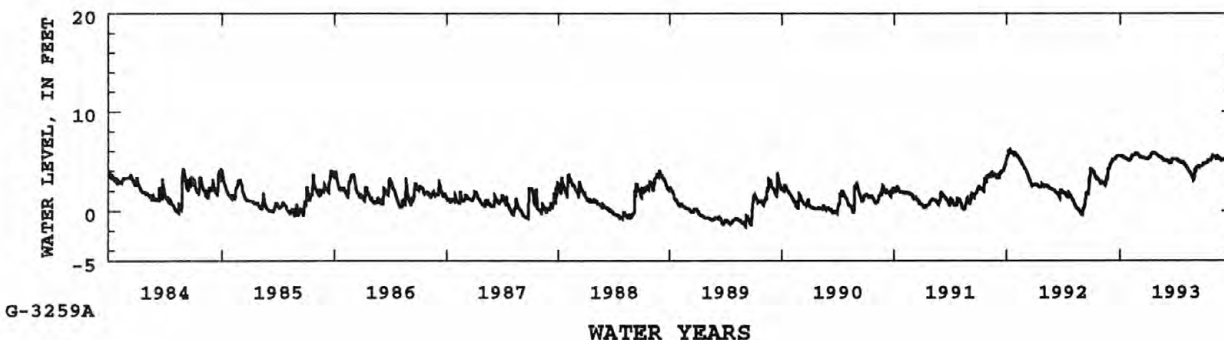
PERIOD OF RECORD.--May 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.03 ft NGVD, Oct. 11, 1991; lowest, 1.57 ft below NGVD, June 5, 1989.

STATION NUMBER 255026080240302 G -3259A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.49	5.17	5.38	5.33	5.38	4.96	5.05	4.35	4.24	4.79	5.34	5.07
10	5.41	5.49	5.31	5.69	5.32	4.84	4.96	4.02	4.40	4.83	5.16	5.03
15	5.29	5.56	5.31	5.78	5.19	4.84	4.84	3.79	4.45	5.03	5.30	5.27
20	5.21	5.62	5.25	5.79	5.05	5.13	4.90	3.52	4.48	5.00	5.18	5.30
25	5.13	5.72	5.19	5.65	5.04	5.19	4.75	3.19	4.53	5.23	5.06	5.15
EOM	5.03	5.58	5.17	5.54	5.05	5.17	4.56	4.19	4.73	5.42	5.07	5.07
MEAN	5.28	5.48	5.29	5.60	5.22	5.02	4.89	3.78	4.42	5.02	5.21	5.16
MAX	5.49	5.77	5.54	5.80	5.51	5.19	5.16	4.49	4.73	5.45	5.42	5.32
MIN	5.03	4.98	5.17	5.20	5.02	4.77	4.56	3.05	4.08	4.74	5.02	5.03

CAL YR 1992 MEAN 3.17 MAX 5.77 MIN -.40
WTR YR 1993 MEAN 5.03 MAX 5.80 MIN 3.05



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

347

WELL NUMBER.--255027080221602. Local Number G 3264A. USGS Observation Well near Hialeah, FL.

LOCATION.--Lat 25°50'27", long 80°22'16", in SE1/4SE1/4 sec.7, T.53 S., R.40 E., Hydrologic Unit 03090202, on the north side of NW 74th Street Extension, west of FPL right-of-way and 1.0 mi east of Snapper Creek Canal Extension.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 50 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 4.78 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of plywood base, 2.00 ft above land-surface datum.

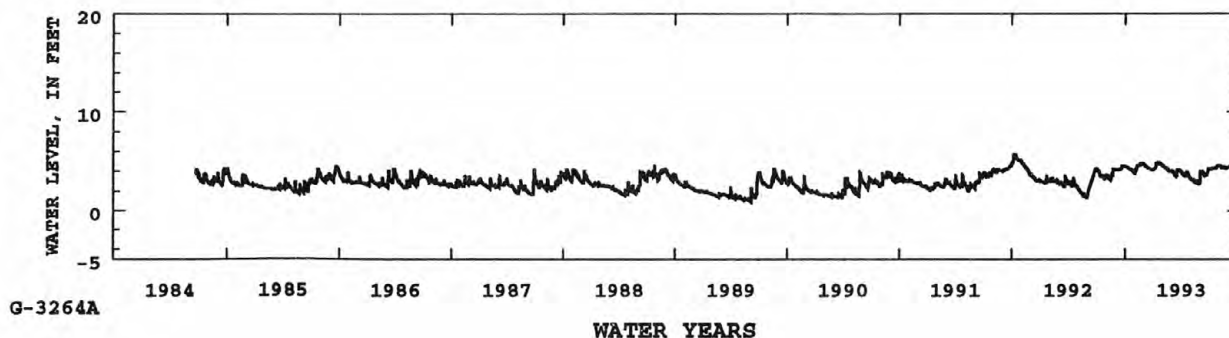
PERIOD OF RECORD.--June 1983 to May 1984 (quarterly), June 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.69 ft NGVD, Oct. 10, 1991; lowest, 0.89 ft NGVD, June 5, 1989.

STATION NUMBER 255027080221602 G -3264A
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.45	4.11	4.54	4.32	4.40	3.94	3.82	3.15	3.96	4.21	4.49	4.40
10	4.35	4.50	4.41	4.86	4.33	3.64	3.72	3.03	3.80	4.29	4.32	4.28
15	4.24	4.55	4.32	4.87	4.19	3.82	3.53	2.93	3.67	4.32	4.44	4.49
20	4.19	4.70	4.24	4.80	4.01	4.13	3.83	2.98	3.68	4.25	4.35	4.51
25	4.05	4.83	4.16	4.66	4.03	4.08	3.47	2.73	4.00	4.41	4.39	4.42
EOM	3.88	4.73	4.18	4.55	4.05	3.94	3.28	3.94	4.27	4.58	4.37	4.30
MEAN	4.22	4.49	4.33	4.63	4.21	3.94	3.68	3.00	3.86	4.34	4.40	4.40
MAX	4.45	4.83	4.68	4.88	4.54	4.13	3.93	3.94	4.27	4.58	4.58	4.54
MIN	3.88	3.77	4.15	4.21	3.98	3.51	3.28	2.66	3.47	4.16	4.22	4.28

WTR YR 1993 MEAN 4.13 MAX 4.88 MIN 2.66



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--255027080245501. Local Number G 3253. USGS Observation Well near Hialeah, FL.

LOCATION.--Lat 25°50'27", long 80°24'55", in SW1/4SW1/4 sec.11, T.53 S., R.39 E., Hydrologic Unit 03090202, in the Northwest Wellfield of the Miami-Dade Water and Sewer Authority, 500 ft east of supply well 8, on the south side of the wellfield road, 1.8 mi west of the Snapper Creek Canal Extension, and 1.0 mi north of N.W. 58th Street.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 5.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 4.17 ft above land-surface datum.

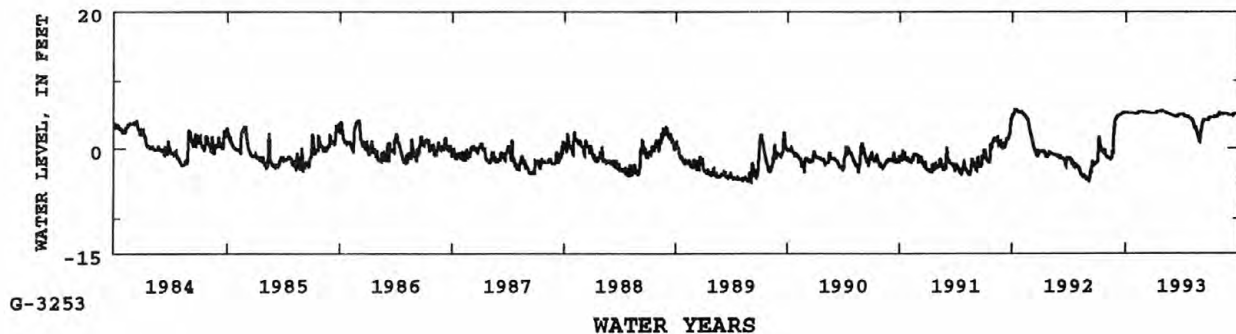
REMARKS.--Water levels affected by pumping in the Northwest Wellfield.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.81 ft NGVD, Oct. 9,10, 1991; lowest, 4.78 ft below NGVD, June 4, 1992.

STATION NUMBER 255027080245501 G -3253
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	5.04	4.02	3.79	4.61	5.16	---
10	---	5.33	---	5.50	---	---	4.80	3.27	---	---	---	4.98
15	---	---	---	5.54	---	4.73	4.66	2.96	4.22	4.83	---	5.11
20	5.23	5.42	---	---	---	5.00	4.67	2.15	4.26	4.80	5.14	5.18
25	---	---	---	---	---	---	4.56	1.26	4.39	5.01	5.12	---
EOM	---	5.43	5.21	---	---	---	4.35	2.70	4.62	5.22	---	---
MEAN	---	---	---	---	---	---	4.74	2.75	---	---	---	---
MAX	---	---	---	---	---	---	5.06	4.29	---	---	---	---
MIN	---	---	---	---	---	---	4.35	1.05	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

349

WELL NUMBER.--255208080274001. Local Number G 975. USGS Observation Well near Pennsuco, FL.

LOCATION.--Lat 25°52'08", long 80°27'40", in SW1/4SE1/4 sec.32, T.52 S., R.38 E., Hydrologic Unit 03090202, 1.0 mi southwest of junction of Pennsuco Canal and Dade/Broward Levee, 5.5 mi southwest of Pennsuco, and 7.5 mi north of U.S. Highway 41.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 15 ft.

INSTRUMENTATION.--Digital water-level recorder.

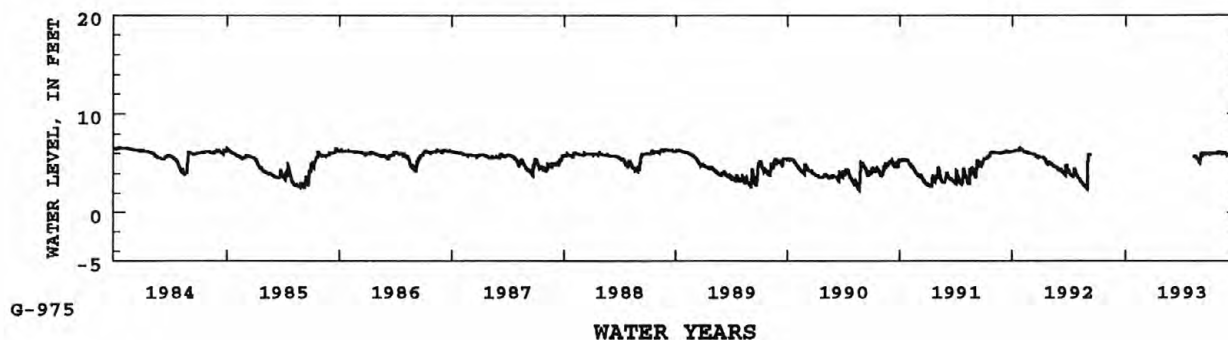
DATUM.--Land-surface datum is 7.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 7.08 ft above land-surface datum. (Corrected).

PERIOD OF RECORD.--July 1958 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.78 ft NGVD, Oct. 14, 1960; lowest, 2.07 ft NGVD, June 2, 1962.

STATION NUMBER 255208080274001 G - 975
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	5.79	6.01	5.99	6.00	5.98
10	---	---	---	---	---	---	---	5.73	5.96	5.96	5.89	6.00
15	---	---	---	---	---	---	5.88	5.65	6.06	6.05	6.06	6.07
20	---	---	---	---	---	---	5.96	5.45	5.96	5.98	5.96	6.03
25	---	---	---	---	---	---	5.87	5.15	5.97	6.05	5.85	6.01
EOM	---	---	---	---	---	---	5.80	5.89	5.99	6.13	5.91	5.99
MEAN	---	---	---	---	---	---	---	5.56	5.98	6.02	5.96	6.00
MAX	---	---	---	---	---	---	---	5.89	6.06	6.13	6.12	6.07
MIN	---	---	---	---	---	---	---	5.05	5.89	5.94	5.85	5.90



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--255209080212801. Local Number G 973. USGS Observation Well near Medley, FL.

LOCATION.--Lat 25°52'09", long 80°21'28", in NE1/4NE1/4 sec.5, T.53 S., R.40 E., Hydrologic Unit 03090202, on Russian Colony Road, 0.5 mi north of Medley, and 1.0 mi west of Miami Canal.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 15 ft.

REVISED RECORDS.--WDR FL-85-2B: 1978.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

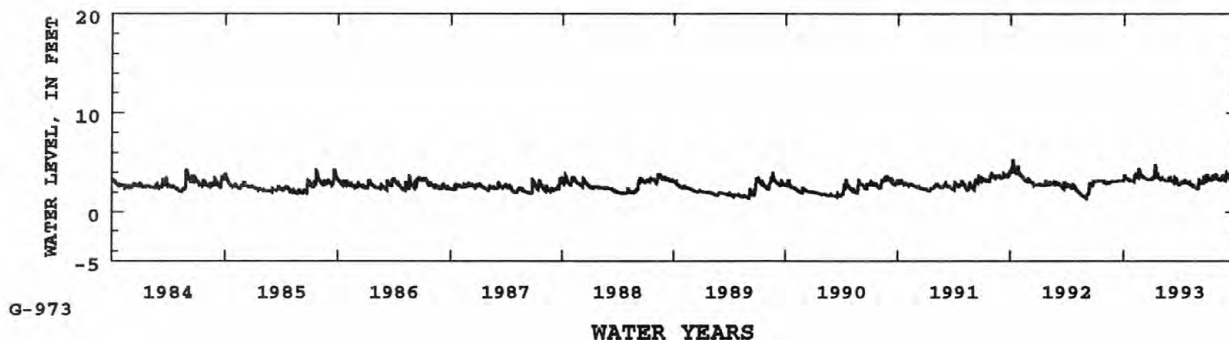
PERIOD OF RECORD.--April 1958 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.19 ft NGVD, July 25, 1958; lowest, 0.92 ft NGVD, May 31, 1962.

STATION NUMBER 255209080212801 G - 973
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.59	3.58	3.45	3.45	3.27	3.15	3.00	2.78	3.04	3.20	3.27	3.48
10	3.41	3.86	3.39	4.78	3.23	3.00	3.02	2.73	2.88	3.24	3.35	3.24
15	3.31	3.58	3.32	3.90	3.17	3.27	2.93	2.64	3.63	3.63	3.54	3.84
20	3.28	4.21	3.29	3.54	3.15	3.23	3.05	2.54	3.10	3.34	3.32	3.54
25	3.19	3.76	3.29	3.51	3.27	2.81	2.95	2.42	3.36	3.58	3.68	3.31
EOM	3.13	3.60	3.29	3.38	3.34	2.86	2.99	3.34	3.22	3.39	3.43	3.25
MEAN	3.32	3.70	3.36	3.66	3.25	3.09	2.99	2.64	3.16	3.39	3.42	3.46
MAX	3.63	4.37	3.54	4.80	3.38	3.47	3.28	3.34	3.72	3.79	3.83	3.92
MIN	3.13	3.09	3.26	3.37	3.15	2.70	2.87	2.37	2.87	3.19	3.20	3.22

WTR YR 1993 MEAN 3.29 MAX 4.80 MIN 2.37



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

351

WELL NUMBER.--255250080270801. Local Number G 594. USGS Observation Well near Miami, FL.

LOCATION.--Lat 25°52'50", long 80°27'08", in NW1/4NW1/4 sec.33, T.52 S., R.39 E., Hydrologic Unit 03090202, on the Dade/Broward Levee 3.0 mi west of N.W. 117 Avenue on N.W. 41 Street, 4.75 mi north and 1.25 mi west along Pennsuco Canal.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft, cased to 13.9 ft.

INSTRUMENTATION.--Digital water-level recorder.

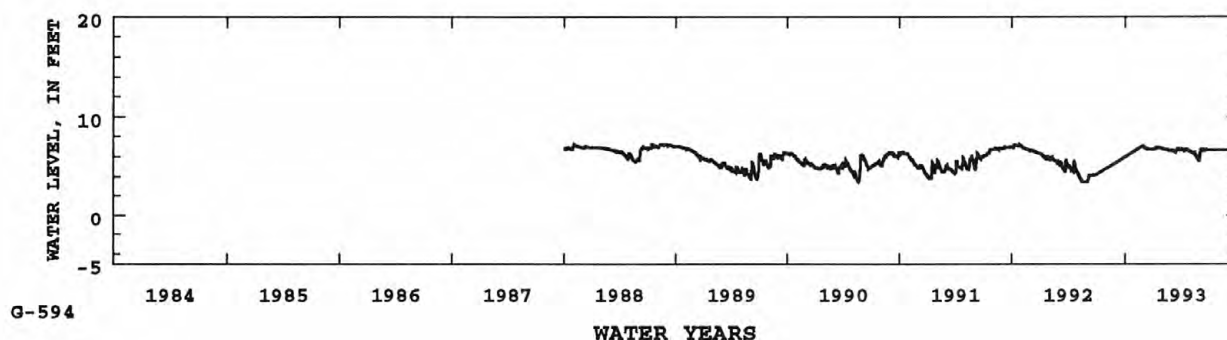
DATUM.--Land-surface datum is 11.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.00 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.27 ft NGVD, Aug. 20-22, 1988; lowest, 3.44 ft NGVD, May 21-22, 1990.

STATION NUMBER 255250080270801 G - 594
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	6.85	6.79	6.72	6.57	6.67	6.42	6.69	---	---	6.73
10	---	---	6.78	6.94	6.71	6.49	6.64	6.33	6.62	---	---	6.75
15	---	---	6.73	6.91	6.67	6.58	---	6.20	6.73	---	---	6.83
20	---	---	6.72	6.88	6.61	6.79	6.65	5.95	6.63	---	---	6.78
25	---	---	6.70	6.83	6.65	6.77	6.54	5.65	---	---	---	6.75
EOM	---	6.94	6.71	6.77	6.65	6.72	6.47	6.64	---	---	6.68	6.74
MEAN	---	---	6.76	6.85	6.68	6.66	---	6.14	---	---	---	6.76
MAX	---	---	6.91	6.94	6.76	6.79	---	6.64	---	---	---	6.83
MIN	---	---	6.69	6.74	6.59	6.45	---	5.59	---	---	---	6.69



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--255342080195501. Local Number G 1166. USGS Observation Well near Hialeah, FL.

LOCATION.--Lat 25°53'42", long 80°19'55", in SE1/4NE1/4 sec.27, T.52 S., R.40 E., Hydrologic Unit 03090202, on the east side of Northwest 82nd Avenue, 0.25 mi south of Northwest 138th Street, 0.5 mi west of Palmetto Expressway, and 1.2 mi west of Hialeah.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 18 ft, cased to 10.5 ft.

INSTRUMENTATION.--Digital water-level recorder.

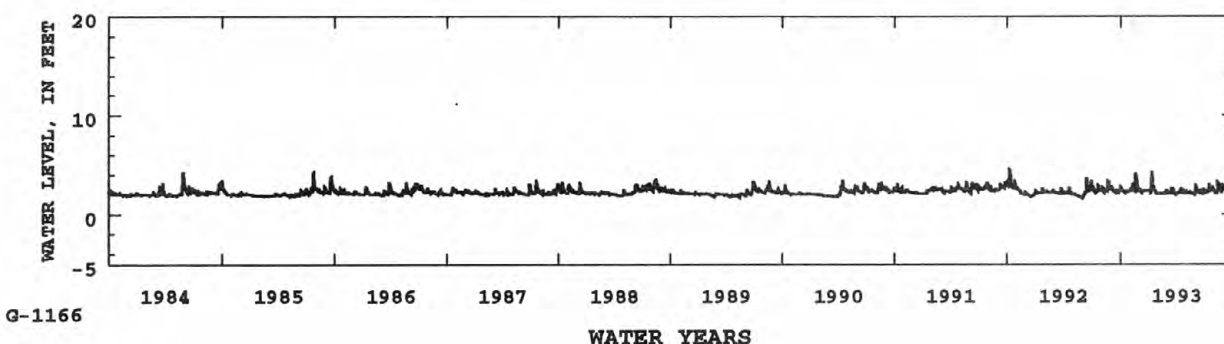
DATUM.--Land-surface datum is 4.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1961 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.92 ft NGVD, Aug. 27, 1964; lowest, 1.33 ft NGVD, Apr. 23-28, 1971.

STATION NUMBER 255342080195501 G -1166
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.51	2.59	2.37	2.33	2.09	2.13	2.19	2.19	2.38	2.18	2.15	2.41
10	2.37	3.08	2.32	4.24	2.09	2.12	2.29	2.15	2.16	2.28	2.16	2.27
15	2.20	2.40	2.34	2.74	2.09	2.31	2.22	2.14	2.49	2.93	2.63	2.84
20	2.29	3.89	---	2.37	2.07	2.49	2.29	2.09	2.21	2.51	2.41	2.60
25	2.24	2.92	2.36	2.16	2.18	2.02	2.25	2.01	2.39	2.55	2.90	2.30
EOM	---	2.47	2.37	2.05	2.22	2.03	2.21	2.99	2.31	2.30	2.66	2.25
MEAN	---	---	---	2.50	2.12	2.20	2.23	2.15	2.34	2.44	2.53	2.45
MAX	---	---	---	4.24	2.35	2.68	2.60	2.99	2.88	3.02	3.19	2.86
MIN	---	---	---	2.05	2.04	1.84	2.06	1.99	2.13	2.18	2.11	2.18



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

353

DADE COUNTY

WELL NUMBER.--255437080103201. Local Number G 852. USGS Observation Well at North Miami Beach, FL.

LOCATION.--Lat 25°54'37", long 80°10'32", in SE1/4NW1/4 sec.20, T.52 S., R.42 E., Hydrologic Unit 03090202, at corner of Northeast 12th Avenue and 147th Street in North Miami Beach, and 1.3 mi west of U.S. Highway 1.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 20 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 6.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.24 ft above land-surface datum.

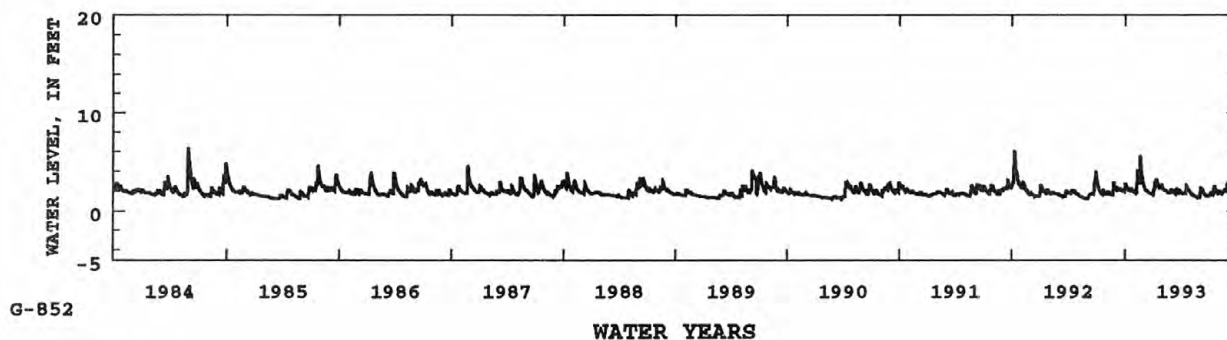
PERIOD OF RECORD.--January 1959 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.40 ft NGVD, May 29, 1984; lowest, 0.17 ft NGVD, May 31, 1962.

STATION NUMBER 255437080103201 G - 852
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.51	1.95	2.09	2.89	2.04	1.88	1.75	1.61	2.13	1.85	1.82	2.47
10	2.16	4.05	2.00	3.19	2.08	1.76	1.79	1.52	1.83	1.65	1.88	2.27
15	2.02	3.09	1.85	2.52	1.89	2.08	1.69	1.44	1.62	2.45	1.91	2.42
20	2.28	4.92	1.80	2.25	1.80	2.05	2.26	1.45	1.49	2.01	2.05	2.27
25	2.01	3.55	1.72	2.41	1.93	1.87	1.99	1.39	1.51	1.79	2.63	1.95
EOM	1.88	2.57	1.75	2.20	2.10	1.80	1.79	2.28	1.54	1.99	2.87	2.42
MEAN	2.18	3.24	1.91	2.51	1.98	1.92	1.94	1.52	1.75	1.92	2.10	2.29
MAX	2.73	5.55	2.44	3.19	2.17	2.09	2.49	2.28	2.32	2.45	2.87	2.73
MIN	1.88	1.81	1.69	2.13	1.76	1.71	1.69	1.35	1.48	1.52	1.67	1.93

WTR YR 1993 MEAN 2.10 MAX 5.55 MIN 1.35



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--255522080261401. Local Number G 972. USGS Observation Well near Hialeah, FL.

LOCATION.--Lat 25°55'00", long 80°26'40", in NW1/4SE1/4 sec.16, T.52 S., R.39 E., Hydrologic Unit 03090202, 0.6 mi west of the Dade/Broward levee, 0.85 mi southeast of the entrance to Thompson Park, and 12.4 mi northwest of Hialeah.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 15 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

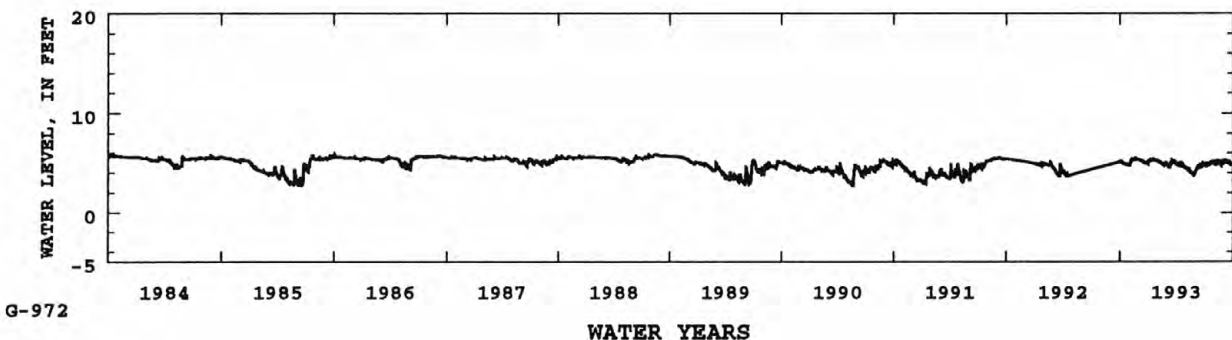
DATUM.--Land-surface datum is 4.87 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 7.50 ft above land-surface datum. (Corrected).

PERIOD OF RECORD.--January 1958 to May 1981, October 1981 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.07 ft NGVD, Sept. 26 - 28, 1959; lowest, 1.65 ft NGVD, June 1, 1962.

STATION NUMBER 255522080261401 G - 972
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.13	5.20	5.26	5.20	5.07	4.72	4.92	4.43	---	4.71	4.90	5.32
10	5.01	5.41	5.20	5.37	5.00	4.53	4.81	4.23	---	4.73	4.82	5.13
15	4.90	5.31	5.10	5.30	4.87	4.81	4.56	4.09	4.59	4.95	5.19	5.19
20	4.88	5.47	5.01	5.29	4.74	5.22	4.81	3.96	4.70	4.87	4.94	5.03
25	4.80	5.40	4.97	5.23	4.89	5.14	4.58	3.80	5.08	5.03	5.04	4.89
EOM	4.72	5.35	4.97	5.18	4.93	4.96	4.49	---	4.69	5.14	4.82	4.72
MEAN	4.92	5.28	5.10	5.26	4.96	4.92	4.74	---	---	4.90	4.97	5.03
MAX	5.14	5.47	5.33	5.37	5.16	5.23	5.11	---	---	5.19	5.25	5.32
MIN	4.72	4.69	4.93	5.12	4.72	4.46	4.49	---	---	4.61	4.68	4.72



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

355

WELL NUMBER.--255526080143001. Local Number S 18. USGS Observation Well near Opa-Locka, FL.

LOCATION.--Lat 25°55'26", long 80°14'30", in NW1/4NW1/4 sec.15, T.52 S., R.41 E., Hydrologic Unit 03090202, in parking lot of the North Dade Regional Library, 0.2 mi south of the Palmetto Expressway, 0.2 mi east of Northwest 27th Avenue, and 1.3 mi north of Opa-Locka.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 52 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum.

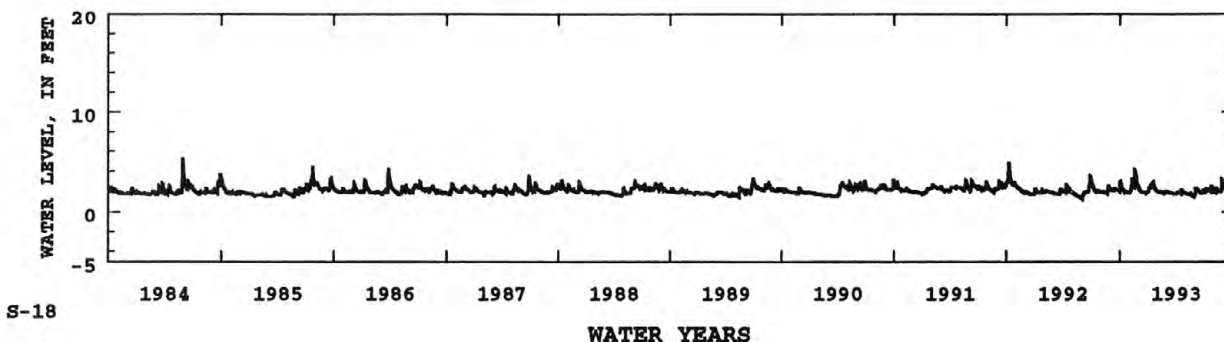
PERIOD OF RECORD.--January 1939 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.54 ft NGVD, Oct. 12, 1947; lowest, 0.05 ft NGVD, June 3, 1945.

STATION NUMBER 255526080143001 S - 18
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.61	2.22	2.09	2.37	1.97	1.92	1.91	1.80	2.22	2.03	1.93	2.29
10	2.21	3.31	1.97	2.68	1.95	---	1.97	1.77	2.06	2.06	2.18	2.06
15	2.05	2.59	1.93	2.88	1.89	---	1.82	1.74	1.95	2.20	2.07	2.71
20	2.01	3.88	1.91	2.36	1.83	---	2.00	1.73	1.82	1.99	2.02	2.44
25	1.92	3.05	1.89	2.09	1.93	---	1.88	1.63	2.01	2.41	3.26	2.11
EOM	1.89	2.36	1.96	2.01	2.02	1.79	1.83	2.23	2.05	2.09	2.47	2.55
MEAN	2.17	2.81	1.97	2.35	1.93	---	1.92	1.74	2.03	2.16	2.20	2.35
MAX	3.00	4.10	2.29	2.89	2.03	---	2.13	2.23	2.26	2.52	3.26	2.71
MIN	1.89	1.88	1.89	2.01	1.81	---	1.82	1.59	1.81	1.99	1.89	2.06

CAL YR 1992 MEAN 2.09 MAX 4.10 MIN 1.31



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--255600080270001. Local Number G 968. USGS Observation Well near Carol City, FL.

LOCATION.--Lat 25°56'00", long 80°27'00", in NE1/4NE1/4 sec.9, T.52 S., R.39 E., Hydrologic Unit 03090202, 100 ft from the northwest side of levee 30, 1 mi southwest of Miami Canal, 1.3 mi south of Dade and Broward County Line, and 10 mi west of Carol City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 16 in., depth 50 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 5.85 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 5.00 ft above land-surface datum.

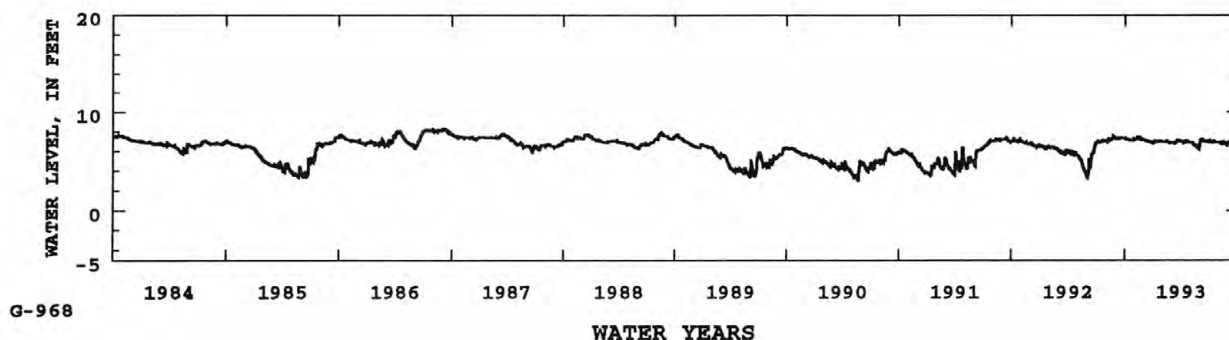
PERIOD OF RECORD.--April 1960 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.28 ft NGVD, Sept. 7, 1986; lowest, 1.70 ft NGVD, May 31, 1962.

STATION NUMBER 255600080270001 G - 968
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.23	7.24	7.07	6.86	6.91	6.81	6.93	6.81	7.17	6.89	6.79	6.93
10	7.17	7.38	7.00	6.93	6.93	6.71	6.89	6.61	7.01	6.87	6.65	6.82
15	7.15	7.21	6.97	6.90	6.92	6.87	6.87	6.54	6.98	6.93	6.82	6.88
20	7.06	7.28	6.90	6.94	6.81	7.11	6.92	6.39	6.91	6.85	6.69	6.79
25	7.01	7.19	6.83	6.97	6.81	7.06	6.83	6.23	6.97	6.83	6.67	6.75
EOM	7.14	7.13	6.84	6.92	6.85	6.96	6.84	6.94	6.93	6.86	6.72	6.67
MEAN	7.13	7.21	6.95	6.92	6.88	6.92	6.89	6.54	7.00	6.87	6.73	6.80
MAX	7.31	7.38	7.12	6.99	6.94	7.11	6.99	6.94	7.17	6.95	6.90	6.96
MIN	7.01	7.08	6.80	6.81	6.80	6.69	6.82	6.22	6.90	6.81	6.60	6.64

CAL YR 1992 MEAN 6.40 MAX 7.47 MIN 3.28
WTR YR 1993 MEAN 6.90 MAX 7.38 MIN 6.22



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
DADE COUNTY

357

WELL NUMBER.--255707080255001. Local Number G 1637. USGS Observation Well near Hialeah, FL.

LOCATION.--Lat 25°57'07", long 80°25'50", in SW1/4NE1/4 sec.3, T.52 S., R.39 E., Hydrologic Unit 03090202, at entrance of Opa-Locka West Training Airport, 1,000 ft northeast of the intersection of U.S. Highway 27 and Krome Avenue, and 10.0 mi northwest of Hialeah.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 26 ft, cased to 26 ft.

REVISED RECORDS.--WDR FL-85-2B: 1979.

INSTRUMENTATION.--Digital water-level recorder.

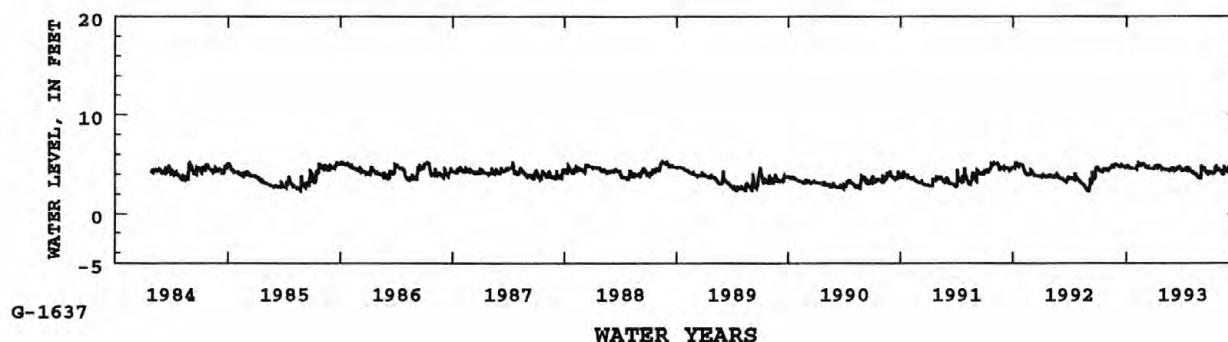
DATUM.--Land-surface datum is 5.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--September 1971 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.55 ft NGVD estimated Apr. 26, 1979; lowest, 2.19 ft NGVD, Apr. 26, 1973.

STATION NUMBER 255707080255001 G -1637
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.79	4.83	4.66	4.79	4.46	4.49	4.51	4.13	4.63	4.05	4.09	4.68
10	4.68	5.07	4.69	4.91	4.45	4.44	4.54	4.03	4.43	4.17	4.01	4.41
15	4.61	4.91	4.55	4.79	4.41	4.64	4.36	3.89	4.27	4.63	4.49	4.65
20	4.58	5.19	4.55	4.66	4.40	4.79	4.45	3.75	4.09	4.42	4.32	4.61
25	---	5.03	4.55	4.55	4.50	4.55	4.30	3.63	4.28	4.51	4.59	4.33
EOM	4.54	4.86	4.78	4.52	4.59	4.45	4.23	4.66	4.16	4.34	4.59	4.27
MEAN	---	4.92	4.60	4.71	4.47	4.54	4.43	3.95	4.32	4.33	4.35	4.50
MAX	---	5.19	4.83	4.91	4.65	4.82	4.63	4.87	4.65	4.68	4.68	4.78
MIN	---	4.53	4.42	4.52	4.39	4.32	4.23	3.58	4.07	4.05	3.99	4.25



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

WELL NUMBER.--255709080223701. Local Number G 970. USGS Observation Well near Carol City, FL.

LOCATION.--Lat 25°57'09", long 80°22'37", in SE1/4NE1/4 sec.6, T.52 S., R.40 E., Hydrologic Unit 03090202, 0.5 mi south of Snake Creek, 3.5 mi east of U.S. Highway 27, and 6.0 mi west of Carol City.

AQUIFER.--Biscayne limestone aquifer of the Pleistocene Age, Geologic Unit 112 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 15 ft.

INSTRUMENTATION.--Digital water-level recorder.

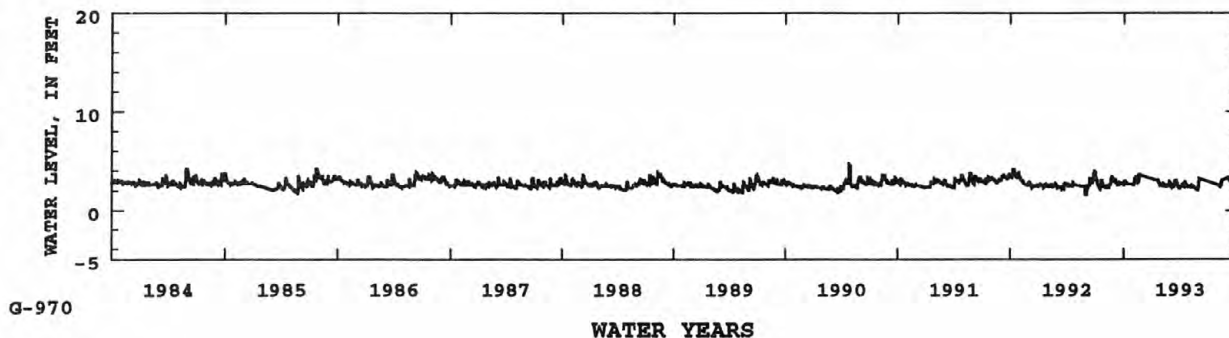
DATUM.--Land-surface datum is 3.75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 7.00 ft above land-surface datum.

PERIOD OF RECORD.--January 1958 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 5.52 ft NGVD, Nov. 22, 1959; lowest, 1.35 ft NGVD, May 31, 1962.

STATION NUMBER 255709080223701 G - 970
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.86	3.09	---	3.08	2.58	2.49	2.57	2.40	---	---	2.46	3.17
10	2.73	3.44	---	---	2.55	2.42	2.66	2.33	---	---	2.64	2.83
15	2.63	2.94	---	3.09	2.41	2.63	2.26	2.28	---	---	---	3.43
20	2.62	3.61	---	2.87	2.41	2.80	2.44	2.22	---	---	---	3.34
25	2.62	---	---	2.67	2.46	2.36	2.35	2.08	---	---	---	3.04
EOM	2.57	---	---	2.59	2.59	2.35	2.41	3.20	---	---	3.23	2.98
MEAN	2.67	---	---	---	2.52	2.52	2.49	2.31	---	---	---	3.14
MAX	2.92	---	---	---	2.81	3.08	2.97	3.20	---	---	---	3.50
MIN	2.56	---	---	---	2.34	2.11	2.26	2.08	---	---	---	2.75



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
251902080312405	G	-3340	25 19 02 N	080 31 24 W	10-21-92	8180	2500	2.91
					12-28-92	7600	2700	1.57
					02-26-93	7500	2600	3.61
					05-14-93	8200	2800	1.04
					07-22-93	8530	2500	1.94
					09-28-93	9070	2400	2.15
251925080335701	G	-3337	25 19 25 N	080 33 57 W	10-21-92	521	94	2.18
					02-24-93	517	84	2.16
					07-22-93	554	94	2.45
					09-28-93	590	94	2.39
251949080313102	G	-1603	25 19 49 N	080 31 31 W	10-02-92	2560	680	--
					10-29-92	2450	620	--
					12-01-92	2880	740	--
					01-04-93	2420	660	--
					01-29-93	2240	560	--
					02-19-93	3020	740	--
					03-23-93	2370	600	--
					04-26-93	2440	620	--
					05-20-93	2810	740	--
					06-23-93	2880	730	--
					07-27-93	2340	680	--
					08-24-93	2660	660	--
					09-23-93	2660	640	--
251952080293401	G	-1256	25 19 52 N	080 29 34 W	10-02-92	19300	6600	--
					10-29-92	20100	6800	--
					12-01-92	19900	7100	--
					01-04-93	17500	6800	--
					01-29-93	19600	6800	--
					02-19-93	19400	6900	--
					03-23-93	19700	6400	--
					04-26-93	19200	6800	--
					05-20-93	17900	6700	--
					06-23-93	18200	6900	--
					07-27-93	19700	6400	--
					08-24-93	19200	6600	--
					09-23-93	19000	6400	--
251957080312801	G	-3339	25 19 57 N	080 31 28 W	10-21-92	609	80	2.13
					12-28-92	581	92	1.84
					02-26-93	617	86	2.07
					05-14-93	628	88	2.08
					07-22-93	703	89	2.24
					09-28-93	675	80	2.28
252014080312801	G	-3338	25 20 14 N	080 31 28 W	10-21-92	554	64	6.17
					12-28-92	551	63	1.92
					02-26-93	543	64	2.19
					05-14-93	551	66	1.88
					07-22-93	615	68	2.24
					09-28-93	620	54	2.28
252027080293701	G	-3349	25 20 27 N	080 29 37 W	02-09-93	16100	5600	--
					02-26-93	14700	5600	1.44
					05-14-93	15100	5500	0.94
					07-22-93	15400	5400	1.58
					09-28-93	18200	5400	1.81

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
252120080293601	G -3350		25 21 20 N	080 29 36 W	02-09-93	338	20	--
					02-26-93	337	18	2.00
					07-22-93	354	18	2.19
					09-28-93	395	17	2.28
252228080275501	G -3342		25 22 28 N	080 27 55 W	10-21-92	7910	2500	2.18
					12-28-92	8000	2700	1.63
					02-24-93	7800	2600	2.00
					05-14-93	7600	2600	1.42
					07-22-93	7900	2400	2.19
					09-28-93	8130	2500	2.34
252334080280101	G -3344		25 23 34 N	080 28 01 W	10-21-92	608	46	2.54
					02-24-93	588	44	2.38
252334080280101	G -3344		25 23 34 N	080 28 01 W	05-14-93	590	42	1.77
					07-22-93	870	55	2.71
					09-28-93	690	44	2.74
252426080271001	G -3347		25 24 26 N	080 27 10 W	07-22-93	1010	200	--
252502080254301	G -3348		25 25 02 N	080 25 43 W	10-21-92	922	210	2.20
					12-28-92	715	150	1.60
					02-26-93	--	--	1.88
					05-14-93	990	230	1.58
					09-28-93	984	170	2.31
252506080282201	G -3166		25 25 06 N	080 28 22 W	10-02-92	891	170	--
					10-29-92	890	180	--
					12-01-92	940	210	--
					12-30-92	872	170	--
					01-28-93	861	150	--
					02-19-93	864	170	--
					03-23-93	903	170	--
					04-26-93	874	180	--
					05-20-93	860	170	--
					06-22-93	840	160	--
					07-27-93	799	160	--
					08-24-93	867	170	--
					09-23-93	857	170	--
252719080241201	G -3345		25 27 19 N	080 24 12 W	10-21-92	7650	2500	1.91
					12-28-92	7640	2400	1.27
					02-24-93	7600	2500	1.58
					05-14-93	7560	2500	1.34
					07-22-93	7940	2300	2.50
					09-28-93	8390	2400	2.27
252823080250901	G -3163		25 28 23 N	080 25 09 W	10-02-92	585	32	--
					10-29-92	615	38	--
					12-01-92	636	54	--
					12-30-92	646	54	--
					01-28-93	711	52	--
					02-22-93	623	54	--
					03-23-93	640	48	--
					04-26-93	632	54	--
					05-20-93	603	40	--
					06-22-93	642	46	--
					07-26-93	640	48	--
					08-24-93	652	32	--
					09-22-93	603	28	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
252947080235202	S - 531		25 29 47 N	080 23 52 W	10-02-92	567	42	--
					10-29-92	600	44	--
					12-01-92	594	40	--
					12-30-92	700	42	--
					01-28-93	606	40	--
					02-22-93	738	40	--
					03-23-93	598	40	--
					04-26-93	650	42	--
					05-20-93	571	36	--
					06-22-93	578	38	--
					07-26-93	578	42	--
					08-24-93	596	44	--
					09-22-93	594	44	--
253652080183701	G - 939		25 36 52 N	080 18 37 W	10-28-92	9100	2900	--
					11-23-92	9150	2900	--
					12-24-92	9220	2900	--
					06-28-93	9320	2900	--
					07-29-93	8880	2800	--
					08-26-93	9230	2800	--
					09-30-93	9130	2800	--
253917080184901	F - 466		25 39 17 N	080 18 49 W	10-26-92	--	--	2.91
					05-05-93	--	--	2.71
253937080190001	F - 464		25 39 37 N	080 19 00 W	10-26-92	--	--	3.00
					05-05-93	--	--	2.84
254004080171102	G -1003A		25 40 04 N	080 17 11 W	10-26-92	--	--	4.13
254020080183101	G -1604A		25 40 20 N	080 18 31 W	10-26-92	--	--	2.99
					11-23-92	480	28	2.51
					05-05-93	--	--	2.86
					05-06-93	480	40	2.80
254033080170401	F - 450		25 40 33 N	080 17 04 W	10-26-92	--	--	2.86
					05-05-93	--	--	3.21
254050080162601	F - 386		25 40 50 N	080 16 26 W	10-26-92	--	--	1.81
					05-05-93	--	--	0.78
254053080210601	G -1563		25 40 53 N	080 21 06 W	10-26-92	--	--	3.34
					05-05-93	--	--	3.28
254058080192501	F - 451		25 40 58 N	080 19 25 W	10-26-92	--	--	3.51
					05-05-93	--	--	3.56
254103080184102	G -1011A		25 41 03 N	080 18 41 W	10-26-92	--	--	9.37
254106080174601	G -1009B		25 41 06 N	080 17 46 W	10-28-92	477	30	--
					11-23-92	501	36	--
					12-24-92	494	24	--
					01-28-93	473	20	--
					02-24-93	488	40	--
					03-29-93	541	86	--
					04-29-93	468	44	--
					05-27-93	454	40	--
					06-28-93	575	52	--
					07-29-93	335	54	--
					08-26-93	483	38	--
					09-30-93	465	30	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
254118080175101	G -1010		25 41 18 N	080 17 51 W	10-26-92	--	--	2.44
					05-05-93	--	--	3.04
254123080163802	G - 176A		25 41 23 N	080 16 38 W	10-26-92	--	--	2.48
254125080173001	G -1013		25 41 25 N	080 17 30 W	10-26-92	--	--	2.75
					05-05-93	--	--	3.30
254127080210502	G -1599B		25 41 27 N	080 21 05 W	10-26-92	--	--	3.21
					05-05-93	--	--	3.90
254127080240001	G - 551B		25 41 29 N	080 24 00 W	10-26-92	--	--	2.10
					05-05-93	--	--	1.96
254129080232701	G - 951		25 41 29 N	080 23 27 W	10-26-92	--	--	2.53
254134080173402	G -1014A		25 41 34 N	080 17 34 W	10-26-92	--	--	3.08
					05-05-93	--	--	3.49
254139080204301	G -1599A		25 41 39 N	080 20 43 W	10-26-92	--	--	2.63
					05-05-93	--	--	2.25
254140080224201	F - 490		25 41 40 N	080 22 42 W	10-26-92	--	--	3.00
					05-05-93	--	--	3.06
254154080214401	G -3291		25 41 54 N	080 21 44 W	05-05-93	--	--	1.95
254155080204001	G -1599		25 41 55 N	080 20 40 W	10-26-92	--	--	2.19
					05-05-93	--	--	0.65
254155080214301	G -3289		25 41 55 N	080 21 43 W	10-26-92	--	--	-2.45
					05-05-93	--	--	1.58
254155080214302	G -3290				05-05-93	--	--	5.43
254156080214201	G -3284		25 41 56 N	080 21 42 W	10-26-92	--	--	-1.88
254156080214202	G -3284A				10-26-92	--	--	-0.11
					05-20-93	--	--	2.63
254156080214203	G -3284B				10-26-92	--	--	1.22
					05-20-93	--	--	3.72
254157080212501	G -3288		25 41 57 N	080 21 25 W	10-26-92	--	--	2.72
					05-05-93	--	--	3.39
254157080212502	G -3288A				10-26-92	--	--	1.62
					05-05-93	--	--	2.25
254157080213501	G -3287		25 41 57 N	080 21 35 W	10-26-92	--	--	-1.64
					05-05-93	--	--	1.30
254157080213502	G -3287A				10-26-92	--	--	-2.82
					05-05-93	--	--	0.24
254157080213901	G -3286		25 41 57 N	080 21 39 W	10-26-92	--	--	-1.58
254157080214001	G -3073		25 41 57 N	080 21 40 W	10-26-92	--	--	1.82
254157080214002	G -3074				10-26-92	--	--	-1.97
254200080201801	G - 881		25 42 00 N	080 20 18 W	10-26-92	--	--	1.92
254200080201801	G - 881		25 42 00 N	080 20 18 W	05-05-93	--	--	0.09

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- PIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
254201080173001	G - 901		25 42 01 N	080 17 30 W	10-28-92	2080	720	3.15
					11-23-92	2900	800	3.83
					02-24-93	2180	680	3.03
					03-29-93	--	--	2.33
					04-29-93	--	--	2.92
					05-27-93	--	--	2.93
					06-28-93	--	--	2.52
					07-29-93	--	--	2.99
					08-26-93	--	--	3.23
					09-30-93	--	--	3.40
254215080195402	G -1078A		25 42 15 N	080 19 54 W	10-26-92	--	--	1.40
					05-05-93	--	--	6.80
254215080200801	G -1075A		25 42 15 N	080 20 08 W	10-26-92	--	--	5.61
					05-05-93	--	--	3.83
254220080201902	G - 884A		25 42 20 N	080 20 19 W	10-26-92	--	--	1.91
					05-05-93	--	--	-4.62
254227080234702	G - 847A		25 42 27 N	080 23 47 W	10-26-92	--	--	3.76
					05-05-93	--	--	3.53
254230080193002	G -1080A		25 42 30 N	080 19 30 W	10-26-92	--	--	2.57
					05-05-93	--	--	1.28
254230080201201	G -3430		25 42 30 N	080 20 12 W	10-26-92	--	--	-0.31
254230080210302	G - 877A		25 42 30 N	080 21 03 W	10-26-92	--	--	2.26
					05-05-93	--	--	1.90
254231080200701	G -3421		25 42 31 N	080 20 07 W	05-05-93	--	--	-0.56
254231080200702	G -3422				10-26-92	--	--	1.78
254232080200701	G -3418		25 42 32 N	080 20 07 W	10-26-92	--	--	1.81
					05-05-93	--	--	-0.66
254232080200702	G -3419				10-26-92	--	--	1.79
					05-05-93	--	--	-0.74
254232080200802	G -3425		25 42 32 N	080 20 08 W	10-26-92	--	--	1.97
					05-05-93	--	--	-0.55
254232080201101	G -3426		25 42 32 N	080 20 11 W	10-26-92	--	--	1.83
254232080201201	G -3427		25 42 32 N	080 20 12 W	10-26-92	--	--	3.18
					05-05-93	--	--	3.18
254232080201301	G -3428		25 42 32 N	080 20 13 W	10-26-92	--	--	2.35
254233080200701	G -3416		25 42 33 N	080 20 07 W	10-26-92	--	--	2.03
					05-05-93	--	--	-0.36
254233080200702	G -3417				10-26-92	--	--	2.14
					05-05-93	--	--	-0.31
254250080181001	F - 473		25 42 50 N	080 18 10 W	10-26-92	--	--	2.85
					05-05-93	--	--	2.93
254253080211701	G -1555		25 42 53 N	080 21 17 W	10-26-92	--	--	3.23
254306080235002	G - 958A		25 43 06 N	080 23 50 W	10-26-92	--	--	3.57
					05-05-93	--	--	3.50
254322080202001	F - 471		25 43 22 N	080 20 20 W	10-26-92	--	--	2.98
					05-05-93	--	--	2.64

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
254327080214701	F - 468		25 43 27 N	080 21 47 W	10-26-92	--	--	3.68
					05-05-93	--	--	3.72
254345080171601	F - 476		25 43 45 N	080 17 16 W	05-05-93	--	--	1.94
254345080193001	F - 470		25 43 45 N	080 19 30 W	10-26-92	--	--	3.12
					05-05-93	--	--	2.84
254357080212002	F - 469A		25 43 57 N	080 21 20 W	10-26-92	--	--	3.30
					05-05-93	--	--	3.26
254454080182201	F - 474		25 44 54 N	080 18 22 W	10-26-92	--	--	3.24
					05-05-93	--	--	3.12
254457080160301	G -3229		25 44 57 N	080 16 03 W	11-23-92	276	50	--
					05-06-93	776	22	--
254828080161501	G - 354		25 48 28 N	080 16 15 W	01-28-93	513	78	4.18
					02-24-93	417	58	3.92
					03-29-93	655	94	3.59
					04-29-93	776	120	3.86
					05-27-93	849	150	3.76
					06-29-93	824	130	3.83
					07-29-93	842	170	4.42
254828080161501	G - 354		25 48 28 N	080 16 15 W	08-26-93	809	130	4.16
					09-30-93	800	120	4.26
254833080155801	G -1354		25 48 33 N	080 15 58 W	11-23-92	699	100	--
					05-06-93	725	110	1.34
254834080162801	G - 570		25 48 34 N	080 16 28 W	11-23-92	712	110	2.67
					05-05-93	--	--	0.73
					05-06-93	623	78	0.79
254834080162802	F - 8				05-05-93	--	--	1.12
254836080165201	G - 577		25 48 36 N	080 16 52 W	11-23-92	458	36	--
					05-05-93	--	--	-0.92
					05-06-93	481	34	--
254842080164101	F - 10		25 48 42 N	080 16 41 W	05-05-93	--	--	0.67
254842080173401	F - 414		25 48 42 N	080 17 34 W	11-23-92	509	42	3.24
					05-05-93	--	--	-2.09
					05-06-93	410	32	-1.27
254842080174301	F - 441		25 48 42 N	080 17 43 W	11-23-92	541	54	3.37
					05-05-93	--	--	0.21
					05-06-93	520	44	-0.61
254843080180901	F - 410		25 48 53 N	080 18 09 W	05-05-93	--	--	1.59
254843080181501	F - 398		25 48 43 N	080 18 15 W	05-05-93	--	--	2.08
254849080154802	G - 576		25 48 49 N	080 15 48 W	10-28-92	630	78	5.05
					11-23-92	567	58	6.29
					02-24-93	--	--	4.07
					03-29-93	626	76	4.63
					05-27-93	--	--	4.55
					06-28-93	--	--	1.76
					07-29-93	271	34	2.26
					08-26-93	--	--	2.09
					09-30-93	--	--	2.18

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
254854080174801	F - 14		25 48 54 N	080 17 48 W	05-05-93	--	--	-1.12
254857080180001	F - 411		25 48 57 N	080 18 00 W	05-05-93	--	--	0.75
254900080163701	F - 4		25 49 00 N	080 16 50 W	05-05-93	--	--	0.29
254905080250201	G -3103		25 49 05 N	080 25 02 W	10-23-92	--	--	5.39
					05-05-93	--	--	4.85
254910080171801	F - 12		25 49 10 N	080 17 18 W	05-05-93	--	--	-1.71
254912080172701	F - 13		25 49 07 N	080 17 37 W	05-05-93	--	--	-1.78
254913080171601	BW		25 49 13 N	080 17 16 W	05-05-93	--	--	0.25
254914080175301	G -1372		25 49 14 N	080 17 53 W	05-05-93	--	--	-0.95
254940080172001	G -1282		25 49 40 N	080 17 20 W	05-05-93	--	--	-4.62
					05-05-93	--	--	-2.66
254940080181802	G - 440A		25 49 40 N	080 18 18 W	05-05-93	--	--	-0.79
254945080180302	S - 19A		25 49 45 N	080 18 03 W	05-05-93	--	--	-2.13
254946080172601	G -3250		25 49 46 N	080 17 26 W	10-28-92	1950	460	--
					12-24-92	2150	500	--
					01-28-93	1860	440	--
					02-24-93	2050	460	--
					03-29-93	2100	520	--
					04-29-93	1740	390	--
					05-27-93	1930	490	--
					06-28-93	1860	400	--
					07-29-93	1820	390	--
					08-26-93	2210	400	--
					09-30-93	2130	460	--
254948080212301	G -3030		25 49 48 N	080 21 23 W	05-05-93	--	--	1.10
254948080221301	G -3025		25 49 48 N	080 22 13 W	10-23-92	--	--	3.80
					05-05-93	--	--	3.12
254950080180801	G - 3		25 49 50 N	080 18 08 W	05-05-93	--	--	-3.12
255003080245701	G -3277		25 50 03 N	080 24 57 W	10-23-92	--	--	4.60
					05-05-93	--	--	4.08
255003080250501	G -3278		25 50 03 N	080 25 05 W	10-23-92	--	--	4.77
					05-05-93	--	--	4.17
255016080250502	G -3254A		25 50 16 N	080 25 05 W	10-23-92	--	--	4.77
					05-05-93	--	--	3.99
255027080250501	G -3256		25 50 27 N	080 25 05 W	10-23-92	--	--	4.77
					05-05-93	--	--	3.60
255027080251801	G -3326		25 50 27 N	080 25 18 W	10-23-92	--	--	4.96
255049080245201	G -3279		25 50 49 N	080 24 52 W	10-23-92	--	--	4.74
					05-05-93	--	--	3.26
255222080123001	G -3224		25 52 22 N	080 12 30 W	11-23-92	534	44	--
					05-06-93	258	34	--
255315080111501	F - 279		25 53 15 N	080 11 15 W	11-30-92	7000	2200	2.00

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS DADE COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
255350080105801	G - 894		25 53 50 N	080 10 58 W	10-28-92	682	54	--
					11-30-92	670	58	--
					12-28-92	705	58	--
					01-26-93	693	60	--
					02-23-93	629	75	--
					03-22-93	690	54	--
					04-19-93	670	58	--
					05-19-93	642	56	--
					06-17-93	659	52	--
					07-21-93	605	64	--
					08-19-93	653	56	--
					09-22-93	624	48	--
255357080114201	G - 430		25 53 57 N	080 11 42 W	11-23-92	535	38	--
					05-06-93	540	40	--
255600080092401	G -1047		25 56 00 N	080 09 24 W	05-06-93	--	--	2.21
255637080093801	G -1055		25 56 37 N	080 09 38 W	10-27-92	--	--	2.78
					05-06-93	--	--	1.46
255822080103001	G -1060		25 58 22 N	080 10 30 W	10-27-92	--	--	2.08
					05-06-93	--	--	1.54

Glades County

WATER RESOURCES DATA FOR FLORIDA, 1993

VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 8

GLADES COUNTY

Index Number	Site Number	Well Name	Page Number
1	264623081213601	HE 517	370
2	264910081280101	GL 319	371
2	264910081280102	GL 320	372
2	264910081280103	GL 321	373
2	264910081280104	GL 322	374

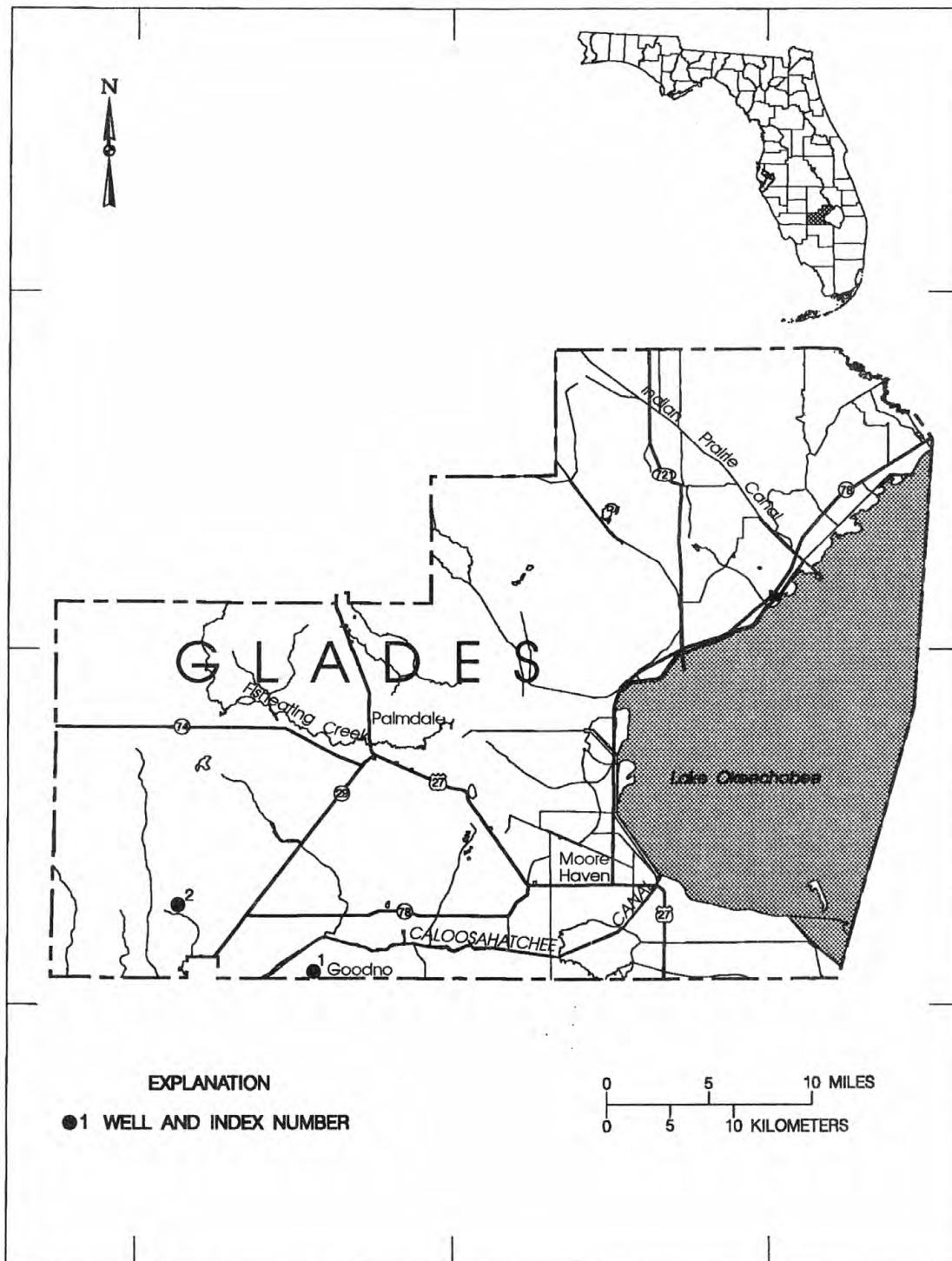


Figure 8: Location of wells in Glades County

GLADES COUNTY

WELL NUMBER.--264623081213601. Local Number HE 517.

LOCATION.--Lat 26°46'12", long 81°22'29", in SE1/4NW1/4 sec.36, T.42 S., R.29 E., Hydrologic Unit 03090205, 0.3 mi north of State Road 80, and 3.0 mi west of Goodno. Owner: U.S. Geological Survey.

AQUIFER.--Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in., depth 138 ft, cased to 128 ft, screened 128 to 138 ft. (Corrected).

REVISED RECORDS.--WDR FL-79-2B: 1977-78.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 16.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf floor, 2.10 ft above land-surface datum.

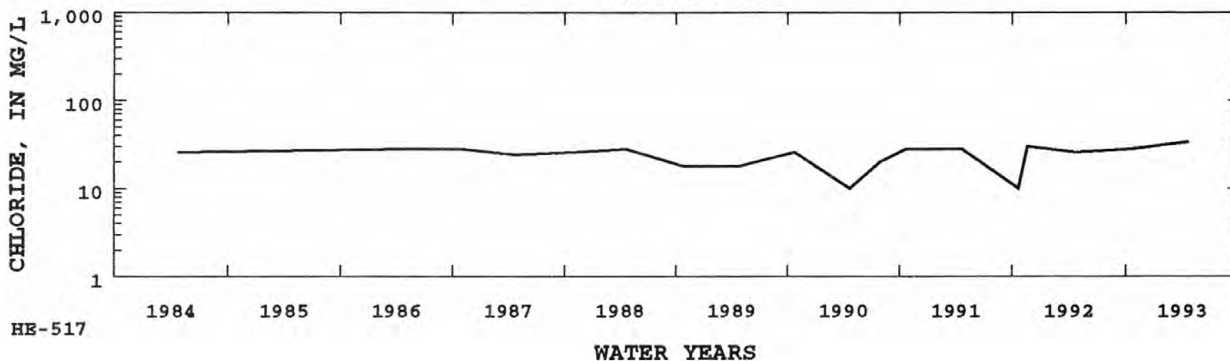
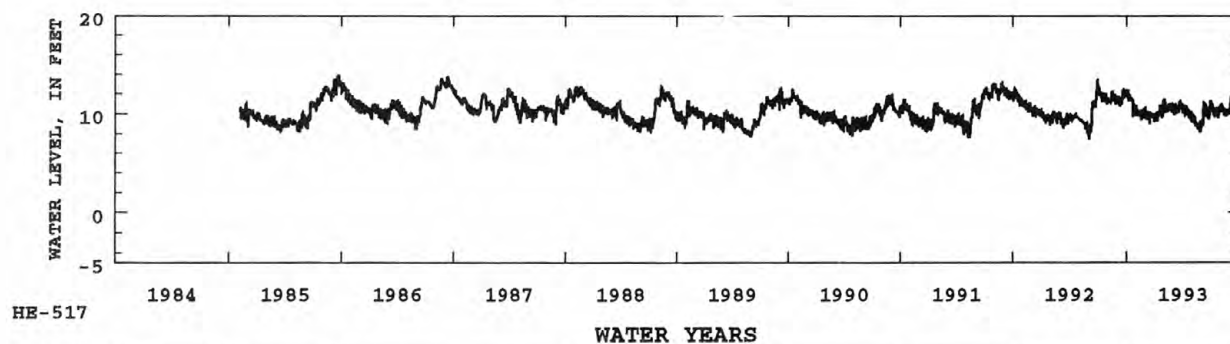
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.29 ft NGVD; June 25, 1982; lowest, 7.49 ft NGVD, June 3, 1992.

STATION NUMBER 264623081213601 HE - 517
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.35	10.15	10.03	9.94	10.37	10.21	10.82	9.25	10.27	10.71	10.23	12.00
10	11.69	9.79	9.72	9.78	10.22	10.05	10.59	9.63	10.28	10.17	10.26	11.86
15	11.54	10.35	9.04	9.99	10.94	10.46	10.08	8.82	10.10	10.38	10.41	11.73
20	11.35	9.75	10.04	10.17	10.69	11.02	10.05	8.54	10.16	9.87	10.01	11.49
25	10.98	10.03	9.99	9.94	10.58	10.80	10.22	8.32	9.92	10.29	10.35	10.92
EOM	10.60	10.51	9.52	11.51	10.90	10.12	9.75	9.21	10.87	10.76	10.74	10.65
MEAN	11.26	10.15	9.78	10.25	10.65	10.58	10.18	9.03	10.22	10.34	10.32	11.47
MAX	12.35	10.70	10.23	11.51	11.53	11.18	10.82	10.04	11.26	11.07	10.88	12.31
MIN	9.72	9.44	9.04	9.33	10.20	9.96	9.14	8.17	8.84	9.64	9.85	10.59
WTR YR 1993 MEAN 10.35 MAX 12.35 MIN 8.17												



GLADES COUNTY

WELL NUMBER.--264910081280101. Local Number GL 319.

LOCATION.--Lat 26°49'10", long 81°28'01", in NW1/4SW1/4 sec.18, T.42 S., R.29 E., Hydrologic Unit 03090205, 50 ft south of CR 720, 2.5 mi east of Muce, 4.0 mi west of SR 29. Owner: South Florida Water Management District.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 462 ft, cased to 400 ft, 62 ft open hole.

INSTRUMENTATION.--Measured monthly with pressure gage.

DATUM.--Land-surface datum is 39.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.10 ft above land-surface datum.

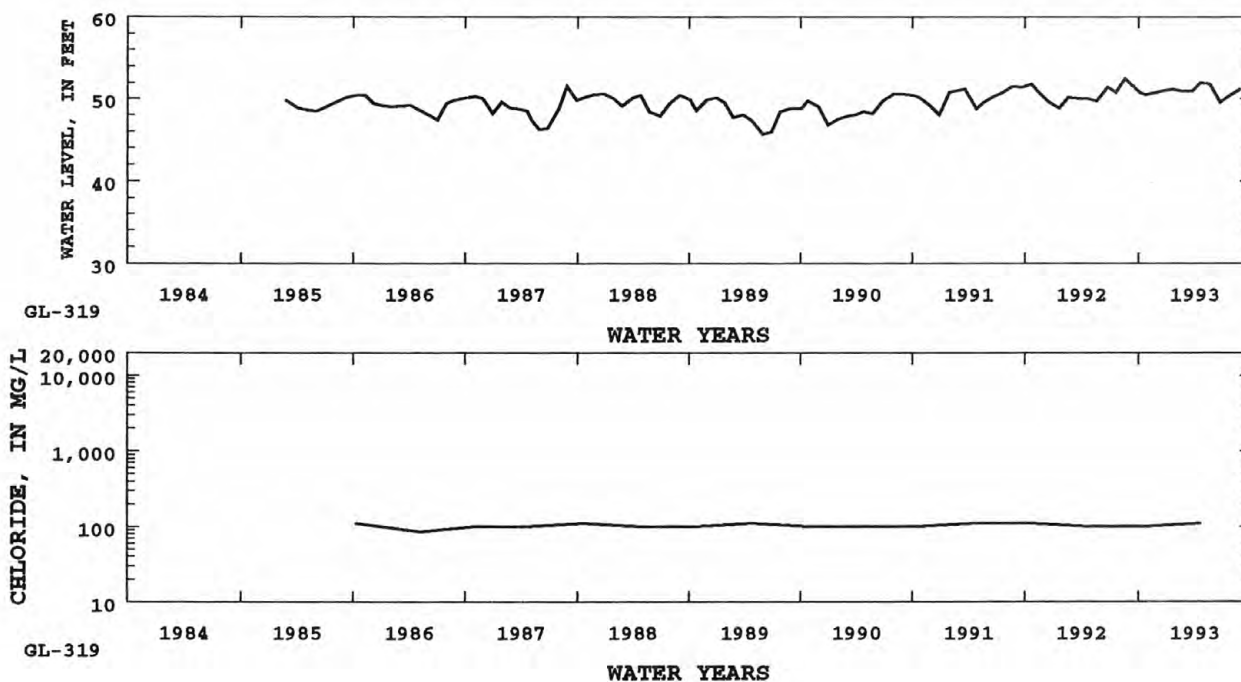
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--February 1985 to current year. (Corrected). Water levels prior to October 1987 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.4 ft NGVD, Aug. 19, 1992; lowest measured, 45.7 ft NGVD, May 30, 1989.

264910081280101 - GL - 319

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L				ANCE	(MG/L	
(US/CM)	AS CL)	(FEET)	(US/CM)	AS CL)	(FEET)				
OCT					APR				
05...	1200	--	--	50.80	20...	1100	873	110	52.00
24...	1225	872	100	50.50	MAY				
NOV					19...	0925	--	--	51.80
18...	1320	--	--	50.70	JUN				
DEC					22...	0935	--	--	49.60
18...	0855	--	--	51.00	JUL				
JAN					23...	0905	--	--	50.40
19...	1000	--	--	51.20	AUG				
FEB					25...	0945	--	--	51.20
16...	0940	--	--	51.00					
MAR									
22...	0915	--	--	51.00					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS GLADES COUNTY

WELL NUMBER.--264910081280102. Local Number GL 320.

LOCATION.--Lat 26°49'10", long 81°28'01", in NW1/4SW1/4 sec.18, T.42 S., R.29 E., Hydrologic Unit 03090205, 50 ft south of CR 720, 2.5 mi east of Muce, 4.0 mi west of SR 29. Owner: South Florida Water Management District.

AQUIFER.--Tamiami formation, shell-marl aquifer of the Miocene Age, Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 6 in., depth 80 ft, cased to 60 ft, 20 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 39.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. male PVC casing, 1.15 ft above land-surface datum.

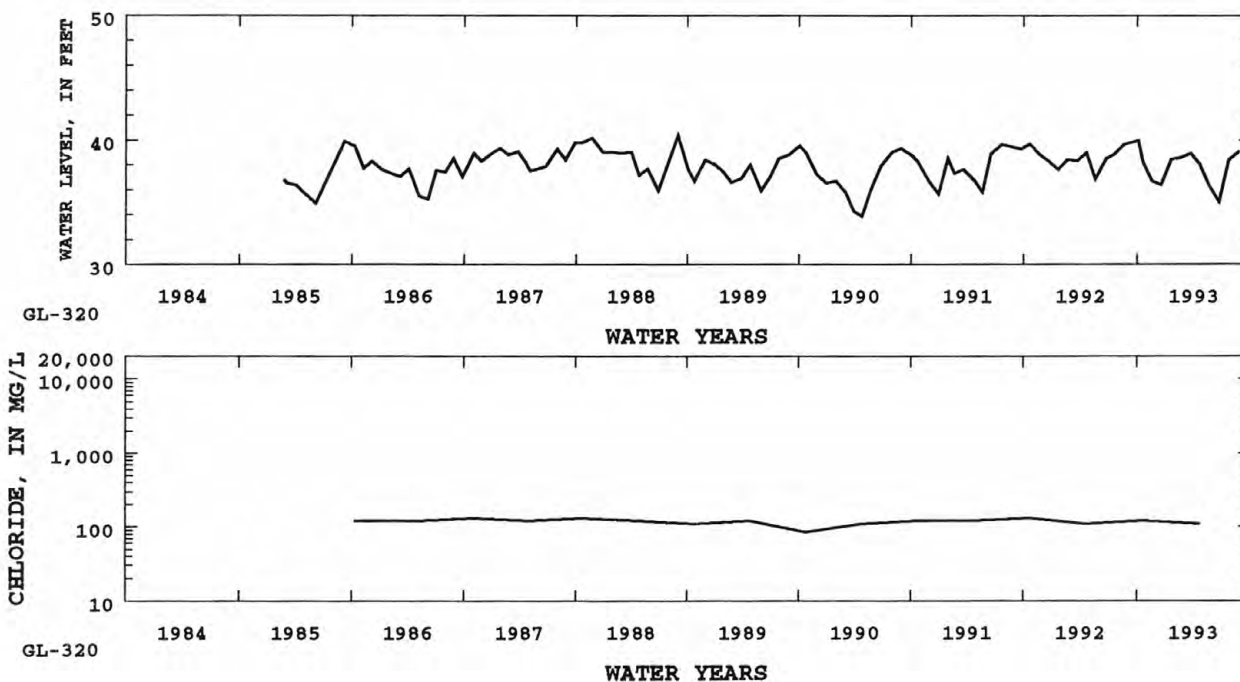
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--February 1985 to current year. (Corrected). Water levels prior to October 1987 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.11 ft NGVD, Nov. 23, 1987; lowest measured, 33.88 ft NGVD, Apr. 24, 1990.

264910081280102 - GL - 320

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	AS CL)	(FEET)		(US/CM)	(MG/L	AS CL)	(FEET)	
OCT					APR				
05...	1155	--	--	39.90	20...	1110	974	110	37.98
20...	1220	997	120	38.15	MAY				
NOV					19...	0925	--	--	36.35
18...	1320	--	--	36.64	JUN				
DEC					22...	0930	--	--	35.01
18...	0855	--	--	36.35	JUL				
JAN					23...	0905	--	--	38.38
19...	0955	--	--	38.43	AUG				
FEB					25...	0940	--	--	39.04
16...	0940	--	--	38.54					
MAR									
22...	0915	--	--	38.90					



GLADES COUNTY

WELL NUMBER.--264910081280103. Local Number GL 321.

LOCATION.--Lat 26°49'10", long 81°28'01", in NW1/4SW1/4 sec.18, T.42 S., R.29 E., Hydrologic Unit 03090205, 50 ft south of CR 720, 2.5 mi east of Muce, 4.0 mi west of SR 29. Owner: South Florida Water Management District.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 6 in., depth 460 ft, cased to 400 ft, 60 ft of open hole.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 39.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.09 ft above land-surface datum.

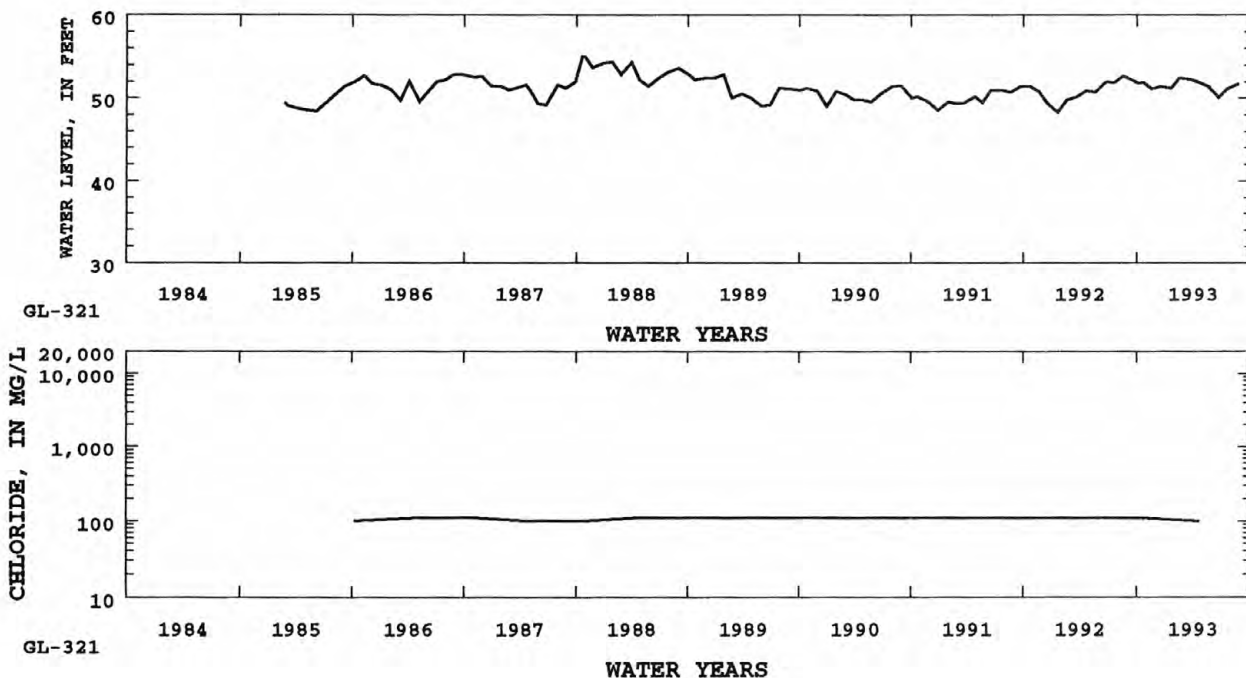
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--February 1985 to current year. (Corrected). Water levels prior to October 1987 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.0 ft NGVD, Oct. 29, 1987; lowest measured, 48.6 ft NGVD, May 6, 1985. (Corrected).

264910081280103 - GL - 321

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
05...	1150	--	--	51.80	20...	1055	885	100	51.90
21...	1205	884	110	51.90	MAY				
NOV					19...	0920	--	--	51.40
18...	1315	--	--	51.10	JUN				
DEC					22...	0930	--	--	50.10
18...	0850	--	--	51.40	JUL				
JAN					23...	0900	--	--	51.20
19...	0955	--	--	51.20	AUG				
FEB					25...	0940	--	--	51.70
16...	0935	--	--	52.40					
MAR									
22...	0910	--	--	52.30					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

GLADES COUNTY

WELL NUMBER.--264910081280104. Local Number GL 322

LOCATION.--Lat 26°49'10", long 81°28'01" ,in NW1/4SW1/4 sec. 18, T.42 S., R.29 E., Hydrologic Unit 03090205, 50 ft south of County Road 720, 2.5 mi east of Muce, 4.0 mi west of State Road 29. Owner: South Florida Water Management District.

AQUIFER.--Tamiami formation, shell-marl aquifer of the Miocene Age Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 80 ft, cased to 60 ft, 20 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 39.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.91 ft above land-surface datum.

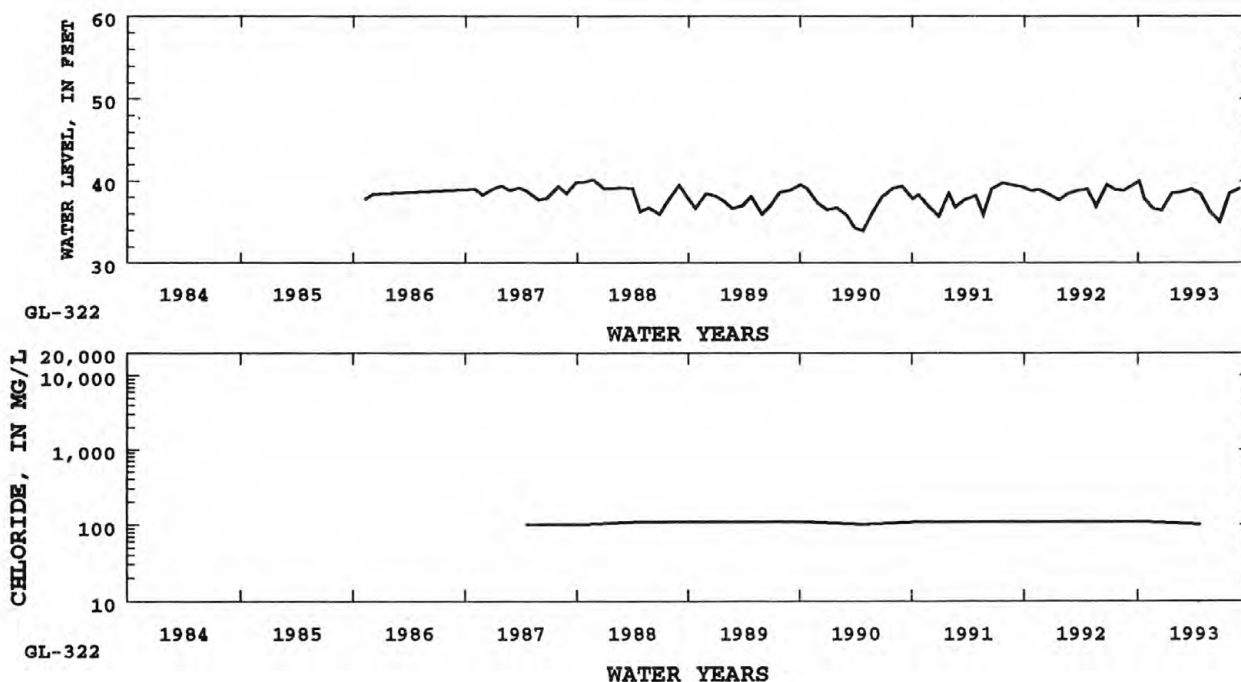
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--November 1985 to current year. Records of water levels prior to October 1991 are in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.16 ft NGVD, Nov. 23, 1987; lowest, 33.9 ft NGVD, Apr. 24, 1990.

264910081280104 - GL - 322

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1145	--	--	39.95	20...	1105	878	100	38.42
21...	1200	875	110	37.84	MAY				
NOV					19...	0920	--	--	36.36
18...	1315	--	--	36.68	JUN				
DEC					22...	0930	--	--	35.05
18...	0850	--	--	36.41	JUL				
JAN					23...	0900	--	--	38.41
19...	0950	--	--	38.48	AUG				
FEB					25...	0940	--	--	39.08
16...	0935	--	--	38.57					
MAR									



Hendry County

VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 9

HENDRY COUNTY

Index Number	Site Number	Well Name	Page Number
1	261859080585401	HE 3	383
2	263700081070001	HE 5	404
3	263700080550001	HE 339	403
4	264601081213102	HE 516	421
5	263310081250901	HE 529	395
5	263310081250902	HE 554	396
6	263845081260701	HE 555	407
6	263845081260702	HE 556	408
7	264235081310601	HE 557	417
7	264235081310602	HE 558	418
8	263930081301501	HE 559	410
8	263930081301502	HE 560	411
8	263930081301503	HE 569	412
9	264353081281101	HE 620	419
10	264137081040701	HE 629	415
11	263845081260703	HE 851	409
12	263548081200601	HE 852	401
13	263618081143001	HE 853	402
14	263515081012001	HE 854	397
15	263035081073501	HE 855	390
15	263035081073502	HE 856	391
16	264535081130701	HE 857	420
17	264235081074401	HE 858	416
18	262735081044602	HE 859	389
18	262735081044601	HE 860	388
19	261735080534001	HE 861	381
19	261735080534002	HE 862	382
20	262118081002901	HE 868	387
21	261801081042501	HE 884	380
22	263514081170701	HE 1027	398
22	263514081170702	HE 1028	399
22	263514081170703	HE 1029	400
23	263213081040801	HE 1036	393
23	263213081040802	HE 1037	394
24	262214081113001	HE 1042	385
24	262214081113002	HE 1043	386
24	262214081113003	HE 1044	384
25	261746081061803	HE 1062	378
25	261746081061804	HE 1063	379
26	264046081022801	HE 1068	413
26	264046081022802	HE 1069	414
27	263207080553101	HE 1075	392
28	263840081203901	HE 1076	406
28	263839081203901	HE 1077	405

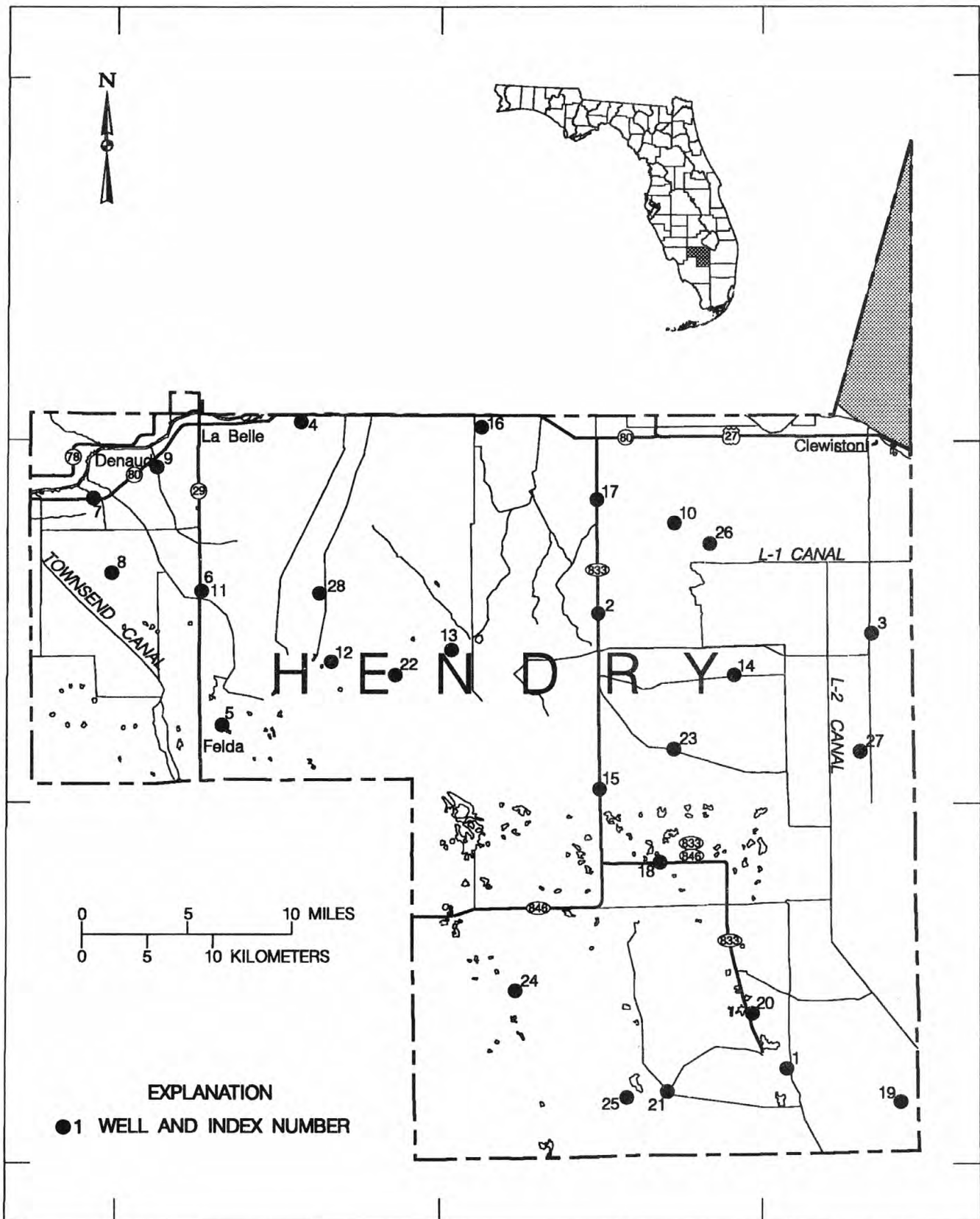


Figure 9: Location of wells in Hendry County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--261746081061803. Local Number HE 1062.

LOCATION.--Lat 26°17'46", long 81°06'18", in NW1/4NW1/4 sec.23, T.48 S., R.32 E., Hydrologic Unit 03090202, 20 ft south of road, 2 mi west of Feeder Canal, 7.5 mi from CR-833 on Government Road by Bingo Parlor 32 mi south of Clewiston. Owner: Department of the Interior. (Corrected).

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 10 ft, cased to 5 ft, 5 ft of 2 in. screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

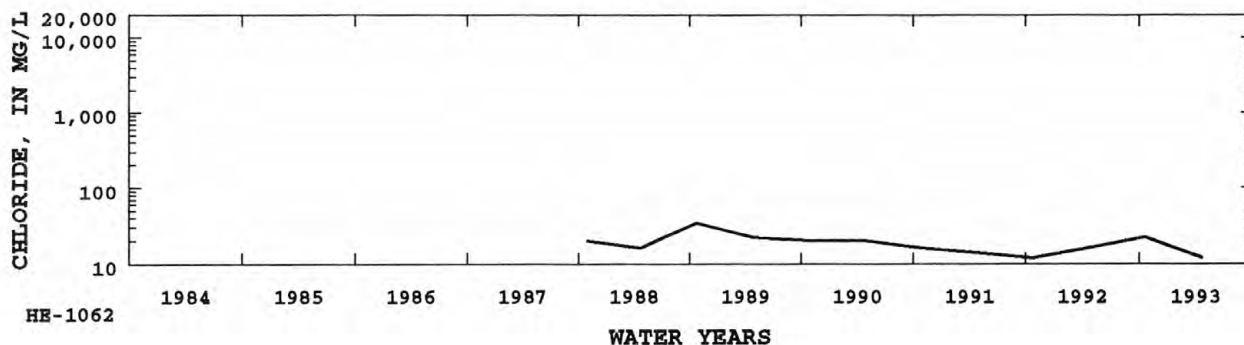
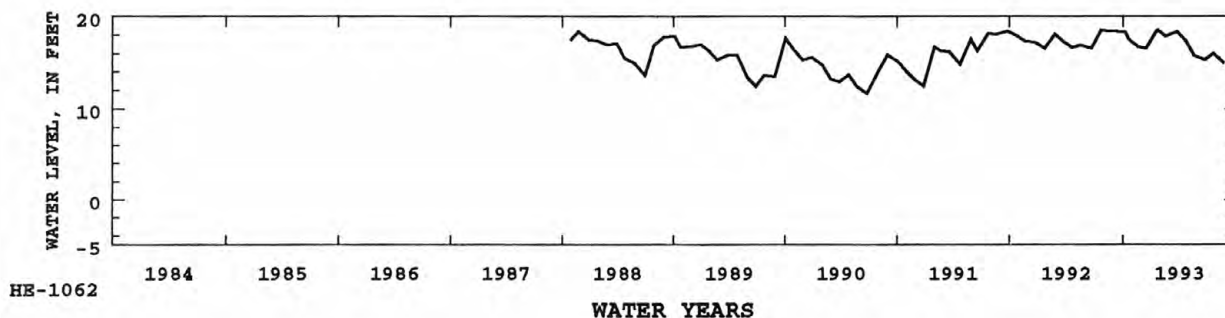
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.56 ft NGVD, Jan. 19, 1993; lowest measured, 11.66 ft NGVD, June 25, 1990.

261746081061803 - HE -1062

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	AS CL)	NGVD	(FEET)	(US/CM)	(MG/L	AS CL)	NGVD	(FEET)
OCT					APR				
07...	1015	--	--	18.31	22...	1315	302	12	17.32
20...	1520	420	22	17.49	MAY				
NOV					17...	1340	--	--	15.79
19...	1240	--	--	16.64	JUN				
DEC					22...	1145	--	--	15.25
15...	1215	--	--	16.52	JUL				
JAN					19...	1150	--	--	15.99
19...	1215	--	--	18.56	AUG				
FEB					23...	1220	--	--	14.94
16...	1340	--	--	17.88					
MAR									
24...	1330	--	--	18.32					



HENDRY COUNTY

WELL NUMBER.--261746081061804. Local Number HE 1063.

LOCATION.--Lat 26°17'46", long 81°06'18", in NW1/4NW1/4 sec.23, T.48 S., R.32 E., Hydrologic Unit 03090202, 20 ft south of road, 2 mi west of Feeder Canal, 7.5 mi from CR-833 on Government Road by Bingo Parlor, 32 mi south of Clewiston.

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 123 ft, cased to 78 ft, 45 ft of 2 in. screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.08 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

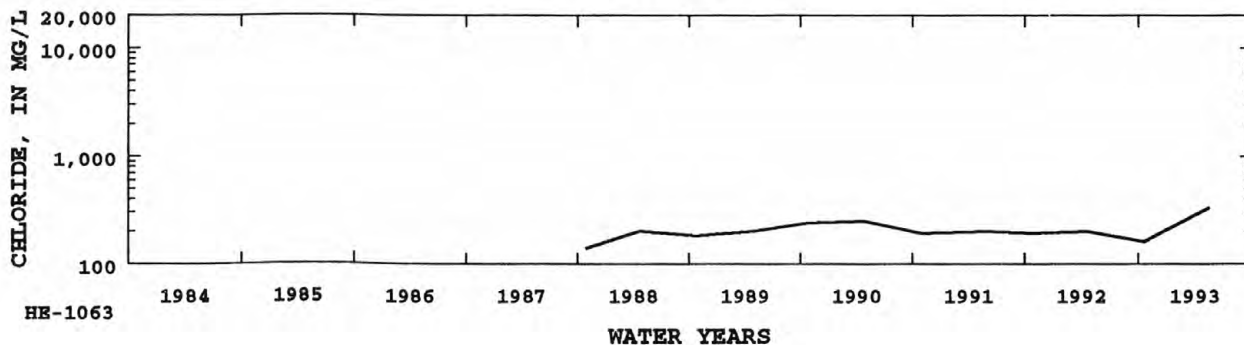
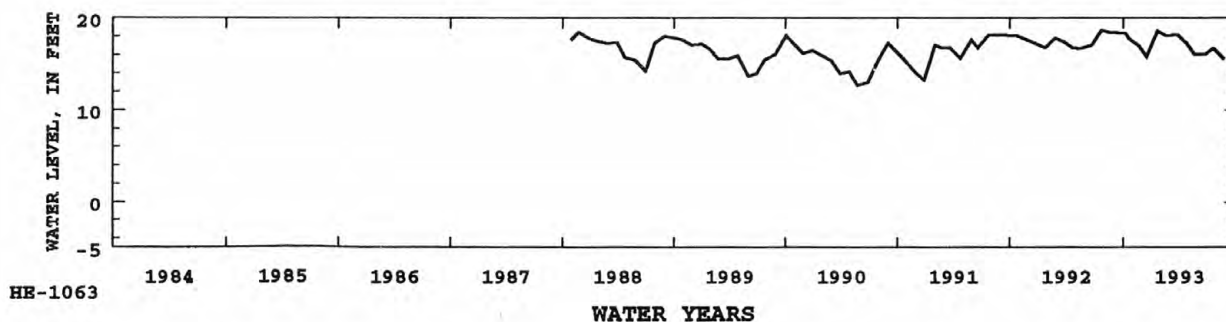
PERIOD OF RECORD.--October 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.62 ft NGVD, July 22,1992; lowest measured, 12.72 ft NGVD, May 24, 1990.

261746081061804 - HE -1063

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1020	--	--	18.31	22...	1320	--	--	17.26
20...	1520	1280	160	17.75	MAY				
NOV					17...	1340	1620	330	16.04
19...	1240	--	--	16.98	JUN				
DEC					22...	1145	--	--	16.04
15...	1210	--	--	15.78	JUL				
JAN					19...	1150	--	--	16.63
19...	1210	--	--	18.52	AUG				
FEB					20...	1120	--	--	15.55
16...	1340	--	--	18.04					
MAR									
24...	1330	--	--	18.17					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--261801081042501. Local Number HE 884.

LOCATION.--Lat 26°18'01", long 81°04'25", in SW1/4Sw1/4 sec.18, T.48 S., R.33 E., Hydrologic Unit 03090202, 100 ft from SW corner of bridge over West Feeder Canal, 5.5 mi from CR-833 on Government Road by Bingo Parlor, 30 mi south of Clewiston. Owner: Department of Interior.

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 4 in., depth 67 ft, cased to 62 ft, open hole 62-67 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 0.90 ft above land-surface datum.

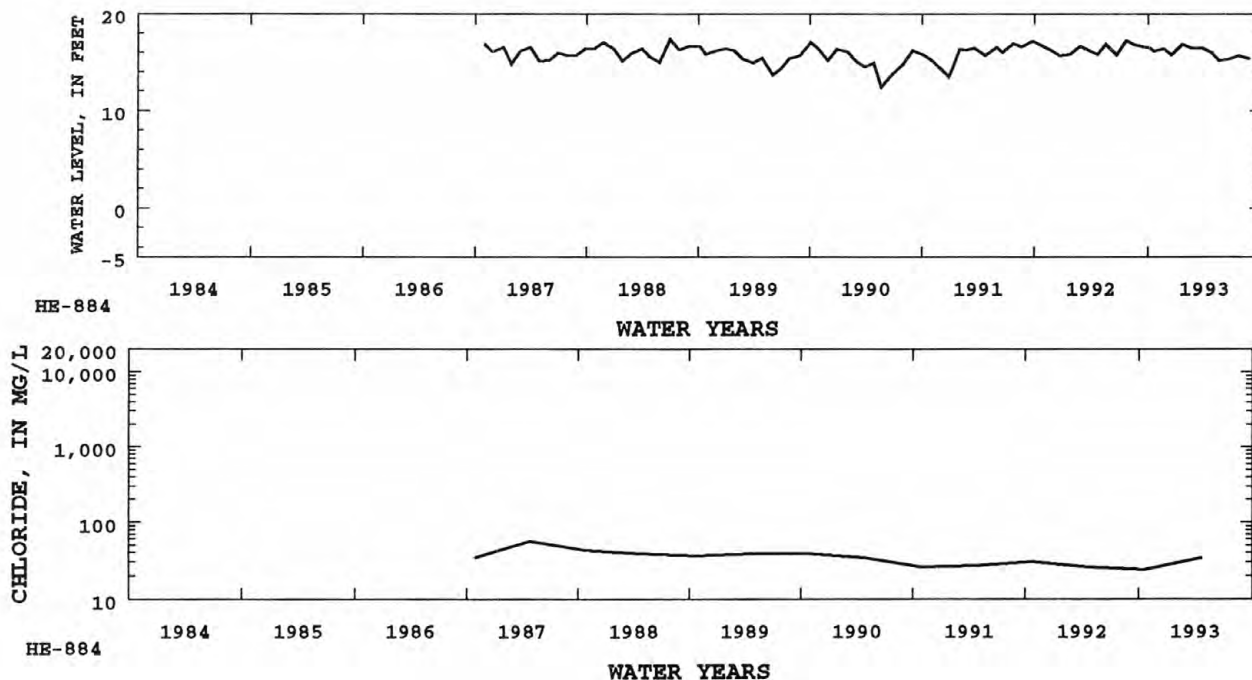
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to October 1979, October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.37 ft NGVD, June 30, 1988; lowest measured, 12.41 ft NGVD, May 22, 1990.

261801081042501 - HE - 884

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1000	--	--	16.48	22...	1315	693	34	16.02
20...	1215	733	24	16.11	MAY				
NOV					17...	1330	--	--	15.16
19...	1235	--	--	16.36	JUN				
DEC					22...	1155	--	--	15.36
15...	1205	--	--	15.75	JUL				
JAN					19...	1200	--	--	15.69
19...	1210	--	--	16.83	AUG				
FEB					23...	1230	--	--	15.33
16...	1330	--	--	16.48					
MAR									
24...	1325	--	--	16.44					



HENDRY COUNTY

WELL NUMBER.--261735080534001. Local Number HE 861.

LOCATION.--Lat 26°18'05", long 80°53'33", in NE1/4NW1/4 sec.24, T.48 S., R.34 E., Hydrologic Unit 03090202, on the south side of County Road 833, .75 mi west of the Broward County line and 5.2 mi east of the Big Cypress Forest Office. Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 4 in., depth 70 ft, cased to 37 ft, open hole 37-70 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 14.42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.78 ft above land-surface datum. Prior to October 1988 land-surface datum was considered to be 15.00 ft above NGVD. See PERIOD OF RECORD.

REMARKS.--Well also sampled for water quality.

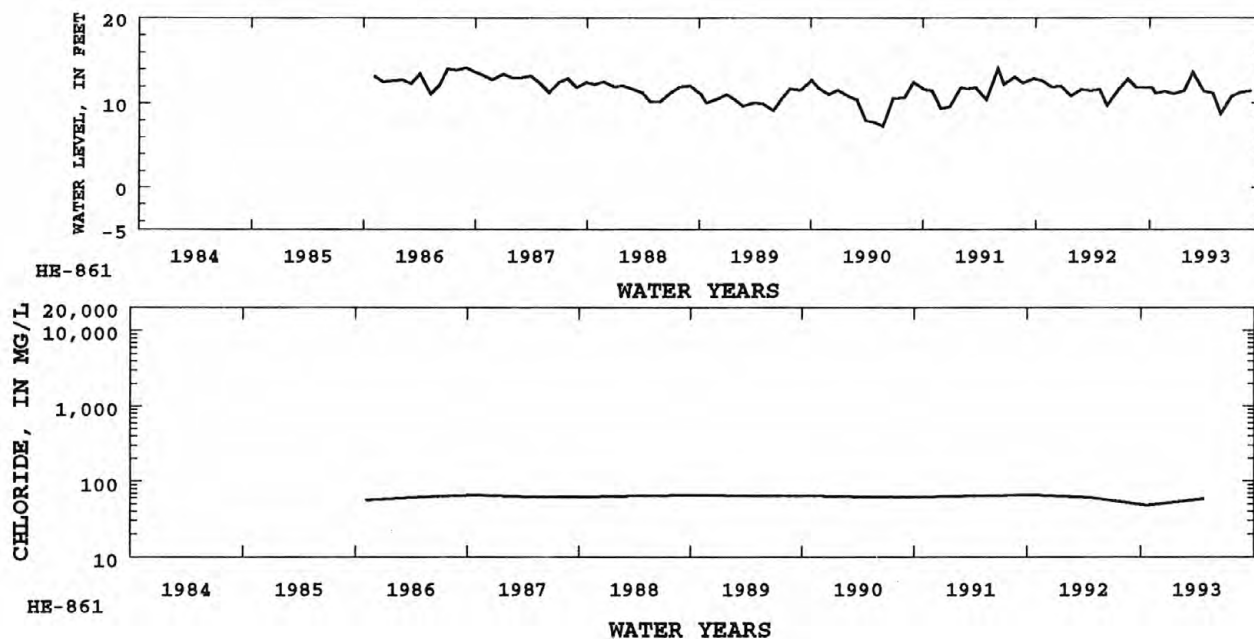
PERIOD OF RECORD.--September 1977 to November 1977 (monthly), December 1977 to September 1983 (daily), October 1983 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1988 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.57 ft NGVD, Feb. 16, 1993; lowest, 6.94 ft NGVD, May 31, 1981. (Corrected).

261735080534001 - HE - 861

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1050	--	--	11.87	22...	1400	807	58	11.12
20...	1355	562	48	11.15	MAY				
NOV					17...	1425	--	--	8.72
19...	1300	--	--	11.36	JUN				
DEC					22...	1300	--	--	10.80
15...	1310	--	--	11.10	JUL				
JAN					19...	1220	--	--	11.23
19...	1240	--	--	11.46	AUG				
FEB					23...	1300	--	--	11.47
16...	1410	--	--	13.57					
MAR									
24...	1400	--	--	11.37					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--261735080534002. Local Number HE 862.

LOCATION.--Lat 26°18'05", long 80°53'33", in NE1/4NW1/4 sec.24, T.48 S., R.34 E., Hydrologic Unit 03090202, on the south side of County Road 833, .75 mi west of the Broward County line and 5.2 mi east of the Big Cypress Forest Office. Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 10.0 ft, cased to 7 ft, 3 ft of screen. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelf, 2.71 ft above land-surface datum. Prior to September 1984 land-surface datum was considered to be 14.98 ft above NGVD and between October 1984 and September 1990 land-surface datum was considered to be 15.00 ft above NGVD. See PERIOD OF RECORD. (Corrected).

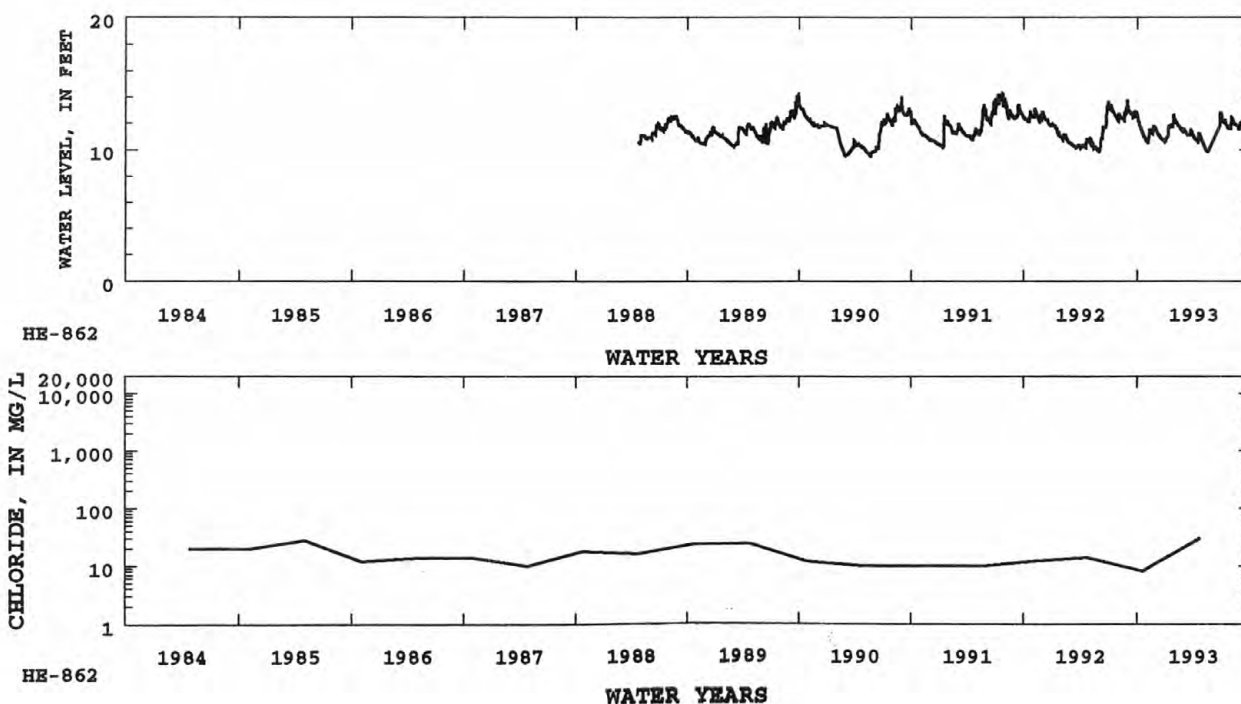
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to November 1977 (monthly), December 1977 to September 1983 (daily). October 1983 to September 1988 (monthly). October 1988 to current year. The figures of water levels as elevation, in feet NGVD, prior to September 1990 are in error. Corrected records are in the files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.38 ft NGVD, Aug. 23, 1978: lowest measured, 8.19 ft NGVD, May 24, 1990. (Corrected).

STATION NUMBER 261735080534002 HE - 862
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.16	10.49	11.26	10.97	12.00	11.35	10.83	10.20	---	12.25	12.22	12.27
10	11.79	11.52	11.07	11.79	11.81	11.12	10.71	9.98	---	12.16	11.97	12.65
15	11.46	11.41	10.90	11.71	11.68	11.14	10.48	9.83	---	11.84	11.86	12.45
20	11.10	11.54	10.80	11.83	11.47	11.14	11.13	---	---	11.63	11.66	12.34
25	10.90	11.76	10.67	12.25	11.49	11.30	10.75	---	12.80	11.74	11.58	12.08
EOM	10.65	11.52	10.63	12.21	11.55	10.97	10.50	---	12.34	12.38	12.05	12.04
MEAN	11.45	11.30	10.93	11.70	11.73	11.23	10.82	---	---	11.92	11.91	12.29
MAX	12.69	11.76	11.47	12.70	12.16	11.49	11.25	---	---	12.38	12.33	12.65
MIN	10.65	10.49	10.61	10.78	11.37	10.97	10.48	---	---	11.56	11.50	11.98



HENDRY COUNTY

WELL NUMBER.--261859080585401. Local Number HE 3.

LOCATION.--Lat 26°18'59", long 80°58'54", in SW1/4SE1/4 sec.12, T.48 S., R.33 E., Hydrologic Unit 03090202, in Big Cypress Indian Reservation, 12.2 mi southeast of Intersection of CR-846 and CR-833, and 30.4 mi south of Clewiston. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 10 ft, cased to 8.2 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.52 ft above land-surface datum. See PERIOD OF RECORD.

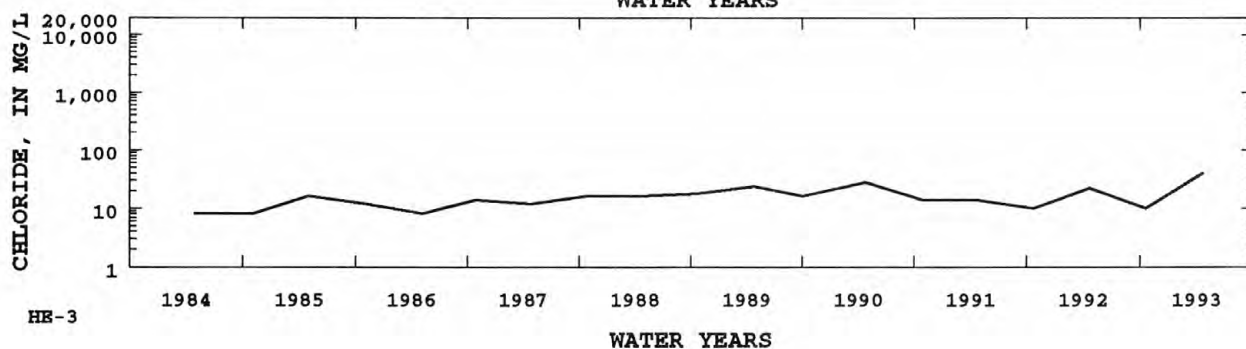
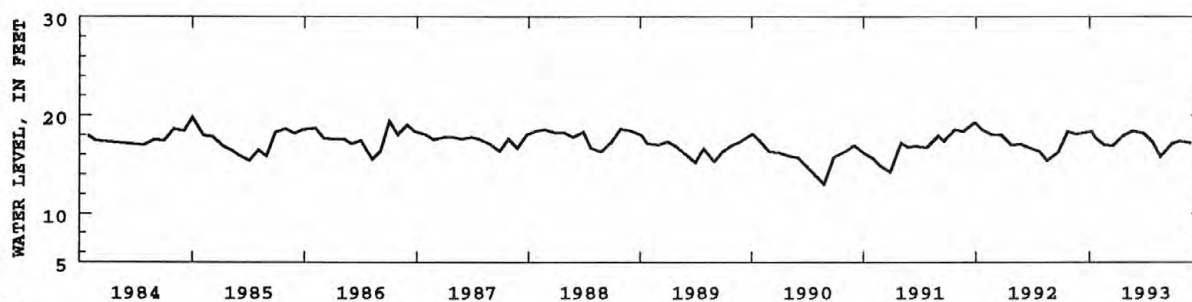
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--July 1950 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.38 ft NGVD, June 24, 1982; lowest, 12.79 ft NGVD, June 6-12, 1974.

261859080585401 - HE - 3

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
07...	1030	--	--	18.33	22...	1330	709	40	17.24
20...	1315	277	10	17.70	MAY				
NOV					17...	1400	--	--	15.72
17...	1250	--	--	17.00	JUN				
DEC					22...	1230	--	--	17.12
15...	1230	--	--	16.93	JUL				
JAN					19...	1210	--	--	17.37
19...	1225	--	--	17.95	AUG				
FEB					23...	1240	--	--	17.18
16...	1355	--	--	18.42					
MAR									
24...	1345	--	--	18.16					



HENDRY COUNTY

WELL NUMBER.--262214081113003. Local Number HE 1044.

LOCATION.--Lat 26°22'14", long 81°11'30", in NE1/4NE1/4 sec.26, T.47 S., R.31 E., Hydrologic Unit 03090202, at windmill, 325 ft east of road, 4.8 mi south of County Road 846, 11.2 mi east of SR 29. (Corrected). Owner: Barron Collier Corporation.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation artesian well, diameter 2 in., depth 400 ft, cased to 320 ft, 80 ft of 2 in. screen. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of gate valve, 2.09 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

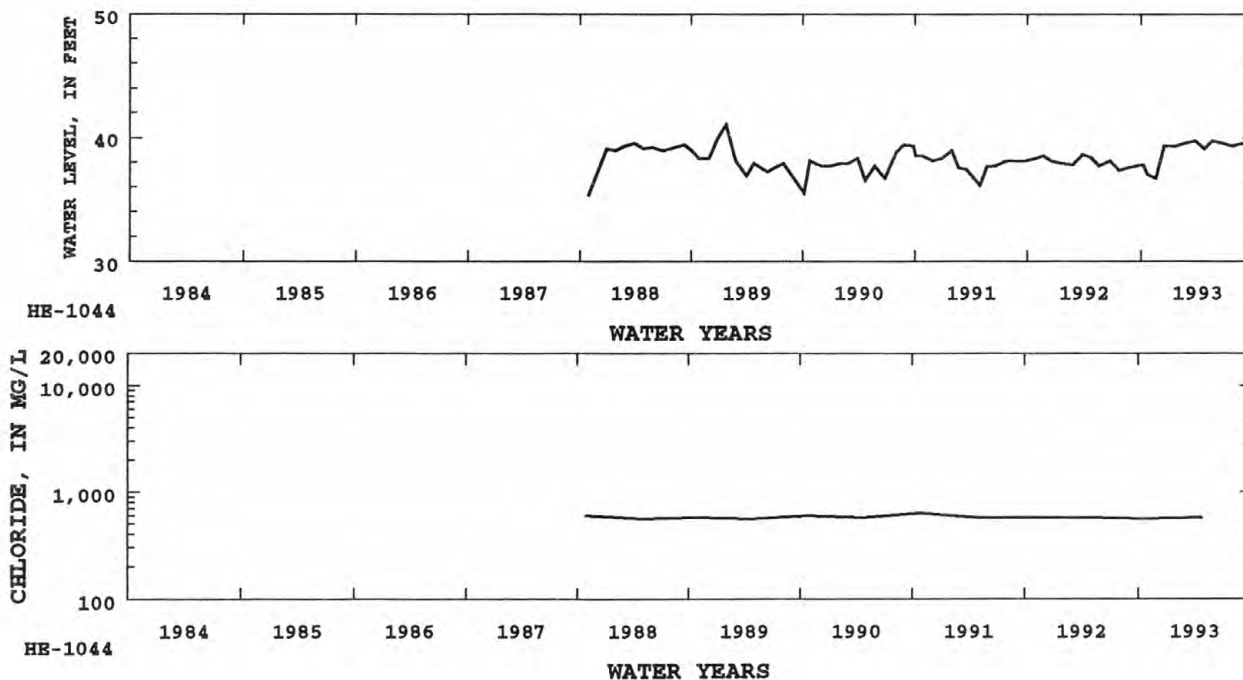
PERIOD OF RECORD.--October 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.00 ft NGVD, Jan. 24, 1989; lowest measured, 35.5 ft NGVD, Oct. 5, 1989.

262214081113003 - HE -1044

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1020	--	--	37.80	23...	1000	3910	580	39.10
21...	1415	3890	560	37.00	MAY				
NOV					20...	1110	--	--	39.70
17...	1225	--	--	36.70	JUN				
DEC					21...	1150	--	--	39.50
16...	1120	--	--	39.30	JUL				
JAN					20...	1205	--	--	39.30
21...	0955	--	--	39.30	AUG				
FEB					24...	1155	--	--	39.50
18...	1040	--	--	39.50					
MAR									
24...	1115	--	--	39.70					



HENDRY COUNTY

WELL NUMBER.--262214081113001. Local Number HE 1042.

LOCATION.--Lat 26°22'14", long 81°11'30", in NE1/4NE1/4 sec.26, T.47 S., R.31 E., Hydrologic Unit 03090202, 325 ft east of road, 4.8 mi south of County Road 846, 11.2 mi east of SR 29. Owner: Barron Collier Corporation.

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 80 ft, cased to 40 ft, 40 ft of 2 in. screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

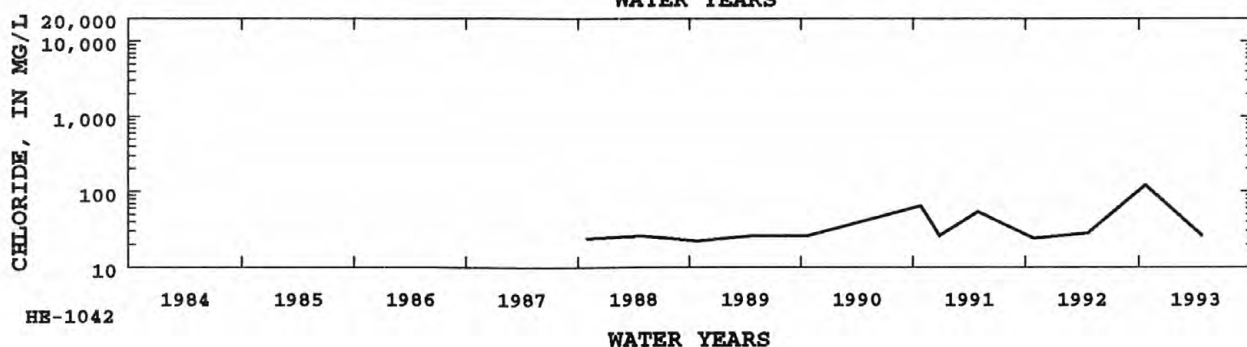
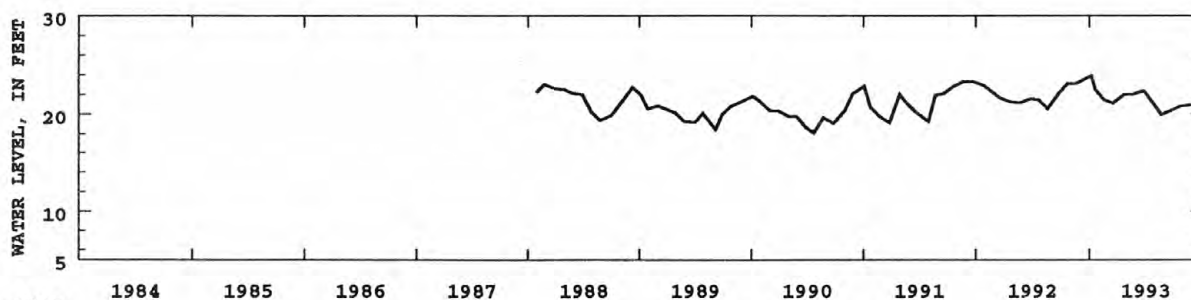
PERIOD OF RECORD.--October 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.91 ft NGVD, Oct. 7, 1992; lowest measured, 18.02 ft NGVD, Apr. 23, 1990.

262214081113001 - HE -1042

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1020	--	--	23.91	23...	0950	750	26	21.14
21...	1405	1270	120	22.54	MAY				
NOV					20...	1105	--	--	19.94
17...	1220	--	--	21.51	JUN				
DEC					21...	1145	--	--	20.33
16...	1115	--	--	21.08	JUL				
JAN					20...	1200	--	--	20.80
21...	0950	--	--	21.99	AUG				
FEB					24...	1150	--	--	20.93
18...	1035	--	--	21.98					
MAR									
24...	1115	--	--	22.42					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--262214081113002. Local Number HE 1043.

LOCATION.--Lat 26°22'14", long 81°11'30", in NE1/4NE1/4 sec.26, T.47 S., R.31 E., Hydrologic Unit 03090202, 325 ft east of road, 4.8 mi south of County Road 846, 11.2 mi east of SR 29. Owner: Barron Collier Corporation.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 10 ft, cased to 5 ft, 5 ft of 2 in. screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.60 ft above land-surface datum.

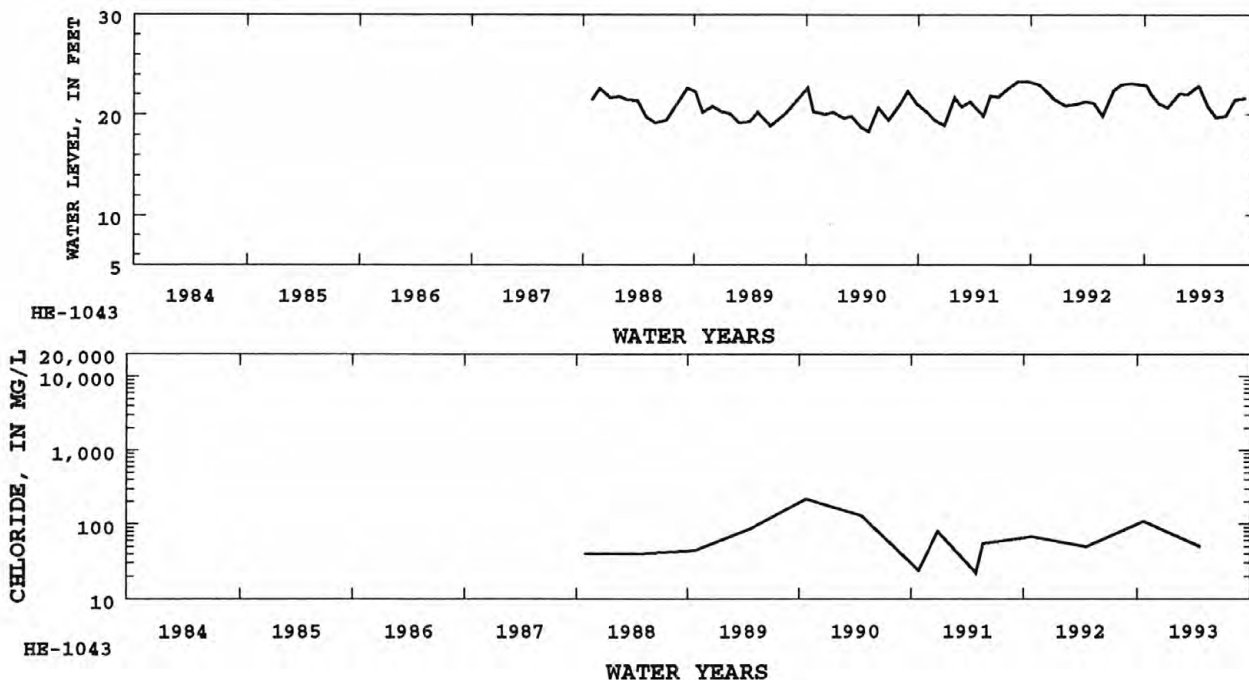
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.26 ft NGVD, Aug. 20, 1991; lowest measured, 18.32 ft NGVD, Apr. 23, 1990.

262214081113002 - HE -1043

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1020	--	--	22.85	23...	0955	848	50	20.79
21...	1410	1150	110	22.11	MAY				
NOV					20...	1105	--	--	19.70
17...	1220	--	--	21.04	JUN				
DEC					21...	1145	--	--	19.86
16...	1115	--	--	20.64	JUL				
JAN					20...	1200	--	--	21.42
21...	0950	--	--	22.01	AUG				
FEB					24...	1150	--	--	21.54
18...	1035	--	--	21.97					
MAR									
24...	1115	--	--	22.80					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

387

WELL NUMBER.--262118081002901. Local Number HE 868.

LOCATION.--Lat 26°22'26", long 81°01'02", in SW1/4SE1/4 sec.22, T.47 S., R.33 E., Hydrologic Unit 03090202, 25 ft from the east side of County Road 833, 4 mi south of County Road 846, approximately 24 mi south of Clewiston. (Corrected). Owner: U.S. Geological Survey.

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 4 in., depth 97 ft, cased to 84 ft, open hole 84 to 97 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.60 ft above land-surface datum.

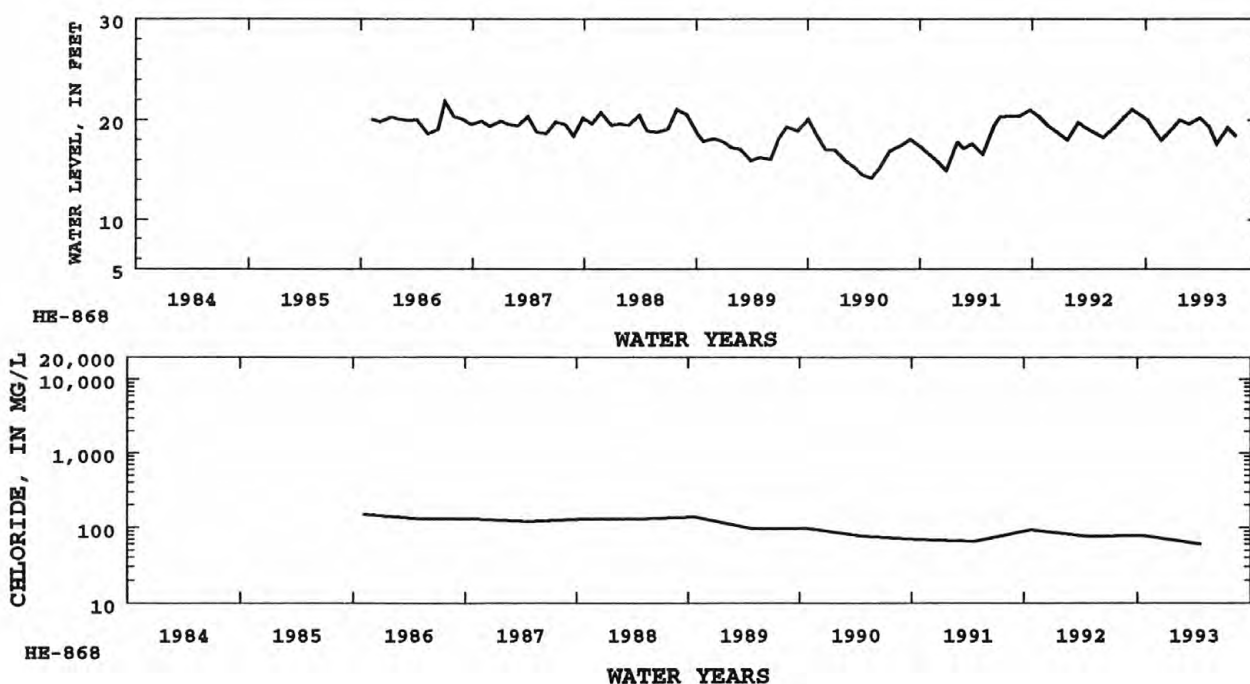
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to September 1979, November 1985 to current year. Prior years available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.83 ft NGVD, July 2, 1986; lowest measured, 14.18 ft NGVD, Apr. 26, 1990.

262118081002901 - HE - 868

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					MAR				
07...	0945	--	--	20.02	24...	1310	--	--	20.18
20...	1140	928	78	19.38	APR				
NOV					22...	1300	709	60	19.39
19...	1220	--	--	18.01	MAY				
DEC					17...	1315	--	--	17.60
15...	1155	--	--	18.78	JUN				
JAN					22...	1130	--	--	19.23
19...	1150	--	--	20.00	JUL				
FEB					19...	1135	--	--	18.39
16...	1320	--	--	19.63					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--262735081044601. Local Number HE 860.

LOCATION.--Lat 26°27'35", long 81°04'46", in SE1/4SE1/4 sec.24, T.46 S., R.33 E., Hydrologic Unit 03090204, on the north side of County Road 846, 3 mi east of County Road 833, and 23 mi east of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 14 ft, cased to 9 ft, 5 ft of screen. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.03 ft above land-surface datum. Prior to October 1987 land-surface datum was considered to be 25.00 ft above NGVD. See PERIOD OF RECORD.

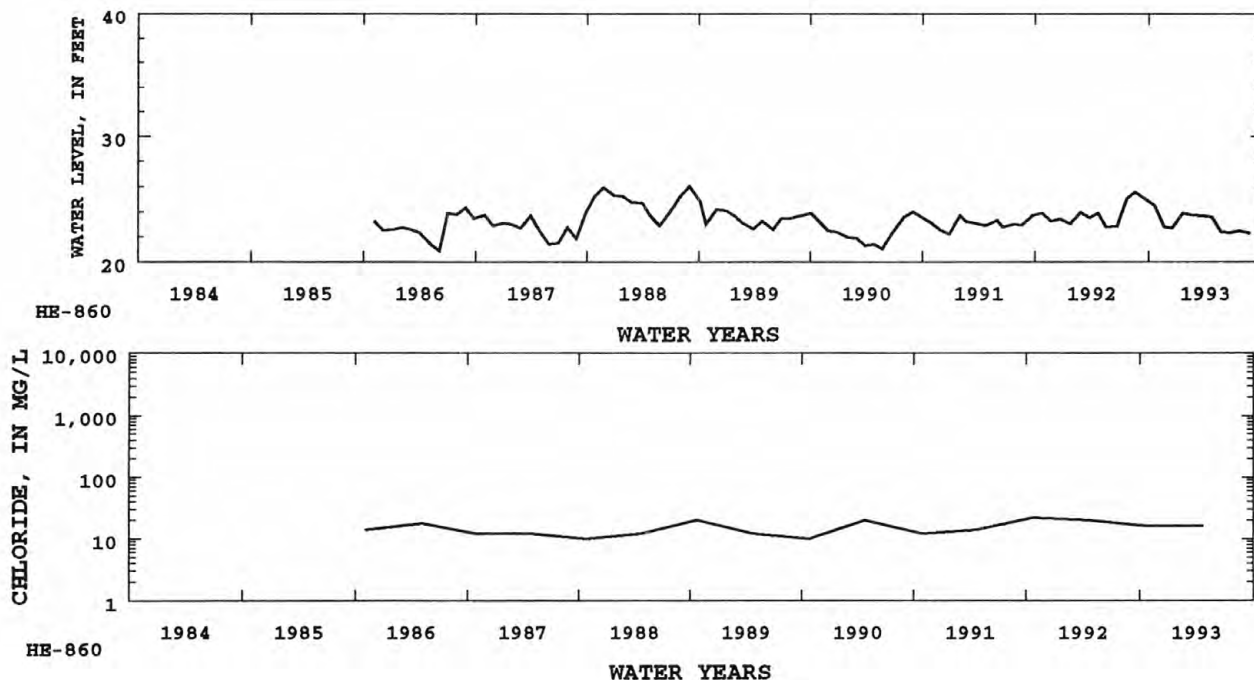
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to September 1979, November 1985 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1987 are in error. Corrected records are in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.98 ft NGVD, Aug. 30, 1988; lowest measured, 21.04 ft NGVD, May 24, 1990. (Corrected).

262735081044601 - HE - 860

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS CL)	NGVD			SOLVED	AS CL)	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
OCT					APR				
07...	0915	--	--	24.68	22...	1255	642	16	23.55
20...	1055	559	16	24.49	MAY				
NOV					21...	0945	--	--	22.38
19...	1200	--	--	22.79	JUN				
DEC					22...	1115	--	--	22.31
15...	1140	--	--	22.69	JUL				
JAN					19...	1120	--	--	22.47
19...	1140	--	--	23.85	AUG				
FEB					23...	1150	--	--	22.28
16...	1310	--	--	23.72					
MAR									
24...	1255	--	--	23.69					



HENDRY COUNTY

WELL NUMBER.--262735081044602. Local Number HE 859.

LOCATION.--Lat 26°27'35", long 81°04'46", in SE1/4SE1/4 sec.24, T.46 S., R.32 E., Hydrologic Unit 03090204, on the north of County Road 846, 3 mi east of County Road 833 and 23 mi east of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 4 in., depth 59 ft, cased to 58 ft, open hole 58 to 59 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.80 ft above land-surface datum. Prior to October 1987 land-surface datum was considered to be 25.00 ft above NGVD. See PERIOD OF RECORD.

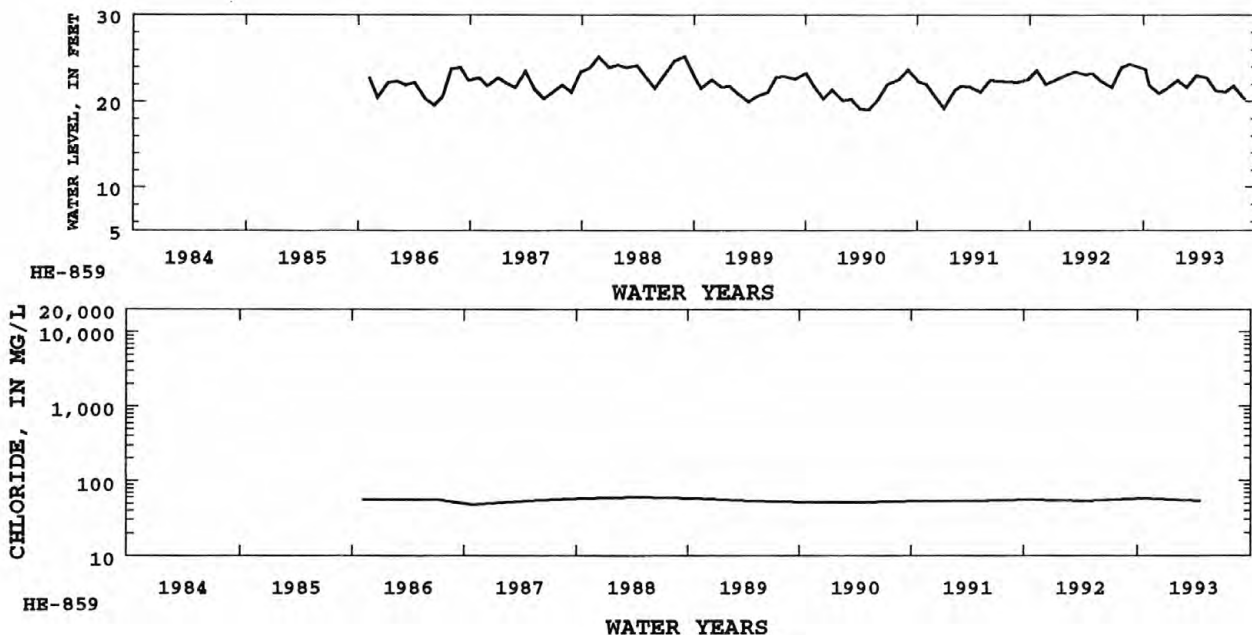
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to September 1979, November 1985 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1987 are in error. Corrected records of water levels are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.21 ft NGVD, Aug. 29, 1986; lowest measured, 19.09 ft NGVD, Apr. 26, 1990. (Corrected).

262735081044602 - HE - 859

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
ANCE	(US/CM)	CON-	DIS-	ATION	ANCE	(US/CM)	CON-	DIS-	ATION
		DUCT-	SOLVED				DUCT-	SOLVED	
NGVD	(FEET)	(MG/L	AS CL)	(FEET)	NGVD	(FEET)	(MG/L	AS CL)	(FEET)
OCT					APR				
07...	0920	--	--	23.71	22...	1250	780	54	22.74
20...	1055	791	58	21.86	MAY				
NOV					21...	0945	--	--	21.22
19...	1200	--	--	20.97	JUN				
DEC					22...	1115	--	--	21.08
15...	1145	--	--	21.48	JUL				
JAN					19...	1120	--	--	21.74
19...	1140	--	--	22.47	AUG				
FEB					23...	1150	--	--	20.26
16...	1310	--	--	21.60					
MAR									
21...	1255	--	--	22.92					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263035081073501. Local Number HE 855.

LOCATION.--Lat 26°31'35", long 81°07'35", in SW1/4NW1/4 sec.34, T.45 S., R.32 E., Hydrologic Unit 03090202, on County Road 833, 15 mi south of State Road 80, and 19 mi northeast of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Tamiame formation of Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 90 ft, cased to 70 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.57 ft above land-surface datum.

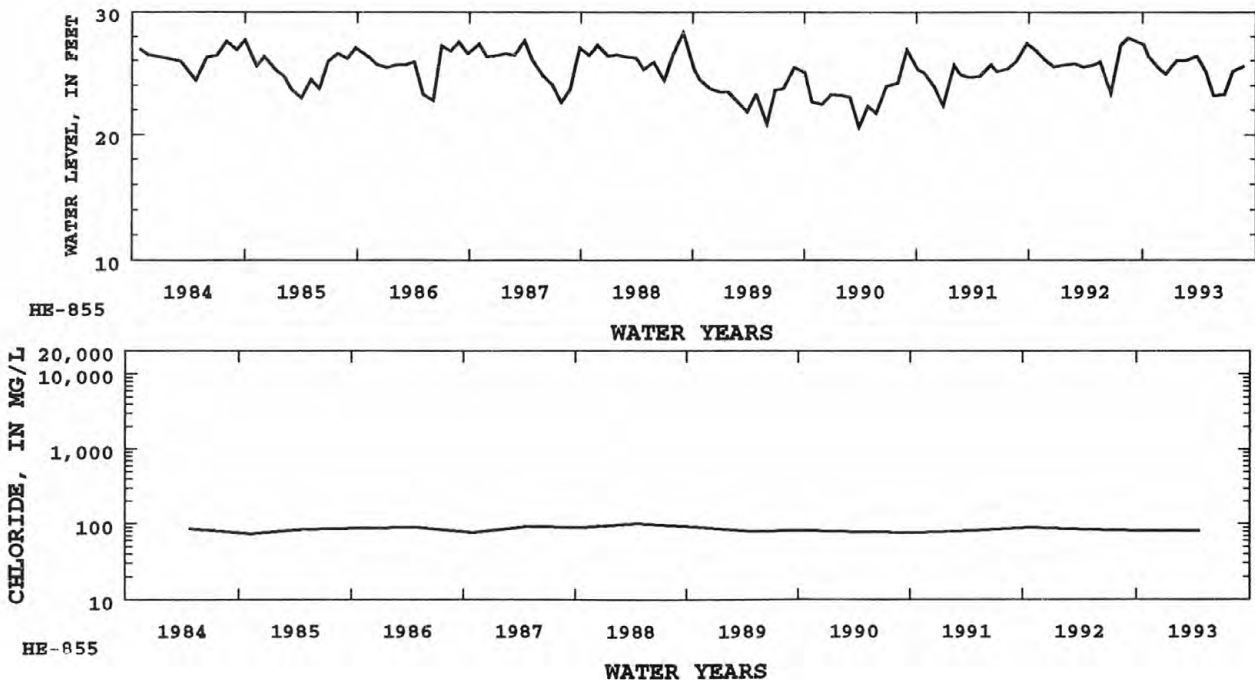
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1978 to November 1984 (daily), March 1984 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.28 ft NGVD, Aug. 30, 1988; lowest daily maximum water level, 18.58 ft NGVD, May 1, 1981. (Corrected).

263035081073501 - HE - 855

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1430	--	--	27.33	22...	1230	772	82	25.12
20...	1030	760	82	26.38	MAY				
NOV					17...	1250	--	--	23.21
19...	1150	--	--	25.42	JUN				
DEC					22...	1105	--	--	23.24
15...	1130	--	--	24.91	JUL				
JAN					19...	1110	--	--	25.12
19...	1130	--	--	25.98	AUG				
FEB					23...	1135	--	--	25.56
16...	1300	--	--	26.02					
MAR									
24...	1245	--	--	26.37					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

391

WELL NUMBER.--263035081073502. Local Number HE 856.

LOCATION.--Lat 26°31'35", long 81°07'35", in SW1/4NW1/4, sec.34, T.45 S., R.32 E., Hydrologic Unit 03090202, on County Road 833, 15 mi south of State Road 80, and 19 mi northeast of Immokalee. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 11 ft, screened 6 to 11 ft (corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.09 ft above land-surface datum.

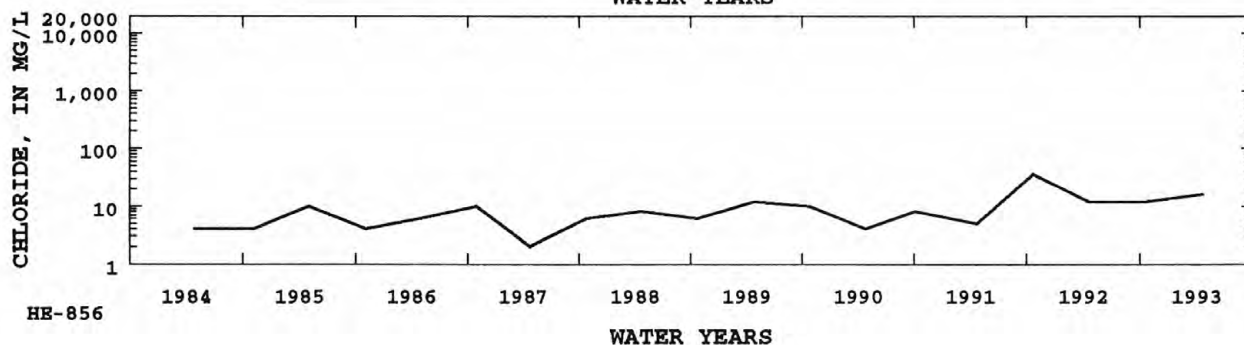
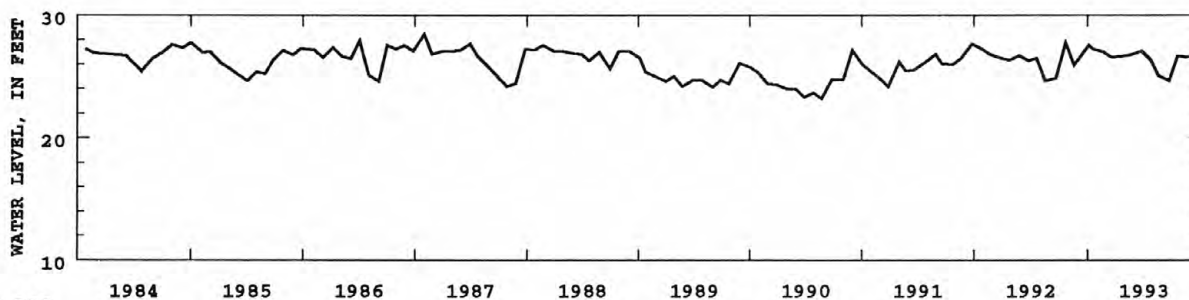
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1977 to current year. (Corrected). Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.44 ft NGVD, Oct. 31, 1986; lowest, 23.16 ft NGVD, May 24, 1990.

263035081073502 - HE - 856

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
	AS CL)		AS CL)	(FEET)		AS CL)		AS CL)	(FEET)
OCT					APR				
06...	1435	--	--	27.55	22...	1255	286	16	26.34
20...	1030	311	12	27.23	MAY				
NOV					17...	1250	--	--	25.05
19...	1150	--	--	27.02	JUN				
DEC					22...	1105	--	--	24.62
15...	1130	--	--	26.64	JUL				
JAN					19...	1110	--	--	26.68
19...	1125	--	--	26.68	AUG				
FEB					23...	1140	--	--	26.63
16...	1300	--	--	26.77					
MAR									
24...	1245	--	--	27.06					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263207080553101. Local Number HE 1075.

LOCATION.--Lat 26°32'07", long 80°55'03", in SE1/4SW1/4 sec.27, T.45 S., R.34 E., Hydrologic Unit 03090202, 60 ft north of Barn, 6.6 mi south of HE 339 and County Road 832, 15 mi south of Clewiston. Owner: U.S. Sugar.

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 155 ft, cased to 135 ft, 20 ft of screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

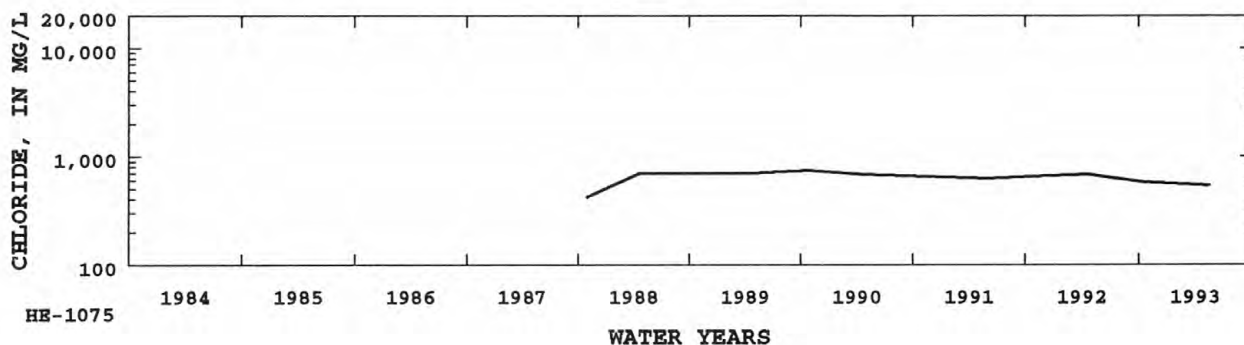
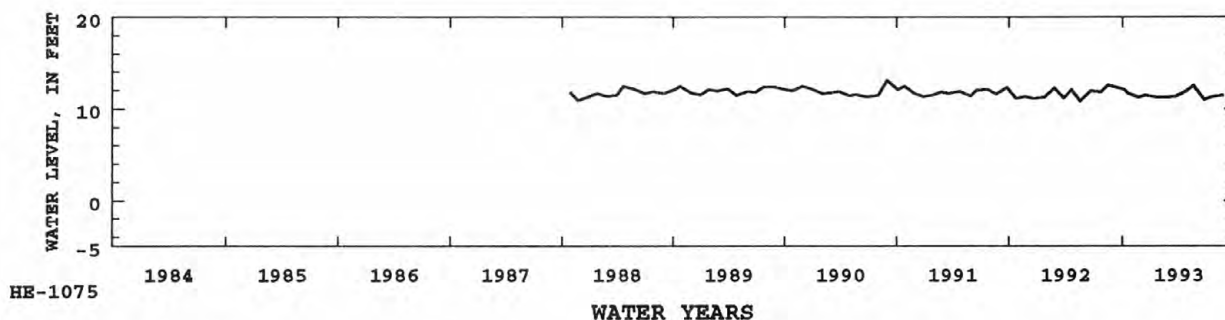
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.06 ft NGVD; Aug. 30, 1990; lowest measured, 10.80 ft NGVD, May 18, 1992.

263207080553101 - HE -1075

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ATION	ANCE	ANCE	CON-	DIS-	ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
(US/CM)	(MG/L			NGVD	(US/CM)	(MG/L			NGVD
	AS CL)			(FEET)		AS CL)			(FEET)
OCT					APR				
06...	1300	--	--	12.05	22...	1120	--	--	11.87
19...	1315	2990	580	11.69	MAY				
NOV					17...	1120	2890	540	12.47
19...	1100	--	--	11.27	JUN				
DEC					22...	1015	--	--	10.95
15...	1040	--	--	11.46	JUL				
JAN					19...	1030	--	--	11.29
19...	1040	--	--	11.25	AUG				
FEB					23...	1045	--	--	11.46
16...	1205	--	--	11.27					
MAR									
20...	1115	--	--	11.34					



HENDRY COUNTY

WELL NUMBER.--263213081040801. Local Number HE 1036.

LOCATION.--Lat 26°32'13", long 81°04'08", in NE1/4SW1/4 sec.30, T.45 S., R.33 E., Hydrologic Unit 03090202, 400 ft north of Dooley Road, 3.5 mi east of County Road 833, 20 mi southeast of Clewiston. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 10 ft, cased to 5 ft, 5 ft of screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.34 ft above land-surface datum.

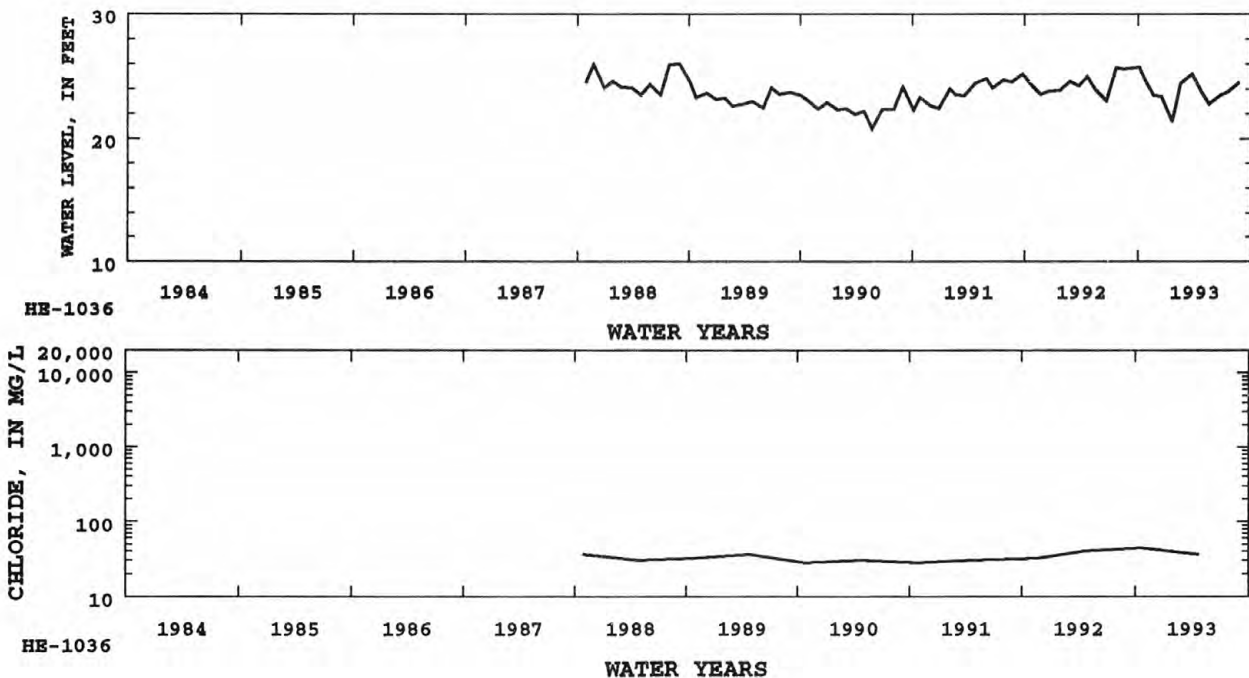
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.03 ft NGVD, Aug. 30, 1988; lowest measured, 20.81 ft NGVD, May 24, 1990.

263213081040801 - HE -1036

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	AS	NGVD			DUCT-	AS	NGVD
(US/CM)	(MG/L)	(US/CM)	(MG/L)	(FEET)	(US/CM)	(MG/L)	(US/CM)	(MG/L)	(FEET)
OCT					APR				
06...	1345	--	--	25.73	22...	1215	532	36	23.77
20...	0930	485	44	24.90	MAY				
NOV					17...	1220	--	--	22.77
19...	1135	--	--	23.45	JUN				
DEC					22...	1050	--	--	23.48
15...	1105	--	--	23.39	JUL				
JAN					19...	1100	--	--	23.79
19...	1110	--	--	21.39	AUG				
FEB					23...	1115	--	--	24.49
16...	1250	--	--	24.46					
MAR									
24...	1210	--	--	25.19					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263213081040802. Local Number HE 1037.

LOCATION.--Lat 26°32'13", long 81°04'08", in NE1/4SW1/4 sec.30, T.45 S., R.33 E., Hydrologic Unit 03090202, 400 ft north of Dooley Road, 3.5 mi east of County Road 833, 20 mi southeast of Clewiston. Owner: South Florida Water Management District.

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 120 ft, cased to 70 ft, 50 ft of 2 in. screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.21 ft above land-surface datum.

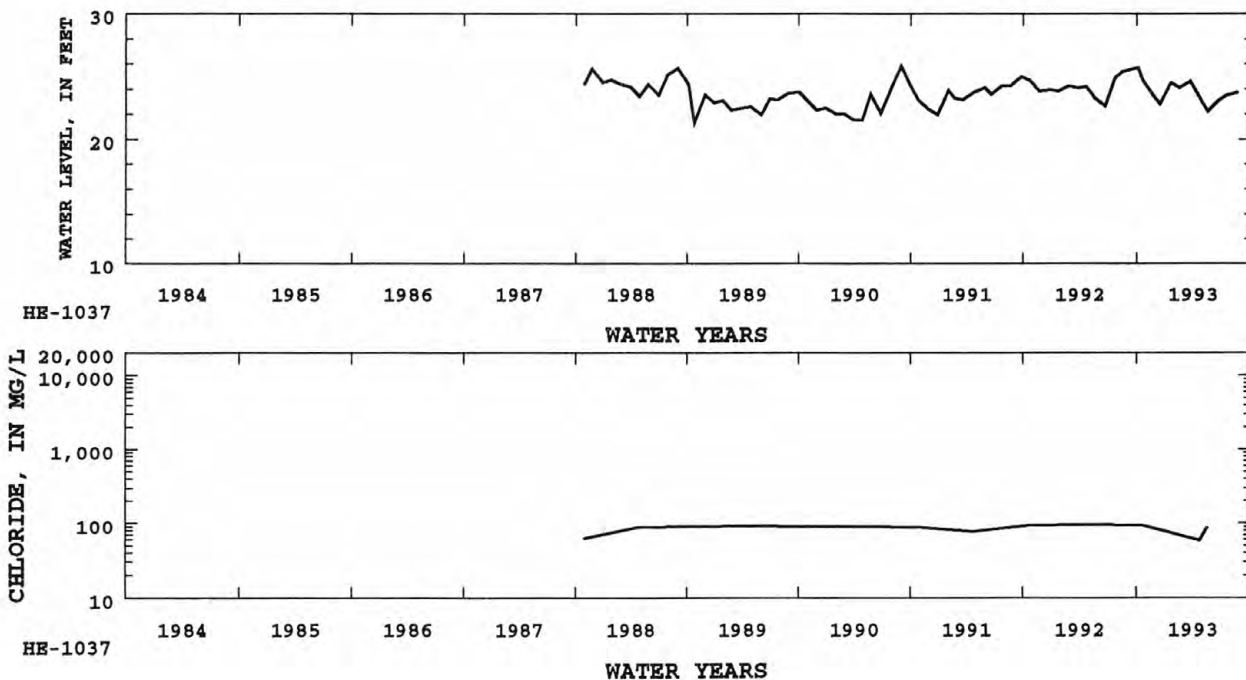
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.81 ft NGVD, Aug. 30, 1990; lowest measured, 21.27 ft NGVD, Oct. 24, 1988.

263213081040802 - HE -1037

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	1350	--	--	25.70	22...	1220	762	58	23.24
20...	0930	980	94	24.69	MAY				
NOV					17...	1220	980	88	22.24
19...	1140	--	--	23.57	JUN				
DEC					22...	1050	--	--	23.10
15...	1105	--	--	22.77	JUL				
JAN					19...	1100	--	--	23.53
19...	1115	--	--	24.49	AUG				
FEB					23...	1115	--	--	23.70
16...	1250	--	--	24.09					
MAR									
23...	1210	--	--	24.60					



HENDRY COUNTY

WELL NUMBER.--263310081250901. Local Number HE 529.

LOCATION.--Lat 26°33'10", long 81°25'09", in NW1/4NW1/4 sec.21, T.45 S., R.29 E., Hydrologic Unit 03090205, 1.0 mi west of State Road 29, and 1.0 mi north of Felda. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 155 ft, cased to 135 ft, 20 ft of screen. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 32.57 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf floor, 2.55 ft above land-surface datum.

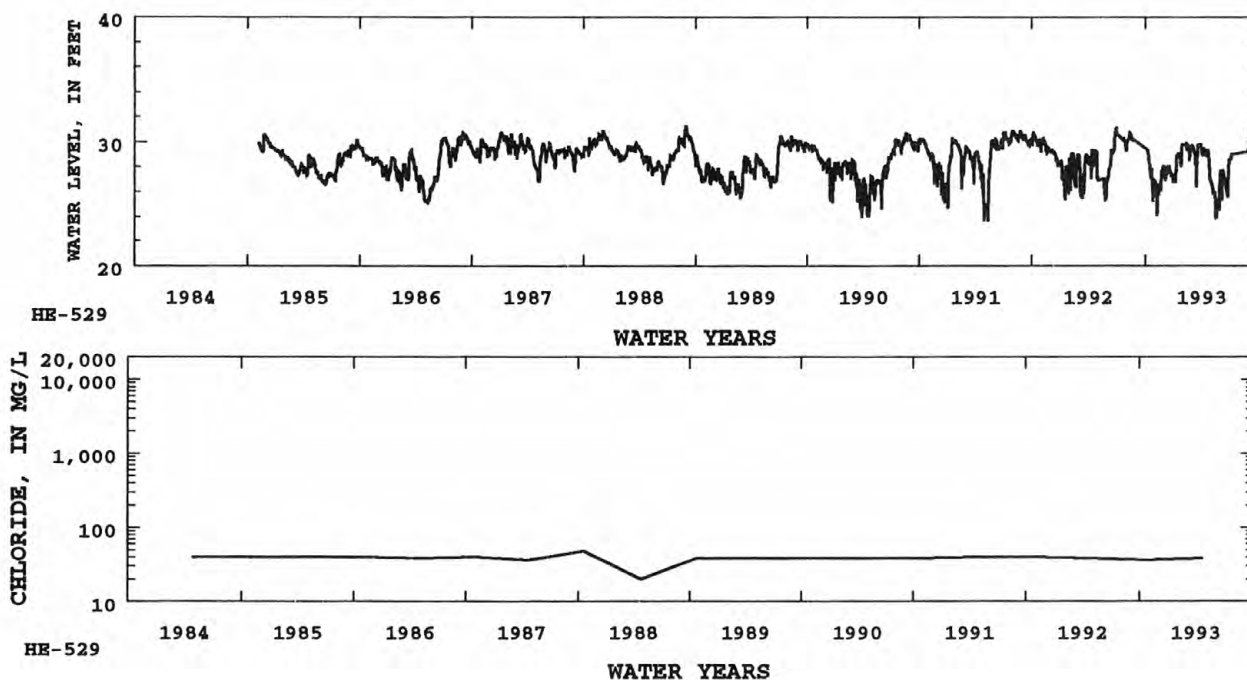
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 31.69 ft NGVD, Oct. 5, 1982; lowest, 23.59 ft NGVD, May 12, 1991.

STATION NUMBER 263310081250901 HE - 529
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	26.46	26.85	26.78	---	29.36	29.24	26.46	25.96	28.65	---	29.80
10	29.09	25.86	27.45	28.88	29.76	28.19	29.38	25.99	---	---	---	30.78
15	28.04	26.19	28.02	29.04	---	27.61	28.79	24.26	---	---	---	30.33
20	27.33	26.07	27.48	28.97	28.50	29.72	29.26	25.29	---	---	---	30.00
25	25.20	27.06	27.29	28.32	29.39	29.78	28.45	24.98	27.56	---	---	29.80
EOM	26.87	28.01	26.79	---	29.67	29.20	26.84	27.54	28.57	---	29.87	30.13
MEAN	---	26.55	27.52	---	---	29.18	28.77	25.60	---	---	---	30.15
MAX	---	28.01	28.02	---	---	29.78	29.40	27.54	---	---	---	31.03
MIN	---	24.08	26.77	---	---	26.36	26.84	23.85	---	---	---	29.67



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263310081250902. Local Number HE 554.

LOCATION.--Lat 26°33'10", long 81°25'09", in NW1/4NW1/4 sec.21, T.45 S., R.29 E., Hydrologic Unit 03090205, 1.0 mi west of State Road 29, and 1.0 mi north of Felda. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15 ft, cased to 5 ft, screened 5 to 15 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

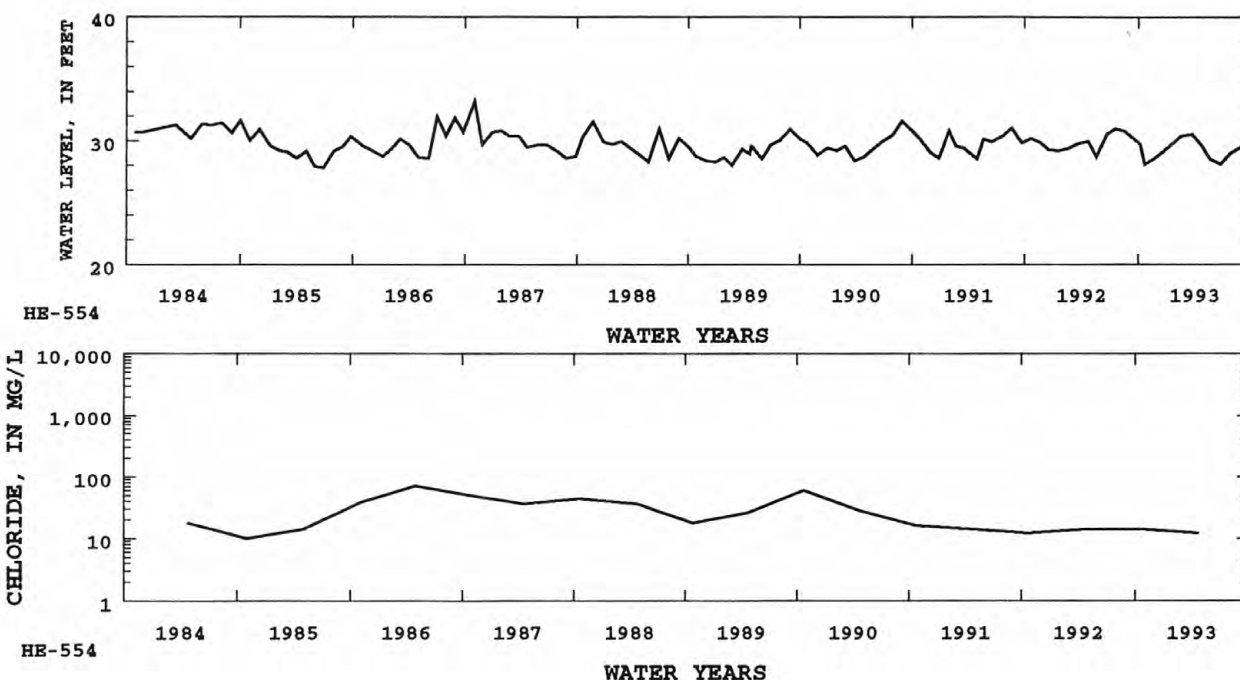
DATUM.--Land-surface datum is 32.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf floor, 2.58 ft above land-surface datum.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.22 ft NGVD, Oct. 31, 1986; lowest daily maximum water level, 26.74 ft NGVD, June 3, 1981.

263310081250902 - HE - 554

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS CL)	NGVD			SOLVED	AS CL)	NGVD
(US/CM)		(MG/L		(FEET)	(US/CM)		(MG/L		(FEET)
OCT					APR				
07...	1520	--	--	29.72	22...	1105	413	12	29.62
22...	1430	435	14	28.07	MAY				
NOV					19...	1220	--	--	28.53
18...	0955	--	--	28.49	JUN				
DEC					22...	1235	--	--	28.12
18...	1045	--	--	29.08	JUL				
JAN					23...	1220	--	--	28.99
19...	1305	--	--	29.79	AUG				
FEB					25...	1250	--	--	29.52
16...	1245	--	--	30.38					
MAR									
22...	1225	--	--	30.56					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

397

WELL NUMBER.--263515081012001. Local Number HE 854.

LOCATION.--Lat 26°35'10", long 81°02'06", in SE1/4NE1/4 sec.9, T.45 S., R.33 E., Hydrologic Unit 03090202, on the north side of Hill Grade Road, 3.35 mi west of County Road 846, and 16 mi south of Clewiston. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 14 ft, cased to 8 ft, screened 8 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.85 ft above land-surface datum.

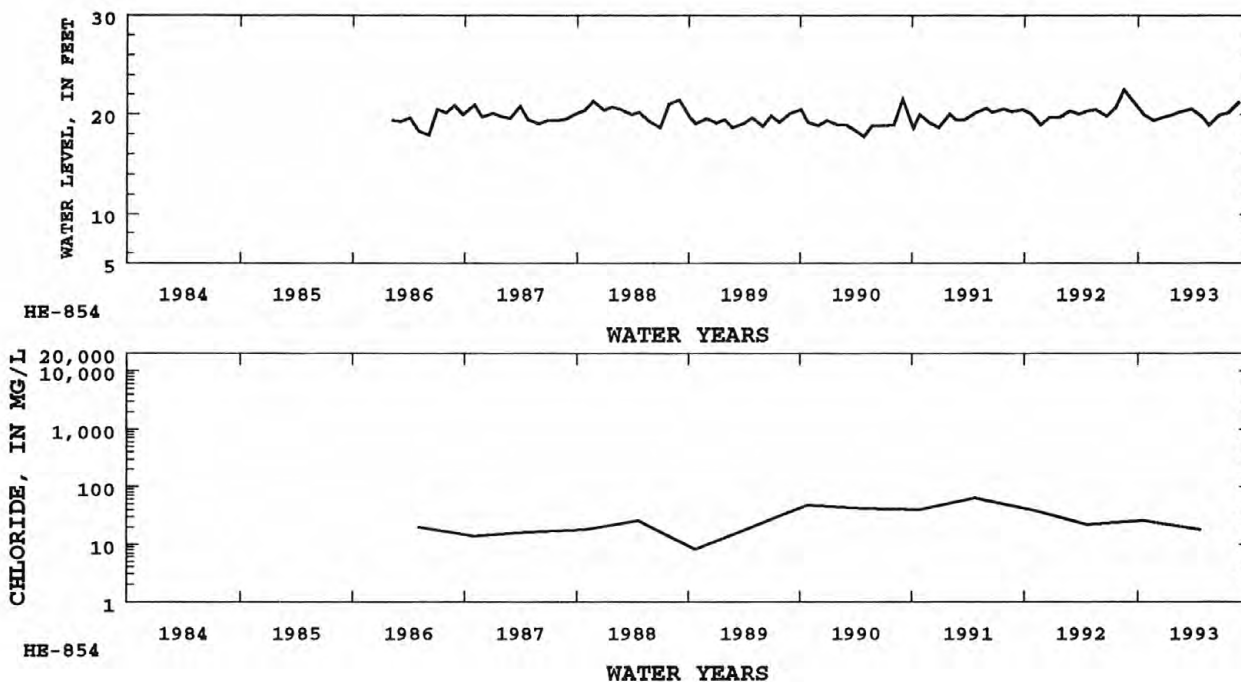
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to September 1979, February 1986 to current year. Records of water levels prior to February 1986 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.46 ft NGVD, Aug. 17, 1992; lowest measured, 17.78 ft NGVD, Apr. 25, 1990.

263515081012001 - HE - 854

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ABOVE	ANCE	ANCE	CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
(US/CM)	(US/CM)	(US/CM)	(MG/L AS CL)	(FEET)	(US/CM)	(US/CM)	(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1205	--	--	20.54	22...	1100	693	18	19.80
19...	1300	648	26	19.93	MAY				
NOV					17...	1030	--	--	18.90
19...	1040	--	--	19.40	JUN				
DEC					22...	0945	--	--	19.92
15...	1025	--	--	19.63	JUL				
JAN					19...	1010	--	--	20.15
19...	1020	--	--	19.97	AUG				
FEB					23...	1020	--	--	21.28
16...	1150	--	--	20.31					
MAR									
23...	1055	--	--	20.51					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263514081170701. Local Number HE 1027.

LOCATION.--Lat 26°35'14", long 81°17'07", in NE1/4NW1/4 sec.12, T.45 S., R.30 E., Hydrologic Unit 03090205, 500 ft south of CR 832, 3.5 mi east of Keri Firetower, 21 mi southeast of La Belle. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 7 ft, cased to 4 ft, 3 ft of screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.50 ft above land-surface datum.

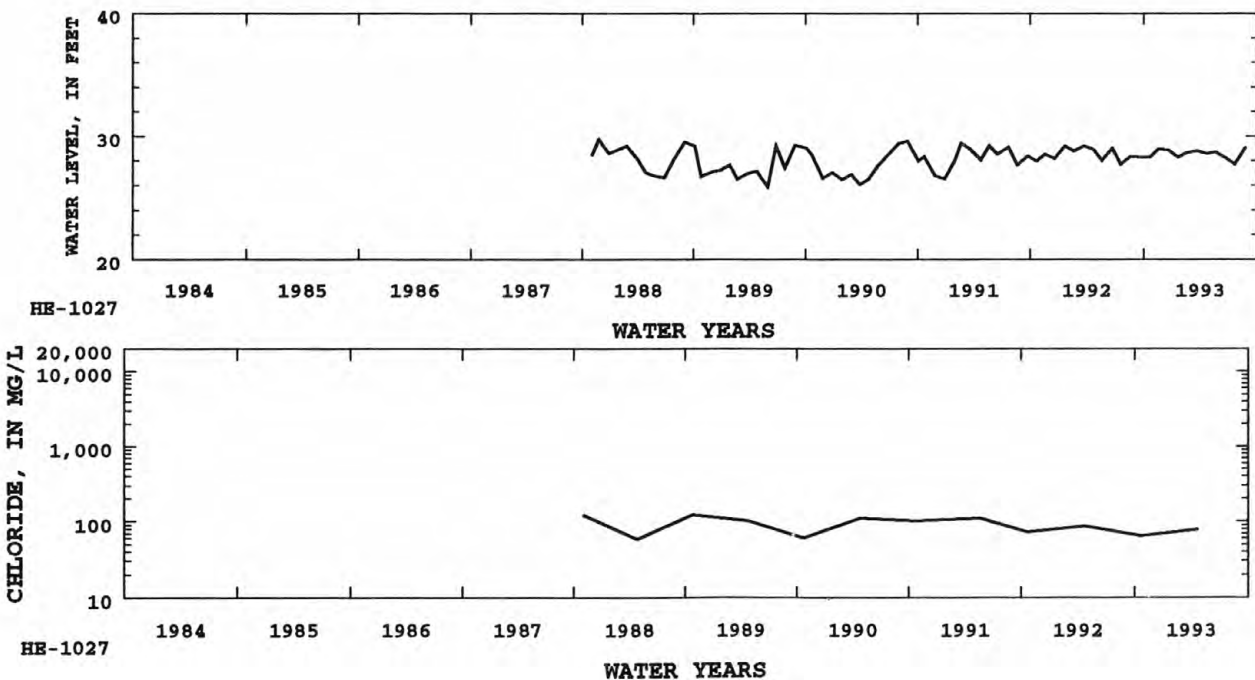
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.71 ft NGVD, Nov. 23, 1987; lowest, 25.85 ft NGVD, May 30, 1989.

263514081170701 - HE -1027

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1430	--	--	28.30	22...	1015	768	78	28.61
21...	1455	700	64	28.31	MAY				
NOV					19...	1140	--	--	28.70
18...	1040	--	--	28.96	JUN				
DEC					22...	1205	--	--	28.22
18...	1020	--	--	28.89	JUL				
JAN					22...	1100	--	--	27.69
19...	1220	--	--	28.29	AUG				
FEB					25...	1210	--	--	29.14
16...	1215	--	--	28.63					
MAR									
22...	1155	--	--	28.82					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
HENDRY COUNTY

399

WELL NUMBER.--263514081170702. Local Number HE 1028.

LOCATION.--Lat 26°35'14", long 81°17'07", in NE1/4NW1/4 sec.12, T.45 S., R.30 E., Hydrologic Unit 03090205, 500 ft south of CR 832, 3.5 mi east of Keri Firetower, 21 mi southeast of La Belle. Owner: South Florida Water Management District.

AQUIFER.--Tamiami formation, shell-marl aquifer of the Miocene Age, Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 60 ft, cased to 20 ft, 40 ft of screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.32 ft above land-surface datum.

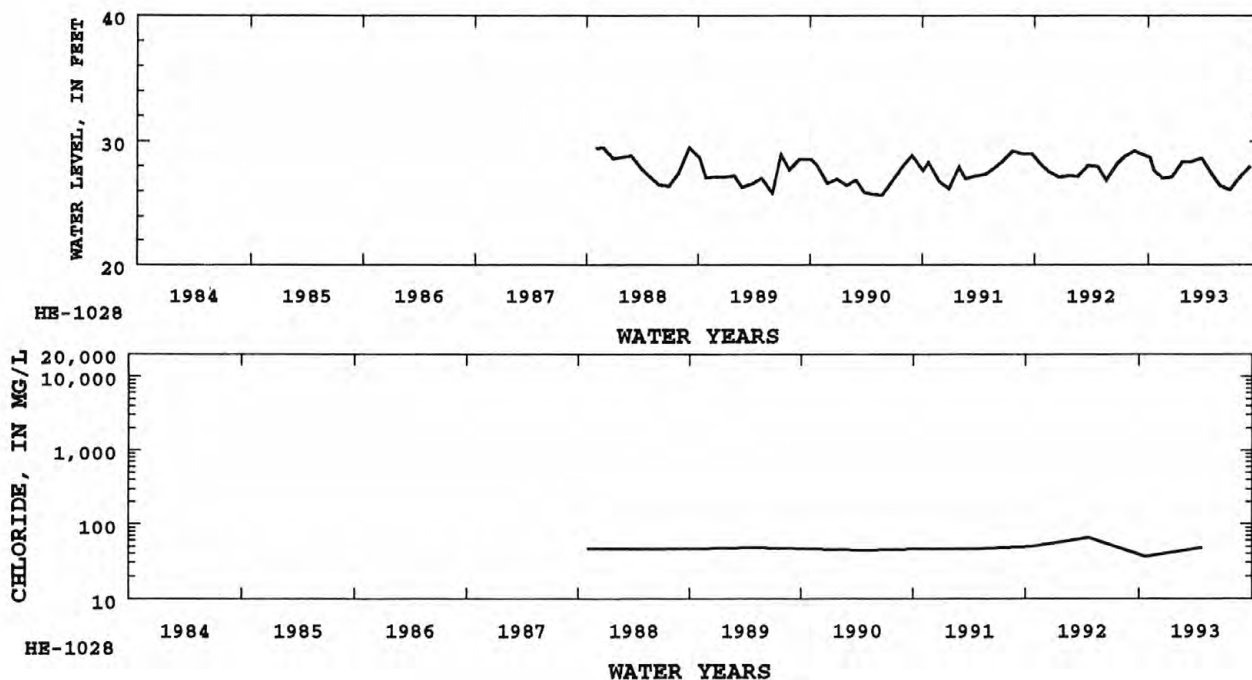
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.48 ft NGVD, Sept. 1, 1988; lowest measured, 25.67 ft NGVD, May 24, 1990.

263514081170702 - HE -1028

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1425	--	--	28.69	22...	1010	765	48	27.51
21...	1500	332	36	27.65	MAY				
NOV					19...	1140	--	--	26.47
18...	1045	--	--	27.02	JUN				
DEC					22...	1205	--	--	26.13
18...	1020	--	--	27.14	JUL				
JAN					23...	1100	--	--	27.08
19...	1220	--	--	28.35	AUG				
FEB					25...	1210	--	--	27.99
16...	1215	--	--	28.35					
MAR									
22...	1150	--	--	28.62					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263514081170703. Local Number HE 1029.

LOCATION.--Lat 26°35'14", long 81°17'07", in NE1/4NW1/4 sec.12, T.45 S., R.30 E., Hydrologic Unit 03090205, 500 ft south of CR 832, 3.5 mi east of Keri Firetower, 21 mi southeast of La Belle. Owner: South Florida Water Management District.

AQUIFER.--Tamiami formation, shell-marl aquifer of the Miocene Age, Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 182 ft, cased to 92 ft, 70 ft of screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. female coupling, 0.40 ft below land-surface datum.

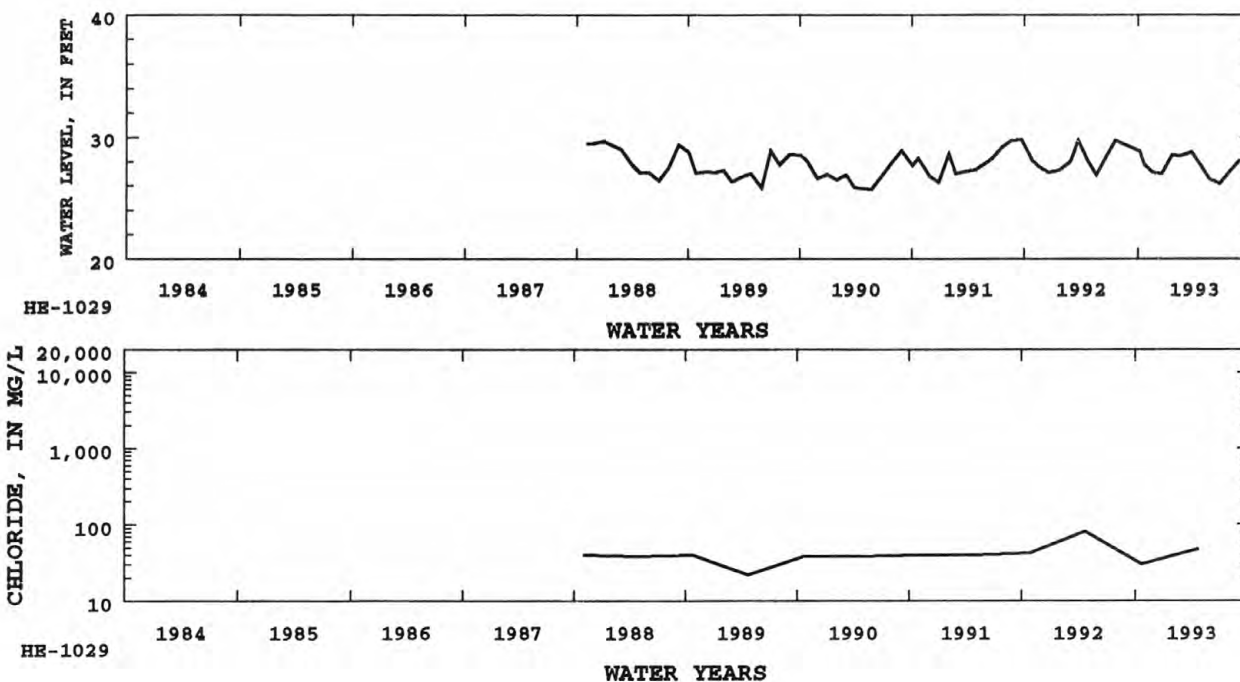
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.77 ft NGVD, Sept. 23, 1991; lowest measured, 25.71 ft NGVD, May 24, 1990.

263514081170703 - HE -1029

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1435	--	--	28.85	22...	1005	438	48	27.60
21...	1500	275	30	27.76	MAY				
NOV					19...	1145	--	--	26.56
18...	1050	--	--	27.11	JUN				
DEC					22...	1210	--	--	26.17
18...	1025	--	--	27.03	JUL				
JAN					23...	1110	--	--	27.14
19...	1220	--	--	28.50	AUG				
FEB					25...	1220	--	--	28.12
16...	1215	--	--	28.43					
MAR									
22...	1155	--	--	28.75					



HENDRY COUNTY

WELL NUMBER.--263548081200601. Local Number HE 852.

LOCATION.--Lat 26°35'48", long 81°20'06", in NW1/4SW1/4 sec.4, T.45 S., R.30 E., Hydrologic Unit 03090205, 50 ft south of County Road 832 at Keri Fire Tower, 6.3 mi east of State Road 29, 18 mi southeast of Labelle. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 14 ft, cased to 9 ft, 5 ft of 0.02 in. screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.99 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft, above land-surface datum.

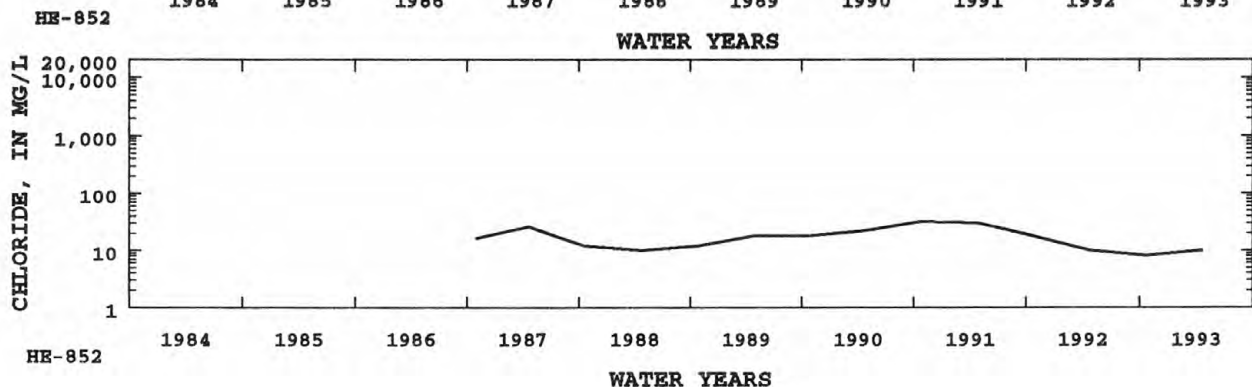
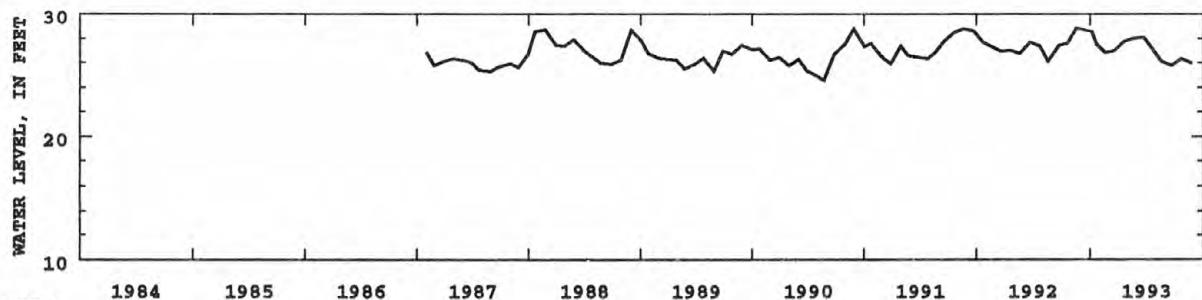
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to October 1979, October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.84 ft NGVD, Oct. 31, 1986; lowest measured, 24.57 ft NGVD, May 24, 1990.

263548081200601 - HE - 852

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1400	--	--	28.56	22...	0950	502	10	27.02
21...	1445	471	8.0	27.51	MAY				
NOV					19...	1130	--	--	26.10
18...	1030	--	--	26.82	JUN				
DEC					22...	1200	--	--	25.76
18...	1010	--	--	26.96	JUL				
JAN					23...	1045	--	--	26.30
19...	1140	--	--	27.70	AUG				
FEB					25...	1200	--	--	25.94
16...	1210	--	--	27.99					
MAR									
22...	1145	--	--	28.07					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS HENDRY COUNTY

WELL NUMBER.--263618081143001. Local Number HE 853.

LOCATION.--Lat 26°36'18", long 81°14'30", in SE1/4SE1/4 sec.32, T.44 S., R.31 E., Hydrologic Unit 03090205, 50 ft north of County Road 832, 7 mi west of County Road 833, 20 mi southwest of Clewiston. Owner: U.S. Geological Survey.

AQUIFER.--Tamiami formation, limestone aquifer of the Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 4 in., depth 61 ft, cased to 17 ft, 44 ft openhole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.37 ft above land-surface datum.

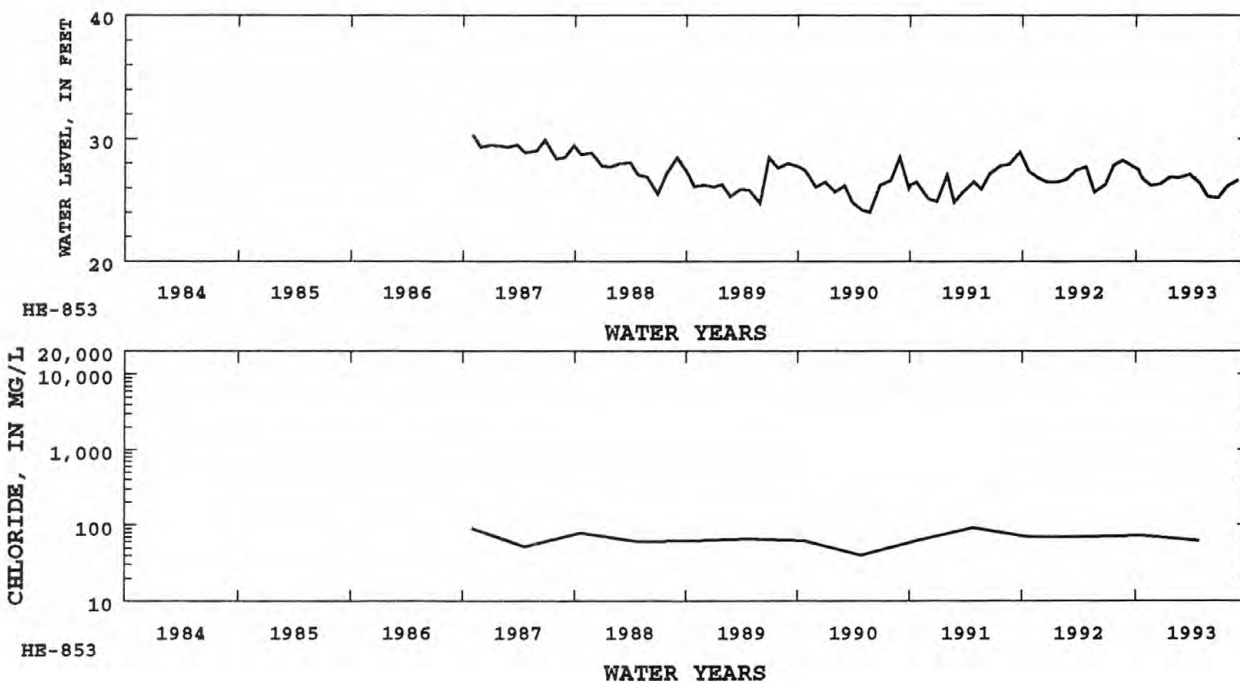
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to October 1979, October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.02 ft NGVD, Oct. 31, 1986; lowest measured, 23.97 ft NGVD, May 24, 1990.

263618081143001 - HE - 853

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE	NGVD			SOLVED	ABOVE	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
AS CL)	AS CL)	AS CL)	AS CL)		AS CL)	AS CL)	AS CL)	AS CL)	
OCT					APR				
07...	1450	--	--	27.52	22...	1030	815	62	26.42
21...	1515	807	72	26.74	MAY				
NOV					19...	1150	--	--	25.26
18...	1055	--	--	26.19	JUN				
DEC					22...	1215	--	--	25.17
18...	1030	--	--	26.33	JUL				
JAN					23...	1055	--	--	26.15
19...	1230	--	--	26.87	AUG				
FEB					25...	1230	--	--	26.60
16...	1225	--	--	26.80					
MAR									
22...	1200	--	--	27.11					



HENDRY COUNTY

WELL NUMBER.--263700080550001. Local Number HE 339.

LOCATION.--Lat 26°37'27", long 80°55'10", in SE1/4SE1/4 sec.27, T.44 S., R.34 E., Hydrologic Unit 03090205, 25 ft west of County Road 832, 8.3 mi south of Clewiston, and 24.4 mi southeast of Ortona Lock. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 12.5 ft, cased to 11 ft, open hole 11 to 12.5 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.18 ft below land-surface datum.

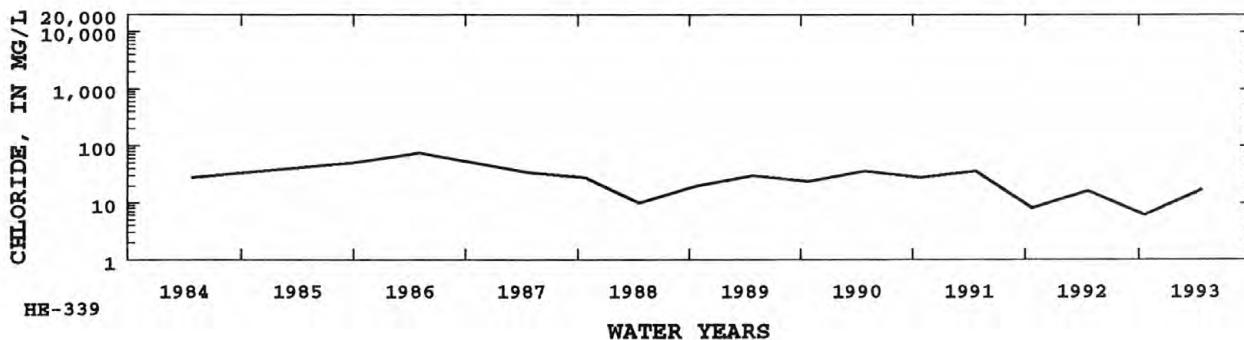
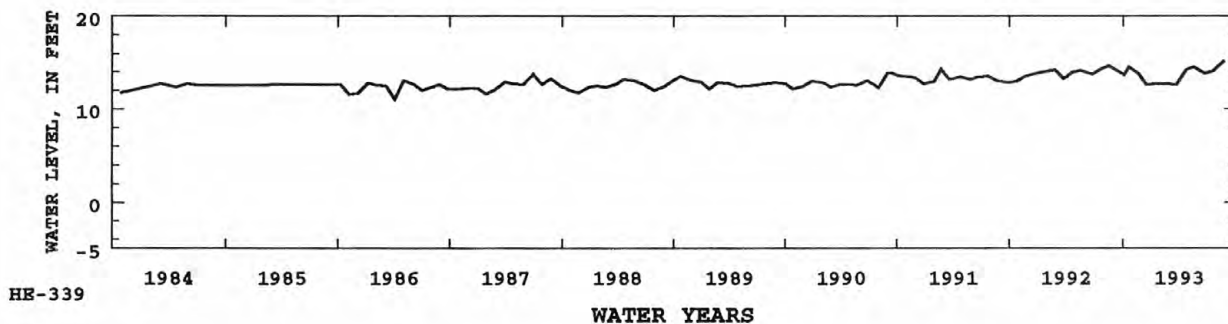
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.52 ft NGVD, Sept. 21, 1964; lowest measured, 10.80 ft NGVD, Aug. 29, 1978.

263700080550001 - HE - 339

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS CL)	(FEET)				AS CL)	(FEET)			
OCT					APR				
06...	1230	--	--	13.71	22...	1140	450	17	14.21
19...	1335	369	6.0	14.51	MAY				
NOV					17...	1100	--	--	14.53
19...	1055	--	--	13.83	JUN				
DEC					22...	1000	--	--	13.83
15...	1030	--	--	12.63	JUL				
JAN					19...	1020	--	--	14.07
19...	1050	--	--	12.69	AUG				
FEB					23...	1035	--	--	15.17
16...	1200	--	--	12.67					
MAR									
23...	1120	--	--	12.64					



HENDRY COUNTY

WELL NUMBER.--263700081070001. Local Number HE 5.

LOCATION.--Lat 26°37'50", long 81°07'40", in NW1/4NW1/4 sec.27, T.44 S., R.32 E., Hydrologic Unit 03090202, on County Road 833, 8.1 mi south of State Road 80, and 20 mi southeast of La Belle. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 13 ft, cased to 8.7 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.59 ft above land-surface datum. Prior to January 1974, land-surface datum was considered to be 27.26 ft above NGVD. From January 1974 to September 1974, land-surface datum was considered to be 25.00 ft above NGVD. From October 1974 to September 1975, land-surface datum was considered to be 28.16 ft above NGVD. See PERIOD OF RECORD.

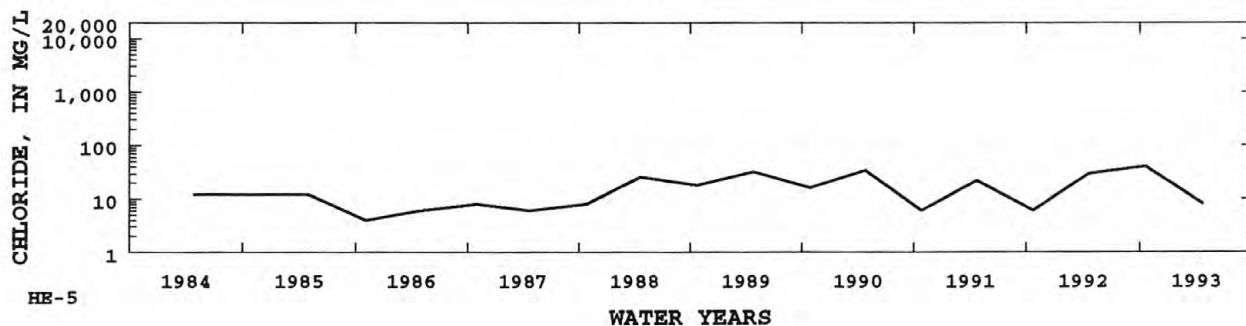
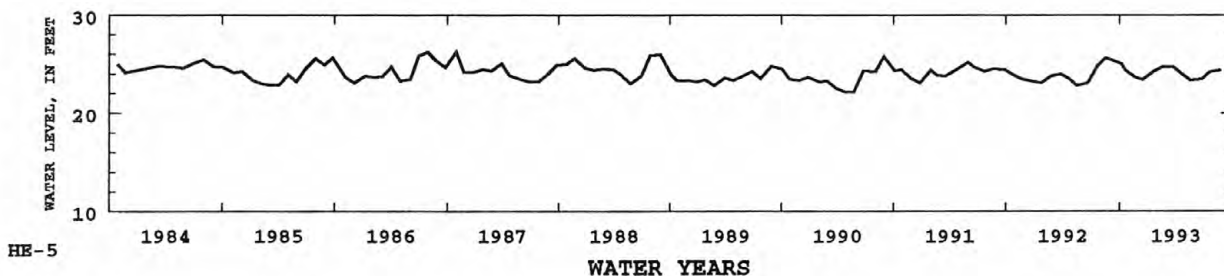
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1941 to October 1967, August 1969 to current year. Records of water levels prior to August 1950 are available in files of the Geological Survey. The figures of water levels as elevation, in feet NGVD, prior to October 1975 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 27.22 ft NGVD, present datum, Oct. 2, 1951; lowest, 20.12 ft NGVD, present datum, May 22, 1974.

263700081070001 - HE - 5

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
CON-	DUCT-	ANCE	SOLVED	ABOVE	CON-	DUCT-	ANCE	SOLVED	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
		AS CL)	(FEET)				AS CL)	(FEET)	
OCT					APR				
06...	1115	--	--	25.06	22...	1040	293	8.0	23.95
19...	1220	388	40	24.39	MAY				
NOV					17...	1015	--	--	23.35
19...	1025	--	--	23.63	JUN				
DEC					22...	0930	--	--	23.45
15...	1015	--	--	23.40	JUL				
JAN					19...	0955	--	--	24.21
19...	1010	--	--	24.26	AUG				
FEB					23...	1005	--	--	24.36
16...	1140	--	--	24.71					
MAR									
23...	1030	--	--	24.71					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

405

WELL NUMBER.--263839081203901. Local Number HE 1077.

LOCATION.--Lat 26°38'39", long 81°20'39", in NW1/4NE1/4 sec.20, T.44 S., R.30 E., Hydrologic Unit 03090205, 600 ft south of Sears Road, 2 mi east of Sears, 5.7 mi east of SR 29, 9 mi southeast of La Belle. Owner: Alico.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 10 ft, cased to 5 ft, 5 ft of screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.52 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.74 ft above land-surface datum.

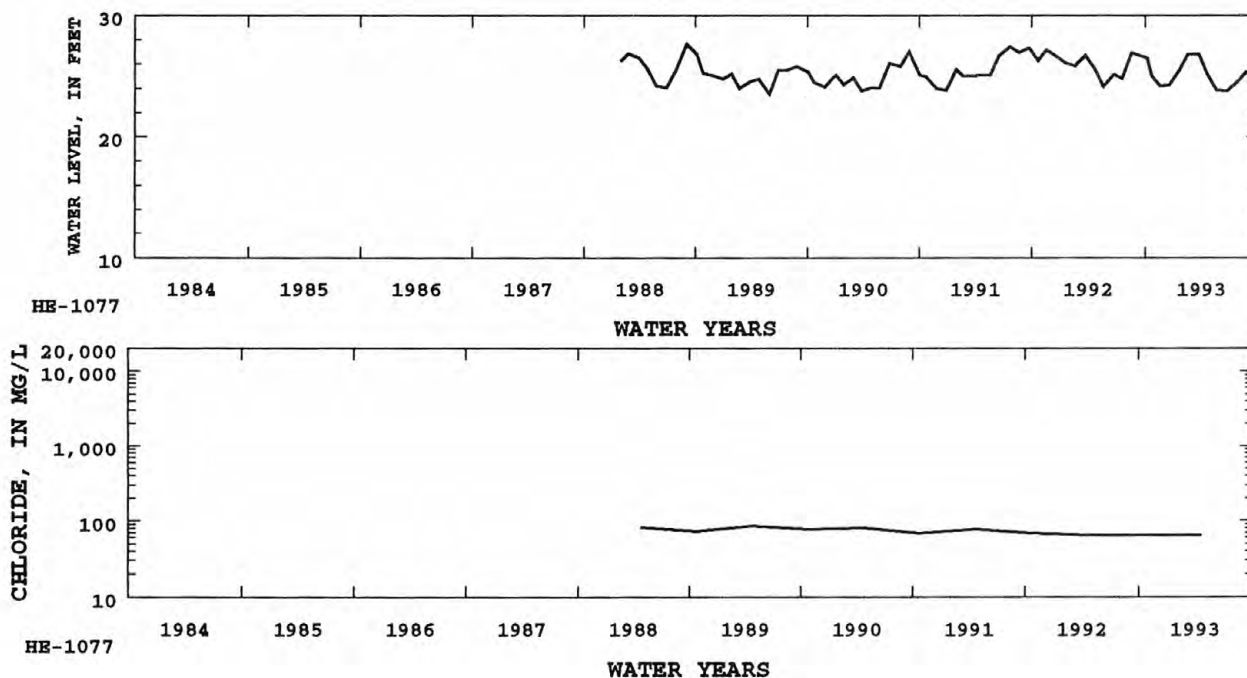
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.62 ft NGVD, Sept. 1, 1988; lowest measured, 23.50 ft NGVD, May 30, 1989.

263839081203901 - HE -1077

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-	ATION			CON-	DIS-	ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
07...	1330	--	--	26.46	20...	1425	990	64	25.21
22...	1325	971	64	24.99	MAY				
NOV					19...	1105	--	--	23.82
18...	1150	--	--	24.17	JUN				
DEC					22...	1140	--	--	23.78
18...	1000	--	--	24.23	JUL				
JAN					23...	0950	--	--	24.43
19...	1120	--	--	25.48	AUG				
FEB					25...	1140	--	--	25.39
16...	1150	--	--	26.80					
MAR									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263840081203901. Local Number HE 1076.

LOCATION.--Lat 26°38'40", long 81°20'39", in NW1/4NE1/4 sec.20, T.44 S., R.30 E., Hydrologic Unit 03090205, 500 ft south of Sears Road, 2 mi east of Sears, 5.7 mi east of SR 29, 9 mi southeast of La Belle. Owner: Alico.

AQUIFER.--Tamiami formation, shell-marl aquifer of the Miocene Age, Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 6 in., depth 340 ft, cased to 300 ft, 40 ft of screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.52 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.59 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

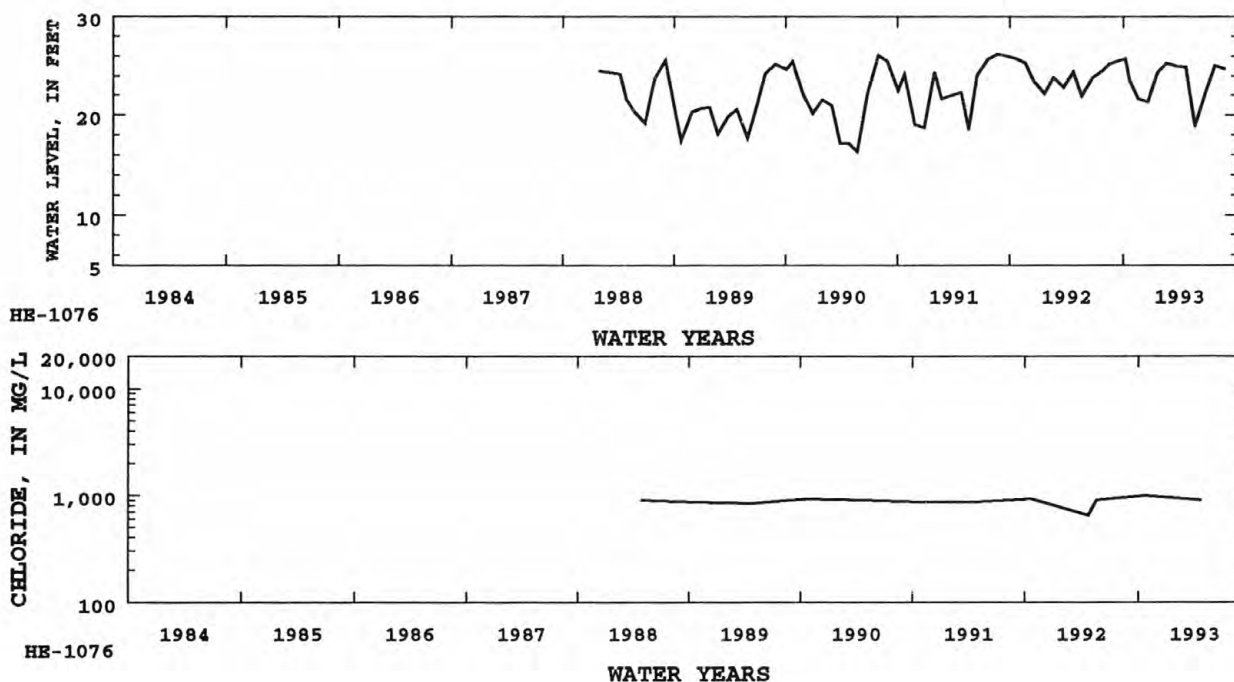
PERIOD OF RECORD.--January 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.20 ft NGVD, Aug. 21, 1991; lowest measured, 16.34 ft NGVD, May 23, 1990.

263840081203901 - HE -1076

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1335	--	--	25.71	20...	1420	4210	900	24.87
22...	1330	4020	980	23.43	MAY				
NOV					19...	1105	--	--	18.87
18...	1150	--	--	21.66	JUN				
DEC					22...	1140	--	--	22.37
18...	1000	--	--	21.32	JUL				
JAN					23...	0940	--	--	24.98
19...	1115	--	--	24.27	AUG				
FEB					25...	1135	--	--	24.68
16...	1145	--	--	25.28					
MAR									
22...	1120	--	--	24.94					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

407

WELL NUMBER.--263845081260701. Local Number HE 555.

LOCATION.--Lat 26°38'45", long 81°26'07", in NW1/4NW1/4 sec.21, T.44 S., R.29 E., Hydrologic Unit 03090205, at southeast corner of intersection of State Road 29 and Sears Road and 3.6 mi west of Sears. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 270 ft, cased to 250 ft, screened 250 to 270 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft, above land-surface datum.

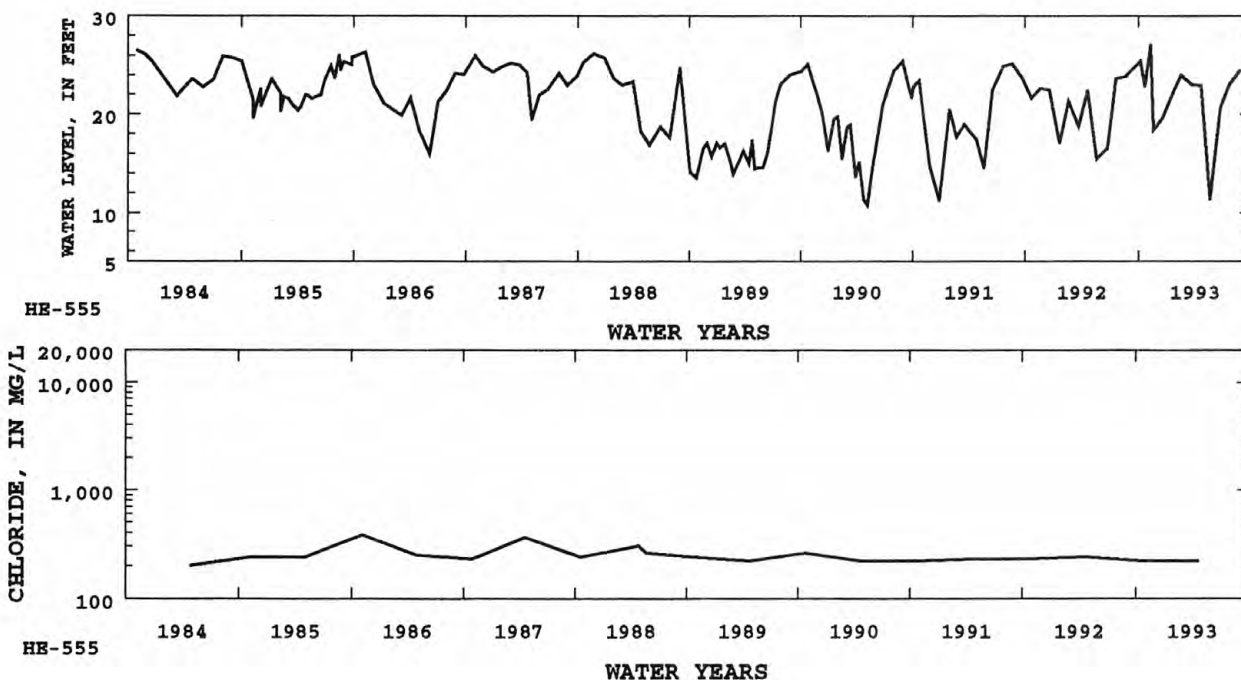
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1975 to October 1983 (daily), November 1983 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.10 ft NGVD, Nov. 9, 1992; lowest daily maximum water level, 8.58 ft NGVD, May 27, 1981.

263845081260701 - HE - 555

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
		(US/CM)	(MG/L AS CL)	NGVD (FEET)			(US/CM)	(MG/L AS CL)	NGVD (FEET)
OCT					MAR				
07...	1310	--	--	25.36	22...	1110	--	--	23.01
21...	1405	1350	220	22.79	APR				
NOV					20...	1400	1370	220	22.93
09...	0920	--	--	27.10	MAY				
18...	1120	--	--	18.42	19...	1020	--	--	11.36
DEC					JUN				
18...	0940	--	--	19.54	22...	1125	--	--	20.66
JAN					JUL				
19...	1100	--	--	22.11	23...	1030	--	--	23.07
FEB					AUG				
16...	1125	--	--	23.95	25...	1115	--	--	24.51



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263845081260702. Local Number HE 556.

LOCATION.--Lat 26°38'45", long 81°26'07", in NW1/4NW1/4 sec.21, T.44 S., R.29 E., Hydrologic Unit 03090205, at southeast corner of intersection of State Road 29 and Sears Road, and 3.6 mi west of Sears. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 155 ft, cased to 135 ft, screened 135 to 155 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 30.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.44 ft above land-surface datum. Prior to October 1, 1979 land-surface datum was considered to be 33.09 ft above NGVD, between October 1, 1979 and September 30, 1984 land-surface datum was considered to be 28.44 ft above NGVD, and between October 1, 1984 and September 30, 1986 land-surface datum was considered to be 28.32 ft above NGVD. See PERIOD OF RECORD.

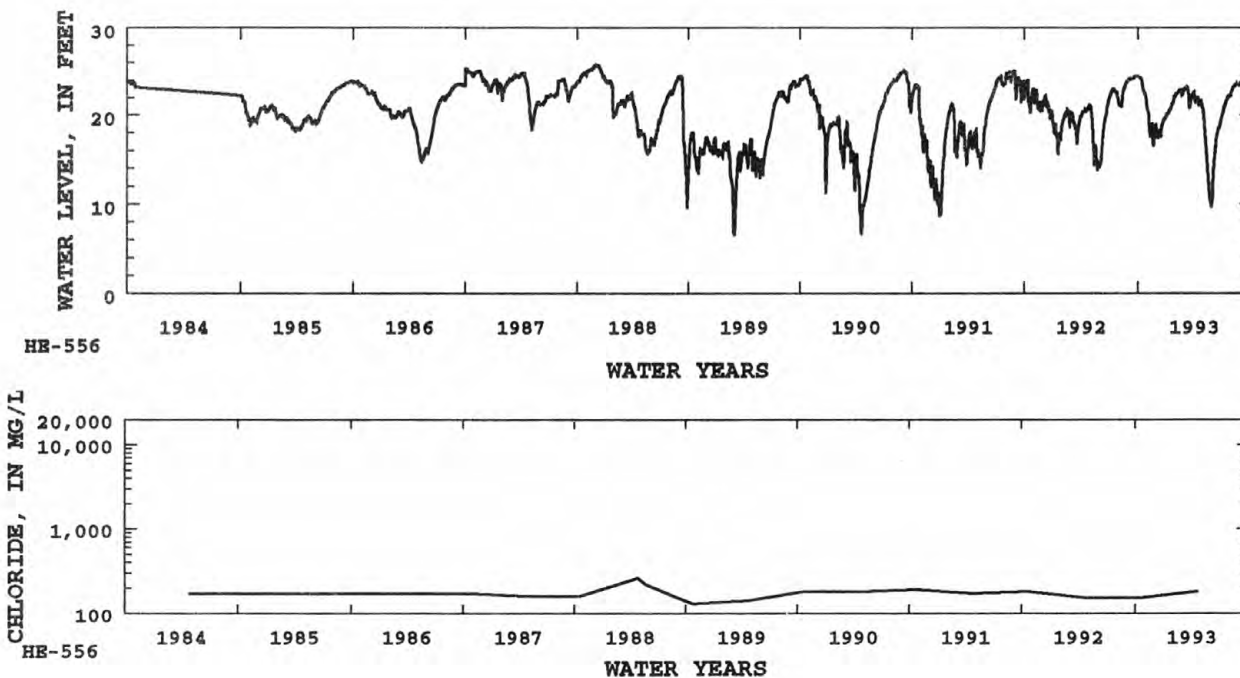
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to current year. The figures of water levels as elevation, in ft NGVD, prior to October 1, 1987 are in error. Corrected records are available in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 25.93 ft NGVD, Sept. 26-27, 1982; lowest, 6.54 ft NGVD, Mar. 1, 1989.

STATION NUMBER 263845081260702 HE - 556
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	20.17	17.64	20.18	22.48	23.10	21.57	---	15.53	20.88	23.20	24.15
10	24.19	17.49	18.29	20.53	22.67	22.89	21.90	---	17.20	21.37	23.40	---
15	23.48	18.97	18.12	20.86	22.83	21.09	21.08	---	18.26	21.87	23.53	---
20	22.68	16.50	19.17	21.27	22.30	21.56	21.67	10.97	18.63	22.17	23.56	---
25	22.23	18.07	19.46	21.89	22.68	22.18	21.07	9.64	19.29	22.19	23.52	---
BOM	20.83	18.03	19.90	22.29	22.95	22.51	20.23	13.10	20.09	22.82	23.87	---
MEAN	---	---	18.59	21.04	22.66	22.34	21.39	---	17.76	21.73	23.45	---
MAX	---	---	19.90	22.29	22.95	23.16	22.10	---	20.09	22.82	23.87	---
MIN	---	---	17.33	19.97	22.30	20.80	20.23	---	13.76	20.23	23.01	---



HENDRY COUNTY

WELL NUMBER.--263845081260703. Local Number HE 851.

LOCATION.--Lat 26°38'45", long 81°26'07", in NW1/4NW1/4 sec.21, T.44 S., R.29 E., Hydrologic Unit 03090205, southeast corner of intersection of State Road 29 and Sears Road, and 3.6 mi west of Sears. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 13 ft, cased to 5 ft, screened to 5 to 13 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.33 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.93 ft, above land-surface datum.

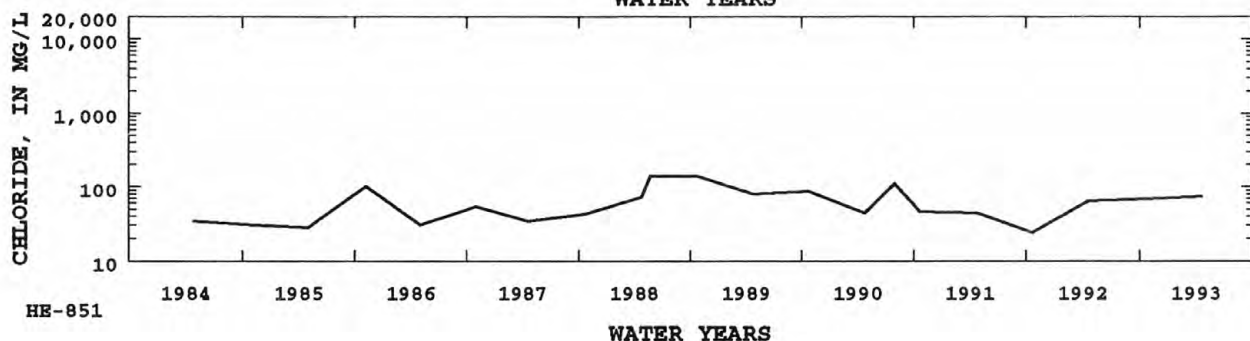
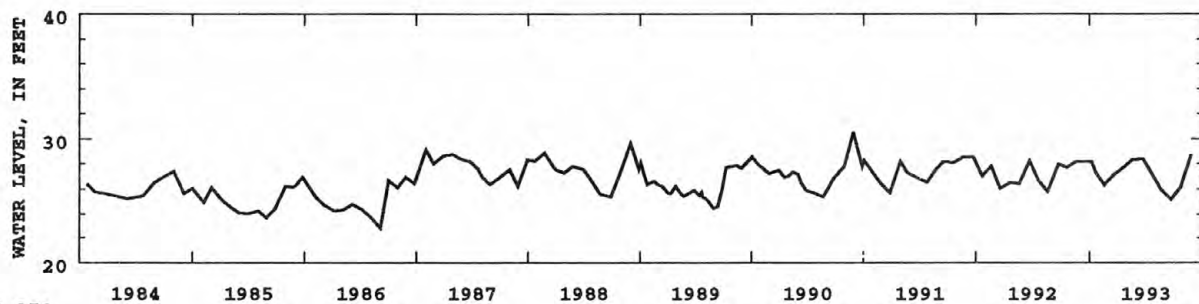
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1977 to current year. Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.49 ft NGVD, Aug. 29, 1990; lowest measured, 22.59 ft NGVD, May 26, 1981.

263845081260703 - HE - 851

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1305	--	--	28.19	20...	1350	787	74	27.21
21...	1420	729	68	27.28	MAY				
NOV					19...	1020	--	--	25.97
18...	1120	--	--	26.32	JUN				
DEC					22...	1125	--	--	25.15
18...	0900	--	--	27.07	JUL				
JAN					23...	1035	--	--	26.15
19...	1100	--	--	27.72	AUG				
FEB					25...	1115	--	--	28.68
16...	1125	--	--	28.34					
MAR									
22...	1100	--	--	28.36					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263930081301501. Local Number HE 559.

LOCATION.--Lat 26°39'30", long 81°30'15", in SE1/4SE1/4 sec.10, T.44 S., R.28 E., Hydrologic Unit 03090205, 3.8 mi east of Lee/Hendry County Line at Congen Properties, and 8.2 mi southwest of La Belle. Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation artesian well, diameter 4 in., depth 165 ft, cased to 155 ft, screened 155 to 165 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.90 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

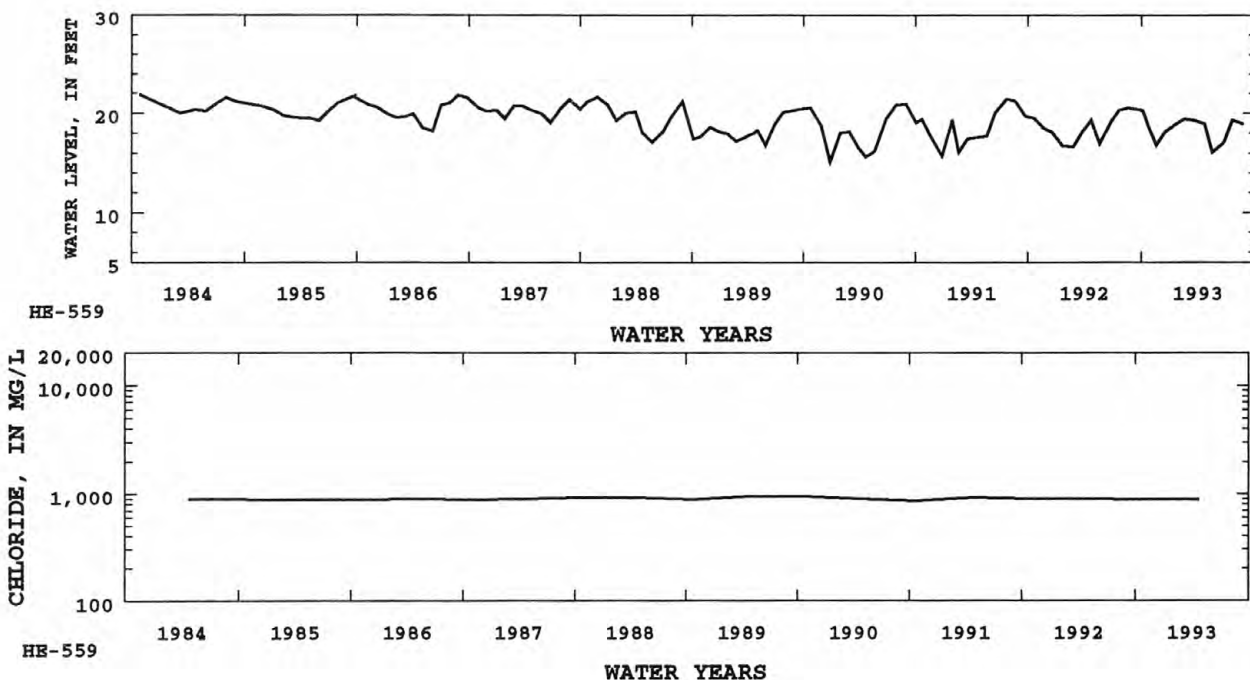
PERIOD OF RECORD.--October 1975 to November 1979, December 1980 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.54 ft NGVD, Nov. 28, 1979; lowest measured, 15.09 ft NGVD, Dec. 27, 1989.

263930081301501 - HE - 559

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	1040	--	--	20.31	22...	0905	3670	880	18.90
22...	1020	3630	880	18.77	MAY				
NOV					17...	0940	--	--	16.08
17...	0920	--	--	16.78	JUN				
DEC					23...	0950	--	--	17.01
18...	1030	--	--	18.14	JUL				
JAN					21...	0940	--	--	19.30
21...	0910	--	--	18.90	AUG				
FEB					24...	1125	--	--	18.91
18...	0900	--	--	19.45					
MAR									
24...	0840	--	--	19.28					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

411

WELL NUMBER.--263930081301502. Local Number HE 560.

LOCATION.--Lat 26°39'30", long 81°30'15", in SE1/4SE1/4 sec.10, T.44 S., R.28 E., Hydrologic Unit 03090205, 3.8 mi east of Lee/Hendry County Line at Congen Properties, and 8.2 mi southwest of La Belle. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 80 ft, cased to 70 ft, screened 70 to 80 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.87 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

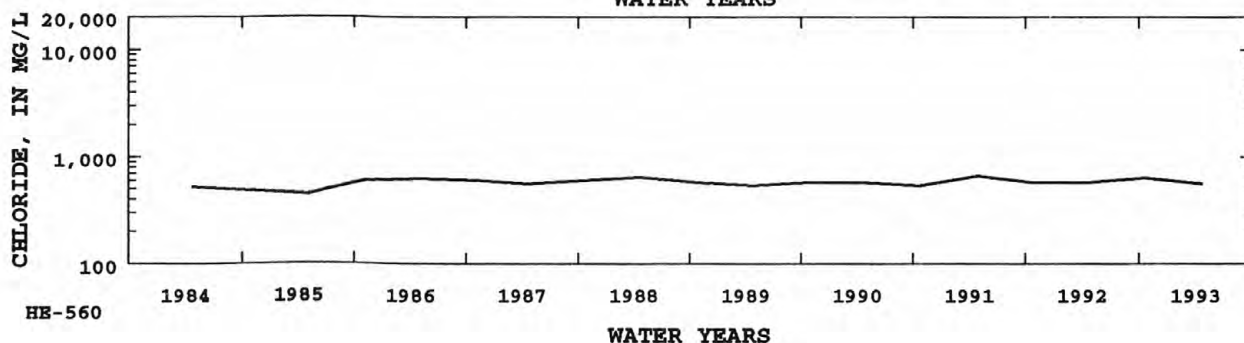
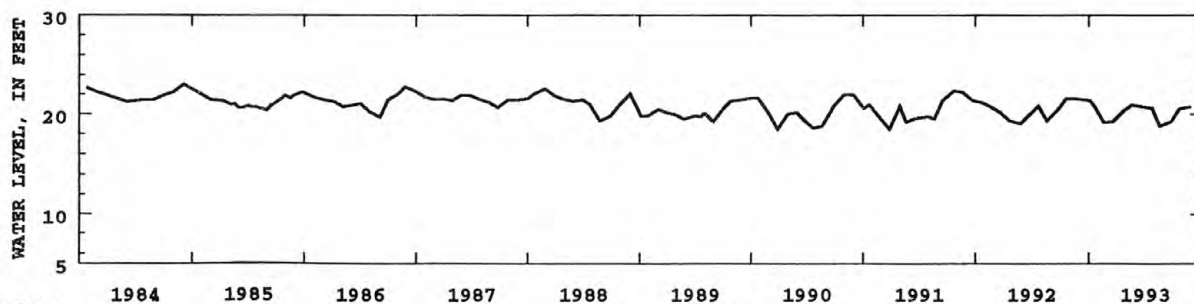
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to November 1979, December 1980 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.71 ft NGVD, Sept. 26, 1979; lowest measured, 18.47 ft NGVD, Dec. 27, 1989, and Dec. 27, 1990.

263930081301502 - HE - 560

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	(MG/L	NGVD			SOLVED	(MG/L	NGVD
(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)		
OCT					APR				
05...	1035	--	--	21.40	22...	0910	2770	560	20.61
22...	1020	2680	630	20.68	MAY				
NOV					17...	0950	--	--	18.79
17...	0925	--	--	19.17	JUN				
DEC					23...	0955	--	--	19.27
18...	1030	--	--	19.24	JUL				
JAN					21...	0940	--	--	20.53
21...	0910	--	--	20.33	AUG				
FEB					24...	1125	--	--	20.75
18...	0900	--	--	20.92					
MAR									
24...	0840	--	--	20.73					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263930081301503. Local Number HE 569.

LOCATION.--Lat 26°39'30", long 81°30'15", in SE1/4SE1/4 sec.10, T.44 S., R.28 E., Hydrologic Unit 03090205, 3.9 mi east of Lee/Hendry County Line at Congen Properties, and 8.2 mi southwest of La Belle. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 17 ft, cased to 11 ft, open hole to 11 to 17 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.89 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.80 ft above land-surface datum.

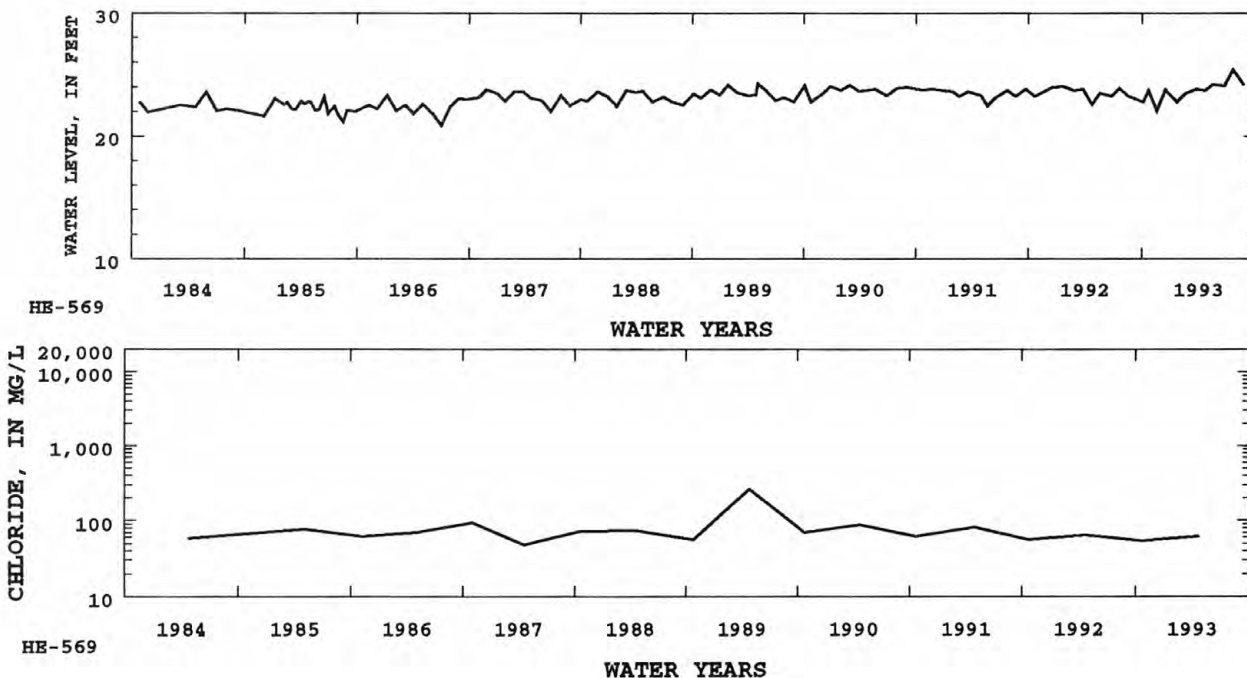
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to November 1979, December 1980 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.38 ft NGVD, July 21, 1993; lowest measured, 20.07 ft NGVD, Mar. 30, 1983.

263930081301503 - HE - 569

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1035	--	--	22.78	22...	0915	673	62	23.75
22...	1020	641	54	23.70	MAY				
NOV					17...	0950	--	--	24.20
17...	1030	--	--	22.07	JUN				
DEC					23...	1000	--	--	24.11
15...	1050	--	--	23.81	JUL				
JAN					21...	0940	--	--	25.38
21...	0915	--	--	22.77	AUG				
FEB					24...	1130	--	--	24.17
18...	0900	--	--	23.49					
MAR									
24...	0845	--	--	23.85					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

413

WELL NUMBER.--264046081022801. Local Number HE 1068.

LOCATION.--Lat 26°40'46", long 81°02'28", in NE1/4NW1/4 sec.9, T.44 S., R.33 E., Hydrologic Unit 03090202, 500 ft south and 0.2 mi east of end of road, 1.3 mi east of Flag Hole Road, 5 mi south of U.S. 27. Owner: South Florida Water Management District.

AQUIFER.--Tamiame formation, shell-marl aquifer of the Miocene Age, Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 6 in., depth 160 ft, cased to 60 ft, 100 ft of screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.35 ft above land-surface datum.

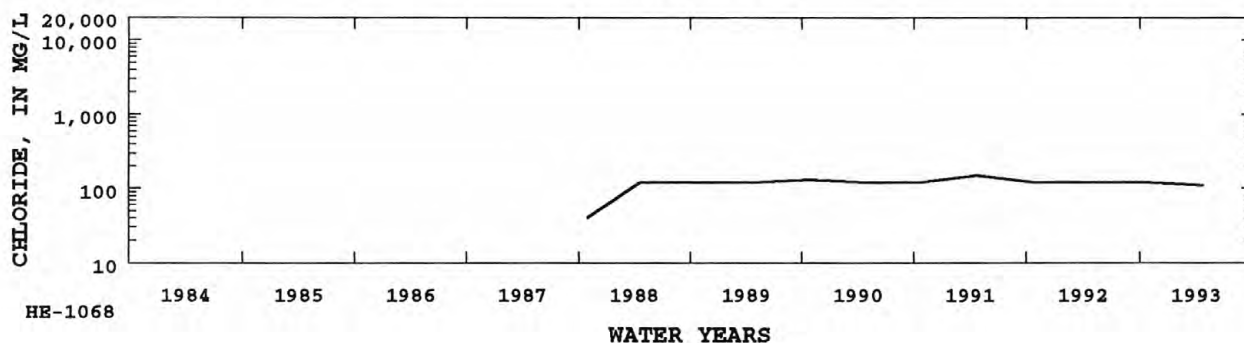
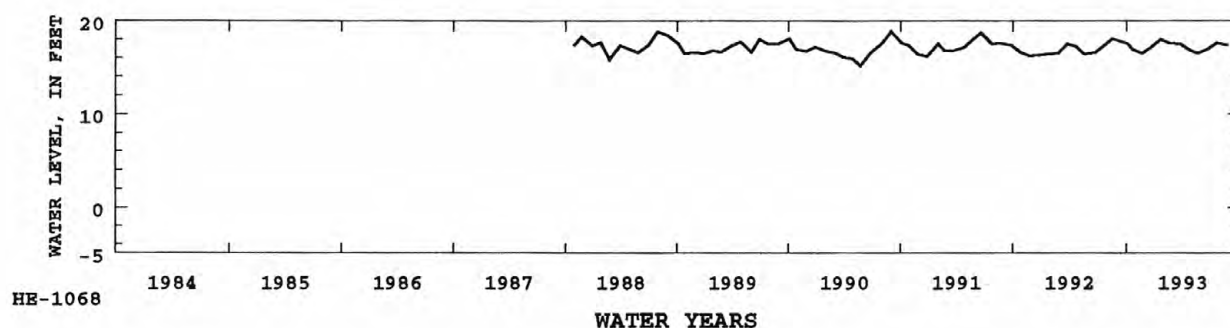
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.86 ft NGVD, Aug. 30, 1990; lowest measured, 15.14 ft NGVD, May 24, 1990.

264046081022801 - HE -1068

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	AS CL)	(FEET)	NGVD	(US/CM)	(MG/L	AS CL)	(FEET)	NGVD
OCT					APR				
06...	1045	--	--	17.53	22...	1010	1110	110	16.84
19...	1120	1070	120	16.85	MAY				
NOV					17...	0955	--	--	16.43
19...	1000	--	--	16.46	JUN				
DEC					22...	0915	--	--	16.99
15...	1000	--	--	17.01	JUL				
JAN					19...	0940	--	--	17.55
19...	1000	--	--	17.97	AUG				
FEB					23...	0950	--	--	17.40
16...	1120	--	--	17.57					
MAR									
23...	1010	--	--	17.50					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--264046081022802. Local Number HE 1069.

LOCATION.--Lat 26°40'46", long 81°02'28", in NE1/4NW1/4 sec.9, T.44 S., R.33 E., Hydrologic Unit 03090202, 500 ft south and 0.2 mi east of end of road, 1.3 mi east of Flag Hole Road, 5 mi south of U.S. 27. Owner: South Florida Water Management District.

AQUIFER.--Surficial aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 13 ft, cased to 3 ft, 10 ft of 2 in. screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.24 ft above land-surface datum.

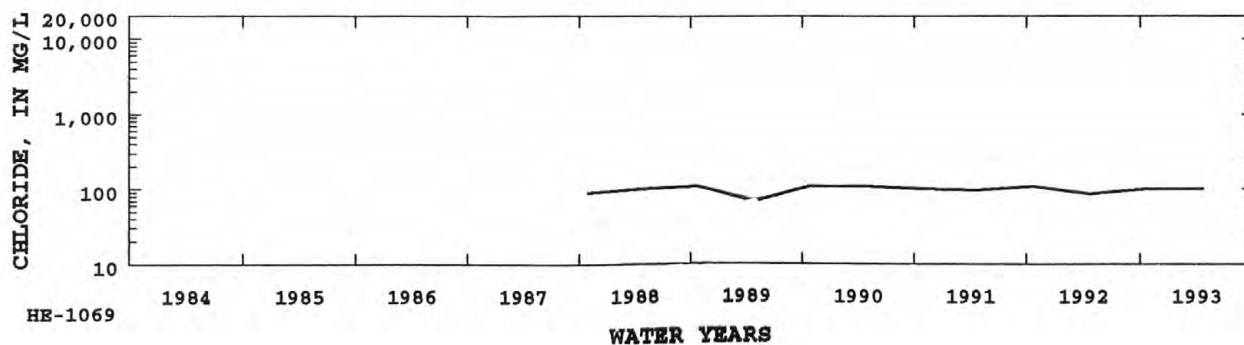
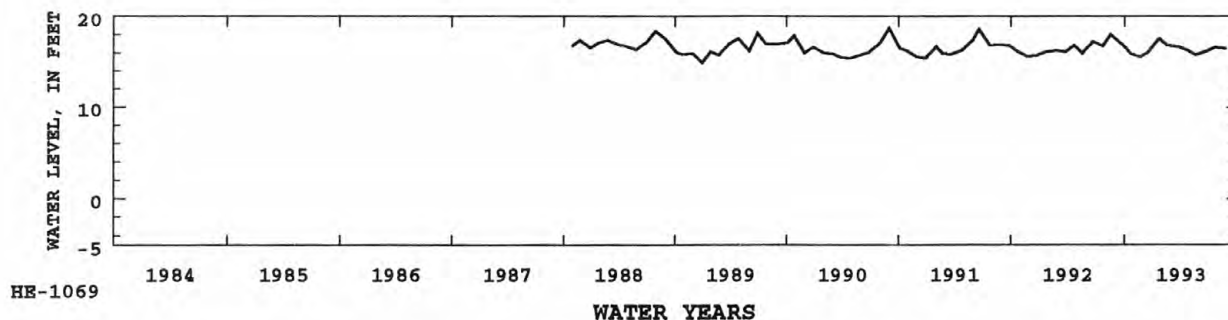
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.70 ft NGVD, Aug. 30, 1990; lowest measured, 14.95 ft NGVD, Dec. 28, 1988.

264046081022802 - HE -1069

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1050	--	--	16.53	22...	1015	1050	100	16.22
19...	1120	993	100	15.90	MAY				
NOV					17...	1000	--	--	15.78
19...	1005	--	--	15.57	JUN				
DEC					22...	0915	--	--	16.18
15...	1000	--	--	16.01	JUL				
JAN					19...	0940	--	--	16.62
19...	0950	--	--	17.58	AUG				
FEB					23...	0950	--	--	16.48
16...	1120	--	--	16.78					
MAR									
23...	1005	--	--	16.68					



EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.62 ft NGVD, Oct. 1, 1984; lowest measured, 16.28 ft NGVD, Apr. 25, 1990.

WATER YEARS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--264235081074401. Local Number HE 858.

LOCATION.--Lat 26°42'35", long 81°07'44", in SW1/4SW1/4 sec.27, T.43 S., R.32 E., Hydrologic Unit 03090205, 50 ft and east of County Road 830, 2.9 mi on County Road 833 south of State Road 80, 11 mi southwest of Clewiston.

Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 17 ft, cased to 12 ft, 5 ft of 0.02 in. screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.57 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.30 ft above land-surface datum.

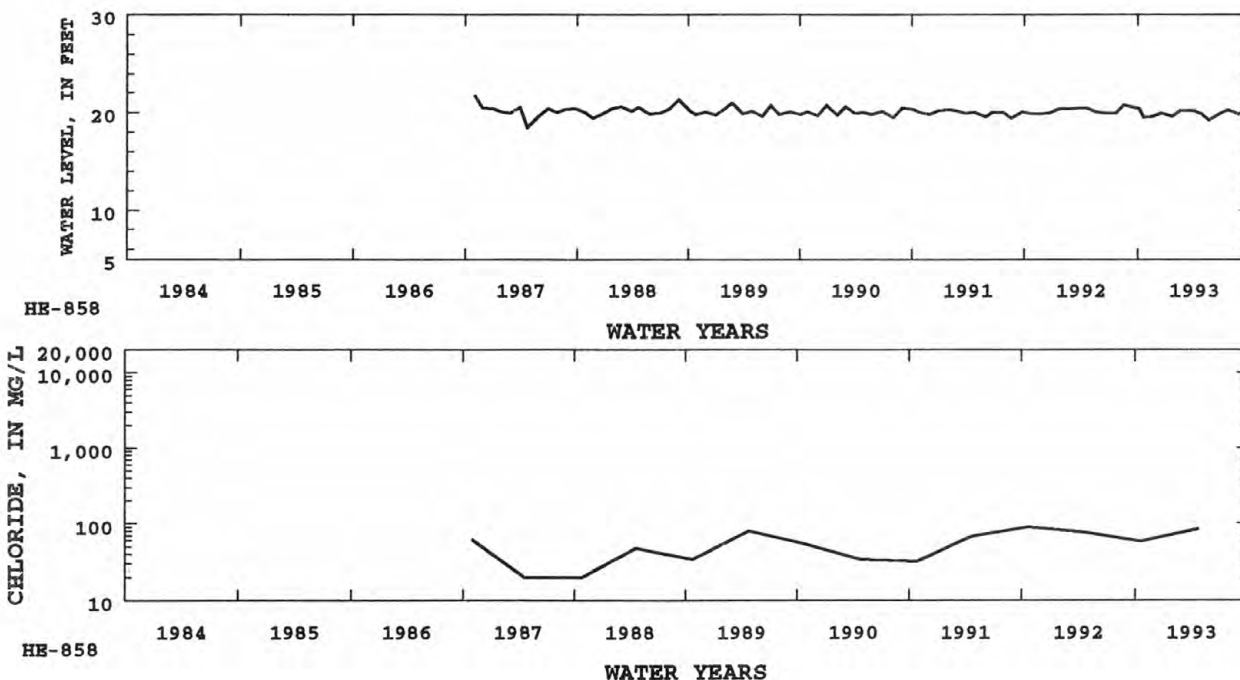
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1977 to September 1979, October 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.74 ft NGVD, Oct. 31, 1986; lowest measured, 17.95 ft NGVD, Apr. 22, 1987.

264235081074401 - HE - 858

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	(MG/L	NGVD			SOLVED	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
06...	1005	--	--	20.41	22...	0950	655	84	19.89
19...	1000	521	58	19.52	MAY				
NOV					17...	0920	--	--	19.25
19...	0940	--	--	19.63	JUN				
DEC					22...	0850	--	--	19.90
15...	0945	--	--	19.93	JUL				
JAN					19...	0910	--	--	20.26
19...	0925	--	--	19.64	AUG				
FEB					23...	0930	--	--	19.83
16...	1045	--	--	20.18					
MAR									
27...	0945	--	--	20.24					



HENDRY COUNTY

WELL NUMBER.--264235081310601. Local Number HE 557.

LOCATION.--Lat 26°42'35", long 81°31'06", in SE1/4NE1/4 sec.28, T.43 S., R.28 E., Hydrologic Unit 03090205, on west side of Fort Denaud Road, 0.1 mi north of State Road 80, and 6.1 mi southwest of La Belle. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 100 ft, cased to 80 ft, screened 80 to 100 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 17.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

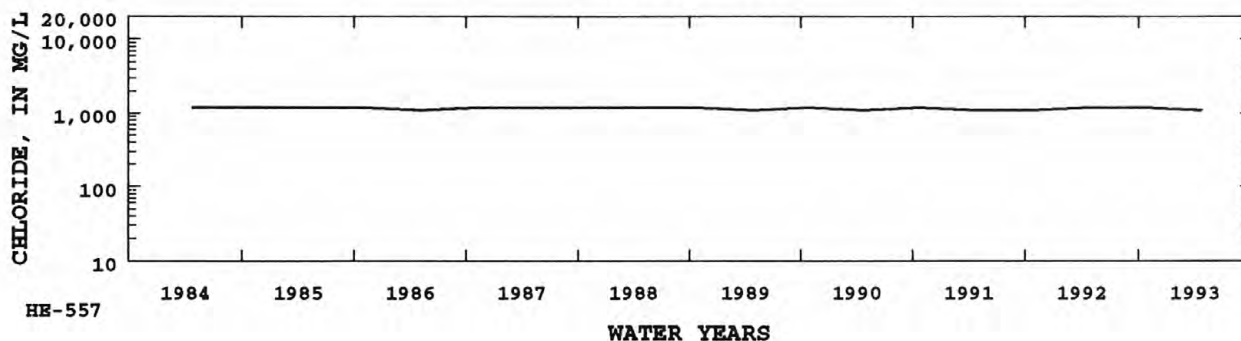
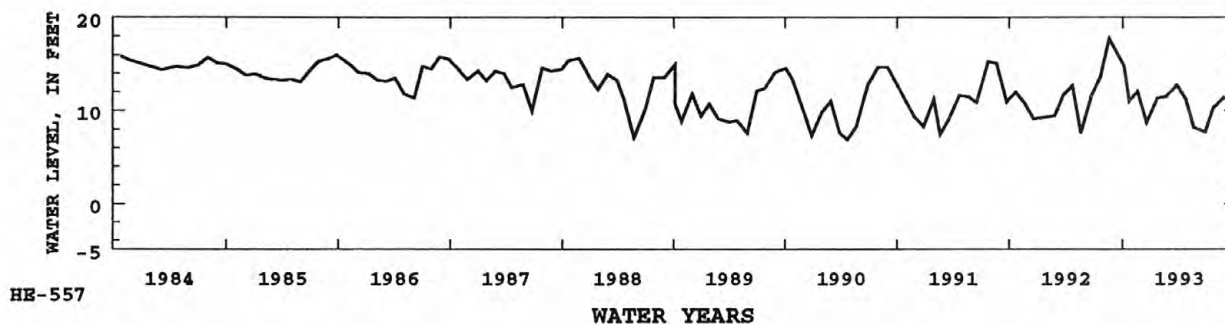
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.71 ft NGVD, Aug. 18, 1992; lowest measured, 6.86 ft NGVD, Apr. 23, 1990.

264235081310601 - HE - 557

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					APR				
05...	0945	--	--	14.81	22...	0835	4380	1100	11.15
22...	0940	4420	1200	10.94	MAY				
NOV					17...	0930	--	--	8.19
17...	0900	--	--	12.01	JUN				
DEC					23...	0940	--	--	7.67
18...	1020	--	--	8.68	JUL				
JAN					21...	0925	--	--	10.29
21...	0850	--	--	11.30	AUG				
FEB					24...	1105	--	--	11.38
18...	0835	--	--	11.41					
MAR									
24...	0825	--	--	12.68					



HENDRY COUNTY

WELL NUMBER.--264235081310602. Local Number HE 558.

LOCATION.--Lat 26°42'35", long 81°31'06", in SE1/4NE1/4 sec.28, T.43 S., R.28 E., Hydrologic Unit 03090205, 0.2 mi north of intersection State Road 80 and State Road 78A, and 6.2 mi southwest of La Belle. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 13.0 ft, cased to 3.0 ft, screened 3 to 13 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 17.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.57 ft above land-surface datum.

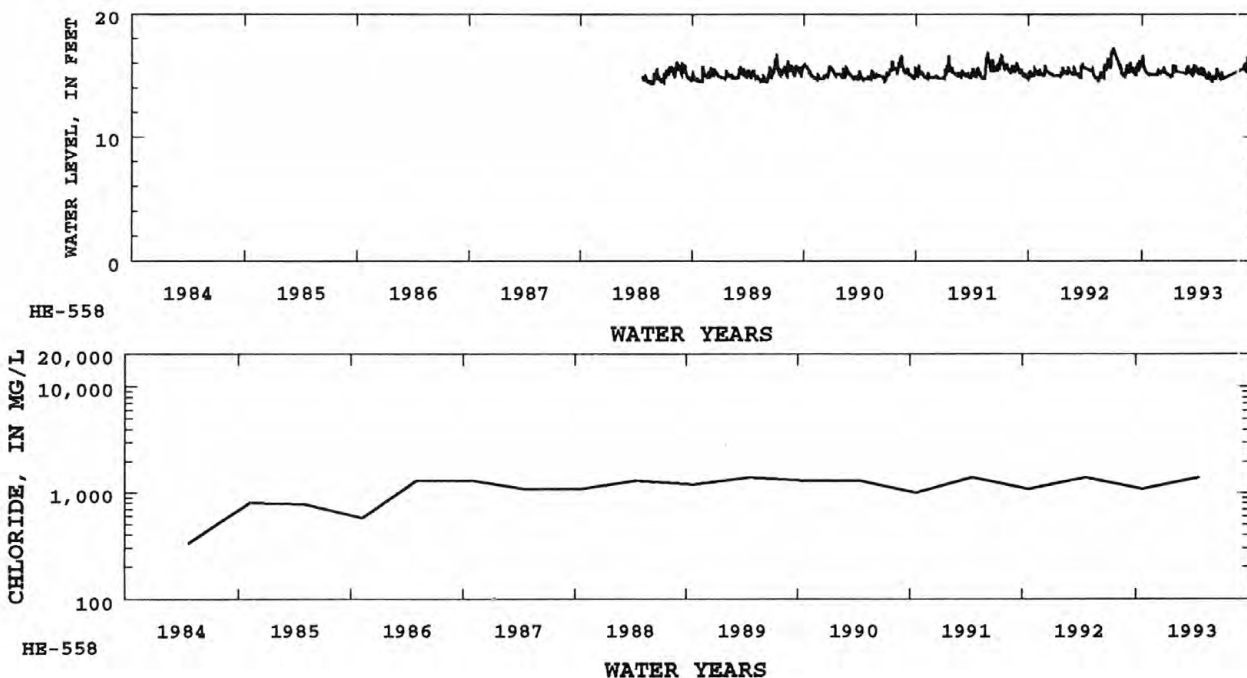
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to October 1983 (daily), November 1983 to February 1987 (intermittent), March 1987 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.23 ft NGVD, June 30, 1992; lowest, 12.89 NGVD, Apr. 19, 1981.

STATION NUMBER 264235081310602 HE - 558
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.13	15.02	15.34	14.90	---	15.35	15.58	15.11	14.99	---	---	15.56
10	15.45	15.05	15.66	15.62	---	15.06	15.41	14.68	14.75	---	---	15.47
15	15.23	14.99	15.21	15.69	---	15.35	15.42	14.44	15.28	---	---	15.86
20	15.09	15.23	15.09	15.27	15.12	15.52	15.18	14.84	14.81	---	---	15.34
25	15.07	15.27	15.02	---	15.26	15.56	14.84	14.71	---	---	15.52	15.16
EOM	15.05	15.14	14.93	---	15.44	15.15	14.71	15.36	---	---	15.49	15.77
MEAN	15.39	15.11	15.18	---	---	15.36	15.15	14.81	---	---	---	15.64
MAX	16.60	15.39	15.66	---	---	15.82	15.60	15.53	---	---	---	16.43
MIN	15.05	14.99	14.93	---	---	15.02	14.71	14.41	---	---	---	15.14



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

419

WELL NUMBER.--264353081281101. Local Number HE 620.

LOCATION.--Lat 26°43'53", long 81°28'11", in NW1/4NW1/4 sec.19, T.43 S., R.29 E., Hydrologic Unit 03090205, 3.5 mi southwest of La Belle and 0.5 mi south of State Road 80, in the Bob Paul Grove. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 350 ft, cased to 171 ft, open hole 171 to 350 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 17.13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.30 ft above land-surface datum.

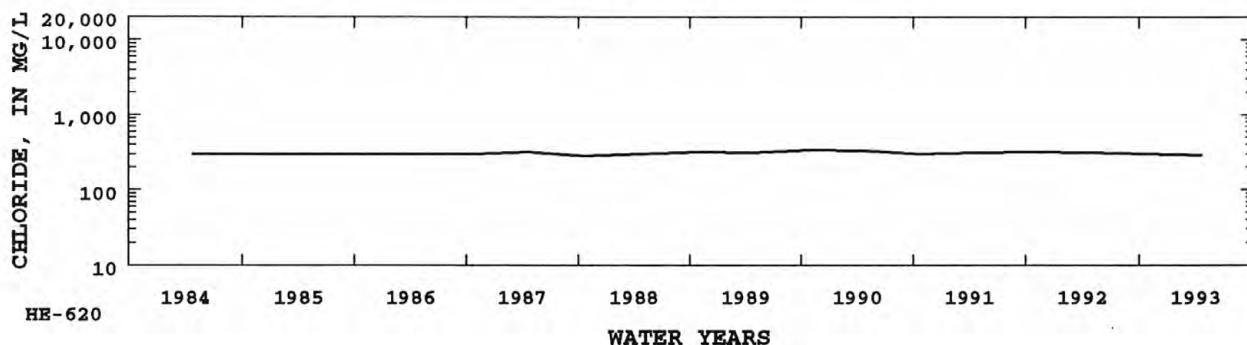
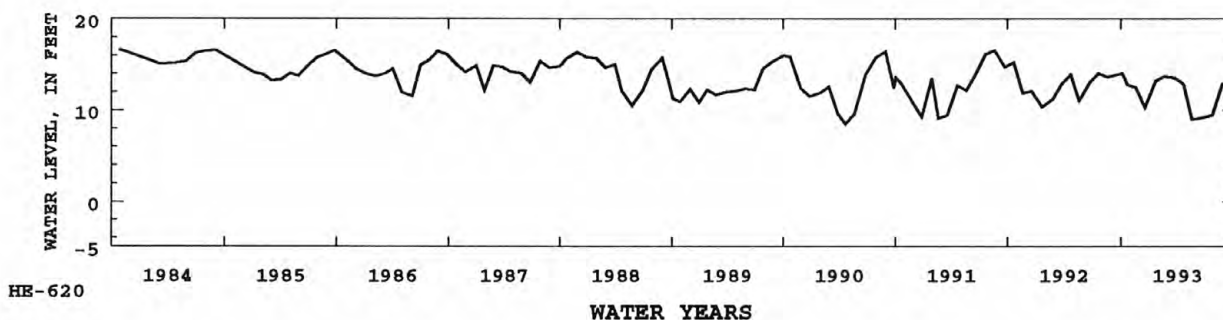
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--April 1976 to current year. Records prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.38 ft NGVD, June 24, 1982; lowest measured, 8.48 ft NGVD, Apr. 23, 1990.

264353081281101 - HE - 620

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	AS	NGVD			DUCT-	AS	NGVD
(US/CM)	(MG/L)	(US/CM)	(MG/L)	(FEET)	(US/CM)	(MG/L)	(US/CM)	(MG/L)	(FEET)
OCT					APR				
05...	1100	--	--	14.03	20...	1310	1650	290	12.86
22...	1125	1630	300	12.77	MAY				
NOV					17...	1040	--	--	8.96
17...	1045	--	--	12.53	JUN				
DEC					22...	1100	--	--	9.18
18...	1100	--	--	10.29	JUL				
JAN					22...	0950	--	--	9.41
21...	0930	--	--	13.21	AUG				
FEB					24...	1145	--	--	12.92
16...	1110	--	--	13.69					
MAR									
22...	1040	--	--	13.57					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--264535081130701. Local Number HE 857.

LOCATION.--Lat 26°45'35", long 81°13'07", in SW1/4NE1/4 sec.10, T.43 S., R.31 E., Hydrologic Unit 03090205, on the west side of Hendry Club Boulevard, 0.5 mi south of State Road 80 and 14 mi east of La Belle. Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 17 ft, screened 12 to 17 ft. .

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.50 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing, 2.61 ft above land-surface datum.

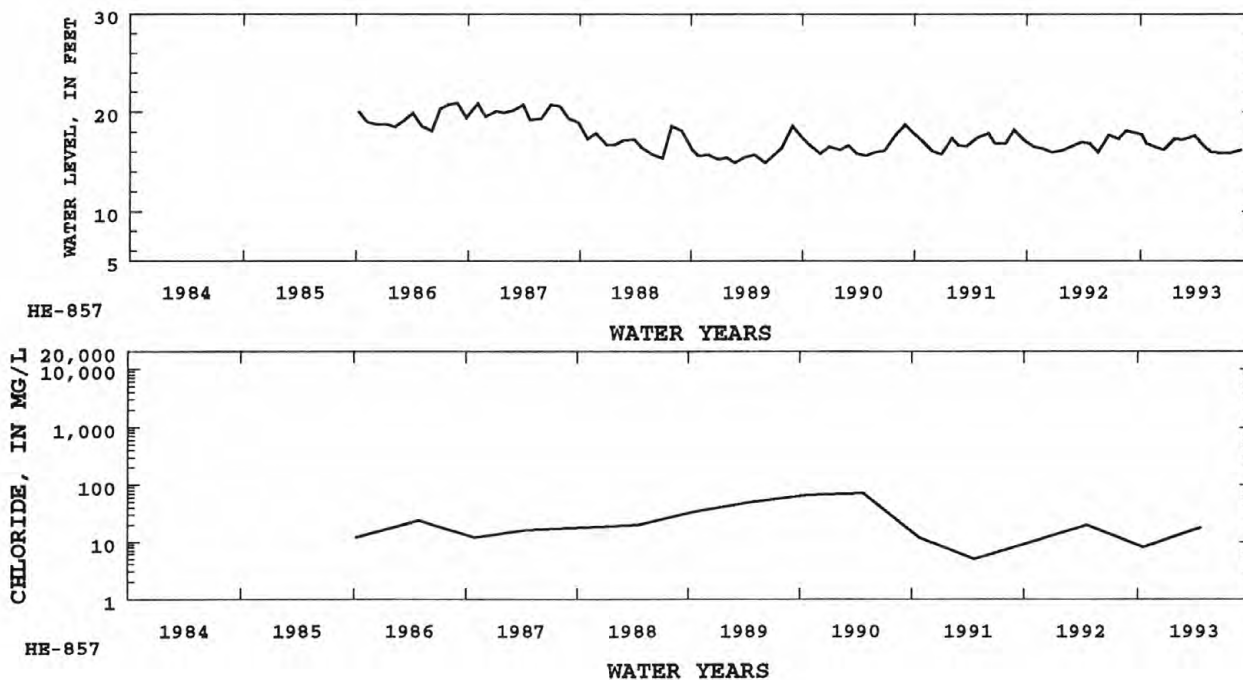
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--November 1977 to November 1978 (daily), November 1978 to October 1979, October 1985 to current year. Records prior to October 1985 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.22 ft NGVD, Sept. 26, 1979; lowest measured 14.89 ft NGVD, June 1, 1989.

264535081130701 - HE - 857

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
ANCE	ANCE	CON-	DIS-	ATION	ANCE	ANCE	CON-	DIS-	ATION
		DUCT-	SOLVED				DUCT-	SOLVED	
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
	AS CL)		AS CL)	(FEET)		AS CL)		AS CL)	(FEET)
OCT					APR				
06...	0950	--	--	17.75	22...	0930	444	18	16.58
19...	0925	366	8.0	16.86	MAY				
NOV					17...	0900	--	--	15.93
19...	0920	--	--	16.48	JUN				
DEC					22...	0835	--	--	15.87
15...	0925	--	--	16.17	JUL				
JAN					19...	0900	--	--	15.88
19...	0910	--	--	17.33	AUG				
FEB					23...	0915	--	--	16.18
16...	1025	--	--	17.24					
MAR									
24...	0935	--	--	17.60					



HENDRY COUNTY

WELL NUMBER.--264601081213102. Local Number HE 516.

LOCATION.--Lat 26°46'01", long 81°22'32", in SE1/4SE1/4 sec.1, T.43 S., R.29 E., Hydrologic Unit 03090205, at NE corner of pump house, .1 mi south of State Road 80 on Cedarwood Parkway, 5.1 mi east of La Belle. Owner: U.S. Geological Survey.

AQUIFER.--Tamiami formation, shell-marl aquifer of the Miocene Age, Geologic Unit 122 TMIMR.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 273 ft, cased to 270 ft, 3 ft screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.00 ft above land-surface datum. Prior to Oct. 1, 1986 land-surface datum was considered to be 17.00 NGVD. See PERIOD OF RECORD.

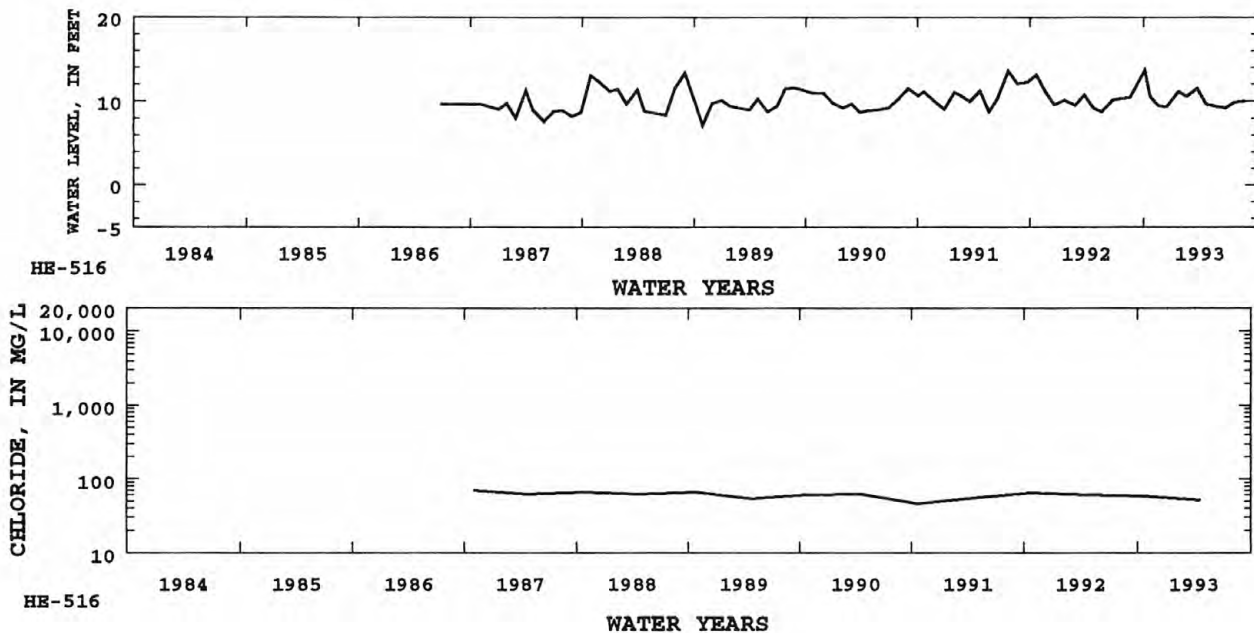
REMARKS.--Well also sampled for water quality. Well affected by nearby pumping.

PERIOD OF RECORD.--January 1977 to October 1979, June 1986 to current year. The figures of water level as elevation, in feet NGVD, prior to October 1986 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.54 ft NGVD, Sept. 26, 1978; lowest measured, 7.13 ft NGVD, Oct. 27, 1988.

264601081213102 - HE - 516

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	DUCT-	DIS-	ABOVE	ANCE	SOLVED	DUCT-	DIS-	ABOVE
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
AS CL)	AS CL)	AS CL)	AS CL)	(FEET)	AS CL)	AS CL)	AS CL)	AS CL)	(FEET)
OCT					APR				
05...	1110	--	--	13.67	20...	1230	774	52	9.62
22...	1200	786	58	10.55	MAY				
NOV					17...	1125	--	--	9.46
17...	1020	--	--	9.41	JUN				
DEC					22...	1040	--	--	9.16
14...	1135	--	--	9.39	JUL				
JAN					22...	1010	--	--	9.85
21...	1010	--	--	11.13	AUG				
FEB					25...	1035	--	--	10.01
16...	1045	--	--	10.58					
MAR									
22...	1000	--	--	11.48					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
HENDRY COUNTY

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Lee County

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Key to site locations on figure # 10

LEE COUNTY

Index Number	Site Number	Well Name	Page Number	Index Number	Site Number	Well Name	Page Number
1	263802081493501	L 246	537	78	263718081485003	L 2292	534
2	263532081592201	L 581	523	79	262552081485702	L 2295	456
3	262710082005301	L 585	468	80	262552081485703	L 2308	457
4	262538082045701	L 588	452	81	262022081464202	L 2310	438
5	262547082051201	L 590	453	82	263344081361704	L 2311	514
6	264101081443001	L 652	557	83	262703081340203	L 2313	466
7	264153082022301	L 721	559	84	263004082111701	L 2315	481
8	264425081454001	L 726	568	85	264608081454103	L 2328	578
9	263850081365401	L 727	547	86	264517081513201	L 2341	571
10	263712081461201	L 728	531	87	263526082010201	L 2434	522
11	263335081394301	L 729	510	88	263307081555901	L 2435	519
12	263138081545801	L 730	492	89	262622082074401	L 2524	460
13	262703081340201	L 731	464	90	263117082051001	L 2525	487
14	262839081503100	L 735	477	91	264517082022102	L 2526	573
15	262022081464201	L 738	437	92	263955082083101	L 2527	550
16	262657081443501	L 739	462	93	263907081592701	L 2528	546
17	262552081485701	L 741	455	94	262944081560801	L 2529	478
18	263323081522401	L 742	506	95	264308081405402	L 2530	560
19	263834082005301	L 781	544	96	264427081362601	L 2531	569
20	263903081550401	L 954	545	97	263955082083103	L 2549	552
21	263814082020701	L 1058	541	98	262711081413701	L 2550	471
22	264517082022101	L 1059	572	99	262649082070201	L 2583	461
23	263124081521401	L 1089	490	100	263813081552801	L 2640	539
24	264147081562701	L 1111	558	101	263533081573401	L 2641	525
25	263633082002701	L 1116	530	102	263257081585701	L 2642	504
26	263327081512001	L 1121	507	103	263253082014201	L 2643	502
27	263246081531501	L 1124	496	104	263440082022001	L 2644	520
28	263532081592202	L 1136	524	105	263743082041201	L 2645	535
29	263950081355402	L 1137	549	106	264537081552202	L 2646	574
30	262703081340202	L 1138	465	107	264002082012801	L 2700	554
31	262549082035301	L 1403	454	108	263819081585801	L 2701	542
32	263630081375301	L 1418	529	109	263621081563701	L 2702	527
33	262622082022001	L 1456	458	110	263357081575602	L 2703	517
34	262622082022002	L 1457	459	111	263955082083102	L 2820	551
35	263233081550301	L 1598	494	112	263117082051002	L 2821	488
36	263329081394302	L 1625	509	113	263813081552802	L 3203	540
37	262435081535101	L 1634	447	114	263533081573402	L 3204	526
38	262435081535001	L 1635	446	115	263257081585702	L 3205	505
39	262042081455001	L 1691	439	116	263253082014202	L 3206	503
40	262706081435401	L 1853	467	117	263440082022002	L 3207	521
41	264308081410001	L 1907	561	118	263743082041202	L 3208	536
42	263344081361701	L 1963	511	119	264537081552203	L 3209	575
43	263344081361702	L 1964	512	120	264002082012802	L 3210	555
44	263353081335801	L 1965	515	121	263819081585802	L 3211	543
45	263807081430301	L 1968	538	122	263621081563702	L 3212	528
46	263718081485001	L 1973	532	123	263357081575603	L 3213	518
47	263718081485002	L 1974	533	124	263955082083104	L 3214	553
48	264359081424701	L 1975	566	125	263117082051003	L 3215	489
49	264359081424702	L 1976	567	126	264053081572501	L 4820	556
50	264320081365701	L 1977	562	127	263115081483501	L 5641	485
51	264320081365702	L 1978	563	128	263249081474401	L 5648	497
52	263041081433101	L 1983	482	129	262934081495801	L 5649	479
53	262713081414601	L 1984	473	130	262514081393402	L 5664	451
54	262713081414701	L 1985	474	131	262514081393401	L 5665	450
55	263353081335802	L 1992	516	132	262513081471802	L 5668	449
56	263251081452801	L 1993	499	133	262511081471801	L 5669	448
57	263251081452802	L 1994	500	134	264433081360601	L 5708	570
58	263251081452803	L 1995	501	135	263249081474402	L 5720	498
59	261954081410101	L 1996	432	136	262934081495802	L 5721	480
60	261954081410102	L 1997	433	137	262102081464401	L 5722	440
61	263041081433102	L 1998	483	138	262102081464402	L 5723	441
62	263041081433103	L 1999	484	139	261946081490301	L 5724	430
63	263344081361703	L 2186	513	140	261946081490302	L 5725	431
64	263950081355401	L 2187	548	141	261859081481901	L 5726	426
65	262659081382501	L 2192	463	142	261859081481902	L 5727	427
66	262713081414401	L 2193	472	143	262351081485401	L 5730	444
67	261957081432201	L 2194	435	144	262351081485402	L 5731	445
68	261957081432202	L 2195	436	145	262755082090902	L 5734	475
69	261954081432201	L 2198	434	146	262706082080201	L 5735	469
70	264329081340401	L 2200	564	147	262706082080202	L 5737	470
71	264329081340402	L 2202	565	148	261900081454601	L 5744	428
72	263329081394301	L 2204	508	149	261900081454602	L 5745	429
73	262831081575901	L 2212	476	150	262258081471801	L 5746	442
74	263127081351602	L 2215	491	151	262258081471802	L 5747	443
75	264608081454101	L 2216	576	152	263138082112801	L 5766	493
76	264608081454102	L 2217	577	153	263115081483502	L 5801	486
77	263242081572101	L 2244	495				

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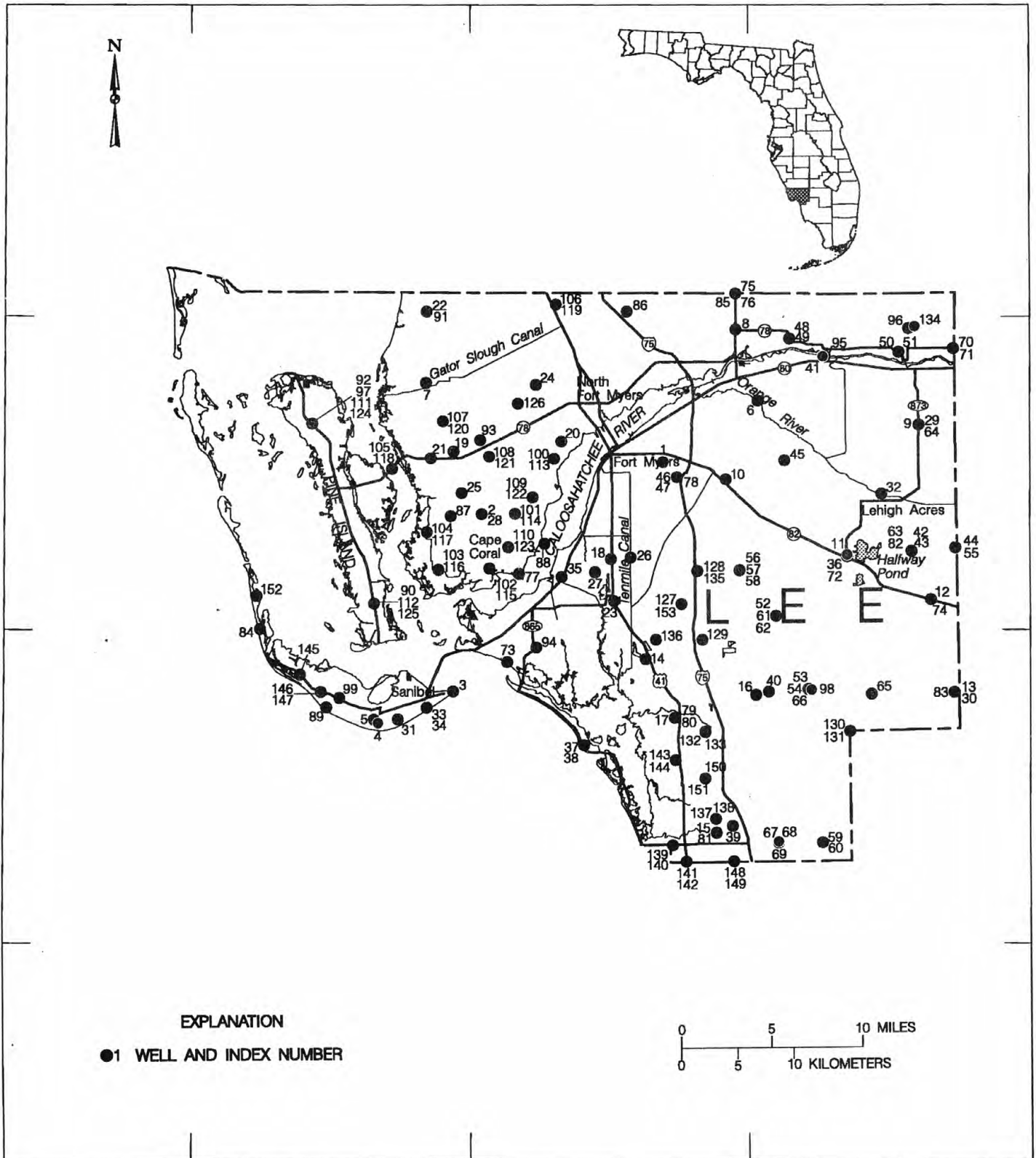


Figure 10. Location of wells in Lee County.

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--261859081481901. Local Number L 5726.

LOCATION.--Lat 26°18'59", long 81°48'20", in SE1/4SE1/4 sec.4, T.48 S., R.25 E., Hydrologic Unit 03090204, 100 ft north of Lee/Collier County Line on west side of U.S. Highway 41, 1.5 mi southwest of Bonita Springs Post Office. Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 32 ft, cased to 22 ft, screened 22 to 32 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.90 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

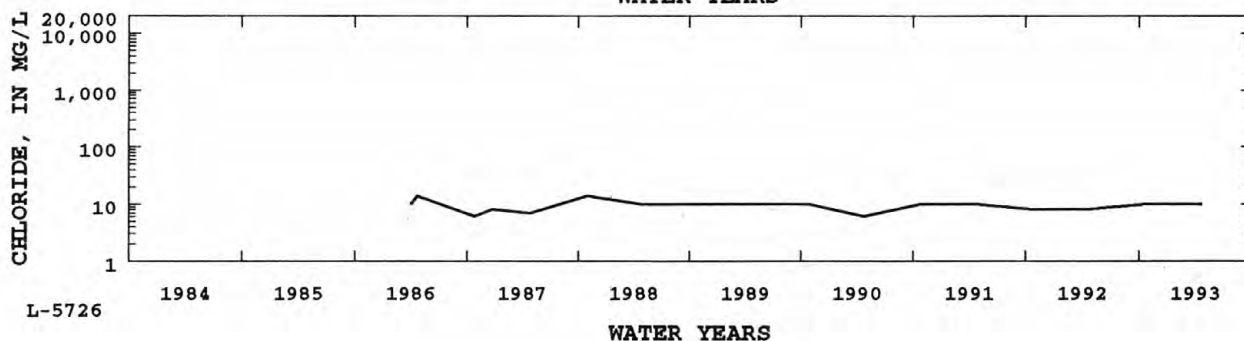
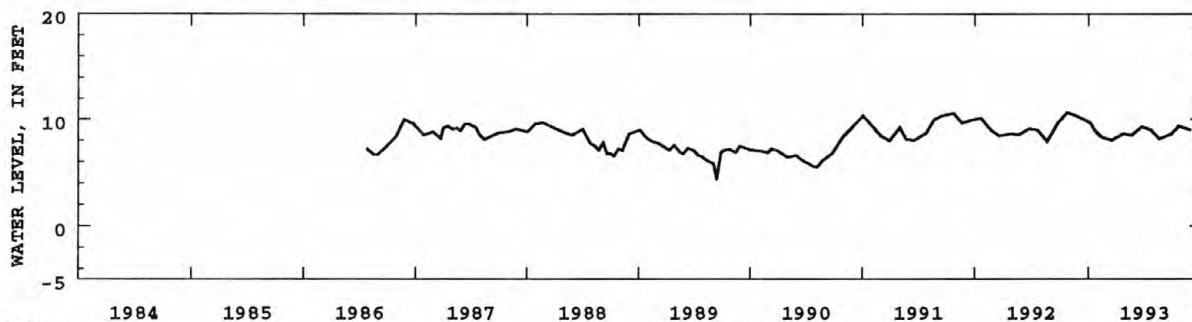
PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.65 ft NGVD, July 24, 1992; lowest measured, 4.32 ft NGVD, June 12, 1989.

261859081481901 - L -5726

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					MAR				
07...	0930	--	--	9.67	23...	1155	--	--	9.28
22...	0720	450	10	8.93	APR				
NOV					19...	0730	479	10	8.97
09...	1035	--	--	8.39	MAY				
18...	1215	--	--	8.29	18...	0940	--	--	8.16
DEC					JUN				
14...	1230	--	--	8.03	26...	1205	--	--	8.64
JAN					JUL				
21...	1345	--	--	8.65	19...	1430	--	--	9.35
FEB					AUG				
17...	1655	--	--	8.53	27...	1435	--	--	8.98



LEE COUNTY

WELL NUMBER.--261859081481902. Local Number L 5727.

LOCATION.--Lat 26°18'59", long 81°48'20", in SE1/4SE1/4 sec.4, T.48 S., R.25 E., Hydrologic Unit 03090204, 100 ft north of Lee/Collier County Line on west side of U.S. Highway 41, 1.5 mi southwest of Bonita Springs Post Office.
Owner: U.S. Geological Survey. (Corrected).

AQUIFER.--Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 100 ft, cased to 65 ft, open hole 65 to 100 ft. (Corrected).

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 11.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.95 ft above land-surface datum.

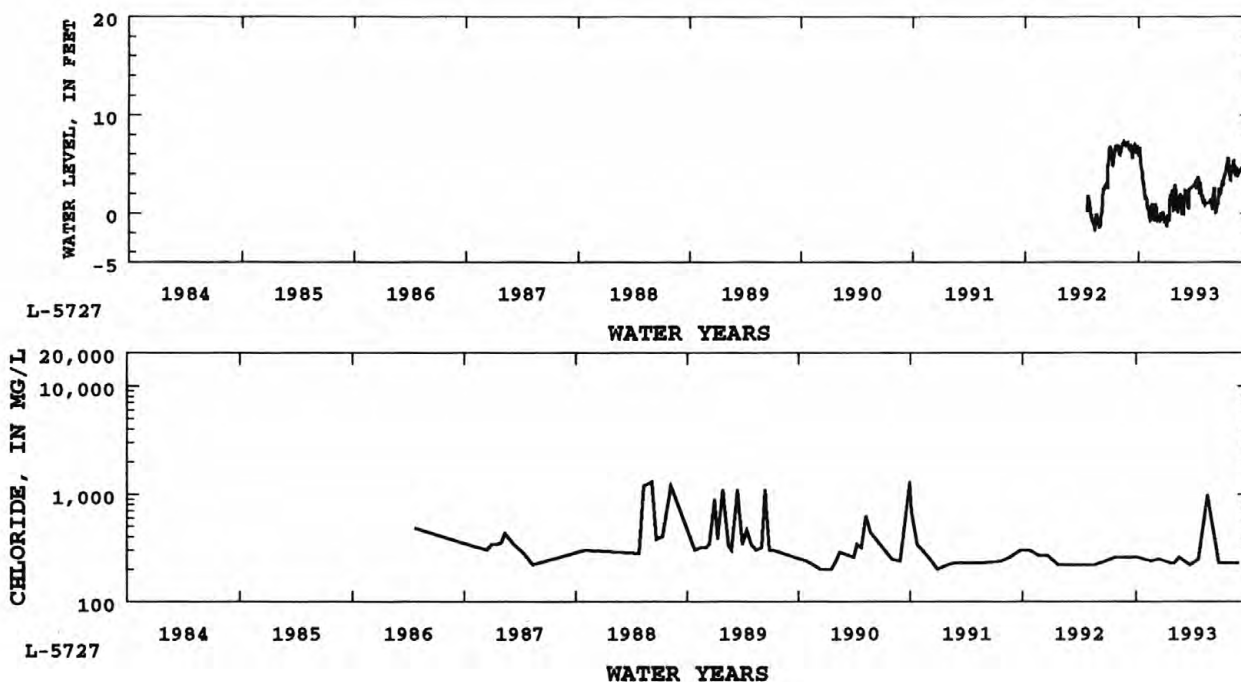
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--April 1986 to March 1992 (monthly), April 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.26 ft NGVD, Aug. 15, 1992; lowest measured, 3.81 ft below NGVD, Apr. 13, 1989.

STATION NUMBER 261859081481902 L -5727
 ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.46	-.43	-.42	-.66	.52	1.64	3.03	---	1.08	3.72	5.19	---
10	4.58	-.54	-.73	1.87	.83	.61	3.74	---	.29	4.43	3.79	---
15	3.12	.38	-.55	1.67	1.35	---	2.02	---	1.17	5.48	3.99	5.36
20	2.07	-.29	-.47	1.04	.50	---	2.22	1.10	1.78	4.73	---	5.10
25	1.54	.94	-.46	1.35	1.39	---	1.43	.60	2.69	3.84	---	4.40
EOM	.78	-.44	-1.38	1.32	2.26	2.79	1.34	2.30	3.26	4.57	---	4.45
MEAN	3.37	.04	-.61	1.06	.95	---	2.48	---	1.72	4.30	---	---
MAX	6.46	.99	.08	2.89	2.26	---	3.74	---	3.26	5.70	---	---
MIN	.70	-.70	-1.38	-.87	-.11	---	1.17	---	.11	2.82	---	---



LEE COUNTY

WELL NUMBER.--261900081454601. Local Number L 5744.

LOCATION.--Lat 26°19'26", long 81°45'47", in SE1/4NW1/4 sec.1, T.48 S., R.25 E., Hydrologic Unit 03090204, 25 ft west of Imperial Street, 0.5 mi north of Lee/Collier County Line, 0.47 mi south of Bonita Beach Road. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15 ft, cased to 10 ft, 5 ft of .02 slot screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.50 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

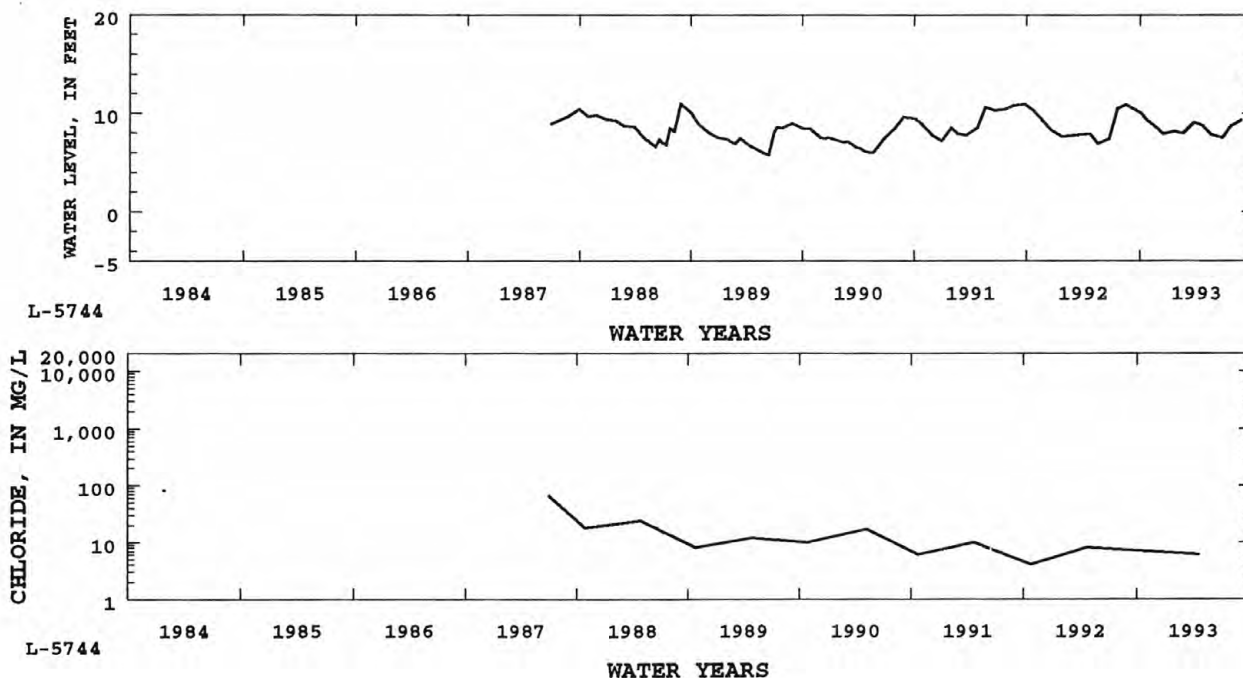
PERIOD OF RECORD.--June 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.93 ft NGVD, Sept. 25, 1991; lowest measured, 5.74 ft NGVD, June 12, 1989.

261900081454601 - L -5744

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	1405	--	--	10.00	20...	1500	376	6.0	8.75
19...	1440	--	--	9.42	MAY				
NOV					18...	1040	--	--	7.83
20...	1100	--	--	8.58	JUN				
DEC					24...	1035	--	--	7.51
16...	1230	--	--	7.91	JUL				
JAN					20...	1055	--	--	8.70
20...	1230	--	--	8.16	AUG				
FEB					25...	1105	--	--	9.31
18...	1230	--	--	7.95					
MAR									
25...	1410	--	--	9.06					



LEE COUNTY

WELL NUMBER.--261900081454602. Local Number L 5745.

LOCATION.--Lat 26°19'26", long 81°45'47", in SE1/4NW1/4 sec.1, T.48 S., R.25 E., Hydrologic Unit 03090204, 25 ft west of Imperial Street, 0.5 mi north of Lee/Collier County Line, 0.47 mi south of Bonita Beach Road. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 105 ft, cased to 57 ft, 48 ft of open hole.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 11.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 1.76 ft above land-surface datum.

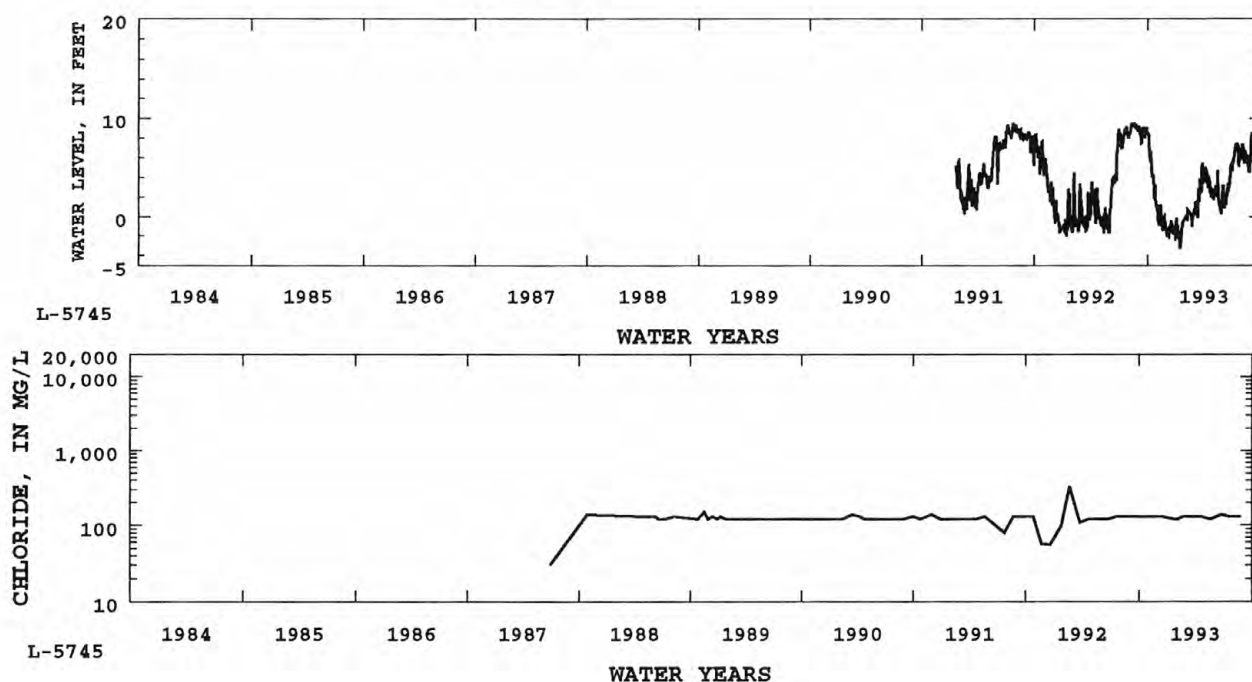
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1987 to December 1990 (monthly), January 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.46 ft NGVD, Aug. 25, 1992; lowest measured, 5.31 ft below NGVD, Dec. 29, 1988.

STATION NUMBER 261900081454602 L -5745
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.36	-.57	-1.95	-.94	.24	1.39	4.68	2.49	1.42	5.51	7.12	7.76
10	5.63	-.89	-1.41	---	---	.15	4.66	3.18	1.58	6.83	5.69	8.34
15	4.86	-.51	-.90	---	---	2.29	2.92	2.36	2.63	7.49	5.51	8.44
20	3.84	-.87	-1.17	---	.32	3.77	2.99	---	2.58	7.07	5.76	7.71
25	3.30	-.06	-1.67	---	---	4.71	2.08	---	4.52	6.18	4.54	6.31
EOM	1.12	-1.56	-2.06	---	---	3.39	2.00	2.63	4.83	6.65	7.94	7.40
MEAN	4.59	-.34	-1.48	---	---	---	3.43	---	2.89	6.37	6.05	7.82
MAX	8.50	1.20	-.43	---	---	---	5.00	---	5.39	7.49	7.94	8.45
MIN	1.06	-1.56	-2.43	---	---	---	1.95	---	.86	4.63	4.54	6.31



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--261946081490301. Local Number L 5724.

LOCATION.--Lat 26°19'46", long 81°49'03", in NW1/4NW1/4 sec.4, T.48 S., R.25 E., Hydrologic Unit 03090204, 150 ft south of Intersection of Bonita Beach Road on the east side of Sunset, 3 mi west of Bonita Springs Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 35 ft, cased to 25 ft, screened 25 to 35 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.43 ft above land-surface datum.

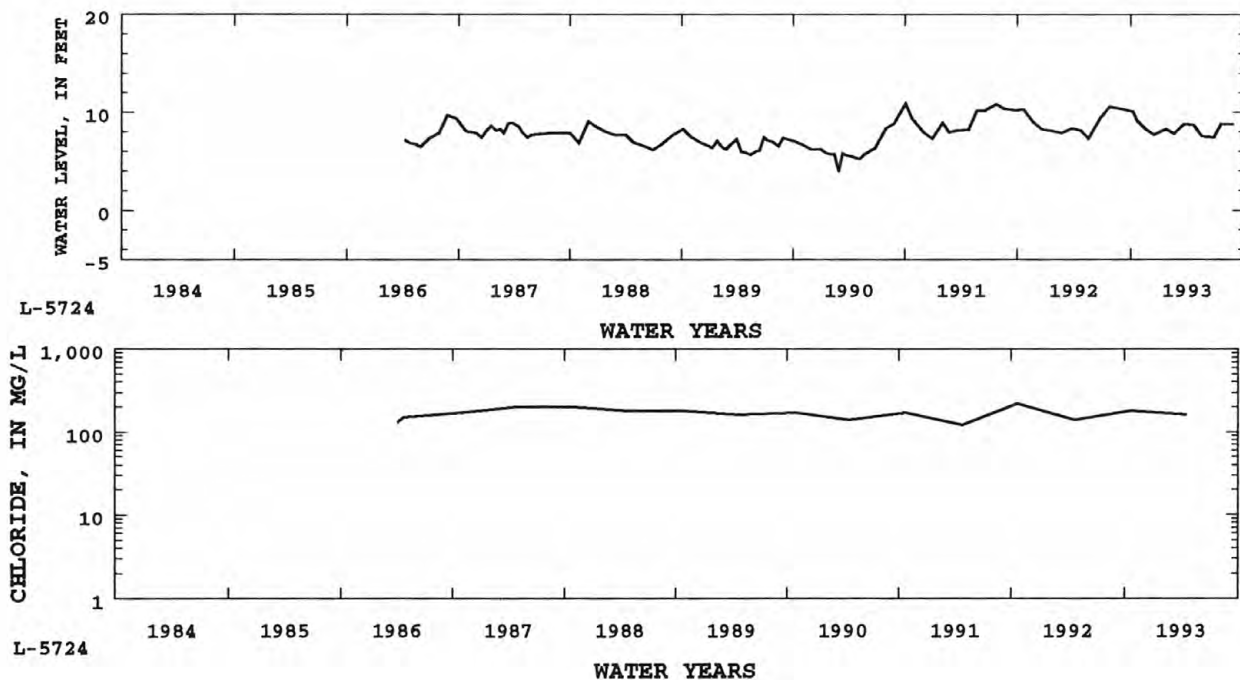
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.83 ft NGVD, Oct. 3, 1990; lowest measured, 3.93 ft NGVD, Feb. 27, 1990.

261946081490301 - L -5724

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	0910	--	--	10.07	19...	0745	1030	160	8.75
22...	0705	1140	180	9.11	MAY				
NOV					18...	0930	--	--	7.59
18...	1210	--	--	8.29	JUN				
DEC					26...	1230	--	--	7.42
14...	1210	--	--	7.68	JUL				
JAN					19...	1450	--	--	8.76
21...	1405	--	--	8.23	AUG				
FEB					27...	1450	--	--	8.80
17...	1435	--	--	7.81					
MAR									
23...	1230	--	--	8.78					



LEE COUNTY

WELL NUMBER.--261946081490302. Local Number L 5725.

LOCATION.--Lat 26°19'46", long 81°49'03", in NW1/4NW1/4 sec.4, T.48 S., R.25 E., Hydrologic Unit 03090204, 150 ft south of intersection of Bonita Beach Road and Sunset on east side, 3 mi west of Bonita Springs Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 128 ft, cased to 65 ft, open hole 65 to 128 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

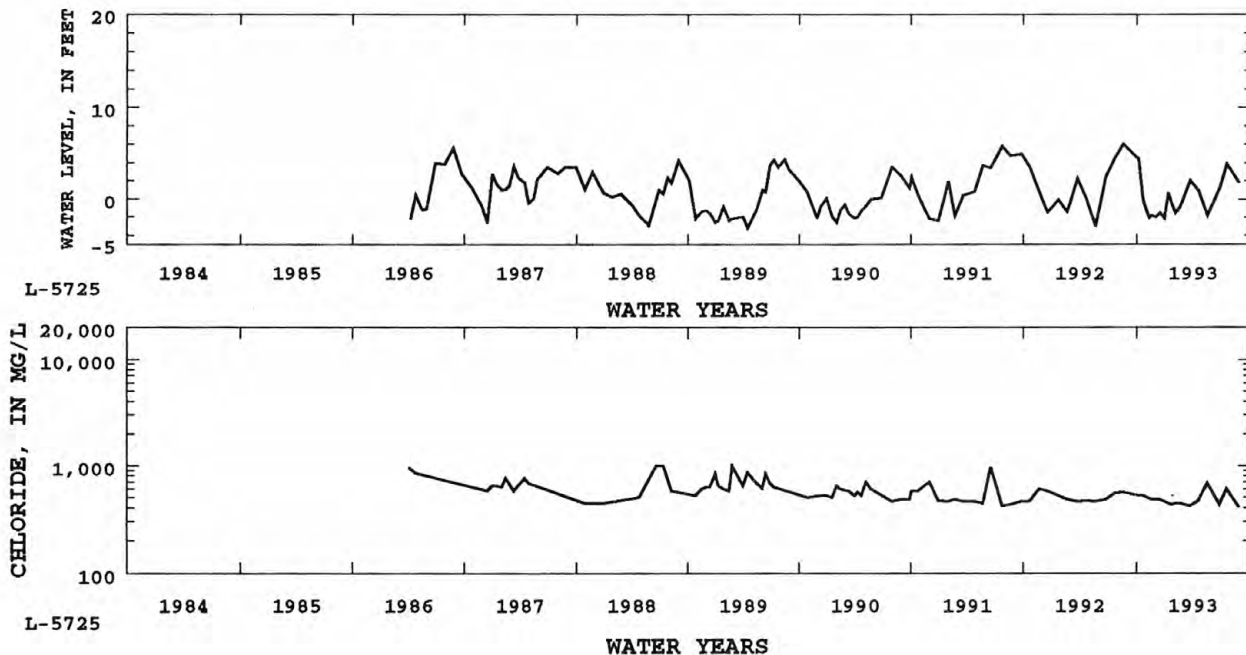
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.01 ft NGVD, Aug. 18, 1992; lowest measured, 3.29 ft below NGVD, Apr. 13, 1989.

261946081490302 - L -5725

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993										
DATE	TIME	SPE-	CHLO-		DATE	TIME	SPE-	CHLO-	ELEV-	
		CIFIC	RIDE,	ELEV-			CIFIC	RIDE,		ELEV-
		CON-	DIS-	ATION			CON-	DIS-		ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED		ABOVE
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD	
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)	
OCT					MAR					
07...	0905	2150	520	4.38	23...	1230	1670	420	2.06	
22...	0700	2130	520	-0.15	APR					
NOV					19...	0745	1970	470	0.91	
09...	1050	--	--	-2.08	MAY					
18...	1200	2010	480	-1.81	18...	0925	2920	680	-1.83	
DEC					JUN					
02...	1015	--	--	-2.03	26...	1220	1800	430	1.21	
14...	1210	1960	480	-1.52	JUL					
29...	1135	--	--	-2.16	09...	1200	--	--	2.81	
JAN					19...	1445	2580	600	3.80	
11...	1240	--	--	0.67	AUG					
21...	1400	1860	430	-0.44	27...	1445	1650	410	1.82	
FEB										
03...	1020	1830	440	-1.50						
17...	1430	1790	440	-0.88						



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--261954081410101. Local Number L 1996.

LOCATION.--Lat 26°19'54", long 81°41'01", in SE1/4SW1/4 sec.35, T.47 S., R.26 E., Hydrologic Unit 03090204, 5.8 mi east of intersection of U.S. Highway 41 and East Bonita Beach Road and 5.8 mi east of Bonita Springs Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 295 ft, cased to 65 ft, screened and open hole. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 15.03 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.84 ft above land-surface datum.

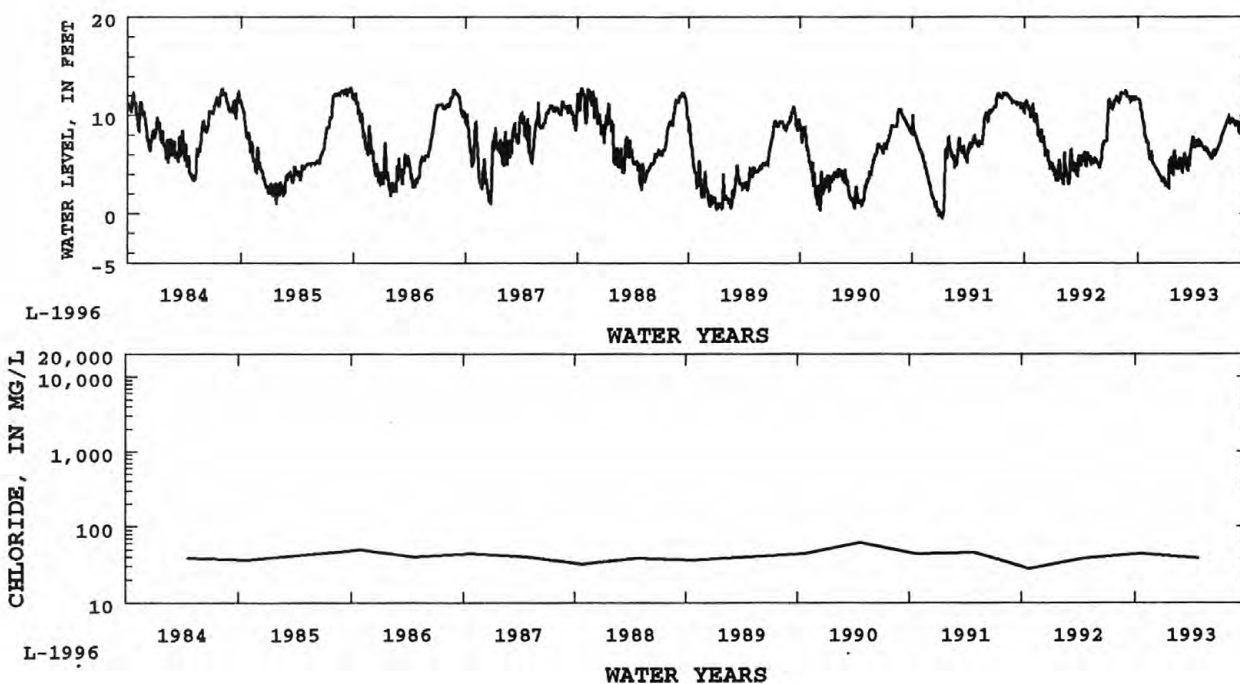
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--February 1975 to July 1977. December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.58 ft NGVD, Sept. 8, 1983, lowest, 0.34 ft below NGVD, Jan. 5, 1991.

STATION NUMBER 261954081410101 L -1996
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	6.26	---	2.92	4.68	5.57	7.30	6.63	6.07	---	9.50	10.09
10	10.66	5.72	---	5.40	4.78	4.46	7.38	6.68	---	---	8.97	10.64
15	9.86	5.71	---	5.03	4.82	5.30	6.80	6.28	---	---	9.33	10.77
20	9.01	---	3.55	4.08	4.46	---	7.24	6.09	---	---	8.89	10.39
25	7.95	---	3.35	5.08	5.05	---	6.84	5.65	7.48	9.17	8.28	9.40
EOM	7.32	---	2.87	4.65	6.20	6.89	6.73	6.23	---	9.34	9.86	9.61
MEAN	---	---	---	4.50	4.99	---	7.11	6.22	---	---	9.07	10.20
MAX	---	---	---	6.43	5.20	---	7.51	6.71	---	---	9.86	10.80
MIN	---	---	---	2.64	4.33	---	6.71	5.56	---	---	8.19	9.39



LEE COUNTY

WELL NUMBER.--261954081410102. Local Number L 1997.

LOCATION.--Lat 26°19'54", long 81°41'01", in SE1/4SW1/4 sec.35, T.47 S., R.26 E., Hydrologic Unit 03090204, 5.8 mi east of intersection of U.S. Highway 41 and East Bonita Beach Road and 5.8 mi east of Bonita Springs Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20.0 ft, cased to 10 ft, screened 10 to 20 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.63 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

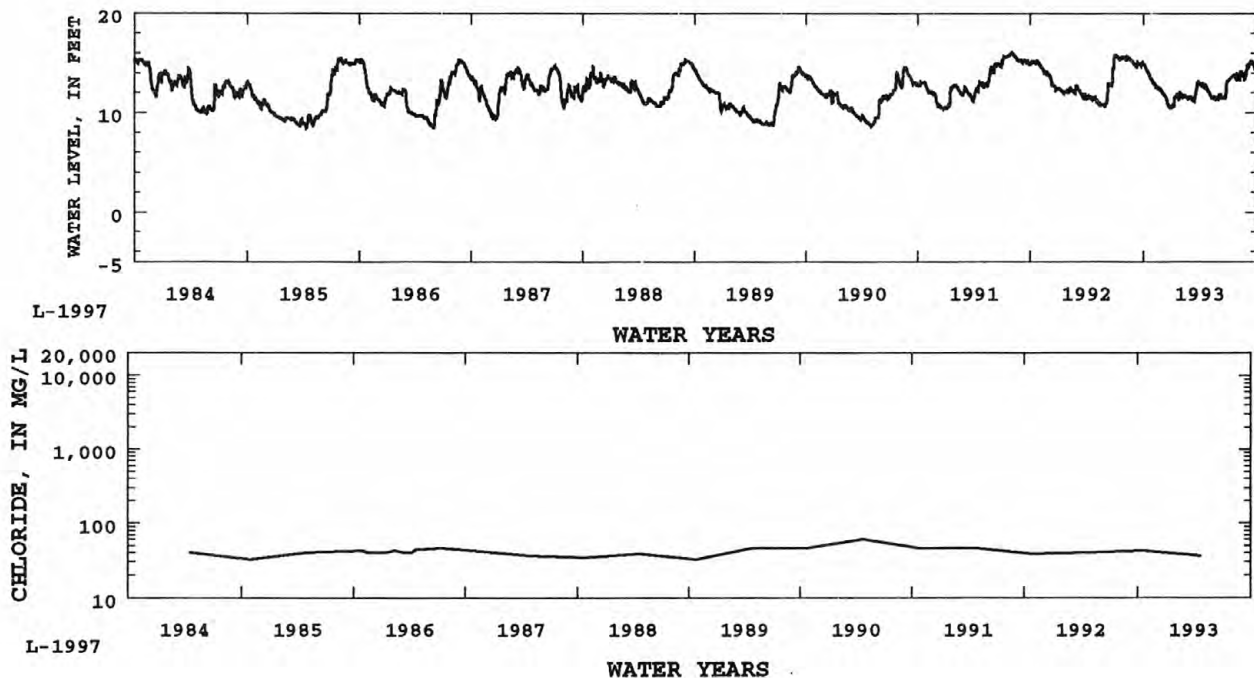
PERIOD OF RECORD.--February 1975 to July 1977, December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 15.96 ft NGVD, Aug. 1, 1991; lowest, 4.51 ft NGVD, Dec. 21, 1981.

STATION NUMBER 261954081410102 L -1997
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.77	12.88	11.83	10.71	11.53	11.52	12.87	11.78	11.85	---	13.48	14.59
10	14.39	12.63	11.73	11.59	11.73	11.16	12.68	11.45	11.66	---	14.08	14.92
15	14.10	12.64	11.25	11.54	11.59	11.23	12.69	11.64	11.45	---	13.89	15.16
20	13.74	12.25	10.77	11.52	11.44	12.09	12.66	11.60	11.41	---	13.66	14.86
25	13.39	12.42	10.63	11.42	11.57	13.09	12.30	11.42	12.12	13.63	13.43	14.46
EOM	13.07	12.10	10.64	11.82	11.66	12.90	12.07	11.57	---	13.81	14.75	14.32
MEAN	14.01	12.56	11.22	11.42	---	11.98	12.60	11.58	---	---	13.78	14.78
MAX	14.83	13.07	12.04	12.06	---	13.15	12.88	12.06	---	---	14.75	15.21
MIN	13.07	12.10	10.61	10.62	---	11.16	12.07	11.38	---	---	13.17	14.29

CAL YR 1992 MEAN 12.93 MAX 15.80 MIN 10.61



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--261954081432201. Local Number L 2198.

LOCATION.--Lat 26°19'54", long 81°43'22", in SE1/4SE1/4 sec.32, T.47 S., R.26 E., Hydrologic Unit 03090204, 500 ft north of East Bonita Beach Road, and 3.5 mi east of Bonita Springs Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 137 ft, cased to 80 ft, screened 80 to 137 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.02 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

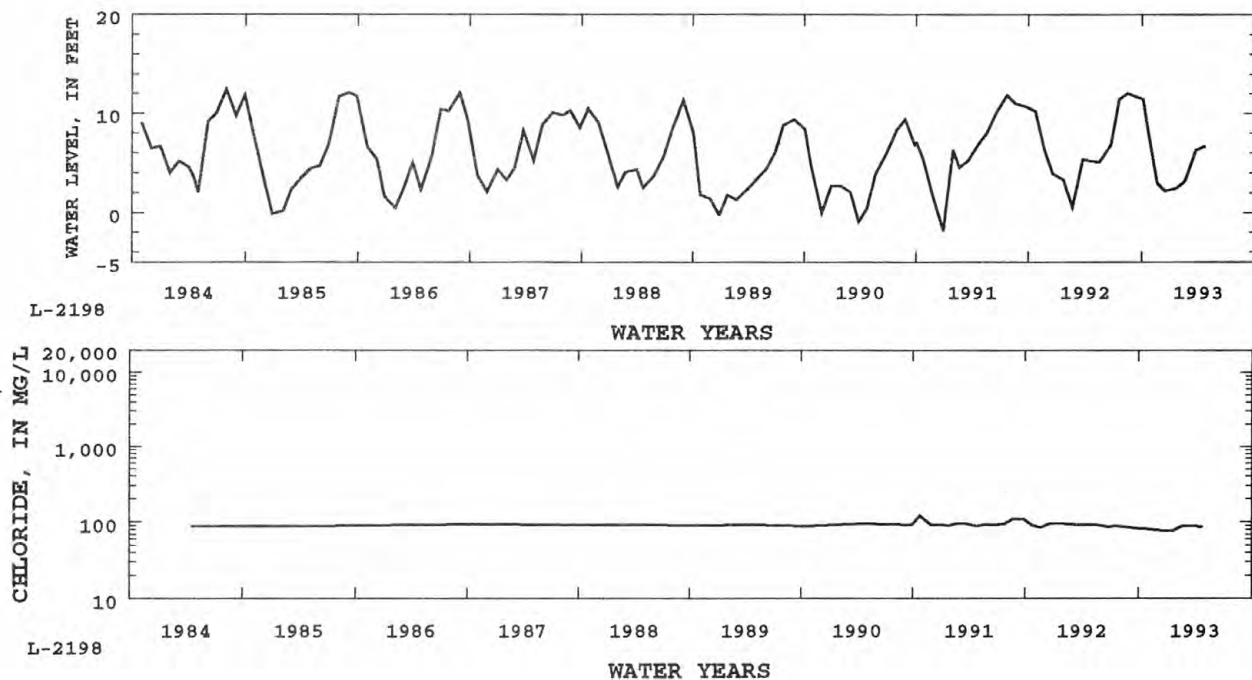
PERIOD OF RECORD.--August 1975 to current year. Records of water levels prior to October 1982 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.80 ft NGVD, Aug. 31, 1983; lowest measured, 1.83 ft below NGVD, Dec. 28, 1990.

261954081432201 - L -2198

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CHLO- CIFIC RIDE, ELEV- CON- DIS- ATION DUCT- SOLVED ABOVE ANCE (MG/L NGVD (US/CM) AS CL) (FEET)			DATE	TIME	SPE- CHLO- CIFIC RIDE, ELEV- CON- DIS- ATION DUCT- SOLVED ABOVE ANCE (MG/L NGVD (US/CM) AS CL) (FEET)		
OCT					FEB				
05...	1430	960	82	11.41	18...	1325	956	88	3.13
20...	0925	950	82	8.50	MAR				
NOV					25...	1450	968	88	6.28
20...	1110	--	--	2.96	APR				
DEC					23...	0845	961	86	6.67
16...	1310	960	76	2.20					
JAN									
20...	1330	951	76	2.43					



LEE COUNTY

WELL NUMBER.--261957081432201. Local Number L 2194.

LOCATION.--Lat 26°19'57", long 81°43'22", in SE1/4SE1/4 sec.32, T.47 S., R.26 E., Hydrologic Unit 03090204, 500 ft north of East Bonita Beach Road, and 3.5 mi east of Bonita Springs Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 137 ft, cased to 81 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.67 ft above land-surface datum.

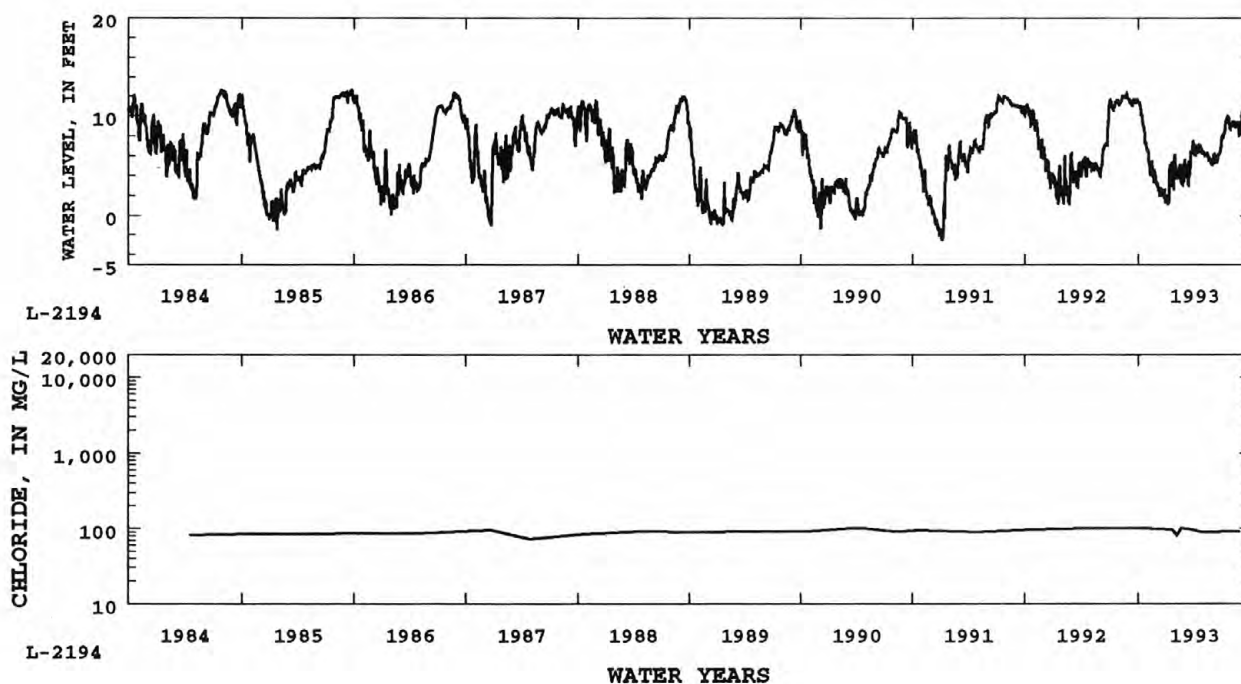
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1975 to September 1978 (monthly); October 1978 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.42 ft NGVD, Sept. 3, 1983; lowest, 2.50 ft below NGVD, Jan. 5, 1991.

STATION NUMBER 261957081432201 L -2194
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.38	5.13	2.49	1.82	3.90	4.78	6.91	6.25	5.64	8.16	9.41	10.35
10	10.13	4.66	2.52	5.03	3.84	3.15	6.98	6.40	5.42	9.36	8.79	10.99
15	9.35	4.38	1.95	4.24	3.49	4.46	6.32	5.86	5.98	9.97	9.31	11.16
20	8.55	3.33	2.29	2.91	3.12	6.45	6.68	5.63	6.22	9.72	8.89	10.76
25	7.42	4.25	2.53	4.81	3.42	6.80	6.30	5.18	7.07	8.78	8.22	9.71
EOM	6.52	3.02	1.82	3.66	5.69	6.22	6.25	5.88	7.92	9.08	10.18	10.00
MEAN	9.11	4.55	2.31	3.55	4.06	5.35	6.59	5.79	6.26	9.08	9.04	10.55
MAX	11.49	6.67	3.29	6.21	5.69	7.52	7.16	6.40	7.92	9.98	10.18	11.17
MIN	6.48	3.02	1.29	1.06	3.06	3.05	6.02	5.05	5.29	7.88	8.17	9.71
CAL YR 1992	MEAN 6.50	MAX 12.24	MIN 1.05									
WTR YR 1993	MEAN 6.37	MAX 11.49	MIN 1.06									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--261957081432202. Local Number L 2195.

LOCATION.--Lat 26°19'57", long 81°43'22", in SE1/4SE1/4 sec.32, T.47 S., R.26 E., Hydrologic Unit 03090204, 500 ft north of East Bonita Beach Road, and 3.5 mi east of Bonita Springs Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15 ft, cased to 14 ft, open hole 14 to 15 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.67 ft above land-surface datum.

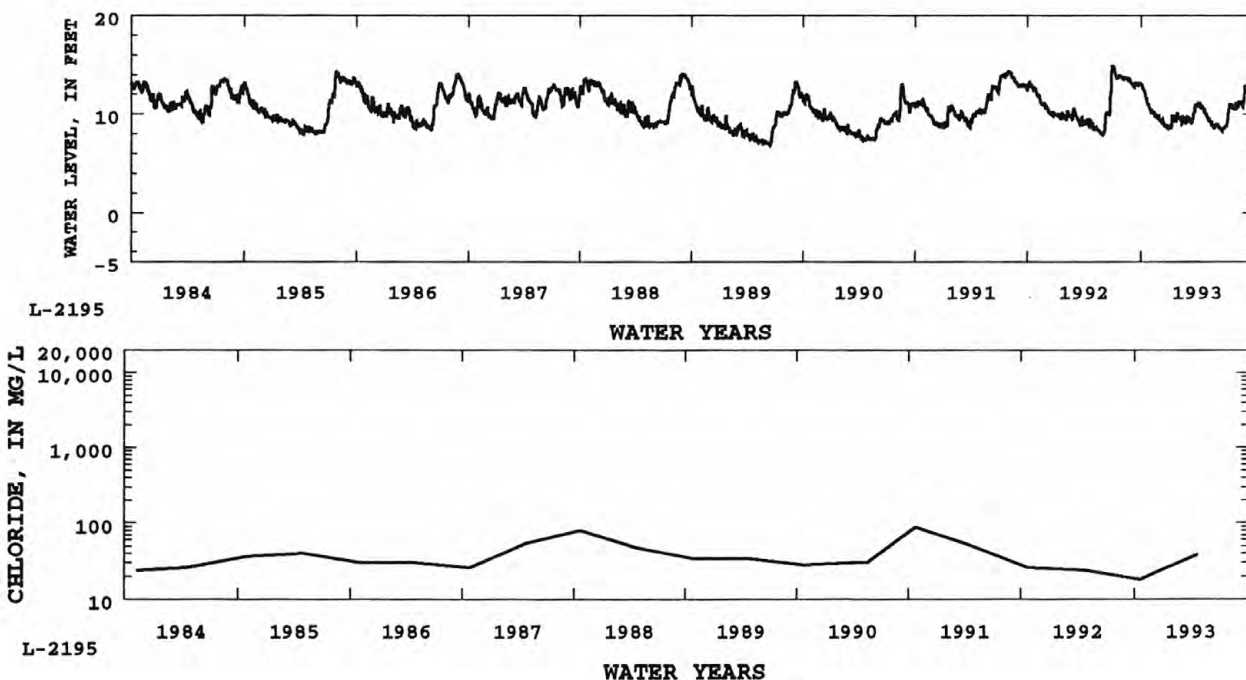
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1975 to February 1978 (monthly); March 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.83 ft NGVD, July 1-3, 1992; lowest, 6.76 ft NGVD, June 16, 1989.

STATION NUMBER 261957081432202 L -2195
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.89	10.25	9.24	8.59	9.31	9.59	11.09	9.49	8.83	8.91	11.01	12.77
10	12.41	10.24	9.36	9.85	8.98	9.38	10.98	9.31	8.54	10.32	10.74	12.82
15	11.93	9.80	8.85	9.67	9.31	9.14	10.51	9.06	8.71	11.00	11.14	13.29
20	11.31	9.83	8.74	9.31	9.21	9.97	10.50	8.83	8.58	10.86	11.05	12.63
25	10.91	9.67	8.75	9.71	9.10	10.86	10.14	8.61	8.54	10.66	10.74	12.32
EOM	10.40	9.40	8.61	9.63	9.71	10.88	9.89	8.99	8.77	10.95	12.80	12.26
MEAN	11.77	9.94	8.97	9.35	9.41	9.93	10.58	9.09	8.64	10.29	11.16	12.77
MAX	12.99	10.48	9.43	10.11	9.81	11.03	11.10	9.81	9.00	11.01	12.80	13.45
MIN	10.40	9.40	8.53	8.50	8.98	9.04	9.89	8.56	8.25	8.76	10.63	12.24
CAL YR 1992	MEAN 10.66	MAX 14.83	MIN 7.78									
WTR YR 1993	MEAN 10.16	MAX 13.45	MIN 8.25									



LEE COUNTY

WELL NUMBER.--262022081464201. Local Number L 738.

LOCATION.--Lat 26°20'22", long 81°46'42", in SW1/4NE1/4 sec.35, T.47 S., R.25 E., Hydrologic Unit 03090204, at intersection of Felts and Childers Streets in Bonita Springs. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 75 ft, cased to 61 ft, open hole 61 to 75 ft. (Corrected).

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 9.16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.15 ft above land-surface datum.

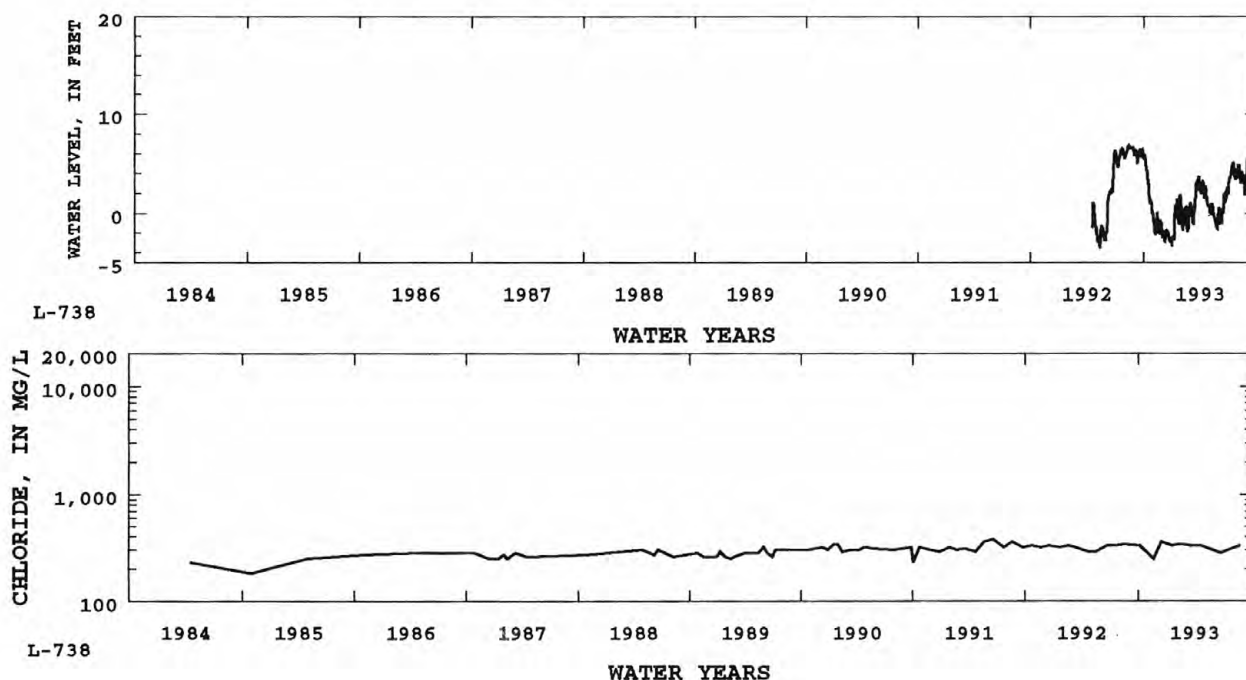
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--November 1968 to June 1973 (daily), July 1974 to March 1992 (monthly), April 1992 to current year. Records of water levels prior to October 1975 are in files of the U.S. Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 7.46 ft NGVD, Oct. 5, 1969; lowest measured, 5.51 ft below NGVD, Jan. 12, 1989.

STATION NUMBER 262022081464201 L - 738
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.94	-1.62	-2.13	-2.47	-1.20	.13	2.39	.19	.22	3.34	4.65	5.11
10	4.38	-2.09	-2.52	.51	-.98	-.89	3.05	.90	-.84	3.99	2.96	5.14
15	3.11	-.75	-2.16	.63	.35	.67	1.49	---	.42	5.06	3.63	5.01
20	1.31	-1.85	-2.25	-.07	-1.11	3.09	1.76	---	.98	4.35	3.69	4.29
25	1.10	-.69	-2.47	.15	-.12	3.04	.92	---	1.86	3.40	1.83	4.12
EOM	.08	-1.90	-3.34	.27	1.06	2.39	.83	.16	2.39	4.05	5.15	4.34
MEAN	2.94	-1.27	-2.42	-.27	-.61	1.39	2.00	---	.76	3.87	3.59	---
MAX	5.97	.11	-1.78	1.74	1.06	3.59	3.05	---	2.48	5.18	5.15	---
MIN	-.02	-2.16	-3.34	-2.71	-1.85	-1.15	.70	---	-.91	1.89	1.83	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262022081464202. Local Number L 2310.

LOCATION.--Lat 26°20'22", long 81°46'42", in SW1/4NE1/4 sec.35, T.47 S., R.25 E., Hydrologic Unit 03090205, at intersection of Felts Street and Childers Street at Bonita Springs Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 550 ft, cased to 396 ft, open hole 396 to 550 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 9.16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. reducer, 1.42 ft above land-surface datum. (Corrected).

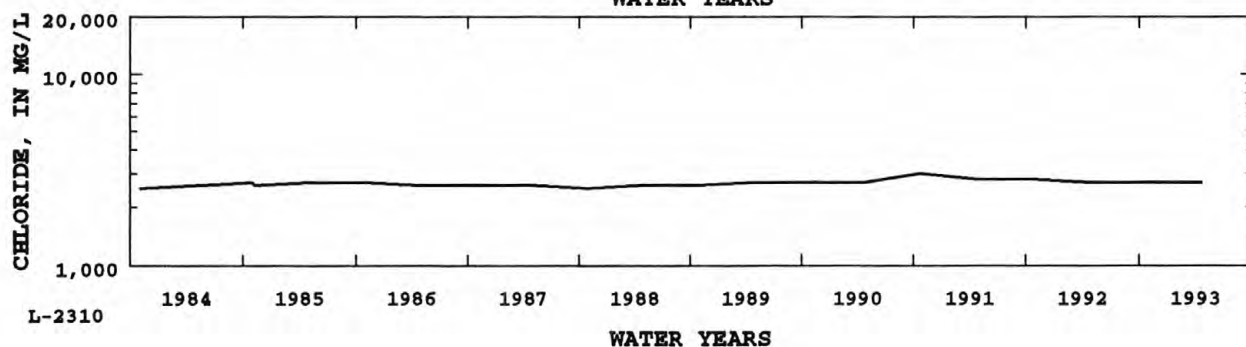
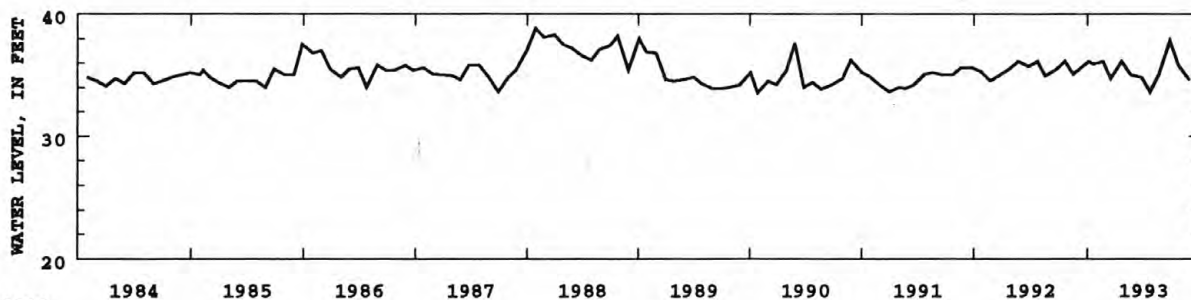
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1976 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.8 ft NGVD, Oct. 29, 1987; lowest measured, 33.2 ft NGVD, Apr. 30 and May 27, 1981.

262022081464202 - L -2310

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	AS	NGVD			DUCT-	AS	NGVD
(US/CM)	(MG/L)		CL)	(FEET)	(US/CM)	(MG/L)		CL)	(FEET)
OCT					APR				
05...	1330	--	--	36.10	20...	1330	8840	2700	33.60
19...	1355	9640	2700	35.90	MAY				
NOV					19...	1035	--	--	35.10
20...	1010	--	--	36.10	JUN				
DEC					24...	1020	--	--	37.80
16...	1225	--	--	34.70	JUL				
JAN					20...	1035	--	--	35.80
20...	1135	--	--	36.10	AUG				
FEB					25...	1030	--	--	34.60
17...	1040	--	--	35.00					
MAR									
25...	1150	--	--	34.80					



LEE COUNTY

WELL NUMBER.--262042081455001. Local Number L 1691.

LOCATION.--Lat 26°20'42", long 81°45'50", in NE1/4NW1/4 sec.36, T.47 S., R.25 E., Hydrologic Unit 03090204, at Bonita Springs Water Plant at East Terry Street and 1.4 mi east of Bonita Springs Post Office. Owner: Bonita Springs Water Co.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 69 ft, cased to 58 ft, open hole 58 to 69 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 12.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.99 ft above land-surface datum.

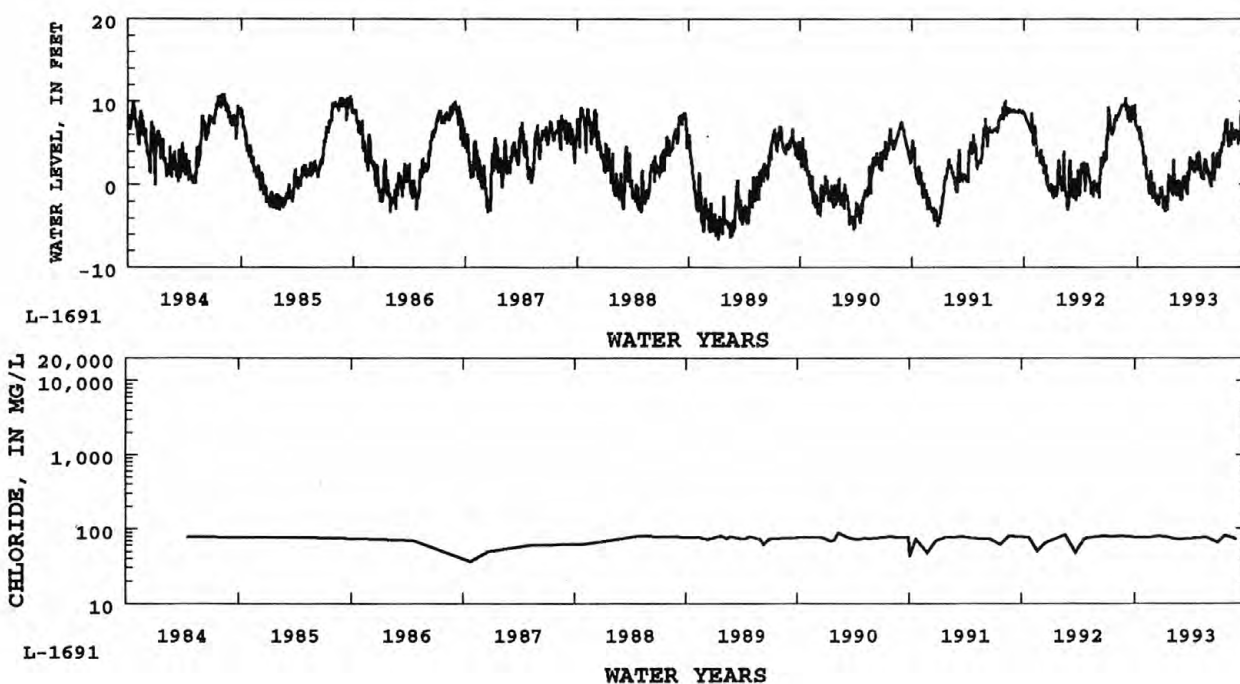
REMARKS.--Water levels affected by municipal pumping. Well also sampled for water quality.

PERIOD OF RECORD.--June 1973 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.92 ft NGVD, Aug. 16-17, 1974; lowest, 6.58 ft below NGVD, Jan. 7, 1989.

STATION NUMBER 262042081455001 L -1691
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	1.02	-2.37	-1.49	-.19	.10	2.50	2.02	1.14	5.08	5.86	8.72
10	5.39	-.96	-2.15	1.15	.50	-.79	2.86	2.97	2.08	6.32	5.64	7.49
15	4.82	.90	-1.48	.64	-.51	1.29	1.99	1.43	3.47	7.63	6.17	8.96
20	4.08	-1.72	-.96	-.50	-1.66	2.39	3.47	1.11	2.21	6.20	6.35	7.77
25	3.22	.09	-2.64	1.19	-.35	1.95	.93	.52	3.86	4.77	5.62	7.06
BOM	1.27	-1.39	-2.94	-.74	.99	1.80	1.31	2.05	4.37	5.71	8.14	7.36
MEAN	---	-.15	-1.92	-.22	-.45	1.15	2.24	1.31	2.81	5.81	6.07	7.86
MAX	---	1.60	-.42	2.95	.99	3.31	3.93	3.04	4.37	7.69	8.14	8.96
MIN	---	-1.72	-3.22	-3.22	-1.82	-1.20	.84	-.29	.51	4.48	4.85	6.17



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262102081464401. Local Number L 5722.

LOCATION.--Lat 26°21'02", long 81°46'44", in NW1/4SE1/4 sec.26, T.47 S., R.25 E., Hydrologic Unit 03090204, at the northeast corner of Rosemary and Business, U.S. Highway 41, 1.5 mi north of Bonita Springs Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 21 ft, cased to 11 ft, screened 11 to 21 ft with 0.020 slot.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

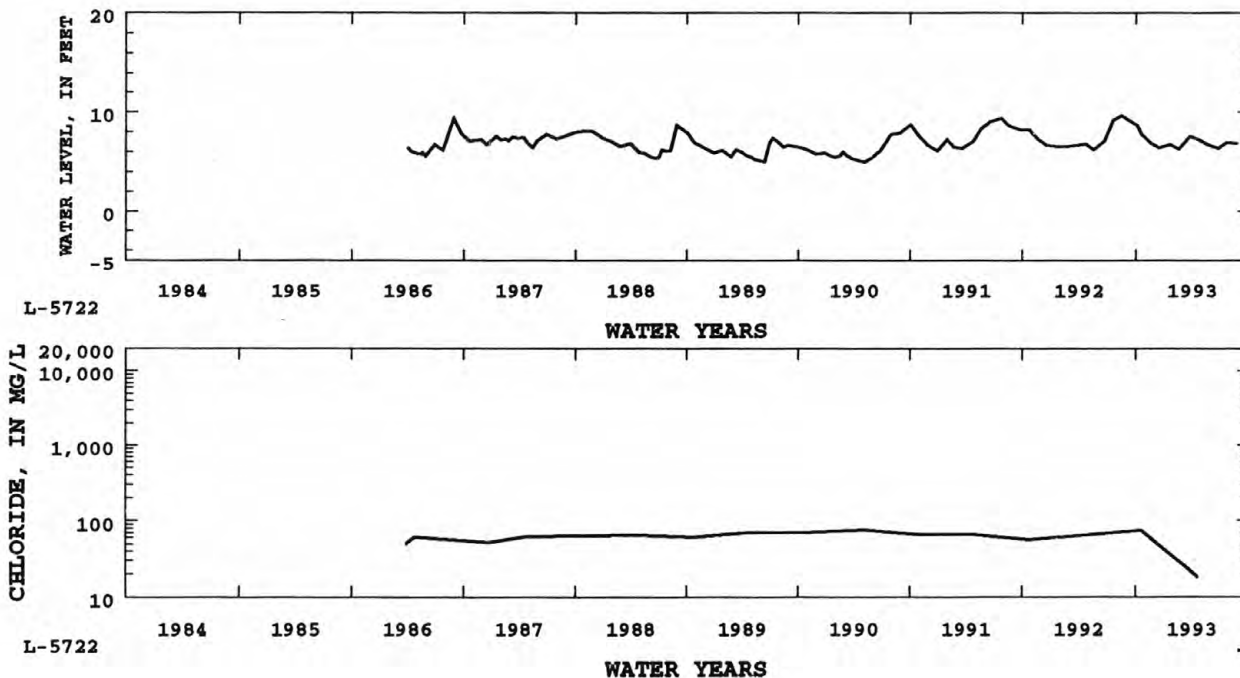
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.61 ft NGVD, Aug. 17, 1992; lowest measured, 4.94 ft NGVD, May 7, 1990.

262102081464401 - L -5722

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	1230	--	--	8.64	20...	1135	312	18	7.25
19...	1245	851	74	7.78	MAY				
NOV					19...	0950	--	--	6.73
20...	0910	--	--	6.84	JUN				
DEC					24...	0920	--	--	6.31
16...	1055	--	--	6.38	JUL				
JAN					20...	0900	--	--	6.90
20...	1030	--	--	6.69	AUG				
FEB					25...	0920	--	--	6.85
18...	0940	--	--	6.29					
MAR									
25...	1030	--	--	7.52					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

441

WELL NUMBER.--262102081464402. Local Number L 5723.

LOCATION.--Lat 26°21'02", long 81°46'44", in NW1/4SE1/4 sec. 26, T.47 S., R.25 E., Hydrologic Unit 03090204, at northeast corner of Rosemary and Business, U.S. Highway 41, 1.5 mi north of Bonita Springs Post Office. Owner: U.S. Geological Survey

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 140 ft, cased to 55 ft, open hole 55 to 140 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.74 ft above land-surface datum.

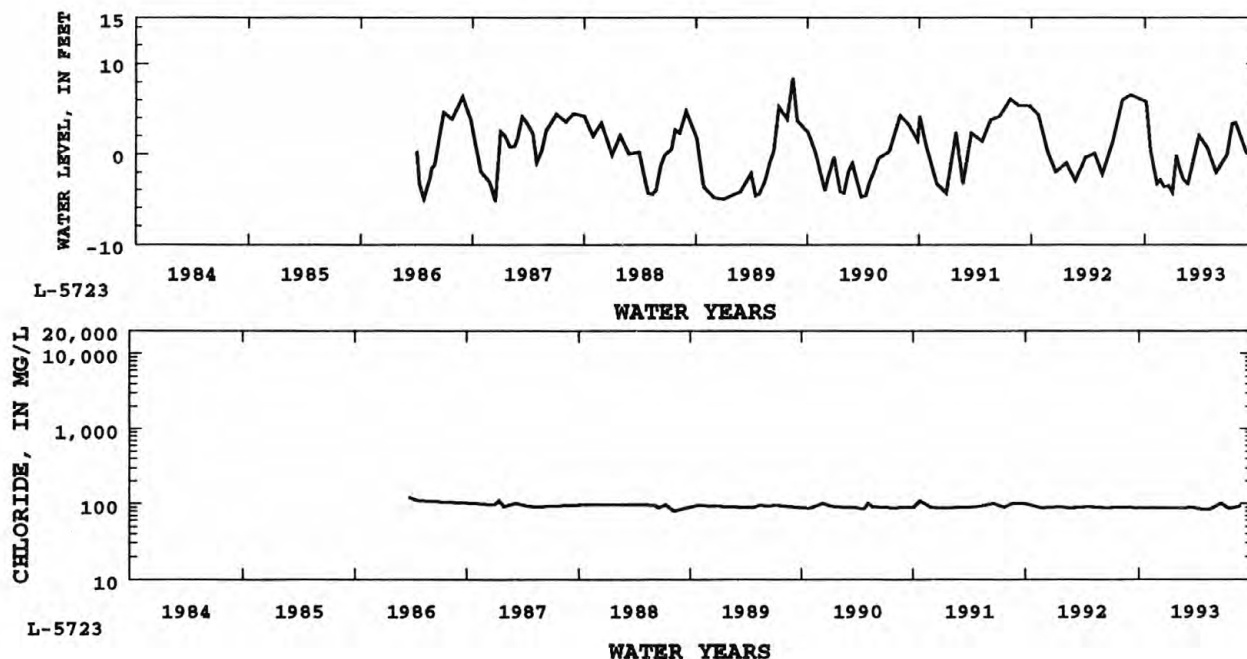
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.40 ft NGVD, Aug. 14, 1989; lowest measured, 5.33 ft below NGVD, Dec. 15, 1986.

262102081464402 - L -5723

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
05...	1235	870	88	5.79	25...	1020	862	90	2.03
19...	1240	871	89	0.32	APR				
NOV					20...	1130	862	84	0.70
09...	0850	--	--	-3.27	MAY				
20...	0905	856	88	-2.89	19...	0955	862	84	-2.06
DEC					JUN				
02...	1115	--	--	-3.64	24...	0920	860	100	-0.08
16...	1105	--	--	-3.50	JUL				
29...	1230	--	--	-4.27	09...	1245	--	--	3.34
JAN					20...	0855	893	86	3.51
11...	1405	--	--	-0.12	AUG				
20...	1030	858	88	-1.34	25...	0920	883	94	0.13
FEB									
03...	1150	860	88	-2.87					
18...	0930	863	88	-3.29					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262258081471801. Local Number L 5746.

LOCATION.--Lat 26°22'58", long 81°47'18", in NE1/4SE1/4 sec.15, T.47 S., R.25 E., Hydrologic Unit 03090204, 25 ft west of Stillwell and 50 ft north of Strike Lane, 1.3 mi east of old US 41, 3.5 mi north of Bonita Springs. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15 ft, cased to 10 ft, 5 ft of .020 slot screen.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.89 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.50 ft above land-surface datum.

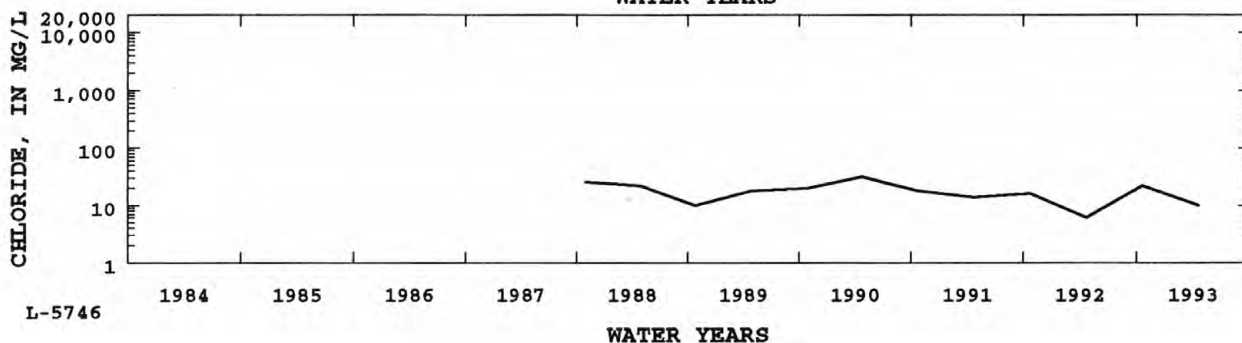
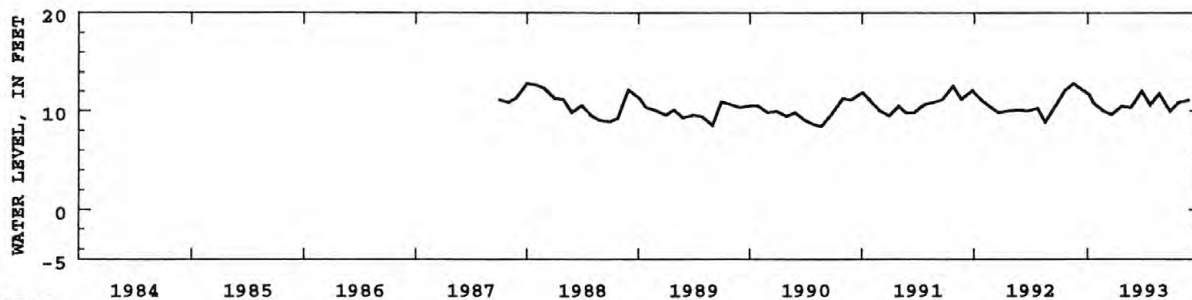
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.84 ft NGVD, Aug. 17, 1992; lowest measured, 8.51 ft NGVD, June 1, 1989.

262258081471801 - L -5746

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					APR				
05...	1140	--	--	11.68	20...	1125	461	10	10.62
19...	1150	531	22	10.78	MAY				
NOV					19...	0940	--	--	11.76
20...	0900	--	--	10.03	JUN				
DEC					24...	0900	--	--	9.96
16...	1035	--	--	9.62	JUL				
JAN					20...	0840	--	--	10.86
20...	1020	--	--	10.47	AUG				
FEB					25...	0910	--	--	11.11
18...	0930	--	--	10.34					
MAR									
25...	1010	--	--	12.05					



LEE COUNTY

WELL NUMBER.--262258081471802. Local Number L 5747.

LOCATION.--Lat 26°22'58", long 81°47'18", in NE1/4SE1/4 sec.15, T.47 S., R.25 E., Hydrologic Unit 03090204, 25 ft west of Stillwell and 50 ft north of Strike Lane, 1.3 mi east of old US 41, 3.5 mi north of Bonita Springs. Owner: U.S. Geological Survey.

AQUIFER.--Lower Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 105 ft, cased to 59 ft, 46 ft of open hole.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.89 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.77 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

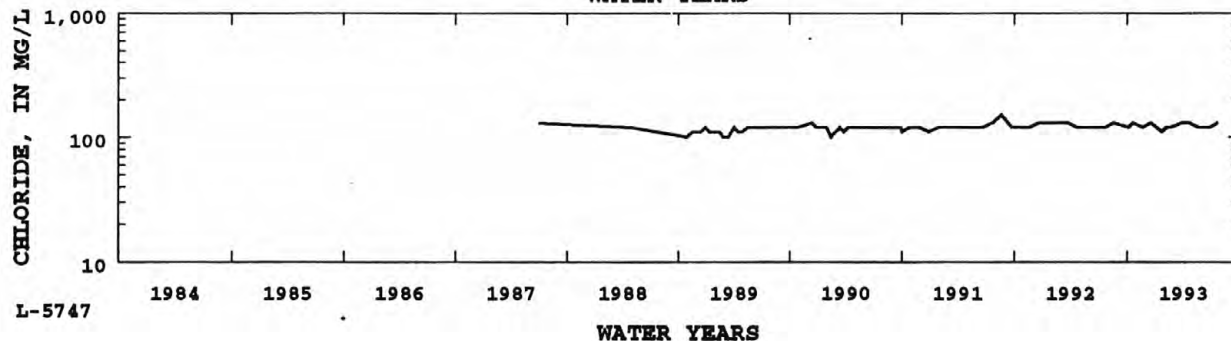
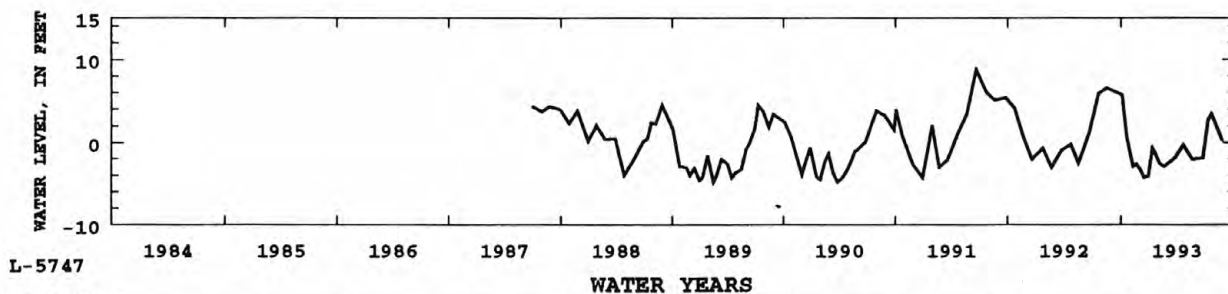
PERIOD OF RECORD.--July 1987 to current year. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.74 ft NGVD, June 20, 1991; lowest measured, 4.85 ft below NGVD, Mar. 26, 1990.

262258081471802 - L -5747

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					MAR				
05...	1140	980	120	5.69	25...	1010	964	130	-1.91
19...	1150	961	130	0.67	APR				
NOV					20...	1115	968	130	-0.28
09...	0840	--	--	-2.98	MAY				
20...	0955	918	120	-2.66	19...	0935	971	120	-2.03
DEC					JUN				
02...	1120	--	--	-3.33	24...	0910	968	120	-1.92
16...	1050	982	130	-4.31	JUL				
29...	1245	--	--	-4.13	09...	1250	--	--	2.70
JAN					20...	0840	969	130	3.45
11...	1415	--	--	-0.65	AUG				
20...	1020	931	110	-1.25	25...	0905	--	--	0.24
FEB									
03...	1205	917	120	-2.56					
18...	0930	950	120	-2.97					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262351081485401. Local Number L 5730.

LOCATION.--Lat 26°23'51", long 81°48'54", in NE1/4SW1/4 sec.9, T.47 S., R.25 E., Hydrologic Unit 03090204, 100 ft south of Coconut Road, .3 mi west of US 41, 5 mi north of Bonita Springs. Owner: Bonita Bay.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 40 ft, cased to 27 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.67 ft above land-surface datum.

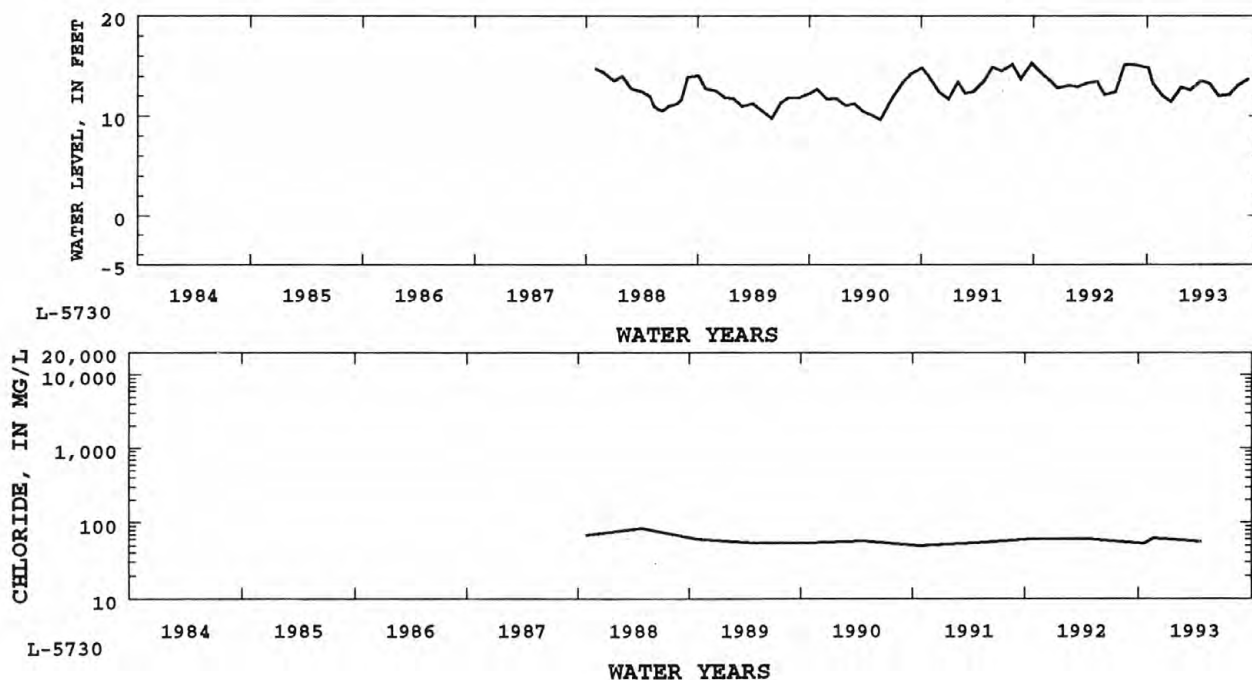
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1987 to current year. Records of water levels prior to October 1987 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.24 ft NGVD, Sept. 24, 1991; lowest measured, 9.77 ft NGVD, June 1, 1989.

262351081485401 - L -5730

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1120	--	--	14.79	20...	1040	647	56	13.25
19...	1100	650	53	13.27	MAY				
NOV					19...	0930	--	--	12.00
20...	0830	521	62	12.02	JUN				
DEC					24...	0900	--	--	12.15
16...	1025	--	--	11.45	JUL				
JAN					20...	0825	--	--	13.04
20...	1005	--	--	12.87	AUG				
FEB					25...	0855	--	--	13.73
18...	0910	--	--	12.62					
MAR									
25...	0955	--	--	13.50					



LEE COUNTY

WELL NUMBER.--262351081485402. Local Number L 5731.

LOCATION.--Lat 26°23'51", long 81°48'54", in NE1/4SW1/4 sec.9, T.47 S., R.25 E., Hydrologic Unit 03090204, 100 ft south of Coconut Road, .3 mi west of US 41, 5 mi north of Bonita Springs. Owner: Bonita Bay.

AQUIFER.--Tamiami aquifer of the Miocene Age, Geologic Unit 122 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 120 ft, cased to 90 ft, 30 ft of open hole

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.11 ft above land-surface datum.

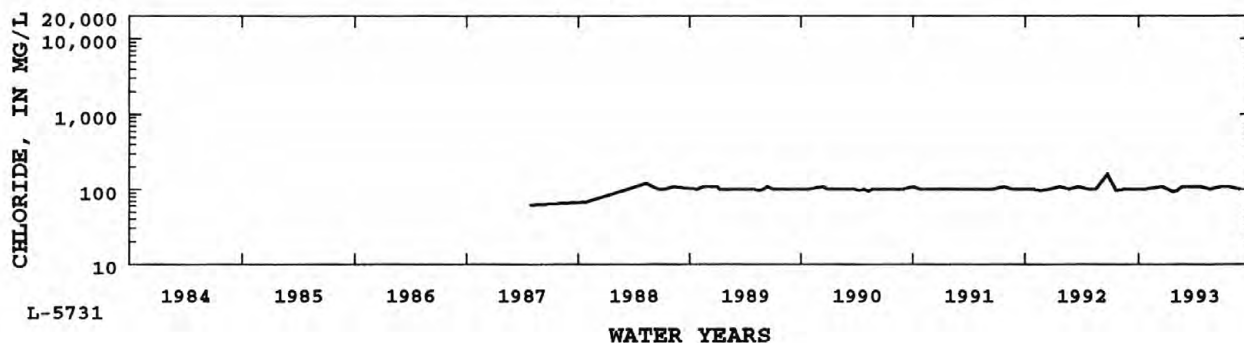
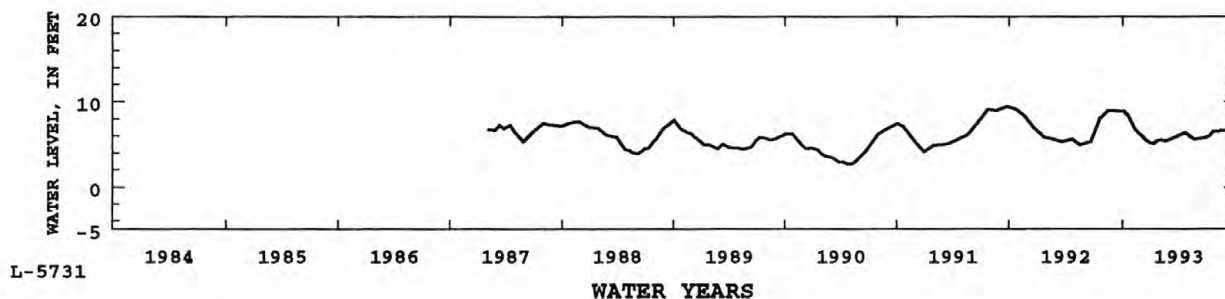
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1987 to current year. Records of water levels prior to October 1987 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.37 ft NGVD, Sept. 24, 1991; lowest measured, 2.71 ft NGVD, May 7, 1990.

262351081485402 - L -5731

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-	ABOVE			CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
		ANCE	(MG/L	(FEET)			ANCE	(MG/L	(FEET)
		(US/CM)	AS CL)				(US/CM)	AS CL)	
OCT					MAR				
05...	1120	810	100	8.85	25...	1000	831	110	5.96
19...	1120	827	100	8.36	APR				
NOV					20...	1050	831	110	6.37
09...	0830	--	--	6.84	MAY				
20...	0830	--	--	6.39	19...	0930	827	100	5.65
DEC					JUN				
02...	1145	--	--	6.04	24...	0835	824	110	5.77
16...	1025	827	110	5.59	JUL				
29...	1320	--	--	5.16	09...	1300	--	--	6.00
JAN					20...	0825	828	110	6.54
11...	1430	--	--	5.09	AUG				
20...	1005	798	94	5.42	25...	0850	830	100	--
FEB					SEP				
03...	1230	818	98	5.55	02...	1230	--	--	6.62
18...	0910	836	110	5.44					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262435081535001. Local Number L 1635.

LOCATION.--Lat 26°24'35", long 81°53'50", in NE1/4SW1/4 sec.3, T.47 S., R.24 E., Hydrologic Unit 03090204, at Bay Beach, 120 ft north of Golf shop, and 4.5 mi southeast of Fort Myers Beach Post Office. Owner: Bay Beach Corporation.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 620 ft, cased to 360 ft, open hole 360 to 620 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 3.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of valve, 1.20 ft above land-surface datum.

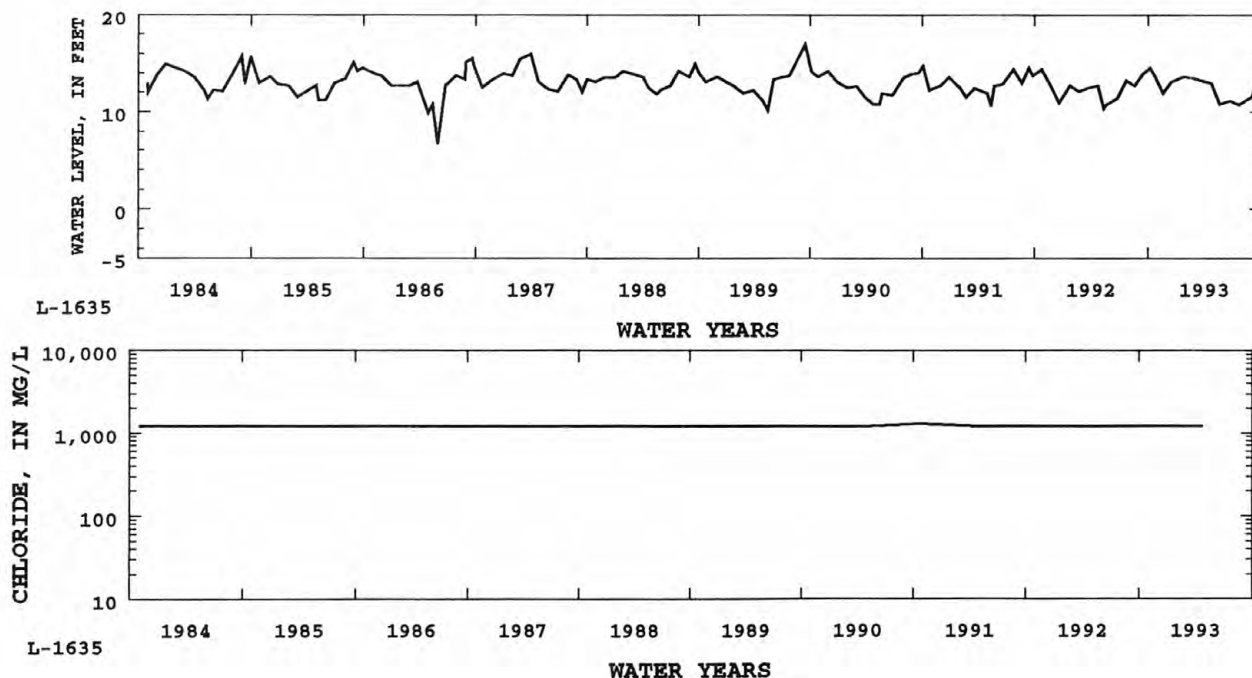
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--February 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.7 ft NGVD, Sept. 27, 1979; lowest measured, 6.7 ft NGVD, May 30, 1986.

262435081535001 - L -1635

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1100	--	--	14.50	22...	1510	4540	1200	12.90
21...	1205	4500	1200	13.70	MAY				
NOV					19...	1050	--	--	10.80
18...	1140	--	--	11.90	JUN				
DEC					21...	1235	--	--	11.10
14...	1150	--	--	13.10	JUL				
JAN					21...	1225	--	--	10.70
21...	1530	--	--	13.60	SEP				
FEB					01...	1355	--	--	11.60
17...	1600	--	--	13.50	13...	1145	--	--	12.90
MAR									
23...	1220	--	--	13.20					



LEE COUNTY

WELL NUMBER.--262435081535101. Local Number L 1634.

LOCATION.--Lat 26°24'35", long 81°53'51", in NE1/4SW1/4 sec.3, T.47 S., R.24 E., Hydrologic Unit 03090204, at Bay Beach 100 ft north of Golf Shop, and 4.5 mi southeast of Fort Myers Beach Post Office. Owner: Bay Beach Corporation.

AQUIFER.--Suwannee aquifer of the Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 950 ft, cased to 740 ft, open hole 740 to 950 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 3.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of elbow, 2.60 ft above land-surface datum.

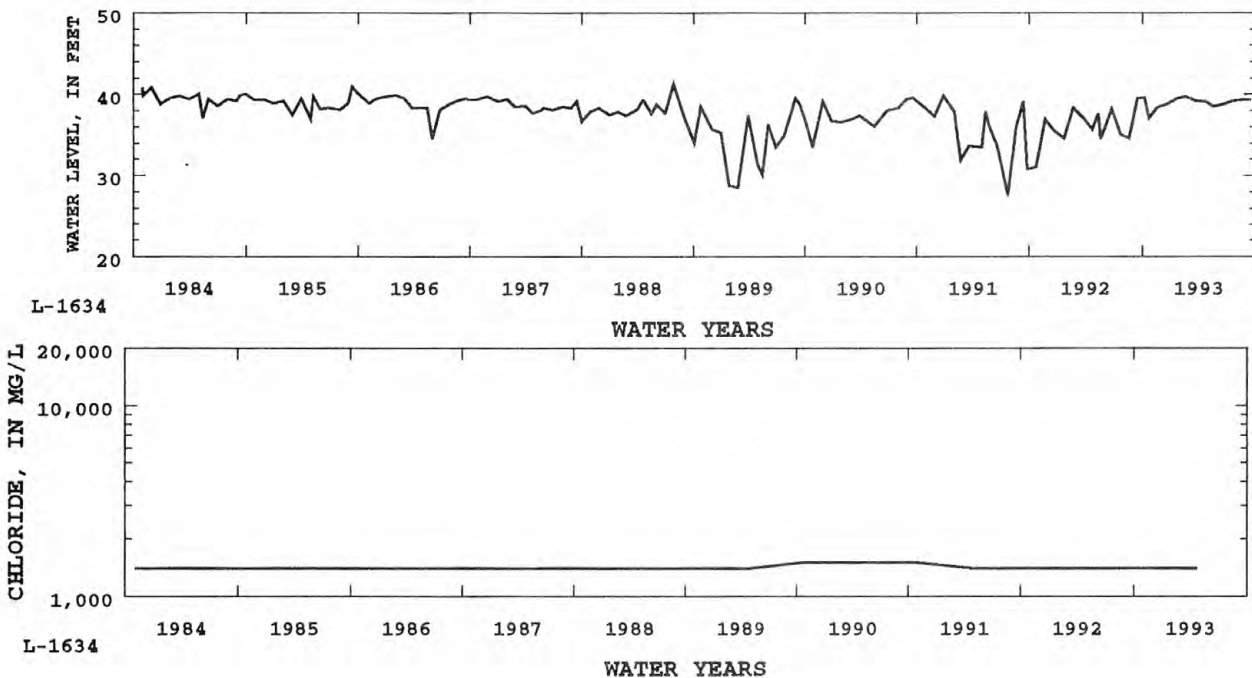
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 41.3 ft NGVD, July 27, 1988; lowest measured, 27.6 ft NGVD, July 23, 1991.

262435081535101 - L -1634

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
			AS CL)	(FEET)				AS CL)	(FEET)
OCT					APR				
07...	1055	--	--	39.60	22...	1450	4830	1400	39.10
21...	1200	4770	1400	37.10	MAY				
NOV					19...	1045	--	--	38.50
18...	1130	--	--	38.40	JUN				
DEC					21...	1230	--	--	38.80
14...	1150	--	--	38.70	JUL				
JAN					21...	1225	--	--	39.20
21...	1515	--	--	39.50	AUG				
FEB					21...	1430	--	--	39.30
17...	1605	--	--	39.70	SEP				
MAR					14...	1030	--	--	39.30
23...	1315	--	--	39.20					



LEE COUNTY

WELL NUMBER.--262511081471801. Local Number L 5669.

LOCATION.--Lat 26°25'11", long 81°47'18", in NW1/4NW1/4 sec.2, T.46 S., R.25 E., Hydrologic Unit 03090204, on River Ranch Road, 1 mi west of I-75 and 1.5 mi south of Corkscrew Road, 2.5 mi southeast of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 30 ft, cased to 23 ft, open hole 23 to 30 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.62 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. threaded PVC casing, 2.68 ft above land-surface datum.

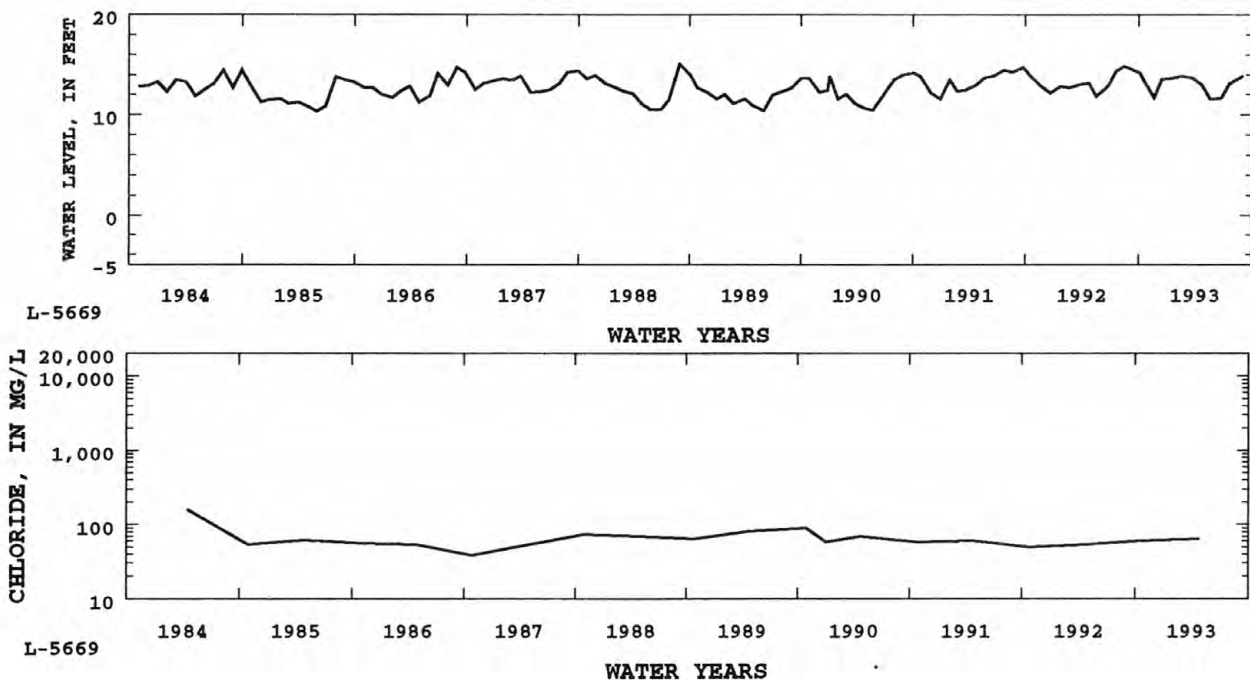
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--November 1982 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.00 ft NGVD, Aug. 29, 1988; lowest measured, 10.32 ft NGVD, May 30, 1985.

262511081471801 - L -5669

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0930	--	--	14.15	23...	1110	724	64	12.91
20...	1130	727	60	13.23	MAY				
NOV					19...	1525	--	--	11.55
20...	1320	--	--	11.73	JUN				
DEC					24...	1330	--	--	11.62
16...	1440	--	--	13.55	JUL				
JAN					20...	1310	--	--	13.06
20...	1520	--	--	13.62	SEP				
FEB					01...	1320	--	--	13.88
18...	1550	--	--	13.83					
MAR									
25...	1710	--	--	13.68					



LEE COUNTY

WELL NUMBER.--262513081471802. Local Number L 5668.

LOCATION.--Lat 26°25'11", long 81°47'18", in NW1/4NW1/4 sec.2, T.46 S., R.25 E., Hydrologic Unit 03090204, on River Ranch Road, 1 mi west of I-75 and 1.5 mi south of Corkscrew Road, 2.5 mi southeast of Estero Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 155 ft, cased to 106 ft, open hole 106 to 155 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.62 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. threaded PVC casing, 2.85 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

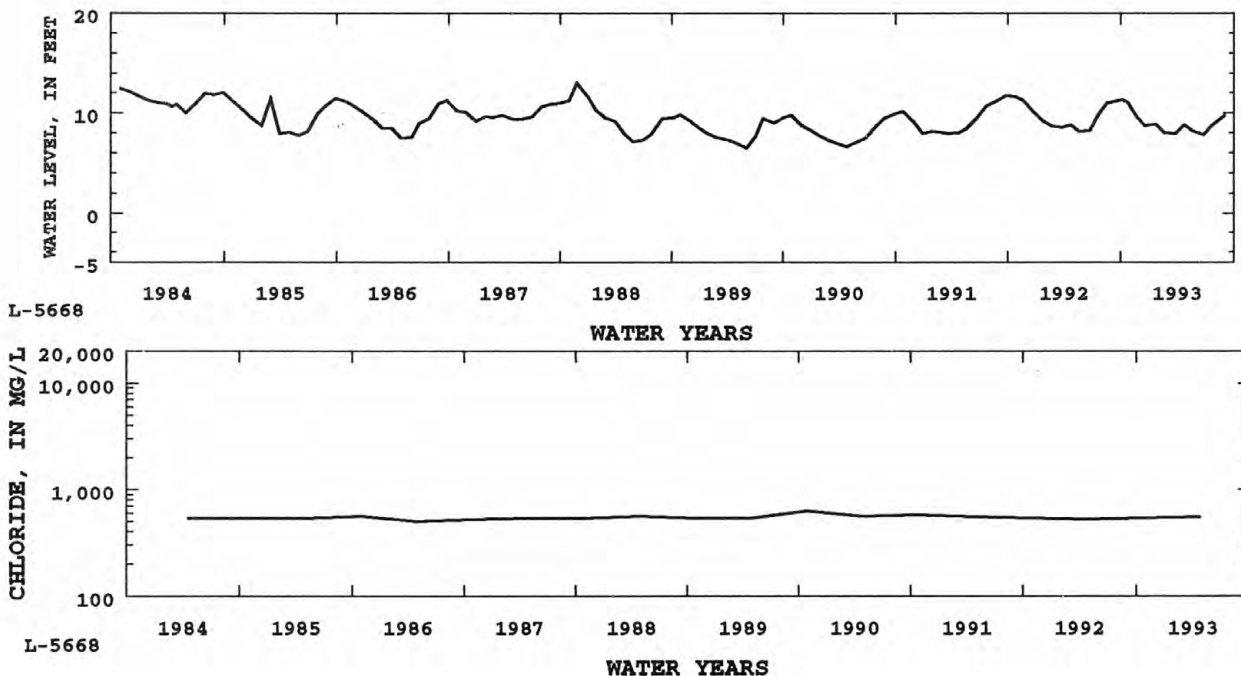
PERIOD OF RECORD.--November 1982 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.00 ft NGVD, Nov. 24, 1987; lowest measured, 6.43 ft NGVD, June 1, 1989.

262513081471802 - L -5668

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	0930	--	--	11.32	23...	1105	2190	550	8.78
20...	1125	2210	540	11.10	MAY				
NOV					19...	1525	--	--	8.22
20...	1320	--	--	9.69	JUN				
DEC					24...	1330	--	--	7.81
16...	1445	--	--	8.69	JUL				
JAN					20...	1310	--	--	8.74
20...	1525	--	--	8.83	SEP				
FEB					01...	1325	--	--	9.76
18...	1550	--	--	8.02					
MAR									
25...	1710	--	--	7.94					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262514081393401. Local Number L 5665.

LOCATION.--Lat 26°25'14", long 81°39'34", in SE1/4SE1/4 sec.36, T.46 S., R.26 E., Hydrologic Unit 03090204, on 6-L Ranch Road, 6 mi east of I-75 and 2 mi south of Corkscrew Road, 8 mi southeast of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 37 ft, cased to 32 ft, screen 32 to 37 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.20 ft above National Geodetic Vertical Datum of 1929. Prior to October 1991 land-surface datum was considered to be 20.0 ft NGVD. Measuring point: Top of threaded coupling, 2.60 ft above land-surface datum. See PERIOD OF RECORD.

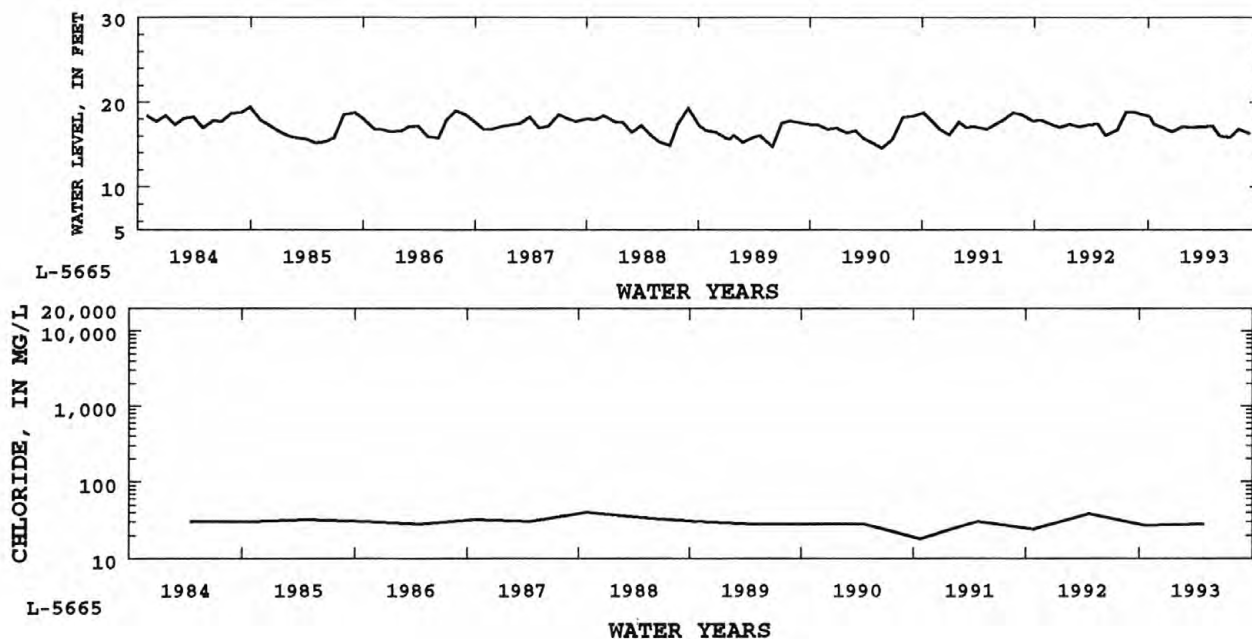
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--November 1982 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey. The figures of water levels, as elevation in feet NGVD, prior to October 1991 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.43 ft NGVD, Aug. 31, 1983; lowest measured, 14.59 ft NGVD, May 23, 1990.

262514081393401 - L -5665

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	(US/CM)	CON-	DIS-	ABOVE	ANCE	(US/CM)	CON-	DIS-	ABOVE
		DUCT-	SOLVED	(FEET)			DUCT-	SOLVED	(FEET)
OCT			(MG/L)	NGVD	APR			(MG/L)	NGVD
05...	1045	--	--	18.27	27...	1020	551	28	17.20
20...	1355	553	27	17.42	MAY				
NOV					19...	1505	--	--	15.98
20...	1450	--	--	16.94	JUN				
DEC					21...	1435	--	--	15.81
16...	1550	--	--	16.47	JUL				
JAN					20...	1425	--	--	16.79
20...	1505	--	--	17.08	AUG				
FEB					25...	1415	--	--	16.26
18...	1520	--	--	17.01					
MAR									
25...	1655	--	--	17.08					



LEE COUNTY

WELL NUMBER.--262514081393402. Local Number L 5664.

LOCATION.--Lat 26°25'14", long 81°39'34", in SE1/4SE1/4 sec.36, T.46 S., R.26 E., Hydrologic Unit 03090204, on 6-L Ranch Road, 6 mi east of I-75, and 2 mi south of Corkscrew Road, 8 mi southeast of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 300 ft, cased to 180 ft, open hole 180 to 300 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.20 ft above National Geodetic Vertical Datum of 1929. Prior to October 1991 land-surface datum was considered to be 20.0 ft NGVD. Measuring point: Top of threaded coupling, 2.92 ft above land-surface datum. See PERIOD OF RECORD.

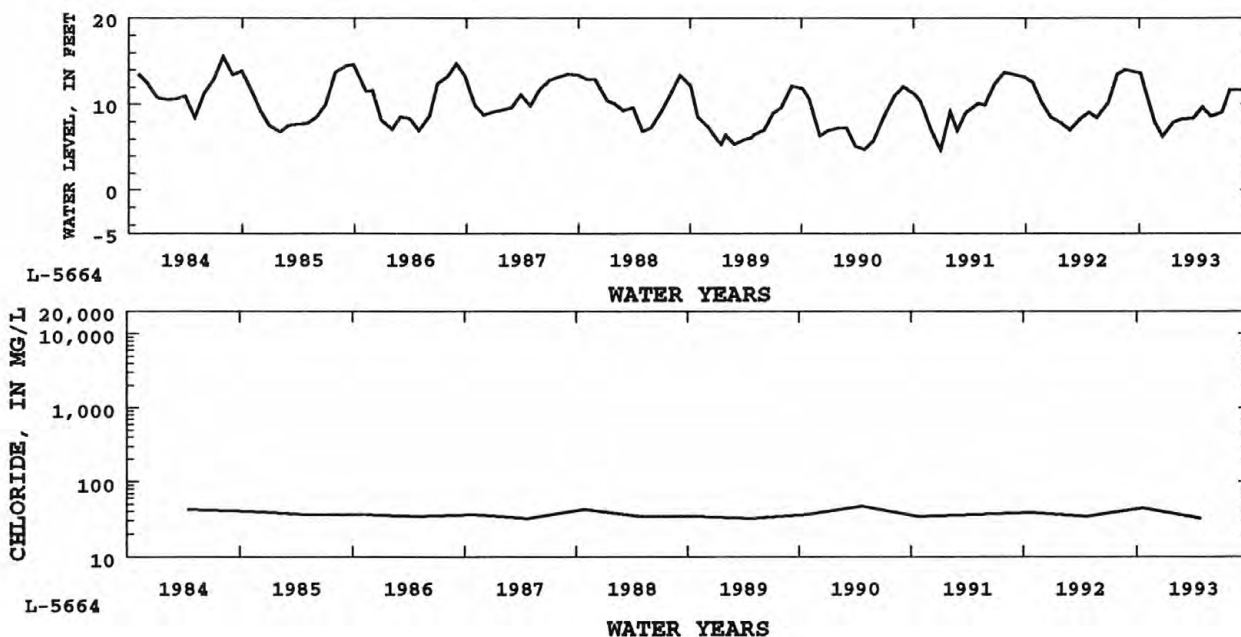
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--November 1982 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey. The figures of water levels, as elevation in feet NGVD, prior to October 1991 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.55 ft NGVD, July 31, 1989; lowest measured, 4.68 ft NGVD, Dec. 28, 1990.

262514081393402 - L -5664

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
		CON-	DIS-	ABOVE			CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
		ANCE	(MG/L	(FEET)			ANCE	(MG/L	(FEET)
		(US/CM)	AS CL)				(US/CM)	AS CL)	
OCT					APR				
06...	1045	--	--	13.64	23...	1020	625	32	9.68
20...	1350	625	44	11.79	MAY				
NOV					19...	1500	--	--	8.63
20...	1450	--	--	7.94	JUN				
DEC					24...	1430	--	--	9.08
16...	1550	--	--	6.24	JUL				
JAN					20...	1425	--	--	11.70
20...	1500	--	--	7.95	AUG				
FEB					25...	1410	--	--	11.68
18...	1520	--	--	8.28					
MAR									
25...	1650	--	--	8.35					



LEE COUNTY

WELL NUMBER.--262538082045701. Local Number L 588.

LOCATION.--Lat 26°25'38", long 82°04'57", in NE1/4NW1/4 sec.35, T.46 S., R.22 E., Hydrologic Unit 03100103, 15 ft south of observation tower at Ding Darling Wildlife Refuge-Bailey Tract and 0.7 mi south of Sanibel Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 557 ft, cased to 403 ft, open hole 403 to 557 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 2.69 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. elbow, 1.90 ft above land-surface datum.

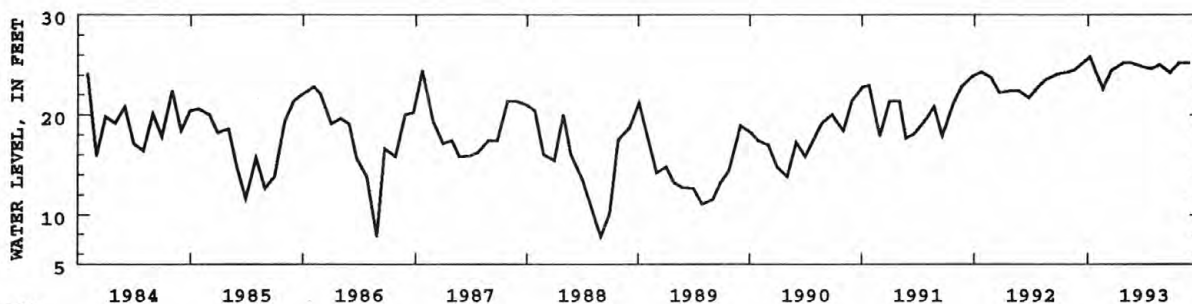
REMARKS.--Water levels affected by nearby pumping wells. Well also sampled for water quality.

PERIOD OF RECORD.--January 1964 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

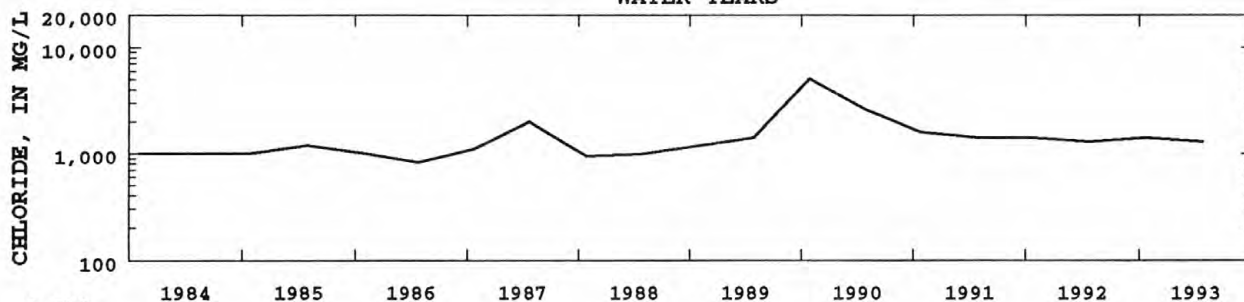
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.80 ft NGVD, Oct. 7, 1992; lowest measured, 4.6 ft NGVD, Apr. 18, 1977.

262538082045701 - L - 588

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	AS	CL)	NGVD	(US/CM)	(MG/L	AS	CL)	NGVD
(FEET)					(FEET)				
OCT					APR				
07...	0835	--	--	25.80	23...	0950	4350	1300	24.60
21...	0925	4400	1400	24.60	MAY				
NOV					19...	0800	--	--	25.00
18...	0830	--	--	22.60	JUN				
DEC					21...	0910	--	--	24.20
14...	0840	--	--	24.40	JUL				
JAN					21...	0845	--	--	25.20
22...	0945	--	--	25.20	AUG				
FEB					23...	1145	--	--	25.20
17...	0815	--	--	25.20					
MAR									
24...	0815	--	--	24.80					



L-588



L-588

LEE COUNTY

WELL NUMBER.--262547082051201. Local Number L 590.

LOCATION.--Lat 26°25'48", long 82°05'10", in SW1/4SW1/4 sec.26, T.46 S., R.26 E., Hydrologic Unit 03100103, in the Ding Darling Wildlife Refuge Bailey Tract and 0.7 mi south of Sanibel Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 620 ft, cased to 464 ft, open hole 464 to 620 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface is 3.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. elbow, 1.50 ft above land-surface datum.

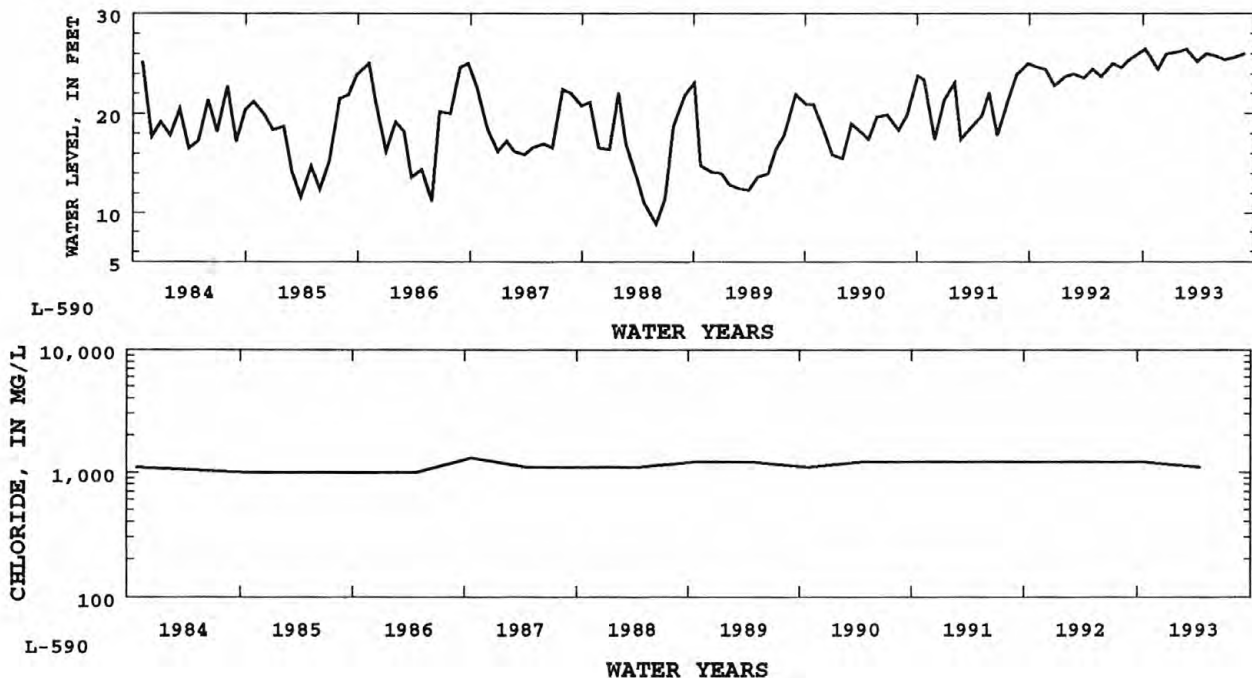
REMARKS.--Water levels affected by nearby pumping. Well also sampled for water quality.

PERIOD OF RECORD.--January 1964 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.4 ft NGVD, Oct. 7, 1992 and Feb. 17, 1993; lowest measured, 7.9 ft NGVD, Apr. 18, 1977.

262547082051201 - L - 590

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	0830	--	--	26.40	23...	1005	3710	1100	26.00
21...	0910	3730	1200	25.80	MAY				
NOV					19...	0810	--	--	25.80
18...	0845	--	--	24.40	JUN				
DEC					21...	0950	--	--	25.40
14...	0850	--	--	26.00	JUL				
JAN					21...	0840	--	--	25.60
22...	1000	--	--	26.20	AUG				
FEB					24...	1150	--	--	26.00
17...	0830	--	--	26.40					
MAR									
24...	0830	--	--	25.20					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262549082035301. Local Number L 1403.

LOCATION.--Lat 26°25'49", long 82°03'53", in NW1/4SE1/4 sec.25, T.46 S., R.22 E., Hydrologic Unit 03100103, 0.9 mi south of intersection of Periwinkle Way and Casa Ybel Road and 1.1 mi southeast of Sanibel Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 12 ft, cased to 3.0 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.08 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.50 ft above land-surface datum.

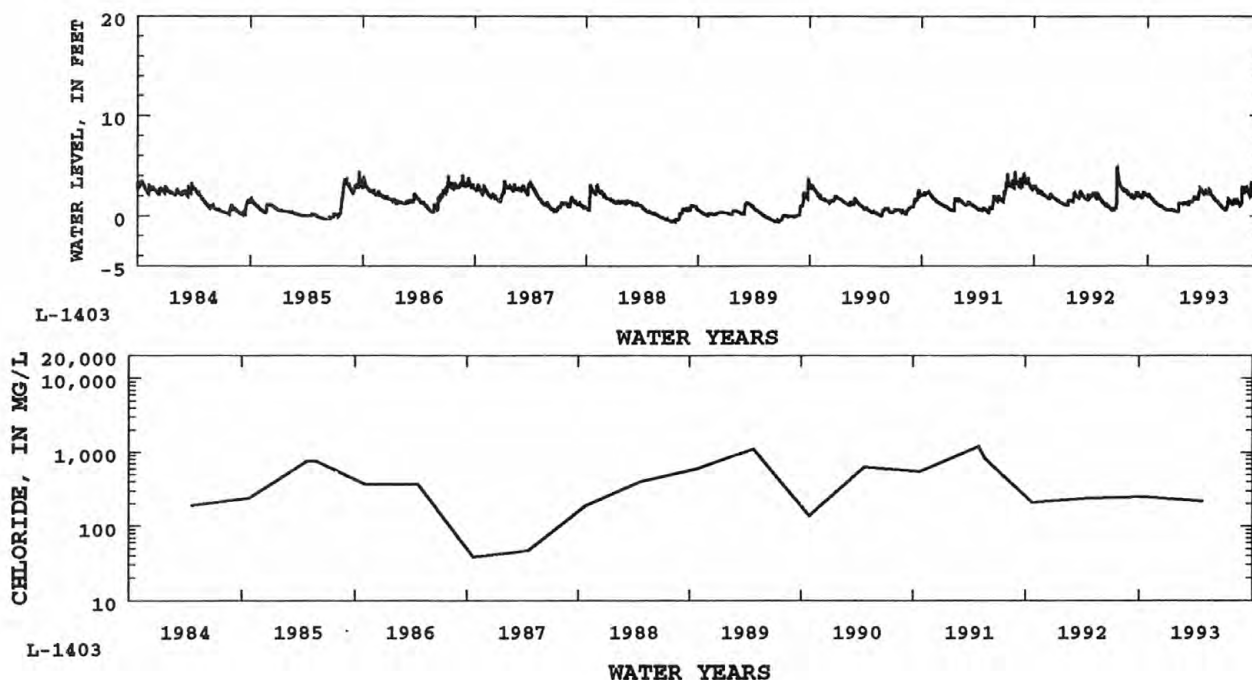
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--February 1971 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.75 ft NGVD, June 26, 1992; lowest, 0.62 ft below NGVD, June 17, 1989.

STATION NUMBER 262549082035301 L -1403
 ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
 DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.13	1.06	.57	.38	1.14	1.73	2.46	1.58	.60	1.42	2.46	2.74
10	1.83	.96	.60	1.18	1.06	1.61	2.31	1.46	.47	1.28	2.77	2.80
15	1.64	.88	.62	1.18	1.40	2.20	2.08	1.30	1.21	1.54	2.30	2.45
20	1.46	.76	.53	1.23	1.34	2.63	2.29	1.14	1.49	1.21	2.33	2.48
25	1.30	.69	.49	1.11	1.55	2.34	1.96	.95	1.29	1.02	1.99	2.18
EOM	1.15	.62	.43	1.29	1.83	2.11	1.77	.76	1.09	2.67	3.35	2.26
MEAN	1.62	.87	.55	1.01	1.34	2.11	2.19	1.25	1.01	1.33	2.48	2.54
MAX	2.13	1.13	.65	1.29	1.83	2.73	2.56	1.73	1.57	2.67	3.37	3.13
MIN	1.15	.62	.43	.37	1.05	1.54	1.77	.76	.47	1.02	1.87	2.12
CAL YR 1992	MEAN 1.62	MAX 4.75	MIN .43									
WTR YR 1993	MEAN 1.52	MAX 3.37	MIN .37									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

455

WELL NUMBER.--262552081485701. Local Number L 741.

LOCATION.--Lat 26°25'52", long 81°48'57", in NE1/4NW1/4 sec.33, T.46 S., R.25 E., Hydrologic Unit 03090204, at entrance to Koreshan State Park, 0.3 mi west of U.S. Highway 41, and 2.1 mi southeast of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 119 ft, cased to 102 ft, open hole 102 to 119 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.89 ft above land-surface datum.

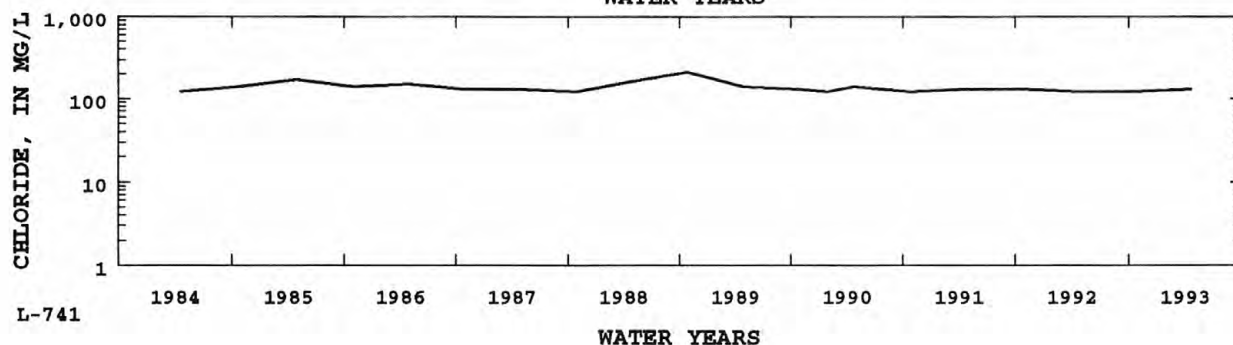
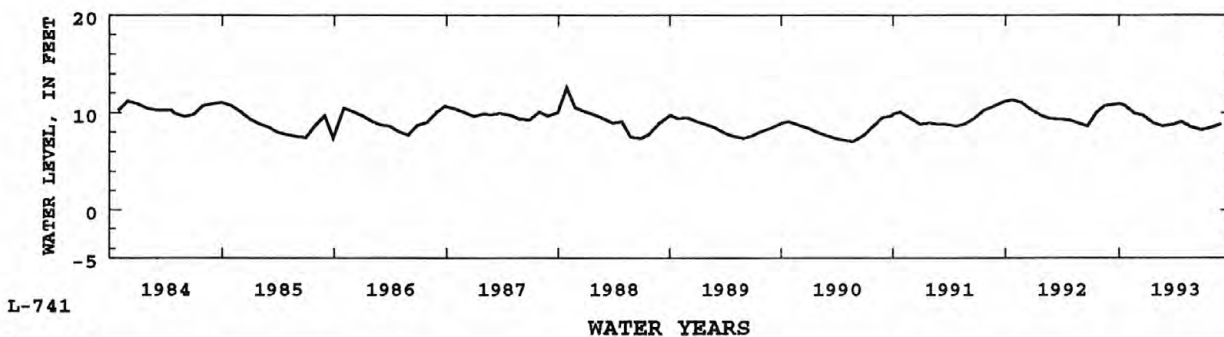
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1968 to December 1974 (bimonthly), January 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 12.99 ft NGVD, Oct. 30, 1969; lowest measured, 6.95 ft NGVD, May 8, 1982.

262552081485701 - L - 741

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0920	--	--	10.91	20...	1020	674	130	9.06
19...	1025	660	120	10.73	MAY				
NOV					19...	0920	--	--	8.56
20...	0815	--	--	9.93	JUN				
DEC					24...	0840	--	--	8.20
16...	1005	--	--	9.75	JUL				
JAN					20...	0810	--	--	8.43
20...	0945	--	--	8.95	AUG				
FEB					25...	0840	--	--	8.82
18...	0850	--	--	8.63					
MAR									
25...	0940	--	--	8.82					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262552081485702. Local Number L 2295.

LOCATION.--Lat 26°25'52", long 81°48'57", in NE1/4NW1/4 sec.33, T.46 S., R.25 E., Hydrologic Unit 03090204, at entrance to Koreshan State Park, 0.3 mi west of U.S. Highway 41, and 2.1 mi southeast of Estero Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 610 ft, cased to 300 ft, open hole 300 to 610 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 15.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.30 ft above land-surface datum.

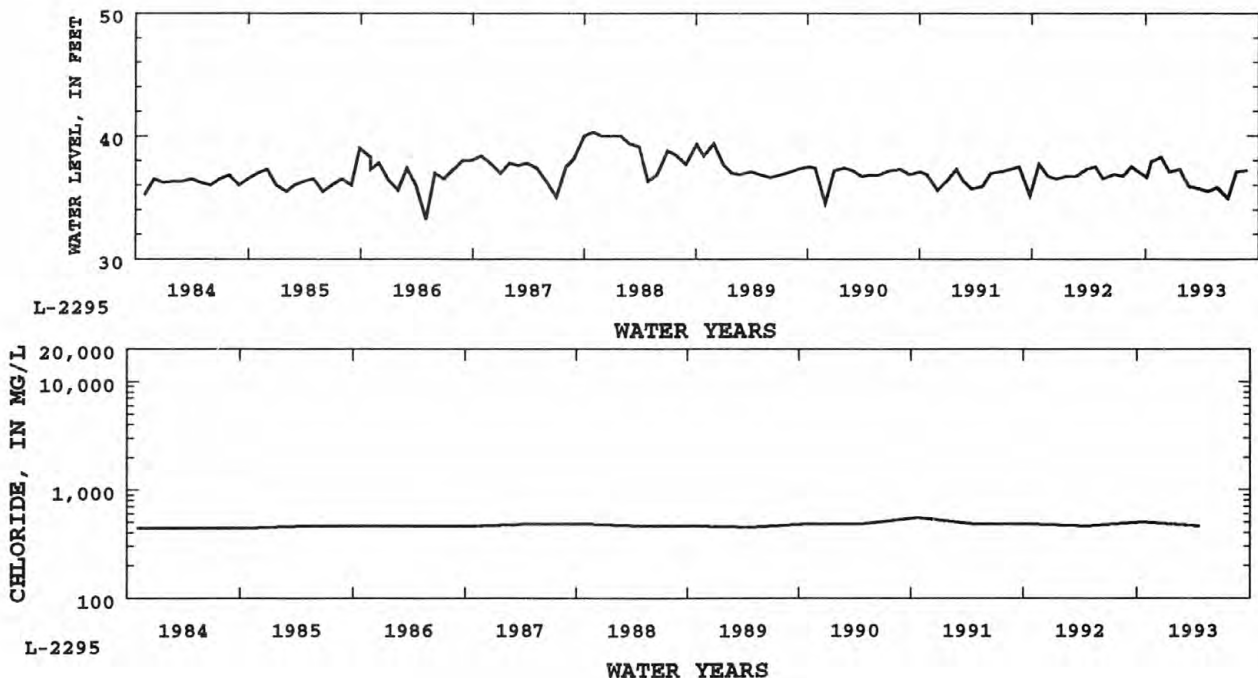
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--July 1976 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 40.3 ft NGVD, Oct. 29, 1987; lowest measured, 31.8 ft NGVD, July 29, 1976.

262552081485702 - L -2295

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	0915	--	--	36.60	20...	1030	2410	460	35.50
20...	1030	2420	500	37.90	MAY				
NOV					19...	0920	--	--	35.80
20...	0815	--	--	38.30	JUN				
DEC					24...	0840	--	--	34.90
16...	1005	--	--	37.10	JUL				
JAN					20...	0820	--	--	37.10
20...	0940	--	--	37.30	AUG				
FEB					25...	0845	--	--	37.20
18...	0855	--	--	35.90					
MAR									
25...	0940	--	--	35.70					



LEE COUNTY

WELL NUMBER.--262552081485703. Local Number L 2308.

LOCATION.--Lat 26°25'52", long 81°48'57", in NE1/4NW1/4 sec.33, T.46 S., R.25 E., Hydrologic Unit 03090204, at entrance to Koreshan State Park, 0.3 mi west of U.S. Highway 41, and 2.1 mi southeast of Estero Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 13.5 ft, cased to 12 ft, open hole 12 to 13.5 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

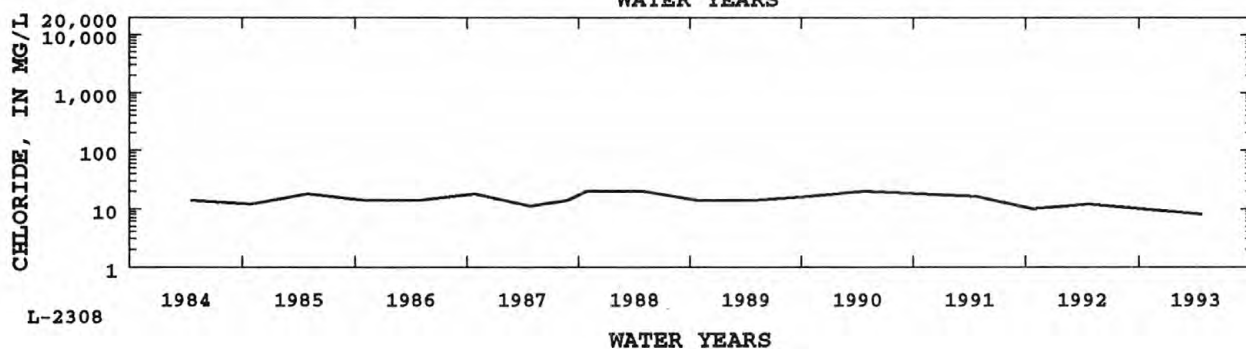
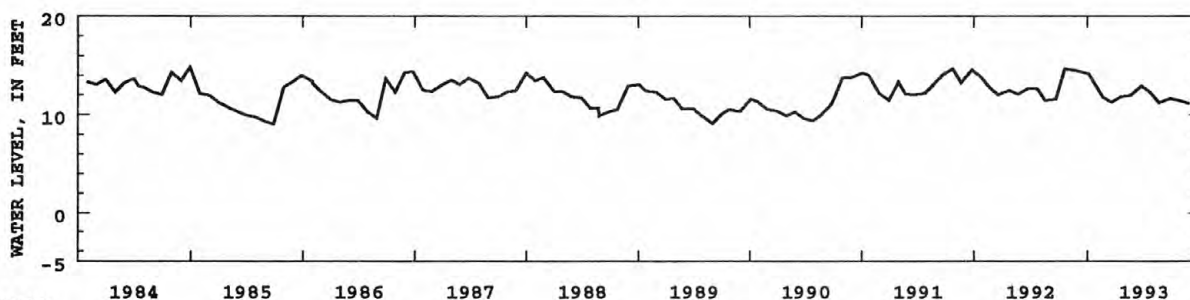
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--July 1976 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.81 ft NGVD, Sept. 28, 1984; lowest measured, 8.30 ft NGVD, May 28, 1982.

262552081485703 - L -2308

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	0900	--	--	14.14	20...	1025	502	8.0	12.30
NOV					MAY				
20...	0815	--	--	11.79	19...	0920	--	--	11.17
DEC					JUN				
16...	1005	--	--	11.22	24...	0840	--	--	11.63
JAN					JUL				
20...	0945	--	--	11.86	20...	0810	--	--	11.46
FEB					AUG				
18...	0850	--	--	11.97	25...	0840	--	--	11.10
MAR									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262622082022001. Local Number L 1456.

LOCATION.--Lat 26°26'22", long 82°02'20", in NW1/4NW1/4 sec.30, T.46 S., R.23 E., Hydrologic Unit 03100103, 0.5 mi south of the intersection of Periwinkle Way and Lindgren Boulevard, and 2.7 mi east of Sanibel Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Limestone aquifer of the Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 33 ft, cased to 32 ft, open hole 32 to 33 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Recorder shelf, 2.90 ft above land-surface datum.

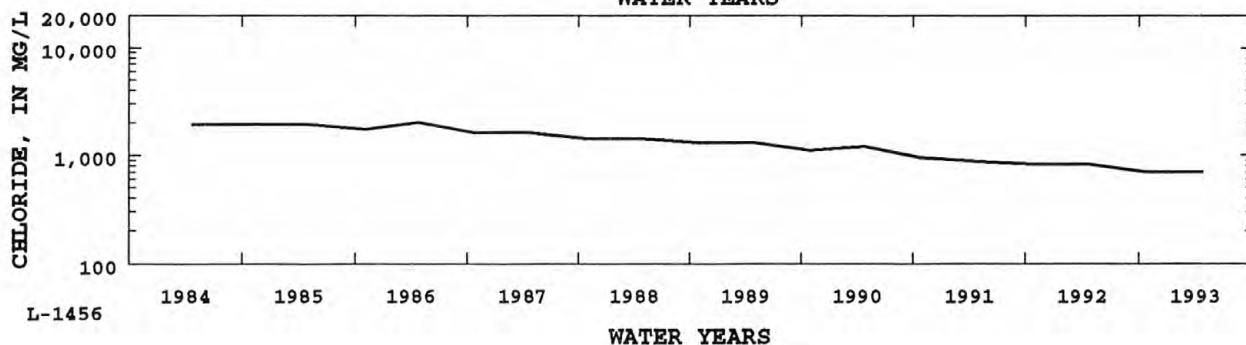
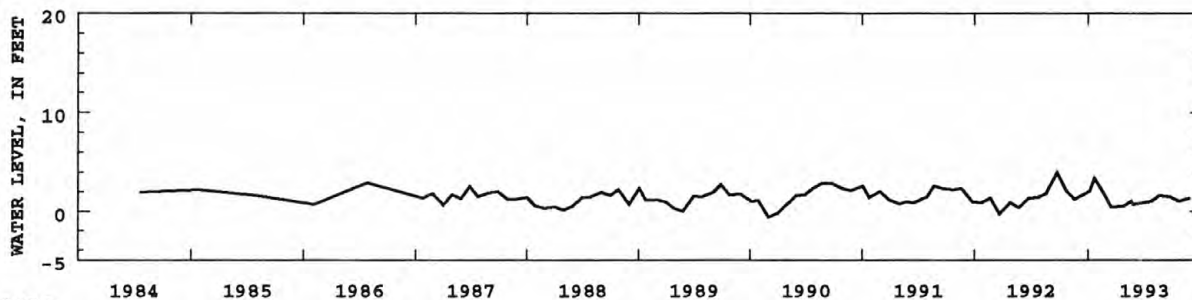
REMARKS.--Water levels affected by tidal fluctuations. Well also sampled for water quality.

PERIOD OF RECORD.--July 1971 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.94 ft NGVD, Aug 28, 1985; lowest measured, 0.63 ft below NGVD, Nov. 30, 1989.

262622082022001 - L -1456

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE	NGVD			SOLVED	ABOVE	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					APR				
07...	0740	--	--	2.08	23...	0840	3240	700	1.02
21...	0805	3320	700	3.32	MAY				
NOV					19...	0730	--	--	1.57
18...	0745	--	--	1.98	JUN				
DEC					21...	0840	--	--	1.43
14...	0815	--	--	0.44	JUL				
JAN					21...	0820	--	--	1.00
22...	0830	--	--	0.48	AUG				
FEB					24...	1110	--	--	1.36
17...	0740	--	--	1.00					
24...	0740	--	--	0.68					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

459

WELL NUMBER.--262622082022002. Local Number L 1457.

LOCATION.--Lat 26°26'22", long 82°02'20", in NW1/4NW1/4 sec.29, T.46 S., R.23 E., Hydrologic Unit 03100103, 0.5 mi south of the intersection of Periwinkle Way and Lindgren Boulevard, and 2.7 mi east of Sanibel Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 11 ft, cased to 8 ft, screen 8 to 11 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.30 ft above land-surface datum.

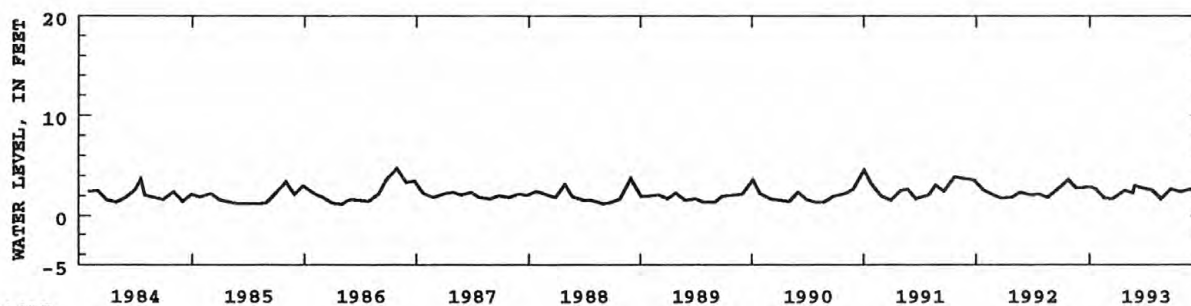
REMARKS.--Water levels affected by tidal fluctuations. Well also sampled for water quality.

PERIOD OF RECORD.--July 1971 to current year. Records of water levels prior to October 1977 are available in files of the Geological Survey.

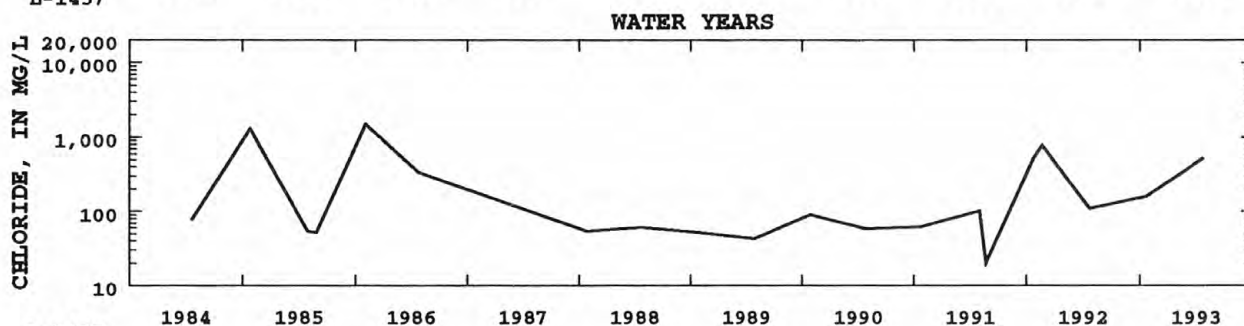
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.70 ft NGVD, July 28, 1986; lowest measured, 0.01 ft NGVD, Dec. 1, 1982.

262622082022002 - L -1457

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS CL)	(FEET)								
OCT					APR				
07...	0745	--	--	2.85	23...	0840	2700	520	2.49
21...	0800	880	160	2.60	MAY				
NOV					19...	0725	--	--	1.69
18...	0745	--	--	1.75	JUN				
DEC					21...	0845	--	--	2.60
14...	0820	--	--	1.66	JUL				
JAN					21...	0820	--	--	2.36
22...	0810	--	--	2.47	AUG				
FEB					24...	1115	--	--	2.63
17...	0740	--	--	2.25					
24...	0740	--	--	2.93					



L-1457



L-1457

WATER YEARS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262622082074401. Local Number L 2524.

LOCATION.--Lat 26°26'22", long 82°07'44", in NE1/4NW1/4 sec.29, T.46 S., R.21 E., Hydrologic Unit 03100103, at end of Gulf Drive, 4.0 mi south of Sanibel Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 625 ft, cased to 512 ft, open hole 512 to 625 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 5.16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.50 ft above land-surface datum.

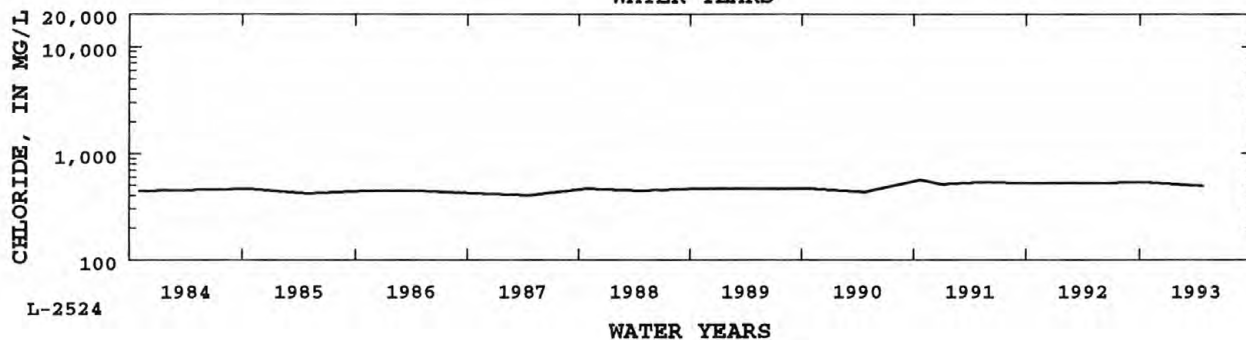
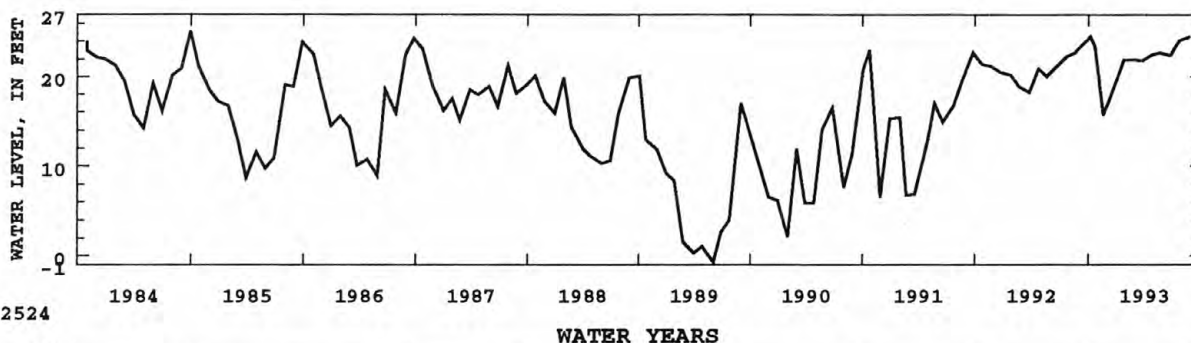
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1977 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.2 ft NGVD, June 7, 1978; lowest measured, 0.7 ft below NGVD, June 2, 1989.

262622082074401 - L -2524

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	0850	--	--	24.50	23...	1025	2720	490	22.50
21...	0940	2680	530	23.40	MAY				
NOV					19...	0820	--	--	22.70
18...	0900	--	--	15.70	JUN				
DEC					21...	1000	--	--	22.40
14...	0905	--	--	18.10	JUL				
JAN					21...	0920	--	--	24.10
22...	1030	--	--	21.90	AUG				
FEB					23...	1205	--	--	24.50
17...	0850	--	--	21.90					
MAR									
24...	0850	--	--	21.80					



LEE COUNTY

WELL NUMBER.--262649082070201. Local Number L 2583.

LOCATION.--Lat 26°26'49", long 82°07'02", in NW1/4SW1/4 sec.21, T.46 S., R.22 E., Hydrologic Unit 03100103, 50 ft west of the Sanibel Elementary School swimming pool, 190 ft north of Sanibel-Captiva Road and 2.5 mi northwest of Sanibel. Owner: Island Water Association.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 650 ft, cased to 610 ft, open hole 610 to 650 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 4.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. by 2 in. PVC reducer 2.93 ft above land-surface datum.

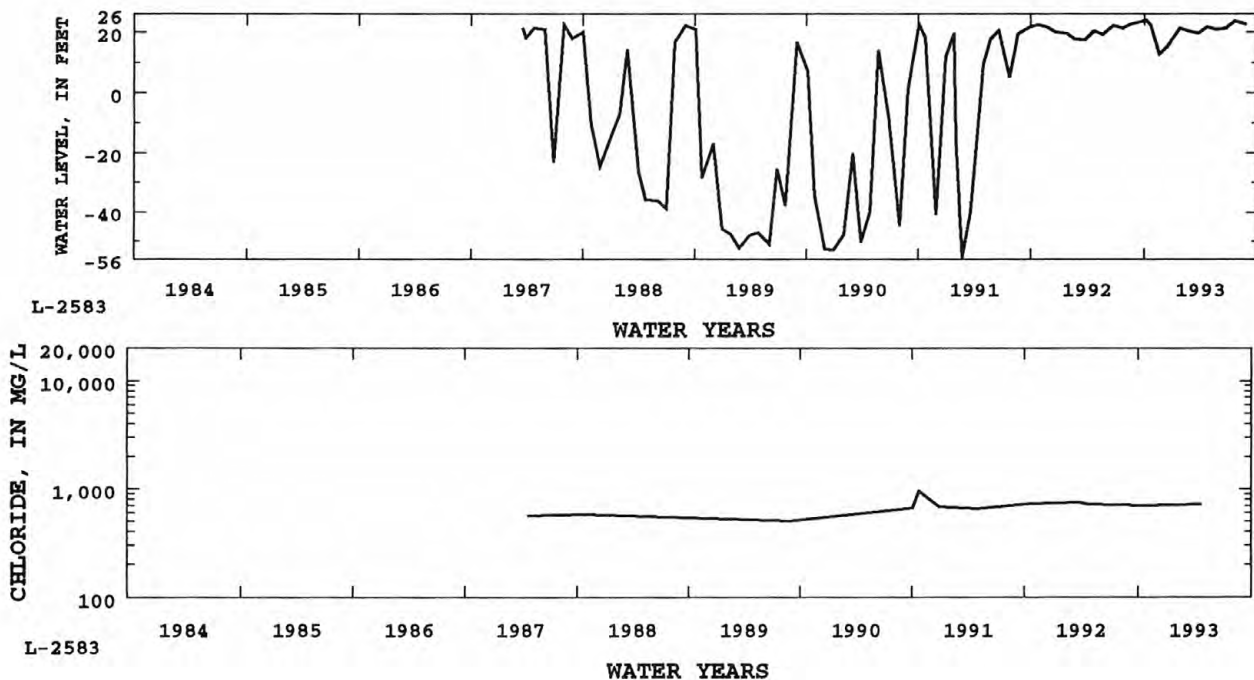
REMARKS.--Well also sampled for water quality. Water levels affected by nearby IWA production well.

PERIOD OF RECORD.--February 1978, March 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.0 ft NGVD, Feb. 3, 1978; lowest measured, 55.47 ft below NGVD, Feb. 21, 1991.

262649082070201 - L -2583

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	0900	--	--	23.80	23...	1045	3270	720	21.70
21...	0950	3240	700	22.10	MAY				
NOV					19...	0835	--	--	21.00
18...	0915	--	--	12.90	JUN				
DEC					21...	1015	--	--	21.30
14...	0910	--	--	15.40	JUL				
JAN					21...	0930	--	--	23.60
22...	1045	--	--	21.20	AUG				
FEB					24...	1215	--	--	22.60
17...	0900	--	--	20.40					
MAR									
24...	0910	--	--	19.60					



LEE COUNTY

WELL NUMBER.--262657081443501. Local Number L 739.

LOCATION.--Lat 26°26'57", long 81°44'35", in NE1/4NE1/4 sec.30, T.46 S., R.26 E., Hydrologic Unit 03090204, 4.5 mi east of intersection of U.S. Highway 41 and Corkscrew Road, and 5.3 mi southeast of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20 ft, cased to 18 ft, open hole 18 to 20 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.65 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of casing, 2.87 ft above land-surface datum.

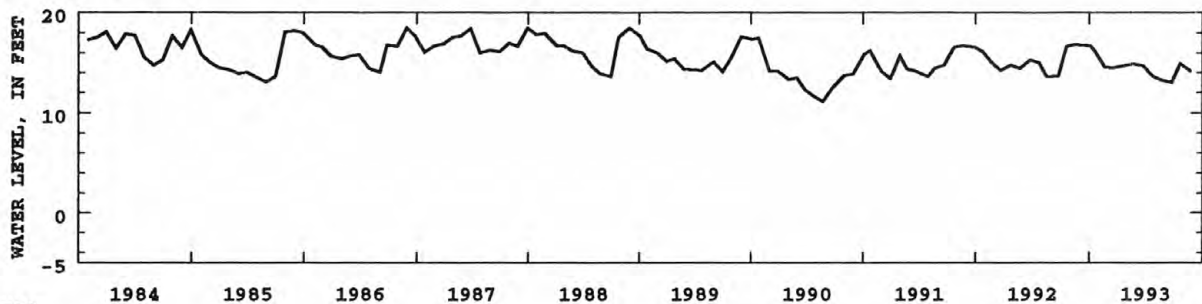
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1968 to September 1974 (bimonthly), October 1974 to September 1977 (daily), October 1977 to current year. Records of water levels prior to October 1974 are available in files of the Geological Survey.

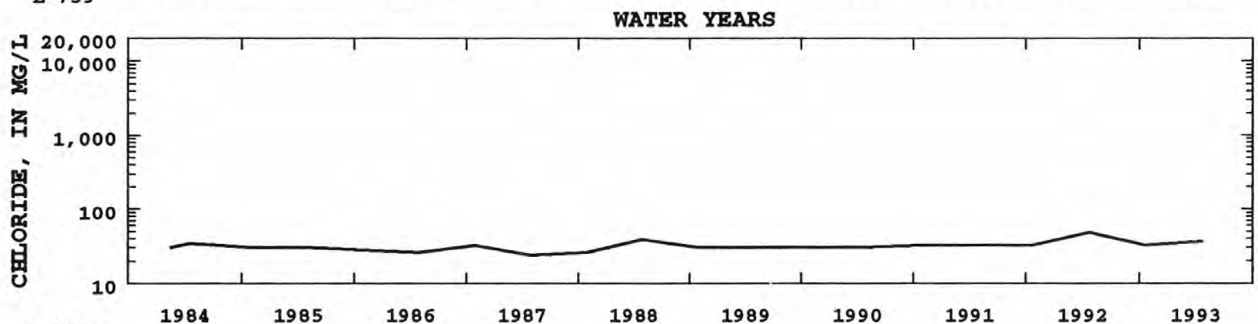
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.76 ft NGVD, Mar. 30, 1970; lowest measured, 11.11 ft NGVD, May 23, 1990.

262657081443501 - L - 739

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	0940	--	--	16.68	23...	0930	624	36	13.66
19...	1530	655	32	16.10	MAY				
NOV					19...	1350	--	--	13.21
20...	1520	--	--	14.53	JUN				
DEC					24...	1340	--	--	12.98
16...	1450	--	--	14.50	JUL				
JAN					20...	1320	--	--	14.84
20...	1405	--	--	14.68	AUG				
FEB					25...	1300	--	--	14.14
18...	1415	--	--	14.89					
MAR									
25...	1705	--	--	14.67					



L-739



L-739

WATER YEARS

LEE COUNTY

WELL NUMBER.--262659081382501. Local Number L 2192.

LOCATION.--Lat 26°26'59", long 81°38'25", in NW1/4NW1/4 sec.29, T.46 S., R.27 E., Hydrologic Unit 03090204, 10.7 mi east of intersection of U.S. Highway 41 and Corkscrew Road, and 11.6 mi east of Estero Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 184 ft, cased to 155 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

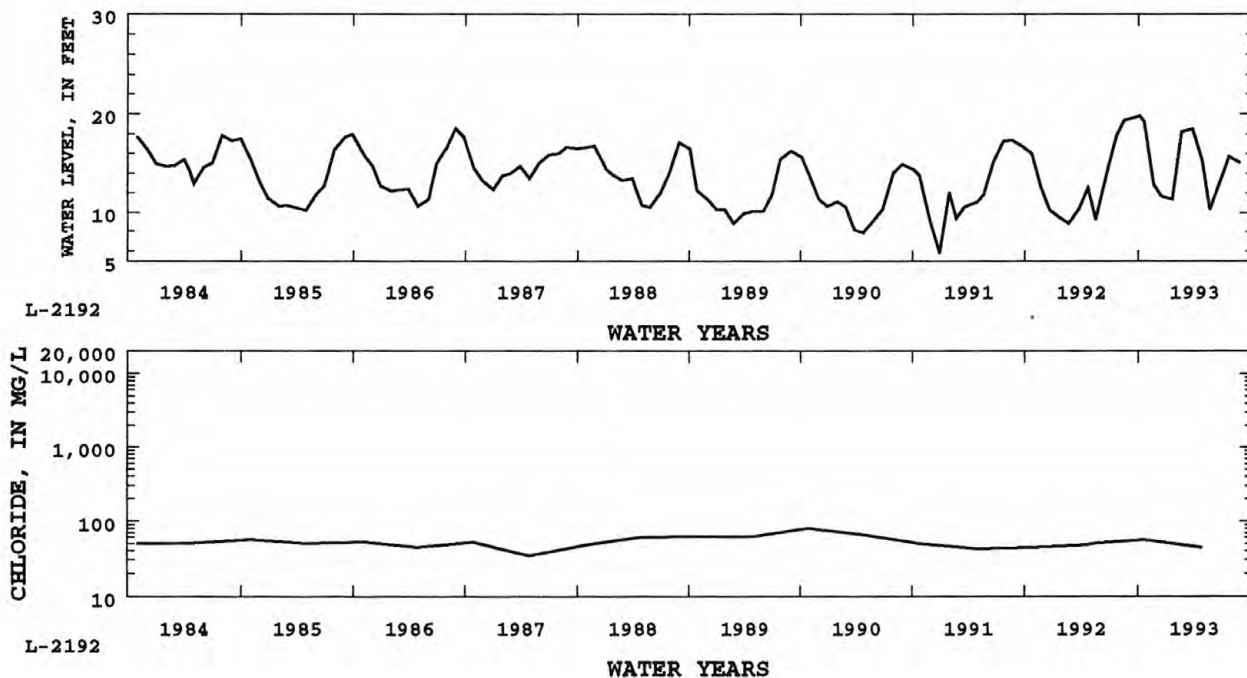
DATUM.--Land-surface datum is 27.26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.80 ft above land-surface datum.

PERIOD OF RECORD.--August 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.83 ft NGVD, Oct. 5, 1992; lowest measured, 5.74 ft NGVD, Dec. 28, 1990.

262659081382501 - L -2192

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1050	--	--	19.83	24...	1030	658	44	15.33
20...	1415	608	56	19.25	MAY				
NOV					19...	1510	--	--	10.28
20...	1450	--	--	12.81	JUN				
DEC					24...	1445	--	--	13.27
16...	1615	--	--	11.66	JUL				
JAN					20...	1440	--	--	15.68
20...	1500	--	--	11.34	AUG				
FEB					25...	1425	--	--	15.07
18...	1535	--	--	18.21					
MAR									
25...	1700	--	--	18.55					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262703081340201. Local Number L 731.

LOCATION.--Lat 26°27'03", long 81°34'02", in NE1/4NE1/4 sec.25, T.46 S., R.27 E., Hydrologic Unit 03090204, 0.2 mi west of Collier County line, 4.5 mi south of State Road 82, and 11.7 mi southeast of Lehigh Acres Post Office.

Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 243 ft, cased to 165 ft, open hole 165 to 243 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 25.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.42 ft above land-surface datum.

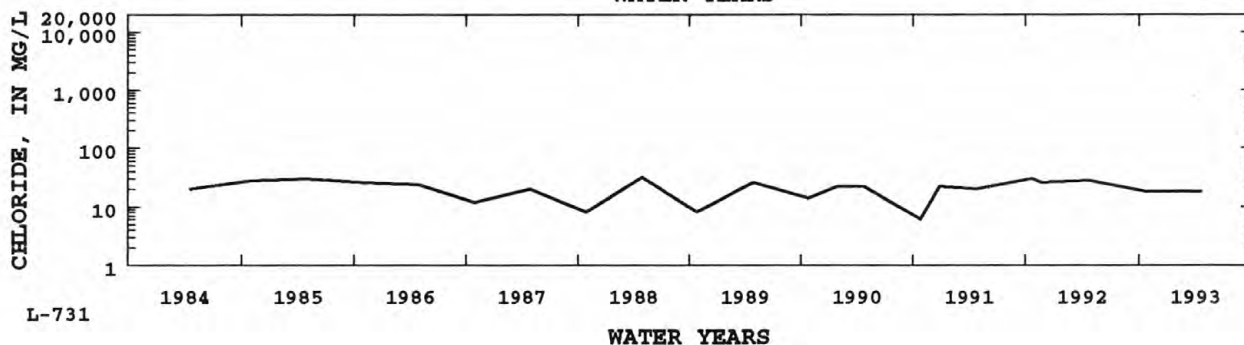
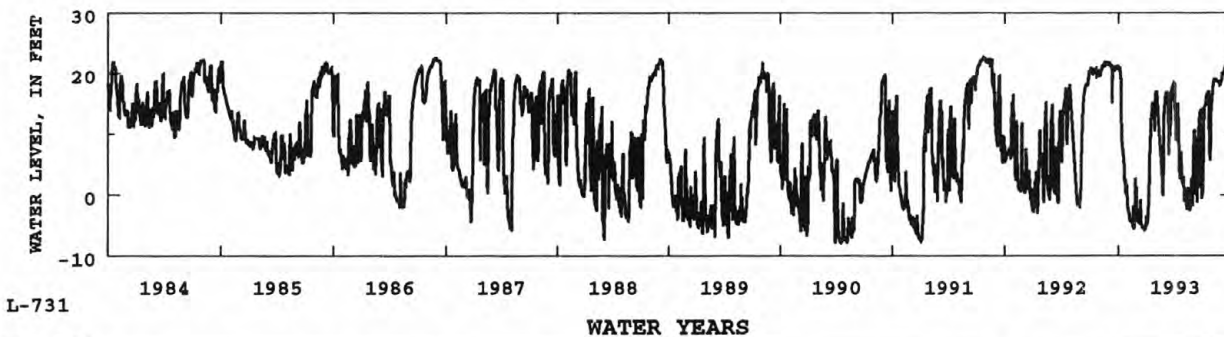
REMARKS.--Well also sampled for water quality. Water levels affected by pumping wells.

PERIOD OF RECORD.--August 1968 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 24.62 ft NGVD, Oct. 5, 1969; lowest, 7.82 ft below NGVD, May 7, 1990. (Corrected).

STATION NUMBER 262703081340201 L - 731
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.62	-3.50	-4.71	-2.65	---	16.85	10.43	.19	3.21	14.38	19.07	20.22
10	13.46	-4.25	-4.79	7.67	---	16.69	15.15	-1.57	-.27	16.29	18.91	21.26
15	7.05	-4.84	-5.21	12.82	---	13.94	4.01	-2.05	10.51	16.08	18.71	21.40
20	2.82	-5.70	-5.48	15.05	.36	16.67	6.98	-2.63	13.47	10.06	18.51	21.36
25	.04	2.71	-5.54	12.45	13.70	17.93	2.79	2.64	1.25	13.28	18.51	20.14
EOM	-1.87	-2.92	-3.60	17.01	15.92	14.15	-.18	9.20	1.75	17.76	19.88	20.88
MEAN	8.67	-3.14	-4.55	9.43	---	15.73	6.63	-.13	5.78	13.87	18.81	20.86
MAX	20.73	2.71	-.83	17.01	---	18.40	15.15	9.20	13.84	17.76	19.88	21.51
MIN	-1.87	-5.70	-5.67	-5.07	---	6.53	-.18	-2.63	-1.30	5.65	18.16	19.91



LEE COUNTY

WELL NUMBER.--262703081340202. Local Number L 1138.

LOCATION.--Lat 26°27'03", long 81°34'02", in NE1/4NE1/4 sec.25, T.46 S., R.27 E., Hydrologic Unit 03090204, 0.2 mi west of Collier County line, 4.5 mi south of State Road 82, and 11.7 mi southeast of Lehigh Acres Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20 ft, cased to 15 ft, screen 15 to 20 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

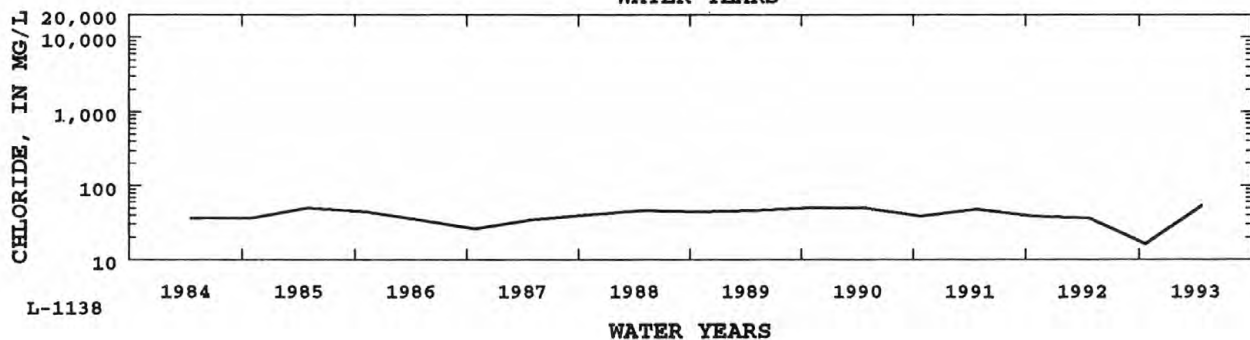
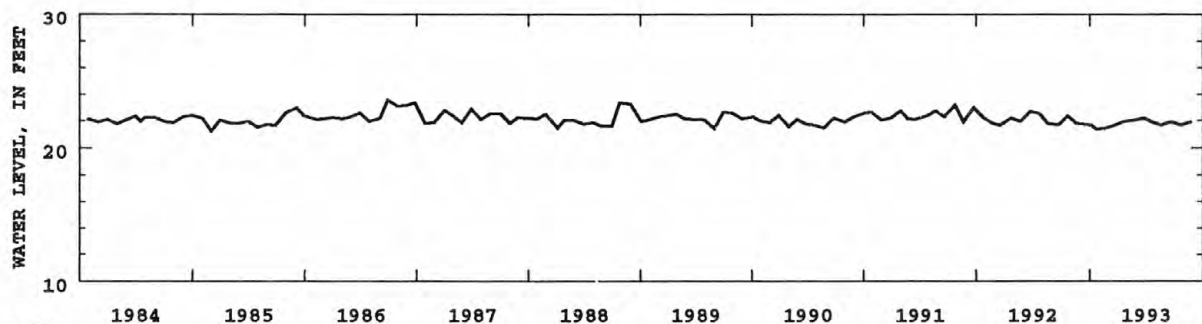
DATUM.--Land-surface datum is 25.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of cap, 2.50 ft above land-surface datum.

PERIOD OF RECORD.--June 1970 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.0 ft NGVD, Aug. 27, 1970; lowest measured, 20.98 ft NGVD, Mar. 28, 1975.

262703081340202 - L -1138

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
06...	0915	--	--	21.70	22...	0900	518	54	21.88
21...	0910	335	16	21.36	MAY				
NOV					20...	0820	--	--	21.69
17...	0820	--	--	21.45	JUN				
DEC					21...	0830	--	--	21.92
16...	0825	--	--	21.60	JUL				
JAN					20...	0850	--	--	21.70
21...	0755	--	--	21.94	AUG				
FEB					24...	0820	--	--	21.92
17...	1300	--	--	22.00					
MAR									
24...	0820	--	--	22.19					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262703081340203. Local Number L 2313.

LOCATION.--Lat 26°27'03", long 81°34'02", in NE1/4NE1/4 sec.25, T.46 S., R.27 E., Hydrologic Unit 03090204, 0.2 mi west of Collier County line, 4.5 mi south of State Road 82, and 11.7 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 670 ft, cased to 400 ft, open hole 400 to 670 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 25.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.47 ft above land-surface datum.

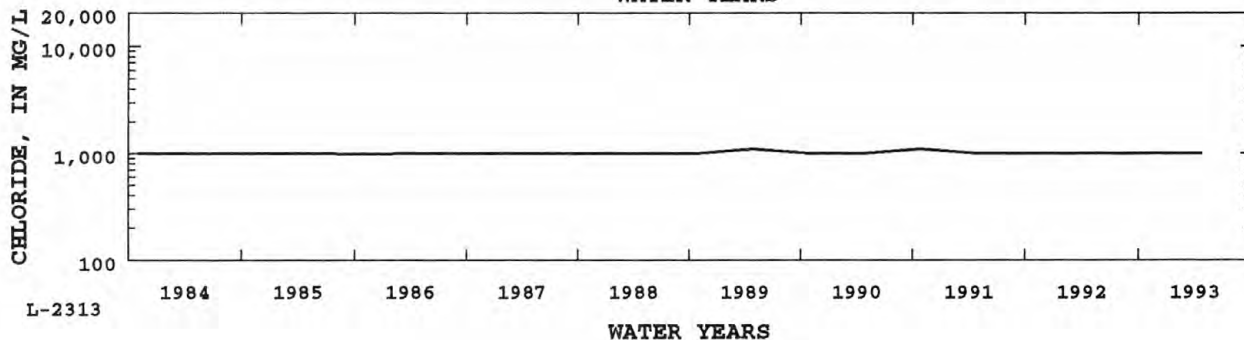
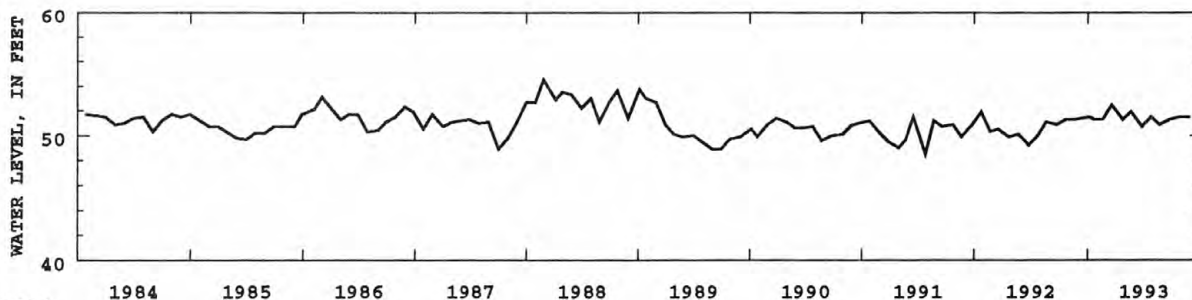
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1976 to current year. Records of water levels prior to October 1982 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.5 ft NGVD, Nov. 24, 1987; lowest measured, 46.6 ft NGVD, June 28, 1978.

262703081340203 - L -2313

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	0915	--	--	51.50	22...	0910	4470	1000	51.50
21...	0915	4470	1000	51.30	MAY				
NOV					20...	0820	--	--	50.90
17...	0820	--	--	51.30	JUN				
DEC					21...	0835	--	--	51.30
16...	0930	--	--	52.50	JUL				
JAN					22...	0855	--	--	51.50
21...	0755	--	--	51.30	AUG				
FEB					24...	0820	--	--	51.50
17...	1310	--	--	51.90					
MAR									



LEE COUNTY

WELL NUMBER.--262706081435401. Local Number L 1853.

LOCATION.--Lat 26°27'06", long 81°43'54", in SW1/4SE1/4 sec.20, T.46 S., R.26 E., Hydrologic Unit 03090204, 5.1 mi east of intersection of Corkscrew Road and U.S. Highway 41, and 6.0 mi east of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 210 ft, cased to 130 ft, open hole 130 to 210 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.98 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.75 ft above land-surface datum.

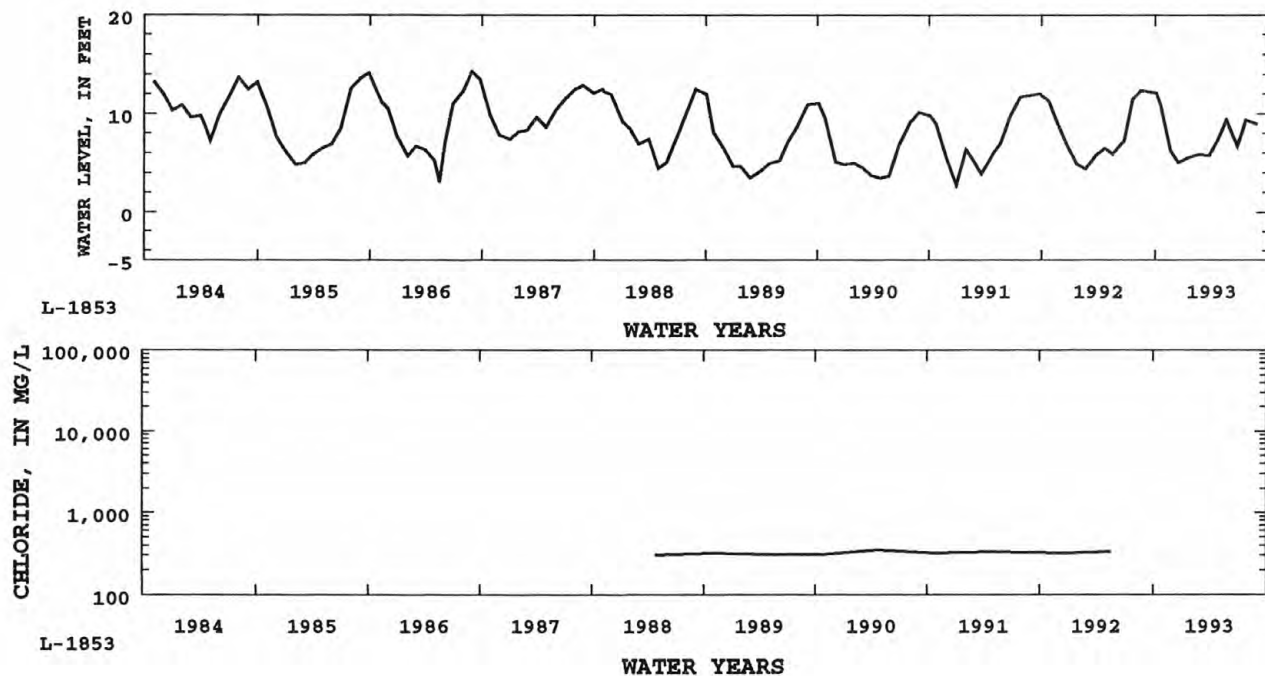
PERIOD OF RECORD.--November 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.52 ft NGVD, Sept. 28, 1983; lowest measured, 2.77 ft NGVD, Dec. 28, 1990.

262706081435401 - L -1853

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
05...	0940	12.09	23...	0935	7.36
19...	1545	10.72	MAY		
NOV			19...	1550	9.33
20...	1515	6.19	JUN		
DEC			24...	1345	6.66
16...	1500	5.00	JUL		
JAN			20...	1330	9.37
20...	1410	5.53	AUG		
FEB			25...	1305	8.97
18...	1415	5.80			
MAR					
25...	1705	5.71			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262710082005301. Local Number L 585.

LOCATION.--Lat 26°27'08", long 82°00'54", in SW1/4NE1/4 sec.21, T.46 S., R.23 E., Hydrologic Unit 03100103, 200 ft west of Lighthouse, and 7 mi east of Sanibel Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 6 in., depth 475 ft, cased to 335 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 2.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Base of faucet on plumbers plug, 1.38 ft above land-surface datum. (Corrected).

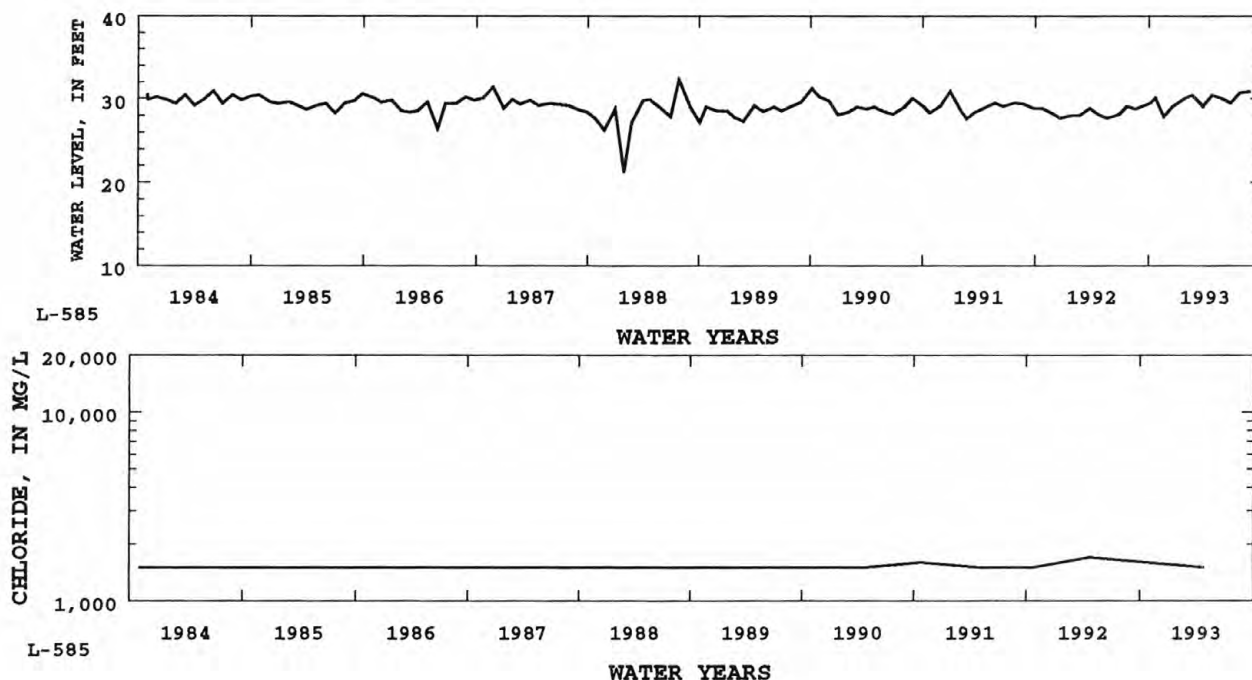
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1964 to current year. Records of water levels prior to October 1981 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.3 ft NGVD, July 26, 1988; lowest measured, 21.2 ft NGVD, Jan. 28, 1988.

262710082005301 - L - 585

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	0750	--	--	29.50	23...	1240	4930	1500	30.40
21...	0830	5010	1600	30.10	MAY				
NOV					19...	0955	--	--	30.10
18...	0800	--	--	27.90	JUN				
DEC					21...	0900	--	--	29.50
14...	1040	--	--	29.00	JUL				
JAN					21...	1130	--	--	30.70
27...	0930	--	--	30.10	AUG				
FEB					23...	1050	--	--	30.90
17...	1125	--	--	30.40					
MAR									
24...	1110	--	--	29.10					



LEE COUNTY

WELL NUMBER.--262706082080201. Local Number L 5735.

LOCATION.--Lat 26°27'06", long 82°08'02", in sec.20, T.46 S., R.22 E., Hydrologic Unit 03100103, at Sanibel well field, 1.8 mi northwest of intersection of Sanibel Captiva Road and Rabbit Road. (Corrected).

AQUIFER.--Suwannee aquifer of the Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 1 1/4 in., depth 770 ft, cased to 740 ft, open hole 740 to 770 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape or pressure gage.

DATUM.--Land-surface datum is 2.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.77 ft above land-surface datum.

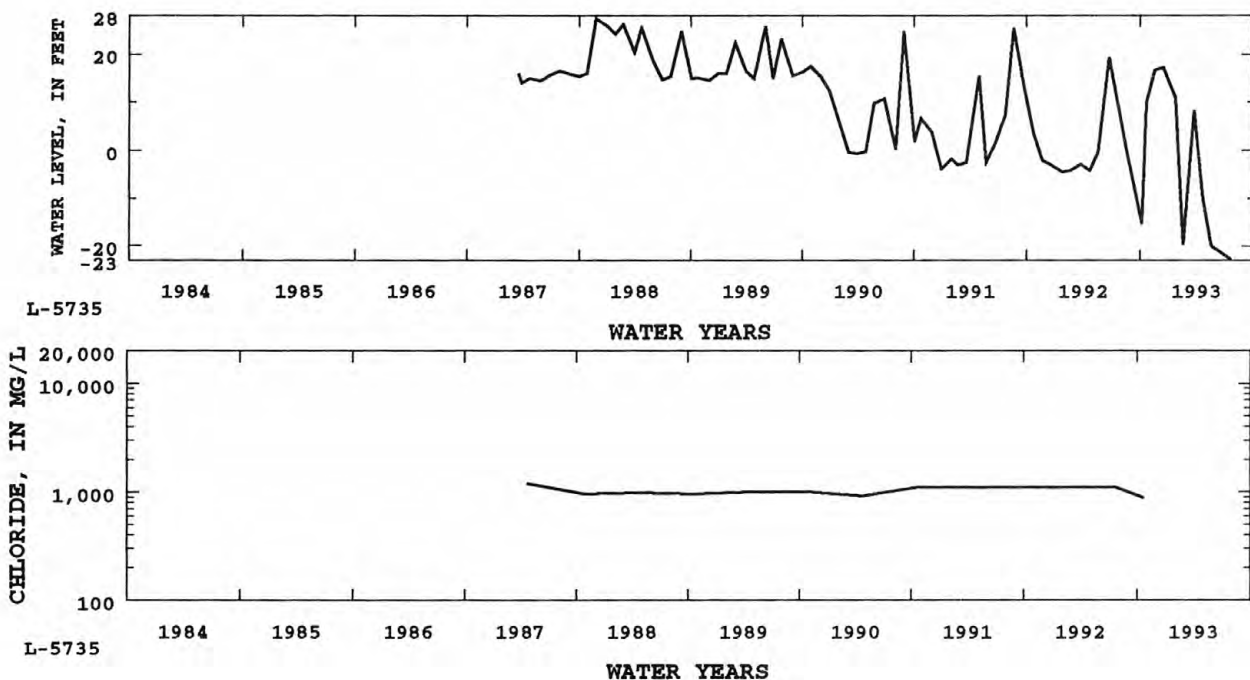
REMARKS.--Well is also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.3 ft NGVD, Nov. 25, 1987; lowest measured, 22.76 ft below NGVD, July 21, 1993.

262706082080201 - L -5735

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993								
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-
		CIFIC	RIDE,				CIFIC	RIDE,
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-
		SOLVED	ABOVE				SOLVED	ABOVE
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	NGVD
	AS CL)		AS CL)	(FEET)		AS CL)		(FEET)
OCT					MAR			
07...	0915	--	--	-15.40	24...	0915	--	--
21...	1005	3310	880	9.80	APR			
NOV					23...	1100	--	--
18...	0920	--	--	16.70	MAY			
DEC					19...	0845	--	--
14...	0920	--	--	17.10	JUL			
JAN					21...	0945	--	--
22...	1200	--	--	10.90				
FEB								
17...	0930	--	--	-19.55				



LEE COUNTY

WELL NUMBER.--262706082080202. Local Number L 5737.

LOCATION.--Lat 26°27'06", long 82°08'02", in sec.20, T.46 S., R.22 E., Hydrologic Unit 03100103, at Sanibel well field, 1.8 mi northwest of intersection of Sanibel Captiva Road and Rabbit Road on Sanibel Island.

AQUIFER.--Suwannee aquifer of the Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 700 ft, cased to 665 ft, open hole 665 to 700 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape or pressure gage.

DATUM.--Land-surface datum is 2.73 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of steel flange, 1.77 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

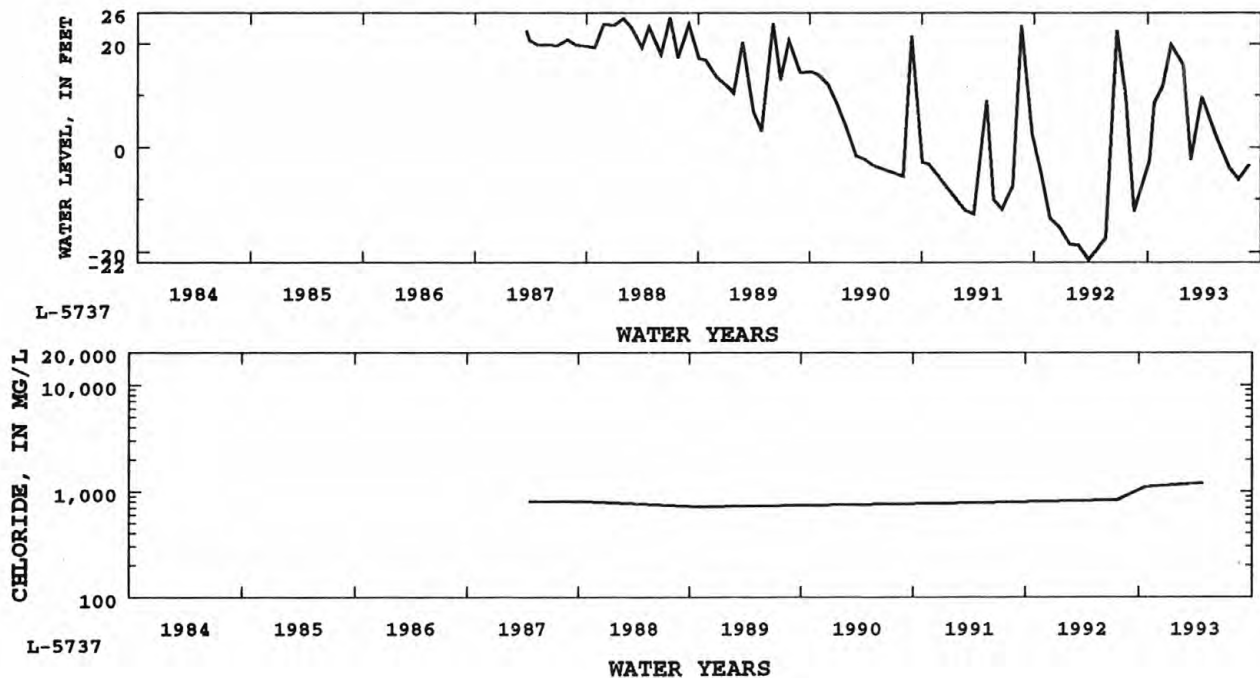
PERIOD OF RECORD.--March 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.0 ft NGVD, June 30, 1988; lowest measured, 21.46 ft below NGVD, Mar. 25, 1992.

262706082080202 - L -5737

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	0910	--	--	-2.47	23...	1110	4740	1200	4.82
21...	1000	4340	1100	8.40	MAY				
NOV					19...	0845	--	--	0.57
18...	0925	--	--	11.70	JUN				
DEC					21...	1110	--	--	-4.00
14...	0920	--	--	19.70	JUL				
JAN					21...	0950	--	--	-6.22
22...	1205	--	--	15.90	AUG				
FEB					24...	1240	--	--	-3.39
17...	0920	--	--	-2.37					
MAR									
24...	0920	--	--	9.70					



LEE COUNTY

WELL NUMBER.--262711081413701. Local Number L 2550.

LOCATION.--Lat 26°27'11", long 81°41'37", in NE1/4SE1/4 sec.22, T.46 S., R.26 E., Hydrologic Unit 03050204, 7.4 mi east of intersection of U.S. Highway 41 and Corkscrew Road, and 8.2 mi east of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 134 ft, cased to 67 ft, open hole 67 to 134 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 19.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 1.57 ft above land-surface datum.

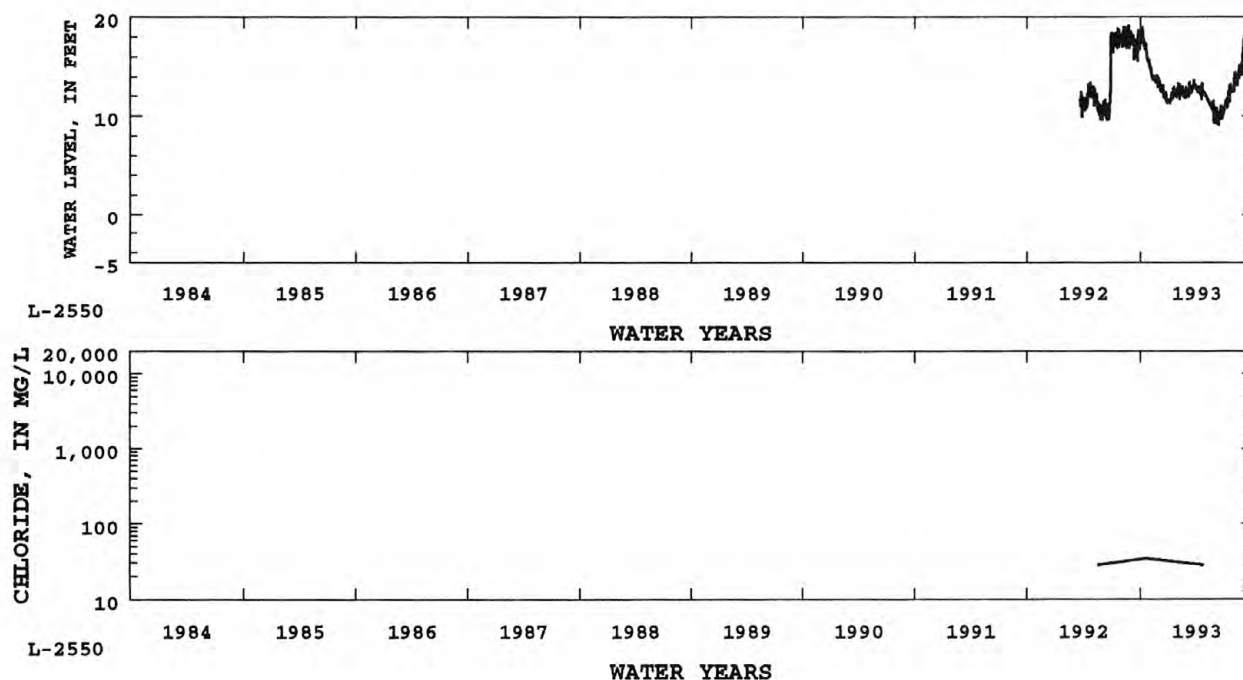
REMARKS.--Well replaces L 1985. Well is also sampled for water quality. Water levels affected by pumping at municipal well field.

PERIOD OF RECORD.--March 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.13 ft NGVD, Aug. 24, 1992; lowest, 9.02 ft NGVD, June 12, 1993.

STATION NUMBER 262711081413701 L -2550
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.73	14.82	12.62	11.23	11.63	12.07	12.59	---	10.41	11.00	14.06	16.56
10	18.16	13.88	12.51	12.39	12.12	12.39	12.59	---	9.94	11.12	13.66	17.76
15	17.07	13.68	12.03	12.77	11.99	12.68	12.44	---	10.67	11.40	14.00	18.20
20	16.55	13.51	12.46	12.67	12.08	12.88	12.39	10.76	9.79	12.39	15.05	17.28
25	15.81	13.92	11.59	12.00	12.96	13.09	---	10.62	10.33	12.80	15.19	17.59
EOM	15.08	13.65	11.56	13.35	12.17	12.75	---	9.61	10.90	13.77	17.61	17.94
MEAN	17.08	13.97	12.24	12.12	12.39	12.73	---	---	10.20	12.08	14.71	17.78
MAX	19.01	15.08	13.65	13.35	13.21	13.72	---	---	11.00	13.77	17.61	18.71
MIN	15.08	12.86	11.23	11.23	11.63	11.89	---	---	9.02	10.80	13.03	16.53



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262713081414401. Local Number L 2193.

LOCATION.--Lat 26°27'13", long 81°41'44", in NE1/4SE1/4 sec.22, T.46 S., R.26 E., Hydrologic Unit 03050204, 7.4 mi east of intersection of U.S. Highway 41 and Corkscrew Road, and 8.2 mi east of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 292 ft, cased to 220 ft, screen 220 to 292 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 19.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 2.54 ft above land-surface datum.

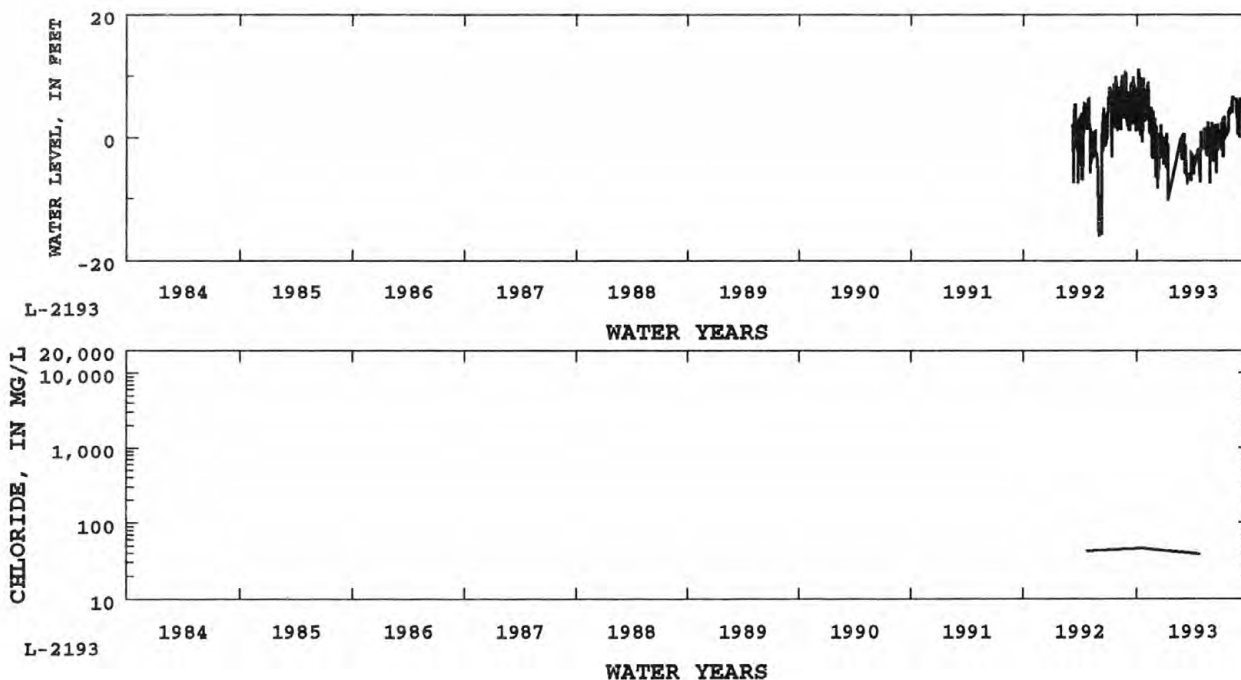
REMARKS.--Water levels affected by pumping at municipal well field. Well also sampled for water quality.

PERIOD OF RECORD.--September 1975 to January 1978 (monthly), March 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.07 ft NGVD, Sept. 26, 1975; lowest daily maximum, 16.1 ft below NGVD, June 2, 1992.

STATION NUMBER 262713081414401 L -2193
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.16	8.95	-3.54	.64	---	-1.22	---	1.31	-4.01	-2.97	6.48	6.20
10	9.85	.99	-5.27	---	---	-6.05	---	1.49	2.03	.21	6.19	6.53
15	9.32	4.59	-1.62	---	---	-6.01	---	1.46	1.61	.67	6.20	6.54
20	9.56	-.99	-1.24	---	-.06	-6.27	---	-2.13	.30	.99	1.37	3.02
25	5.91	2.31	-4.43	---	-2.38	-2.70	.85	-.21	-1.25	4.30	3.81	4.19
EOM	6.43	-6.51	-4.44	---	.48	-5.28	-1.41	-3.04	2.09	4.79	5.04	3.04
MEAN	6.36	2.46	-1.93	---	---	---	---	-.30	-.21	1.80	4.89	5.31
MAX	10.97	8.97	1.90	---	---	---	---	2.47	2.09	4.79	6.53	6.54
MIN	-.76	-6.51	-8.30	---	---	---	---	-7.44	-5.78	-3.26	.12	1.75



LEE COUNTY

WELL NUMBER.--262713081414601. Local Number L 1984.

LOCATION.--Lat 26°27'13", long 81°41'46", in SE1/4SE1/4 sec.22, T.46 S., R.26 E., Hydrologic Unit 03050204, 7.4 mi east of intersection of U.S. Highway 41 and Corkscrew Road, and 8.2 mi east of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 296 ft, cased to 206 ft, screened and open hole. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. PVC , 0.12 ft below land-surface datum. (Corrected).

REMARKS.--Water levels affected by pumping of municipal well field. Well also sampled for water quality.

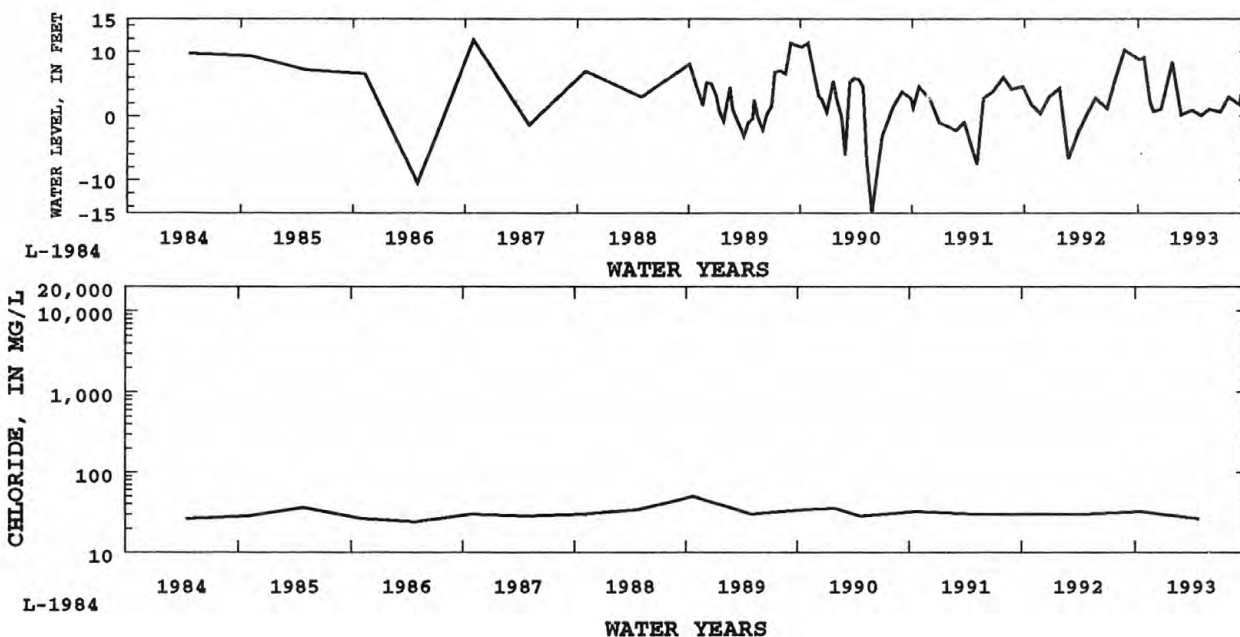
PERIOD OF RECORD.--November 1974 to September 1978 (monthly), October 1978 to September 1992 (daily), October 1992 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 28.01 ft NGVD, Aug. 20, 1990; lowest, 15.03 ft below NGVD, May 23, 1990.

262713081414601 - L -1984

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	0950	--	--	8.69	23...	1050	639	26	0.11
20...	1200	707	32	9.07	MAY				
NOV					19...	1455	--	--	1.13
09...	1110	--	--	2.05	JUN				
20...	1505	--	--	0.74	24...	1350	--	--	0.65
DEC					JUL				
16...	1500	--	--	1.05	20...	1335	--	--	2.94
JAN					AUG				
20...	1455	--	--	8.36	25...	1310	--	--	1.77
FEB					SEP				
18...	1510	--	--	0.23	21...	1135	--	--	9.71
MAR									
25...	1635	--	--	0.92					



LEE COUNTY

WELL NUMBER.--262713081414701. Local Number L 1985.

LOCATION.--Lat 26°27'13", long 81°41'47", in NW1/4SE1/4 sec.22, T.46 S., R.26 E., Hydrologic Unit 03090204, 7.4 mi east of intersection of U.S. Highway 41 and Corkscrew Road, and 8.2 mi east of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 50 ft, cased to 43 ft, open hole 43 to 50 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. PVC, 0.14 ft above land-surface datum. (Corrected).

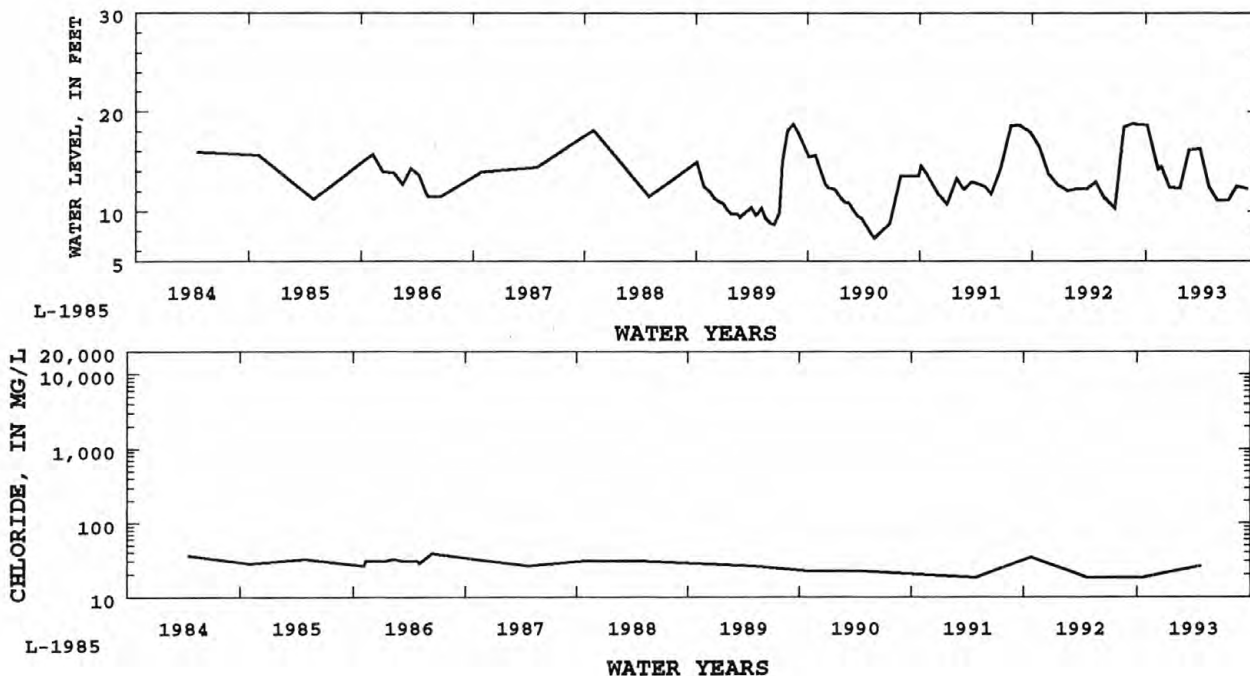
REMARKS.--Water levels affected by pumping of municipal well field. Well also sampled for water quality.

PERIOD OF RECORD.--December 1974 to September 1978 (monthly), October 1978 to September 1992 (daily), October 1992 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.78 ft NGVD, Aug. 18, 1992; lowest, 7.33 ft NGVD, May 7, 1990. (Corrected).

262713081414701 - L -1985

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					MAR				
05...	0950	--	--	18.66	25...	1635	--	--	16.29
20...	1155	699	18	16.78	APR				
NOV					23...	1045	639	26	12.45
09...	1110	--	--	14.21	MAY				
20...	1505	--	--	14.45	19...	1455	--	--	11.11
DEC					JUN				
16...	1505	--	--	12.36	24...	1355	--	--	11.11
JAN					JUL				
20...	1455	--	--	12.29	20...	1340	--	--	12.50
FEB					AUG				
18...	1510	--	--	16.15	25...	1315	--	--	12.23



LEE COUNTY

WELL NUMBER.--262755082090902. Local Number L 5734.

LOCATION.--Lat 26°27'55", long 82°09'09", in SW1/4NW1/4 sec.18, T.46 S., R.22 E., Hydrologic Unit 03100103, 200 ft south of Sanibel-Captiva Road and 40 ft east of Bowman's Beach Road. Owner: Island Water Association.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 608 ft, cased to 440 ft, open hole 440 to 608 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape.

DATUM.--Land-surface datum is 4.07 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 0.37 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

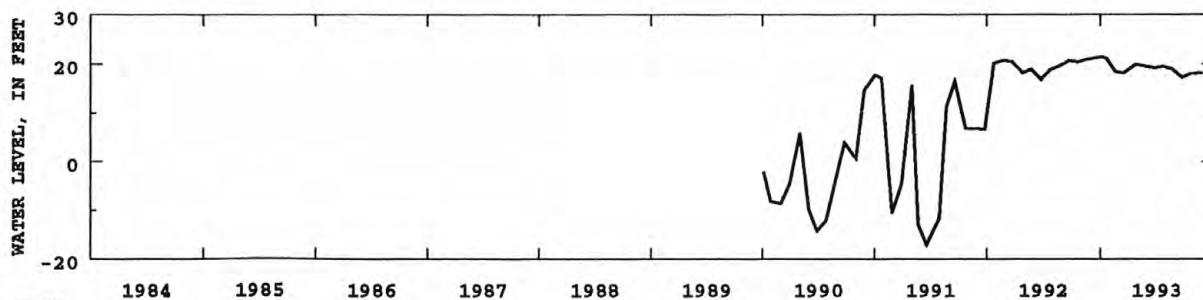
PERIOD OF RECORD.--October 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.40 ft NGVD, Oct. 7, 1992; lowest, 17.17 ft below NGVD, Mar. 20, 1991. (Corrected).

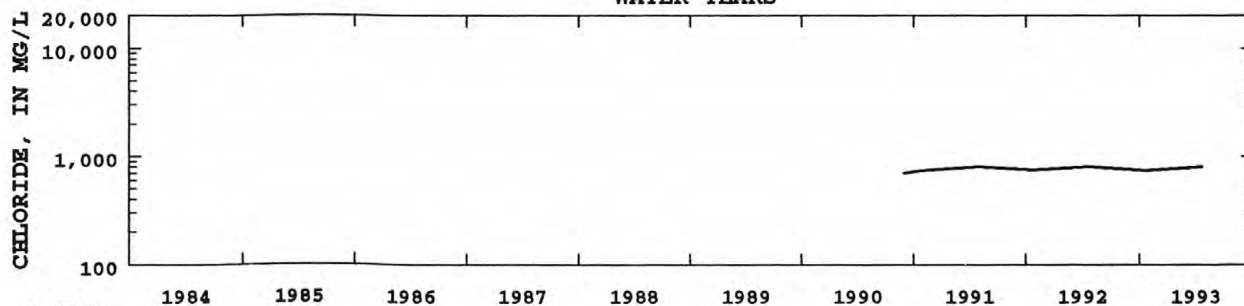
262755082090902 - L -5734

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	0920	--	--	21.40	23...	1135	3570	800	19.40
21...	1010	3520	740	21.00	MAY				
NOV					19...	0900	--	--	19.00
18...	0935	--	--	18.40	JUN				
DEC					21...	1030	--	--	17.20
14...	0930	--	--	18.70	JUL				
JAN					21...	0955	--	--	18.00
22...	1100	--	--	19.90	AUG				
FEB					24...	1250	--	--	18.20
17...	0940	--	--	19.60					
MAR									
24...	0930	--	--	19.20					



L-5734



L-5734

LEE COUNTY

WELL NUMBER.--262831081575901. Local Number L 2212.

LOCATION.--Lat 26°28'31", long 81°57'59", in NW1/4NW1/4 sec.13, T.46 S., R.23 E., Hydrologic Unit 03090205, at Bunch Beach, 400 ft east of John Morris Road at Gulf of Mexico, 2 mi northwest of Ft. Myers Beach Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 236 ft, cased to 135 ft, open hole 135 to 236 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape. (Corrected).

DATUM.--Land-surface datum is 1.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: top of 4 in. steel cap, 0.50 ft above land surface datum. (Corrected).

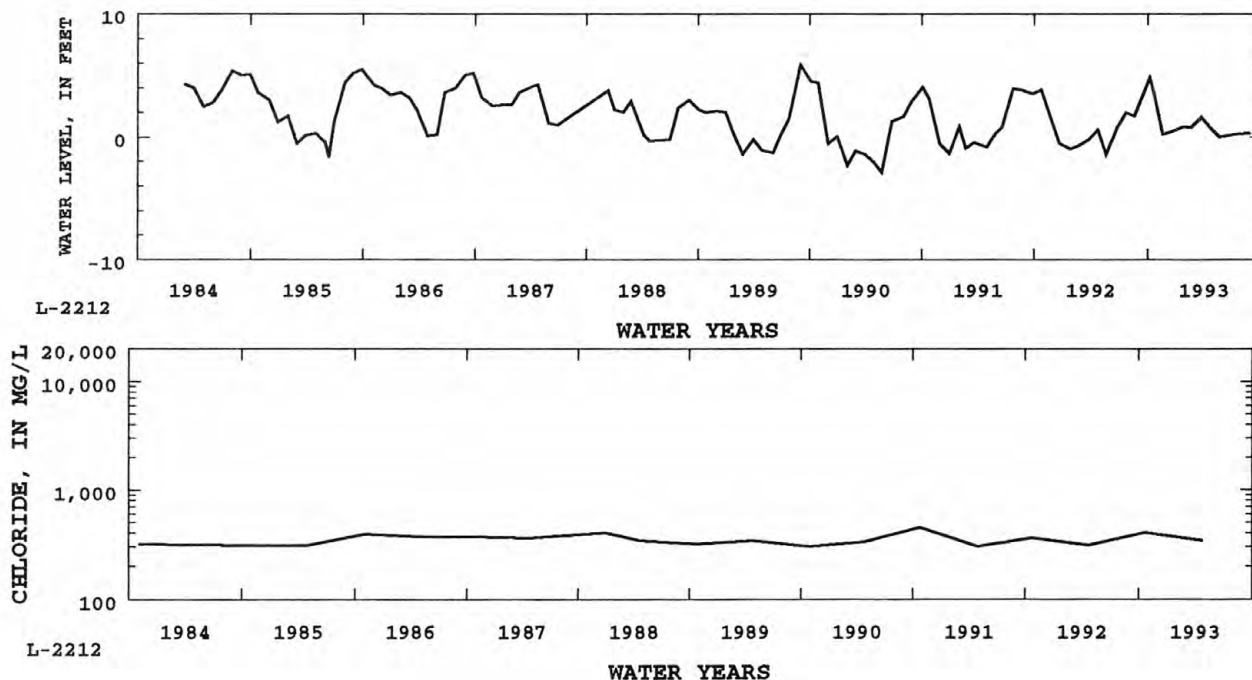
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.82 ft NGVD, Aug. 30, 1989; lowest measured, 2.89 ft below NGVD, May 24, 1990.

262831081575901 - L -2212

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1030	--	--	4.82	23...	0800	1490	340	0.67
21...	1130	1650	400	3.42	MAY				
NOV					19...	1020	--	--	0.01
18...	1055	--	--	0.21	JUN				
DEC					21...	1200	--	--	0.12
14...	1105	--	--	0.42	JUL				
JAN					21...	0800	--	--	0.24
22...	1230	--	--	0.82	AUG				
FEB					24...	1350	--	--	0.33
17...	1150	--	--	0.76					
MAR									
23...	1400	--	--	1.62					



LEE COUNTY

WELL NUMBER.--262839081503100. Local Number L 735.

LOCATION.--Lat 26°28'39", long 81°50'31", in NE1/4NE1/4 sec.18, T.46 S., R.25 E., Hydrologic Unit 03090204, on south side of Park Road, 0.2 mi west of U.S. Highway 41, and 1.5 mi northwest of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 270 ft, cased to 223 ft, open hole 223 to 270 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape.

DATUM.--Land-surface datum is 4.22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of cap, 3.30 ft above land-surface datum.

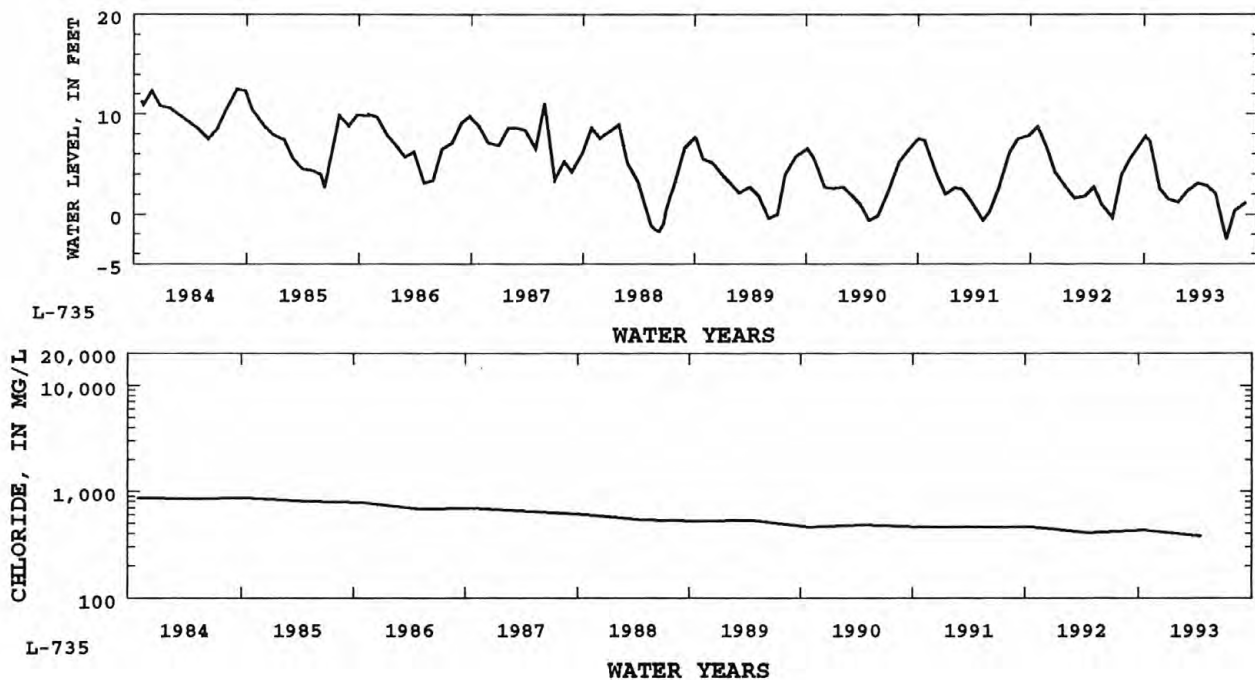
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1968 to November 1974 (bimonthly), December 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.4 ft NGVD, Oct. 31, 1969; lowest measured, 2.45 ft below NGVD, June 24, 1993.

262839081503100 - L - 735

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0900	--	--	7.77	20...	1010	1390	380	2.82
19...	1005	1730	430	7.25	MAY				
NOV					19...	0900	--	--	2.01
20...	0800	--	--	2.59	JUN				
DEC					24...	0820	--	--	-2.45
16...	0930	--	--	1.52	JUL				
JAN					20...	0750	--	--	0.34
20...	0930	--	--	1.20	AUG				
FEB					25...	0830	--	--	1.17
18...	0820	--	--	2.36					
MAR									
25...	0930	--	--	3.11					



LEE COUNTY

WELL NUMBER.--262944081560801. Local Number L 2529.

LOCATION.--Lat 26°29'13", long 81°56'25", in SW1/4NE1/4 sec.7, T.46 S., R.24 E., Hydrologic Unit 03090204, on south side of Pine Ridge Road 0.25 mi east of State Road 865, and 2.6 mi north of Ft. Myers Beach Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 545 ft, cased to 304 ft, open hole 304 to 545 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 5.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of meter box, 0.21 ft above land-surface datum.

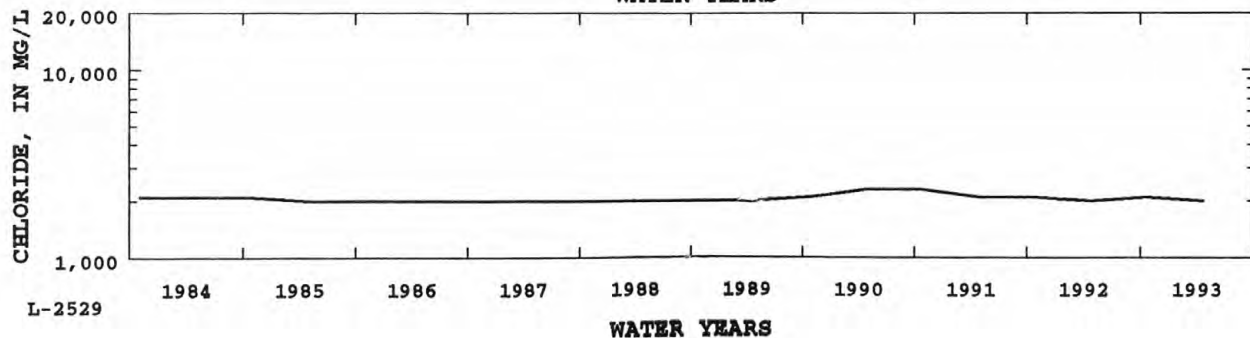
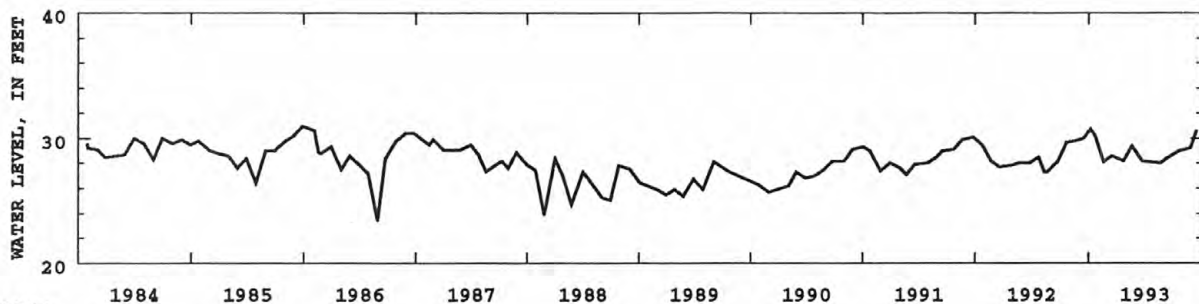
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 32.0 ft NGVD, Nov. 30, 1981; lowest measured, 23.4 ft NGVD, May 30, 1986.

262944081560801 - L -2529

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	DUCT-	DIS-	ABOVE	ANCE	SOLVED	DUCT-	DIS-	ABOVE
(US/CM)	(MG/L	(US/CM)	AS CL)	NGVD	(US/CM)	(MG/L	(US/CM)	AS CL)	NGVD
				(FEET)					(FEET)
OCT					APR				
07...	1115	--	--	30.70	22...	1400	6970	2000	--
21...	1230	7020	2100	30.20	MAY				
NOV					19...	1030	--	--	28.00
18...	1100	--	--	28.10	JUN				
DEC					21...	1245	--	--	28.60
14...	1115	--	--	28.60	JUL				
JAN					21...	1155	--	--	29.00
21...	1530	--	--	28.20	AUG				
FEB					24...	1410	--	--	29.20
17...	1220	--	--	29.40	SEP				
MAR					13...	1240	--	--	30.60
23...	1340	--	--	28.20					



LEE COUNTY

WELL NUMBER.--262934081495801. Local Number L 5649.

LOCATION.--Lat 26°29'34", long 81°47'28", in NE1/4NE1/4 sec.10, T.46 S., R.25 E., Hydrologic Unit 03090204, on the north side of Alico Road, 0.3 mi east of I-75, and 12 mi southeast of Ft. Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 128 ft, cased to 118 ft, screen 118 to 128 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 21.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 1.72 ft above land-surface datum.

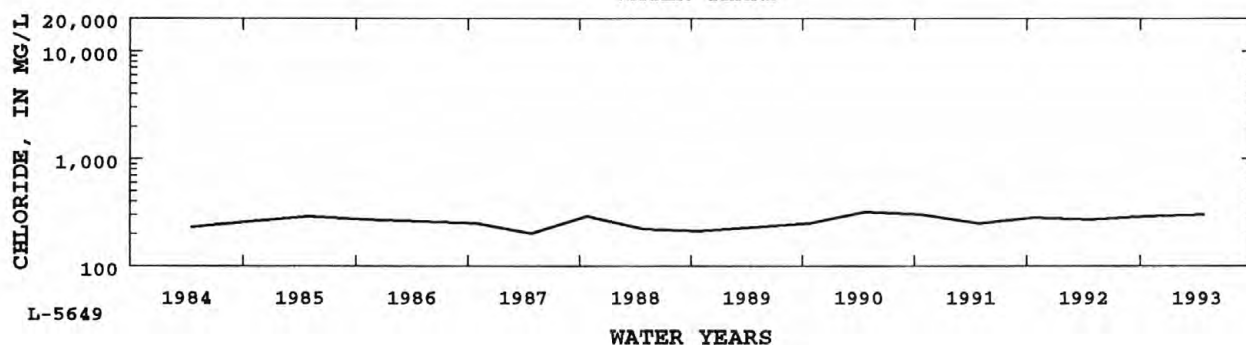
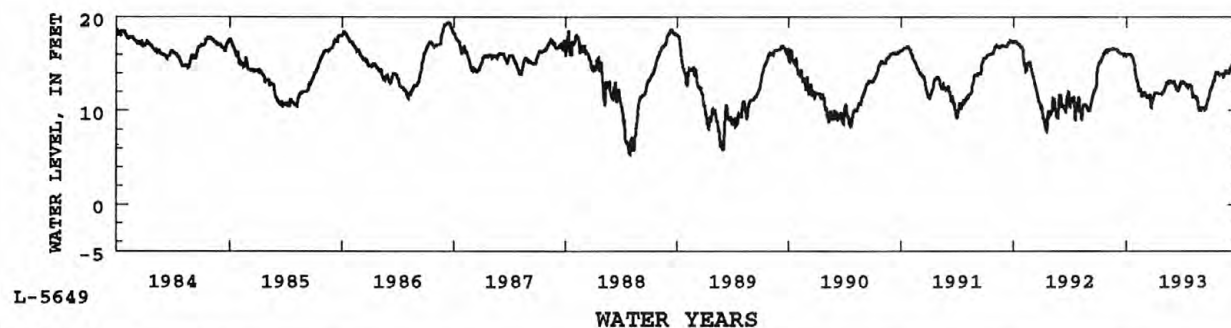
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.41 ft NGVD, Sept. 12, 13, 1986; lowest, 5.38 ft NGVD, Apr. 29, 1988.

STATION NUMBER 262934081495801 L -5649
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.02	13.07	11.44	---	12.76	12.78	12.99	11.63	10.24	12.83	13.89	14.79
10	16.05	12.01	11.29	---	13.01	12.37	12.74	11.44	10.09	13.22	13.67	15.08
15	15.93	12.15	11.70	---	13.17	12.03	12.52	11.34	10.41	13.91	14.06	15.20
20	15.65	11.51	10.38	---	13.03	12.57	12.76	10.39	11.12	14.12	14.20	---
25	15.04	11.81	11.19	11.96	12.96	13.05	12.64	10.14	11.72	13.87	14.00	---
EOM	13.70	11.79	11.83	12.29	13.09	13.02	11.86	10.28	12.29	13.88	14.45	---
MEAN	15.53	12.19	11.28	---	12.96	12.67	12.67	10.92	10.84	13.54	14.01	---
MAX	16.06	13.44	11.83	---	13.20	13.13	12.99	11.71	12.29	14.12	14.45	---
MIN	13.70	11.49	10.30	---	12.43	11.98	11.86	10.01	10.09	12.37	13.67	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262934081495802. Local Number L 5721.

LOCATION.--Lat 26°29'34", long 81°47'28", in NE1/4NE1/4 sec. 10, T.46 S., R.25 E., Hydrologic Unit 03090204, on north side of Alico Road, 0.3 mi east of intersection with I-75, and 12 mi southeast of Ft. Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 27 ft, cased to 17 ft, screened 17 to 27 ft with 0.020 slot.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.28 ft above land-surface datum.

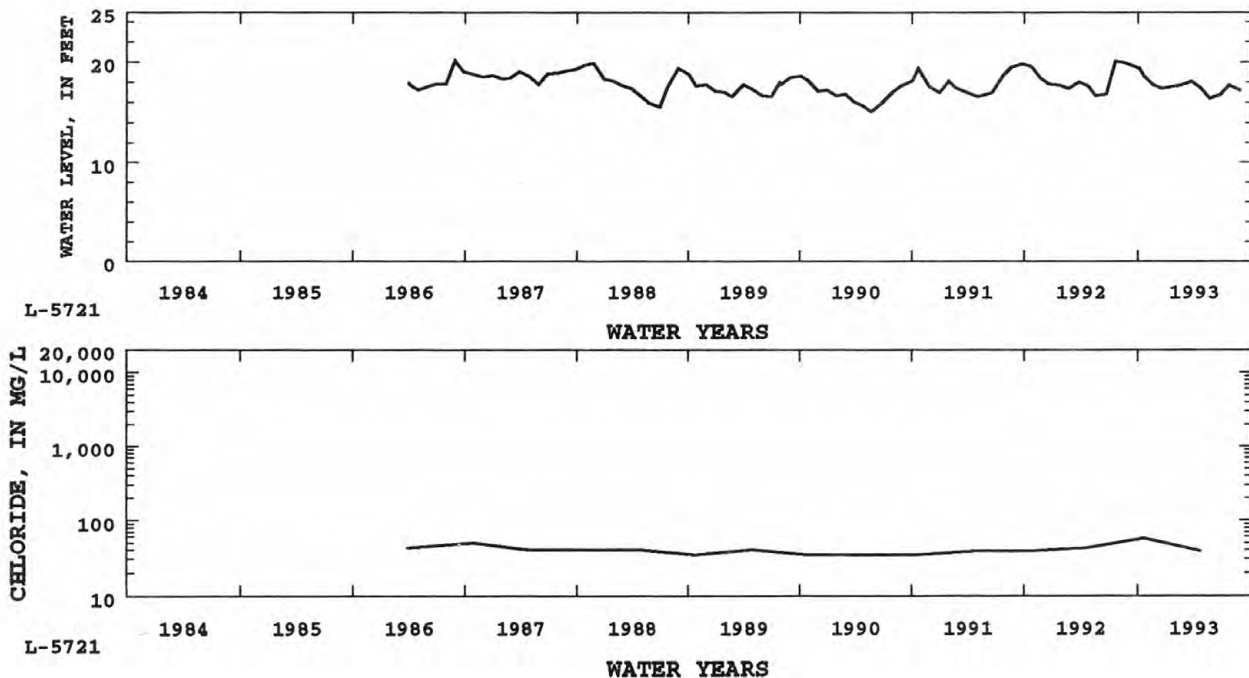
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.15 ft NGVD, Aug. 29, 1986; lowest measured, 15.07 ft NGVD, May 22, 1990.

262934081495802 - L -5721

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1135	--	--	19.32	23...	0835	602	38	17.35
21...	1420	604	57	18.52	MAY				
NOV					20...	1215	--	--	16.37
18...	0730	--	--	17.75	JUN				
DEC					23...	1300	--	--	16.75
15...	1425	--	--	17.32	JUL				
JAN					21...	1550	--	--	17.68
20...	1320	--	--	17.56	AUG				
FEB					26...	0825	--	--	17.18
16...	1550	--	--	17.69					
MAR									
23...	1225	--	--	18.03					



LEE COUNTY

WELL NUMBER.--263004082111701. Local Number L 2315.

LOCATION.--Lat 26°30'04", long 82°11'17", in SE1/4NE1/4 sec.3, T.46 S., R.21 E., Hydrologic Unit 03100103, 25 ft north of private drive, 125 ft west of Sanibel-Captiva Road, 1.1 mi north of Blind Pass bridge and 1.8 mi south of Captiva. Owner: Replogle.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 596 ft, cased to 535 ft, open hole 535 to 596 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 7.75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 6 in. plug, 1.80 ft above land-surface datum.

REMARKS.--Well also sampled for water quality. Landowner uses well for irrigation.

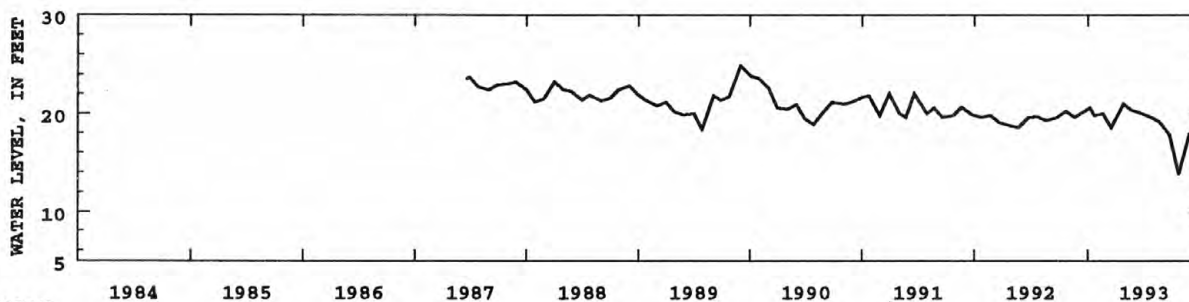
PERIOD OF RECORD.--March 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.8 ft NGVD, Aug. 30, 1989; lowest, 13.8 ft NGVD, July 21, 1993.

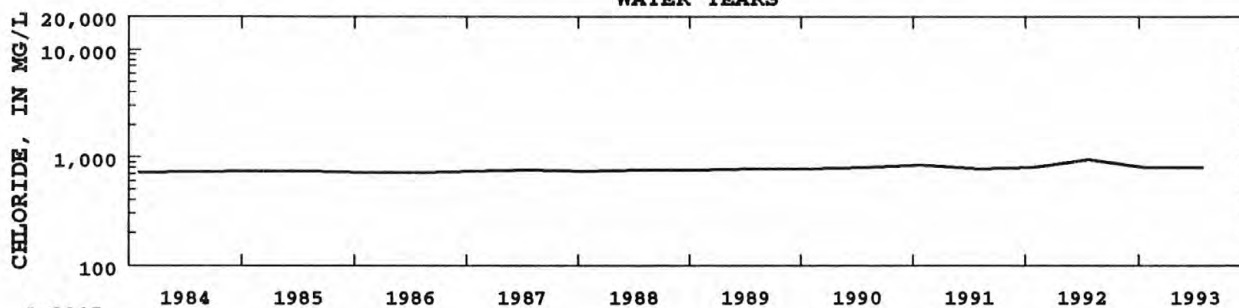
263004082111701 - L -2315

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	0930	--	--	20.60	23...	1150	3410	800	19.60
21...	1225	3390	800	19.80	MAY				
NOV					19...	0910	--	--	19.20
18...	1000	--	--	20.00	JUN				
DEC					21...	1045	--	--	17.80
14...	0940	--	--	18.60	JUL				
JAN					21...	1005	--	--	13.80
22...	1115	--	--	21.00	AUG				
FEB					24...	1305	--	--	18.00
17...	0950	--	--	20.40					
MAR									
24...	0940	--	--	20.00					



L-2315



L-2315

WATER YEARS

LEE COUNTY

WELL NUMBER.--263041081433101. Local Number L 1983.

LOCATION.--Lat 26°30'41", long 81°43'31", in SW1/4SW1/4 sec.33, T.45 S., R.26 E., Hydrologic Unit 03090204, at Florida Cities well field, 1.3 mi north of Alico Road, and 7.2 mi northeast of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 345 ft, cased to 321 ft, open hole 321 to 345 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape. (Corrected).

DATUM.--Land-surface datum is 26.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of cap, 2.32 ft above land-surface datum.

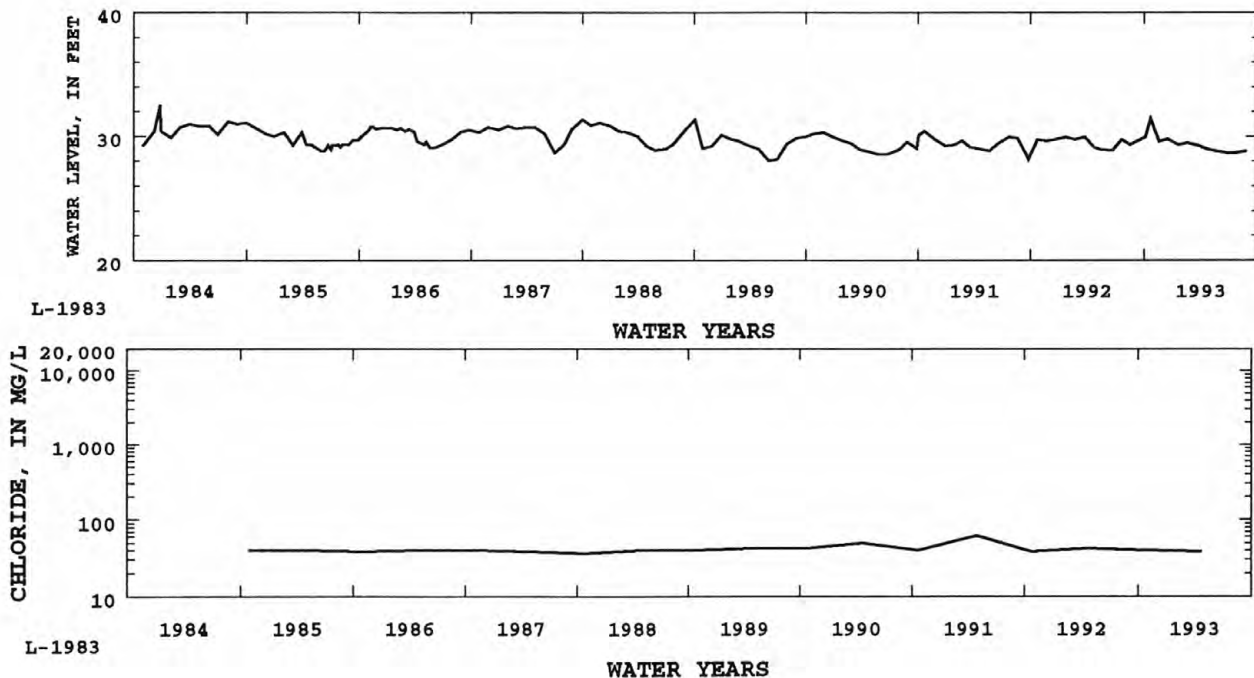
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.1 ft NGVD, Oct. 29, 1975; lowest measured, 28.38 ft NGVD, June 1, 1989.

263041081433101 - L -1983

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	1110	--	--	29.92	23...	0750	736	38	28.93
21...	1330	726	40	31.43	MAY				
NOV					20...	1145	--	--	28.81
18...	0755	--	--	29.60	JUN				
DEC					23...	1245	--	--	28.62
15...	1415	--	--	29.77	JUL				
JAN					21...	1525	--	--	28.63
20...	1310	--	--	29.32	AUG				
FEB					26...	0805	--	--	28.79
16...	1510	--	--	29.49					
MAR									
23...	1245	--	--	29.27					



LEE COUNTY

WELL NUMBER.--263041081433102. Local Number L 1998.

LOCATION.--Lat 26°30'41", long 81°43'31", in SW1/4SW1/4 sec.33, T.45 S., R.26 E., Hydrologic Unit 03090204, at Florida Cities well field, 1.3 mi north of Alico Rd., and 7.2 mi northeast of Estero Post Office. Owner: Florida Cities Water Co.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 112 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 160 ft, cased to 100 ft, open hole 100 to 160 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 26.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.61 ft above land-surface datum.

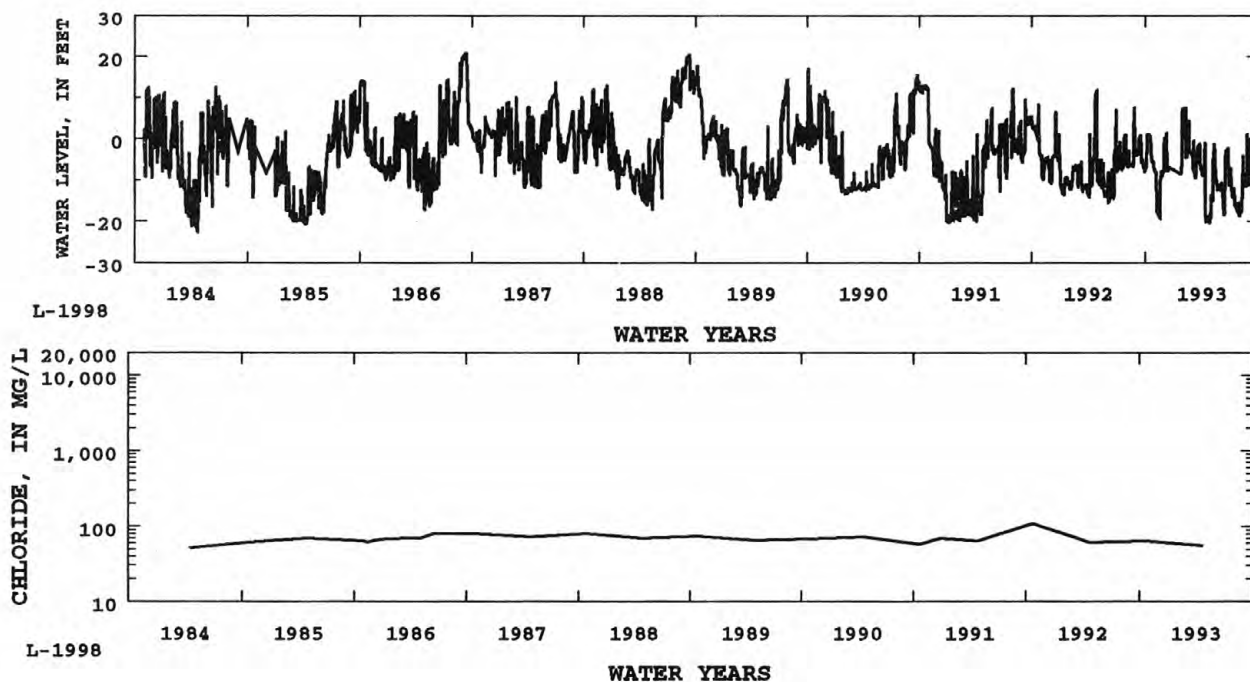
REMARKS.--Water levels affected by pumping of nearby wells. Well also sampled for water quality.

PERIOD OF RECORD.--November 1974 to current year. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 22.63 ft NGVD, Sept. 26, 1975; lowest, 24.41 ft below NGVD, Oct. 29, 1981.

STATION NUMBER 263041081433102 L -1998
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-6.81	-8.07	-.95	---	7.46	-7.81	-7.04	-15.01	-11.38	-7.42	-16.49	-10.80
10	1.09	-18.09	-7.87	---	-4.50	-8.90	-3.94	-4.96	-11.42	-13.95	-13.66	2.03
15	.63	-18.70	-7.06	---	-1.28	-7.97	-19.98	-9.45	-5.42	-11.80	-9.02	-7.68
20	-3.58	-8.80	---	---	-2.57	-2.29	-20.19	-10.55	-3.40	-16.16	-11.44	-8.07
25	-5.50	-8.81	---	-8.29	-3.32	-1.74	-20.25	-11.20	-2.43	-17.41	1.20	-8.33
EOM	-7.53	-8.00	---	.37	-3.54	-7.42	-19.31	-12.34	-10.62	-18.66	-.37	-1.14
MEAN	-3.36	-12.04	---	---	-.25	-5.21	-14.62	-10.16	-9.01	-13.98	-10.76	-6.98
MAX	1.09	-7.67	---	---	7.46	-.33	-.88	-1.29	-2.41	-7.42	1.20	4.64
MIN	-7.65	-19.21	---	---	-4.53	-9.60	-20.59	-15.01	-18.54	-18.66	-18.66	-10.96



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263041081433103. Local Number L 1999.

LOCATION.--Lat 26°30'41", long 81°43'31", in SW1/4SW1/4 sec.33, T.45 S., R.26 E., Hydrologic Unit 03090204, at Florida Cities well field, 1.3 mi north of Alico Road, and 7.2 mi northeast of Estero Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 26 ft, cased to 16 ft, open hole 16 to 26 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.32 ft above land-surface datum.

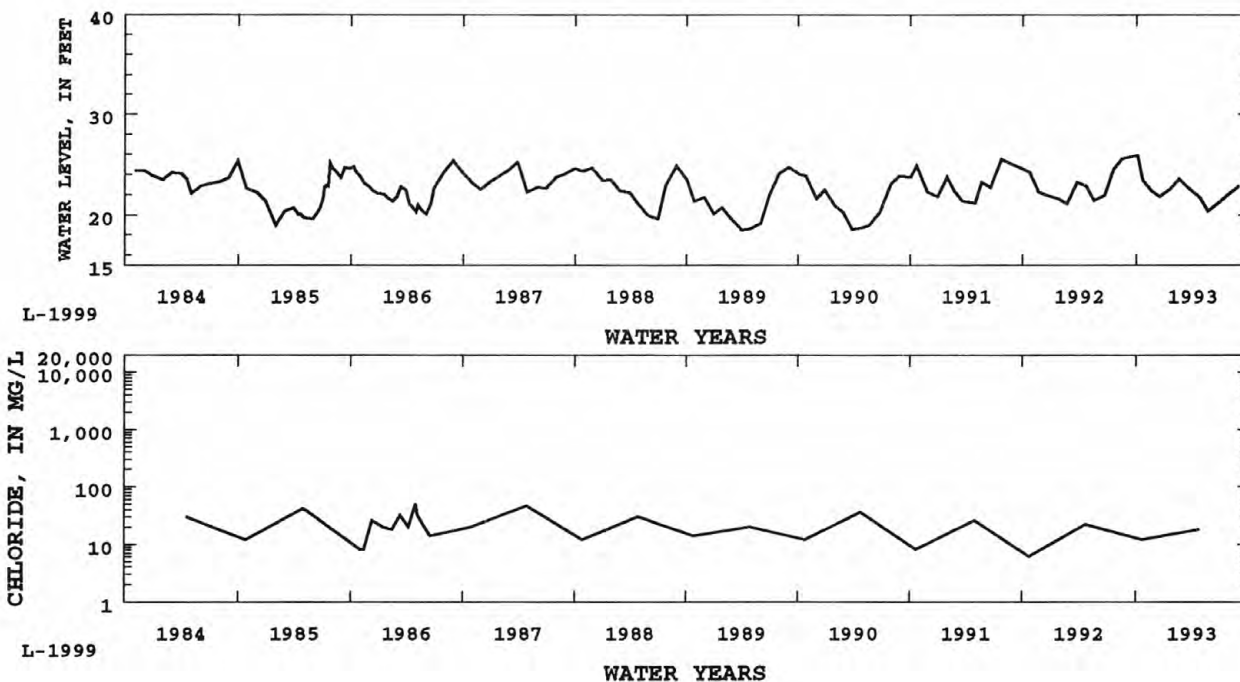
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--November 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.85 ft NGVD, Oct. 6, 1992; lowest measured, 18.46 ft NGVD, Mar. 31, 1989.

263041081433103 - L -1999

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1105	--	--	25.85	23...	0755	621	18	21.72
21...	1335	628	12	23.41	MAY				
NOV					20...	1140	--	--	20.37
18...	0750	--	--	22.40	JUN				
DEC					23...	1240	--	--	21.21
15...	1410	--	--	21.81	JUL				
JAN					21...	1525	--	--	21.95
20...	1305	--	--	22.57	AUG				
FEB					26...	0800	--	--	22.81
16...	1510	--	--	23.51					
MAR									
23...	1245	--	--	22.50					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

485

WELL NUMBER.--263115081483501. Local Number L 5641.

LOCATION.--Lat 26°31'15", long 81°48'35", in sec.33, T.45 S., R.25 E., Hydrologic Unit 03090204, at golf course in Fiddlesticks development, 3/4 mi west of I-75 on Daniels Road and 1 1/2 mi south on Palomino Street to gate house, 1/4 mi west on Fiddlesticks Boulevard to Cannongate Drive, 0.1 mi south to Tweeddale Circle. Golf cart path is behind lot 300.

AQUIFER.--Suwannee aquifer of the Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 1410 ft, cased to 940 ft, open hole 940 to 1410 ft.

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 26.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. coupling, 1.70 ft above land-surface datum.

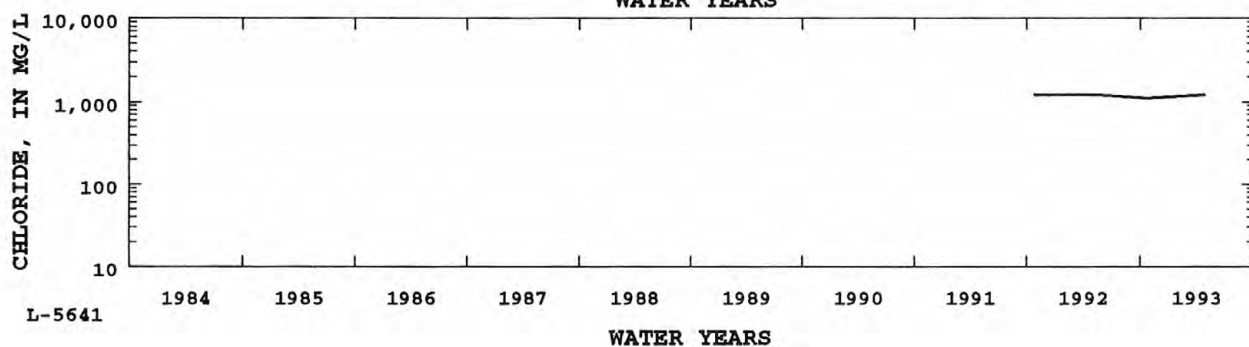
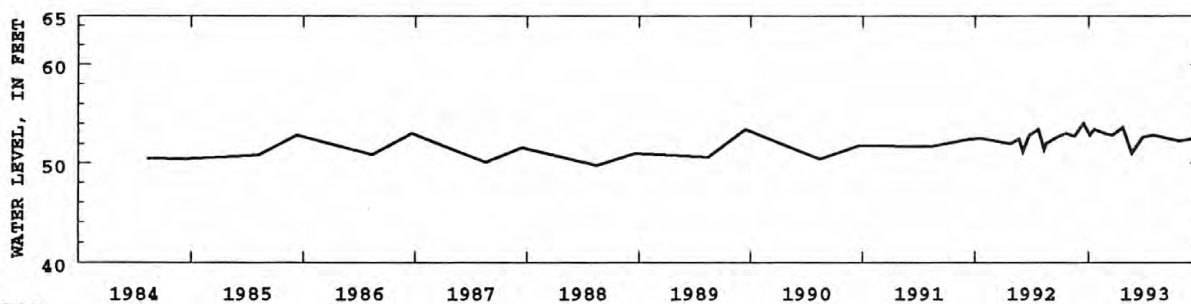
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.0 ft NGVD, Sept. 14, 1992; lowest measured, 49.8 ft NGVD, May 16, 1988.

263115081483501 - L -5641

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
05...	1620	--	--	52.80	26...	0915	4540	1200	52.80
19...	0920	4560	1100	53.40	MAY				
NOV					18...	1200	--	--	52.70
19...	1540	--	--	53.00	JUN				
DEC					24...	0810	--	--	52.40
16...	0820	--	--	52.80	JUL				
JAN					20...	1515	--	--	52.20
20...	0830	--	--	53.60	AUG				
FEB					25...	0750	--	--	52.40
17...	0730	--	--	51.00	SEP				
MAR					13...	1250	--	--	52.60
25...	0850	--	--	52.60					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263115081483502. Local Number L 5801.

LOCATION.--Lat 26°31'15", long 81°48'35", in sec.33, T.45 S., R.25 E., Hydrologic Unit 03090204, at golf course in Fiddlesticks development, 3/4 mi west of I-75 on Daniels Road and 1 1/2 mi south on Palomino Street to gate house, 1/4 mi west on Fiddlesticks Boulevard to Cannongate Drive, 0.1 mi south to Tweedale Circle. Golf cart path is behind lot 300.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 1 in., depth 635 ft, cased to 450 ft, open hole 450 to 635 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 26.1 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. coupling on well L 5641, 1.70 ft above land-surface datum.

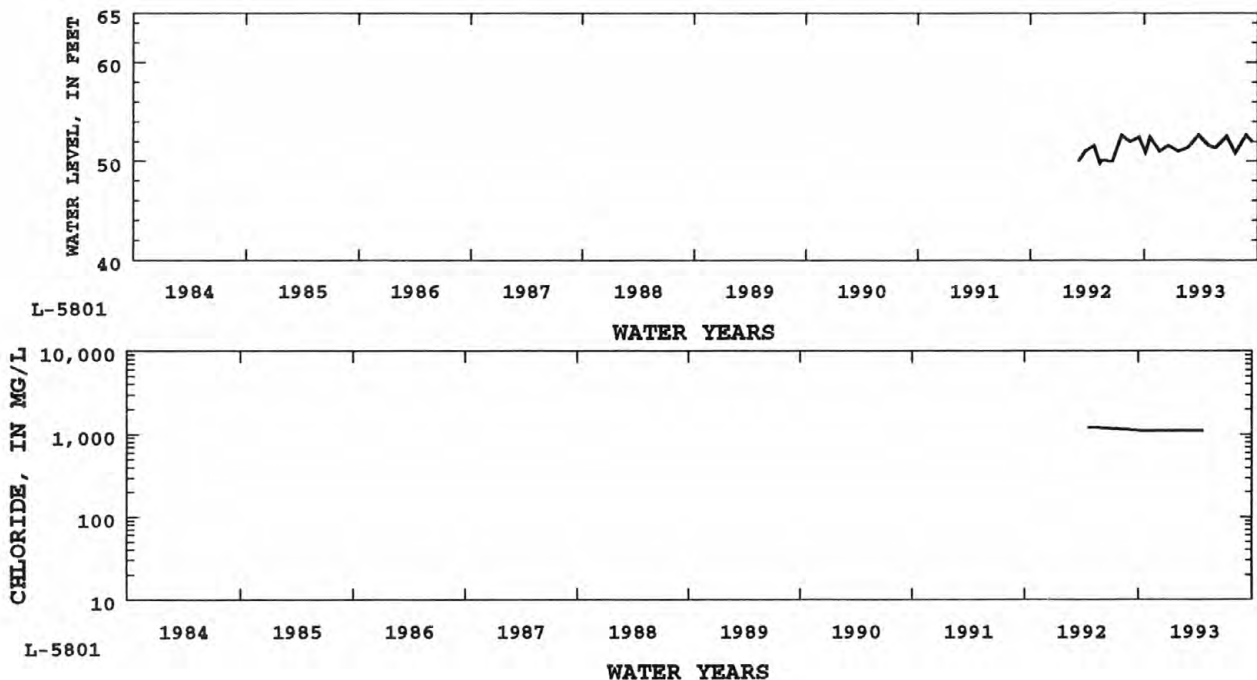
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--March 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.6 ft NGVD, July 22, 1992, Mar. 25 and Aug. 25, 1993; lowest measured, 49.8 ft NGVD, May 11, 1992.

263115081483502 - L -5801

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L				ANCE	(MG/L	
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
05...	1620	--	--	50.90	26...	0915	4330	1100	51.60
19...	0920	4330	1100	52.40	MAY				
NOV					18...	1205	--	--	51.30
19...	1545	--	--	51.00	JUN				
DEC					24...	0810	--	--	52.50
16...	0830	--	--	51.60	JUL				
JAN					20...	1520	--	--	50.80
20...	0840	--	--	51.00	AUG				
FEB					25...	0720	--	--	52.60
19...	0730	--	--	51.40	SEP				
MAR					13...	1300	--	--	52.00
25...	0850	--	--	52.60					



LEE COUNTY

WELL NUMBER.--263117082051001. Local Number L 2525.

LOCATION.--Lat 26°31'17", long 82°05'10", in SE1/4SW1/4 sec.26, T.45 S., R.22 E., Hydrologic Unit 03100103, at intersection of Pine Island Boulevard and Castile Road and 0.9 mi north of Saint James City Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 645 ft, cased to 405 ft, open hole 405 to 645 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 3.89 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.30 ft above land-surface datum.

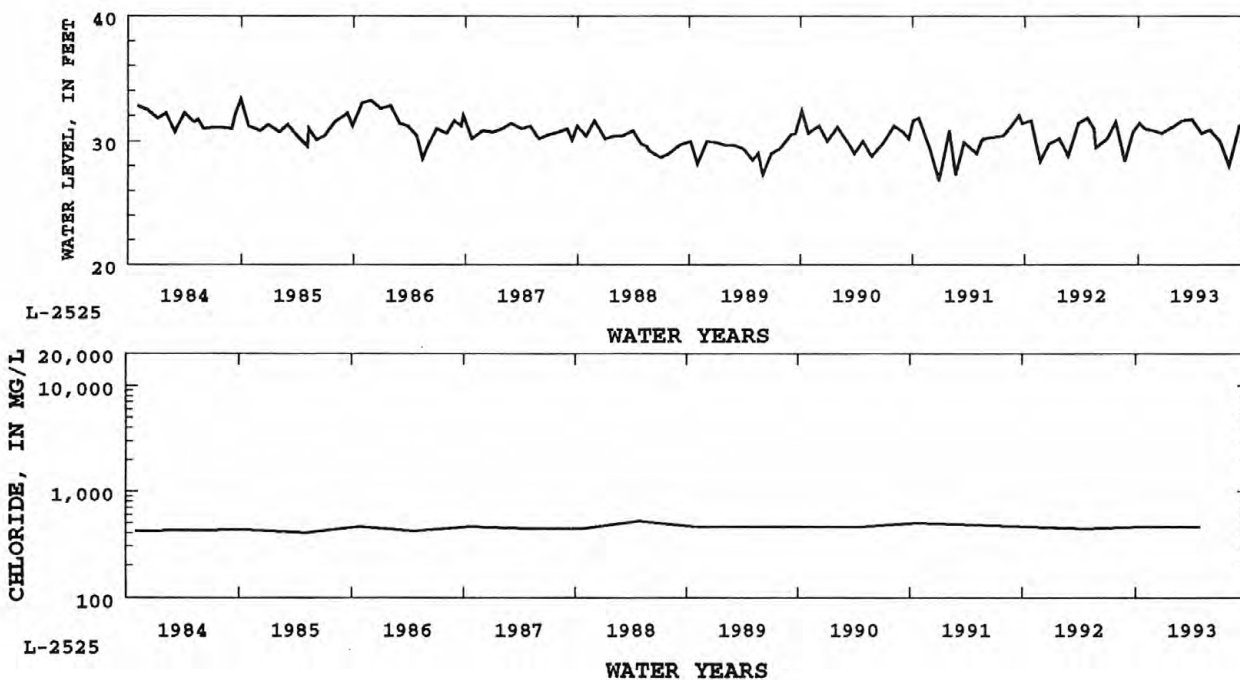
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1977 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 34.2 ft NGVD, Sept. 30, 1981; lowest measured, 25.4 ft NGVD, Aug. 28, 1980.

263117082051001 - L -2525

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
05...	1330	--	--	31.40	23...	1420	2080	460	30.60
19...	1425	2070	460	31.00	MAY				
NOV					20...	0635	--	--	30.90
17...	0920	--	--	30.80	JUN				
DEC					21...	1400	--	--	30.00
15...	1120	--	--	30.60	JUL				
JAN					21...	1055	--	--	28.00
20...	1030	--	--	31.10	AUG				
FEB					23...	1310	--	--	31.20
19...	0845	--	--	31.60	SEP				
MAR					13...	1245	--	--	31.40
23...	0950	--	--	31.70					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263117082051002. Local Number L 2821.

LOCATION.--Lat 26°31'17", long 82°05'10", in SE1/4SW1/4 sec.26, T.45 S., R.22 E., Hydrologic Unit 03100103, at intersection of Pine Island Boulevard and Castile Road and 0.9 mi north of Saint James City Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 340 ft, cased to 290 ft, open hole 290 to 340 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 3.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.60 ft above land-surface datum.

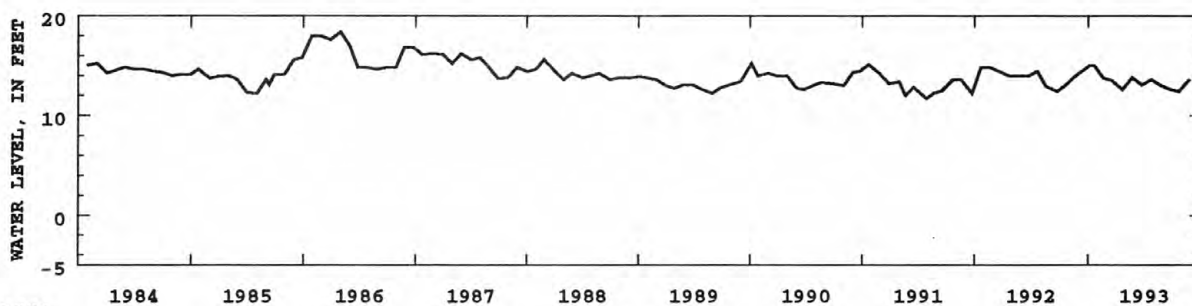
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year.

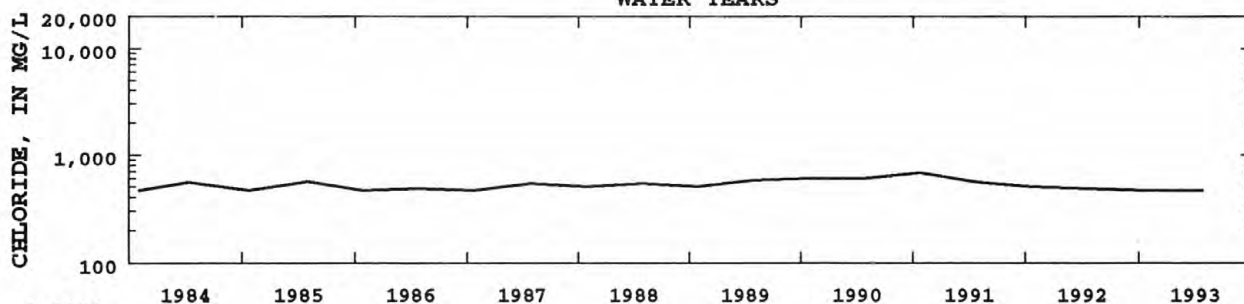
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.4 ft NGVD, Jan. 28, 1986; lowest measured, 11.7 ft NGVD, Apr. 29, 1991.

263117082051002 - L -2821

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPR- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPR- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1330	--	--	15.00	23...	1425	2080	460	13.60
19...	1430	2110	460	15.00	MAY				
NOV					20...	0635	--	--	13.10
17...	0915	--	--	13.80	JUN				
DEC					21...	1400	--	--	12.60
15...	1125	--	--	13.50	JUL				
JAN					21...	1055	--	--	12.40
20...	1035	--	--	12.60	AUG				
FEB					23...	1310	--	--	13.60
19...	0840	--	--	13.80					
MAR									
23...	0950	--	--	13.10					



L-2821



L-2821

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

489

WELL NUMBER.--263117082051003. Local Number L 3215.

LOCATION.--Lat 26°31'17", long 82°05'10", in SE1/4SW1/4 sec.26, T.45 S., R.22 E., Hydrologic Unit 03100103, at intersection of Pine Island Boulevard and Castile Road and 0.9 mi north of Saint James Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft, slotted 8 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 3.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.86 ft above land-surface datum.

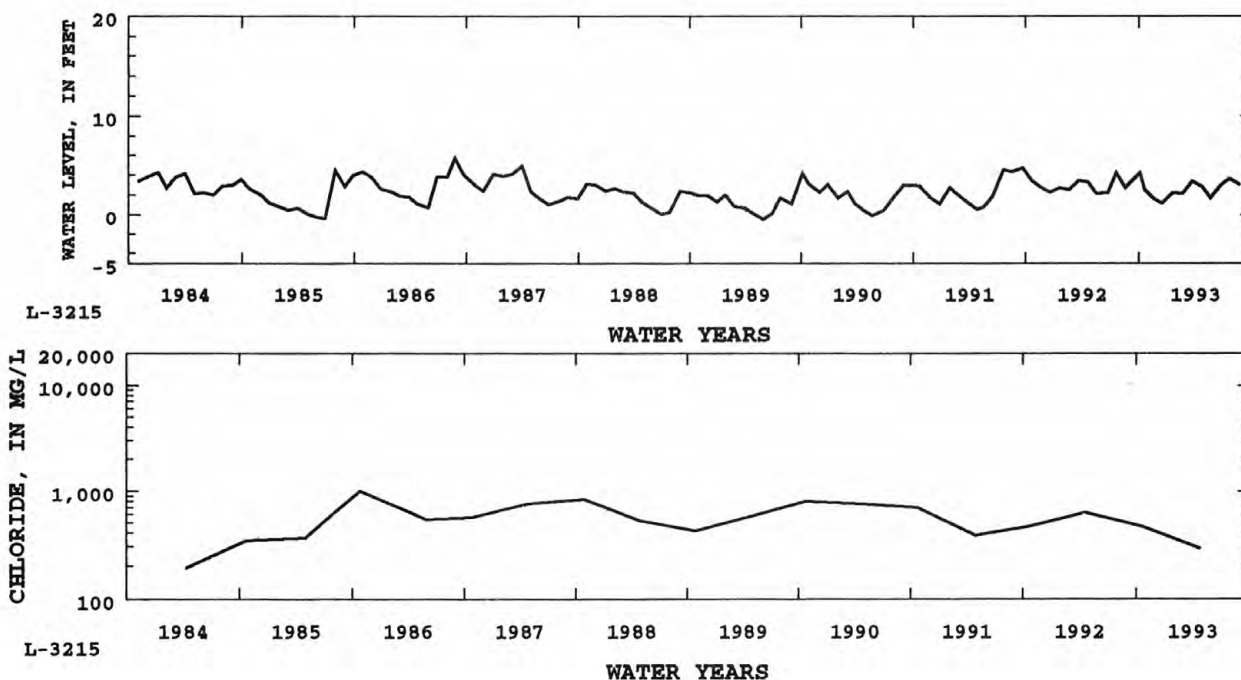
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.69 ft NGVD, Aug. 25, 1986; lowest measured, 0.49 ft below NGVD, May 30, 1989.

263117082051003 - L -3215

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1330	--	--	4.19	23...	1430	1400	290	2.83
19...	1435	2030	460	2.55	MAY				
NOV					20...	0630	--	--	1.68
17...	0915	--	--	1.64	JUN				
DEC					21...	1355	--	--	2.98
15...	1125	--	--	1.17	JUL				
JAN					21...	1055	--	--	3.61
20...	1035	--	--	2.20	AUG				
FEB					23...	1310	--	--	3.06
19...	0840	--	--	2.13					
MAR									
23...	0955	--	--	3.34					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263124081521401. Local Number L 1089.

LOCATION.--Lat 26°31'24", long 81°52'14", in NW1/4NW1/4 sec.36, T.45 S., R.24 E., Hydrologic Unit 03090205, 250 ft east of US 41, and 500 ft south of Old Gladiolus Road. Owner: Jamaica Bay West.

AQUIFER.--Mid Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 225 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.86 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of coupling, 0.96 ft above land-surface datum.

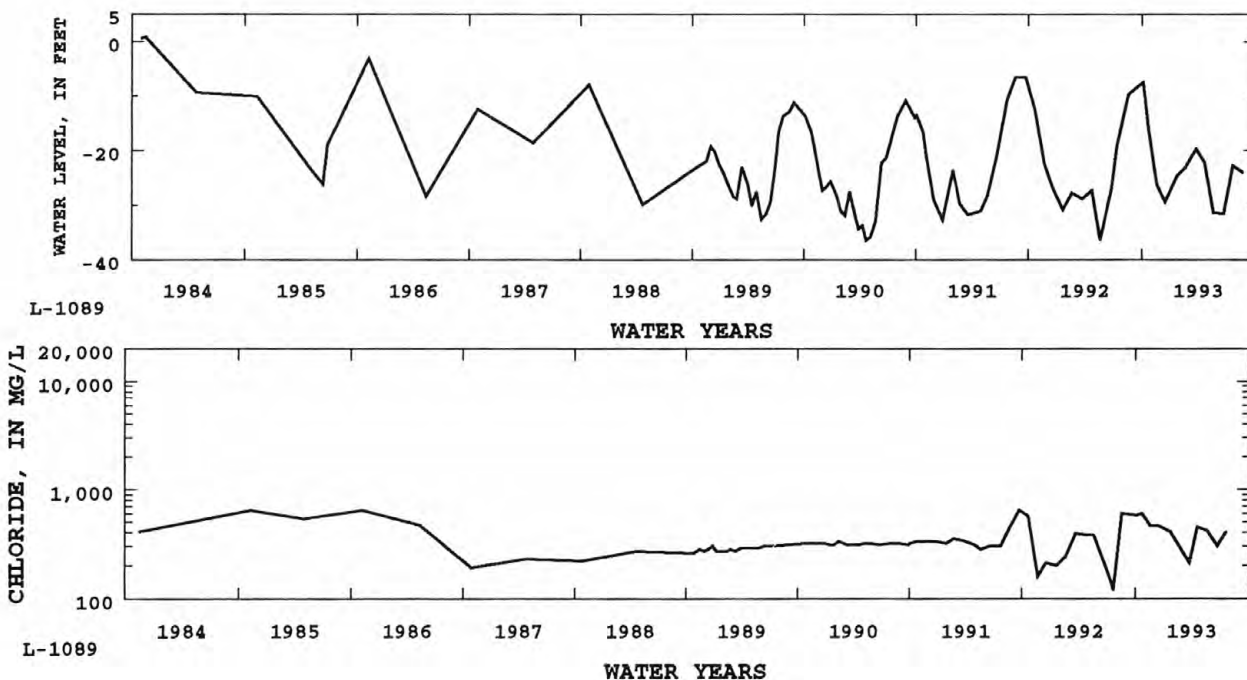
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--July 1970 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.04 ft NGVD, Aug. 19, 1970; lowest, 36.48 ft below NGVD, Apr. 23, 1990.

263124081521401 - L -1089

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1150	2580	580	-7.46	19...	0715	1650	450	-22.22
21...	1305	2430	600	-15.86	MAY				
NOV					19...	1115	1760	420	-31.39
17...	1315	1850	460	-26.29	JUN				
DEC					21...	1310	1110	300	-31.55
14...	1410	1790	460	-29.45	JUL				
JAN					20...	1550	1650	410	-22.76
21...	1600	1630	410	-24.75	AUG				
FEB					23...	1000	--	--	-24.10
17...	1445	--	--	-23.16					
MAR									



LEE COUNTY

WELL NUMBER.--263127081351602. Local Number L 2215.

LOCATION.--Lat 26°31'27", long 81°35'16", in NW1/4NE1/4 sec.35, T.45 S., R.27 E., Hydrologic Unit 03090205, at State Road 82, 1.5 mi west of Hendry County Line, and 7.6 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 149 ft, cased to 99 ft, screened 99 to 149 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.31 ft above land-surface datum.

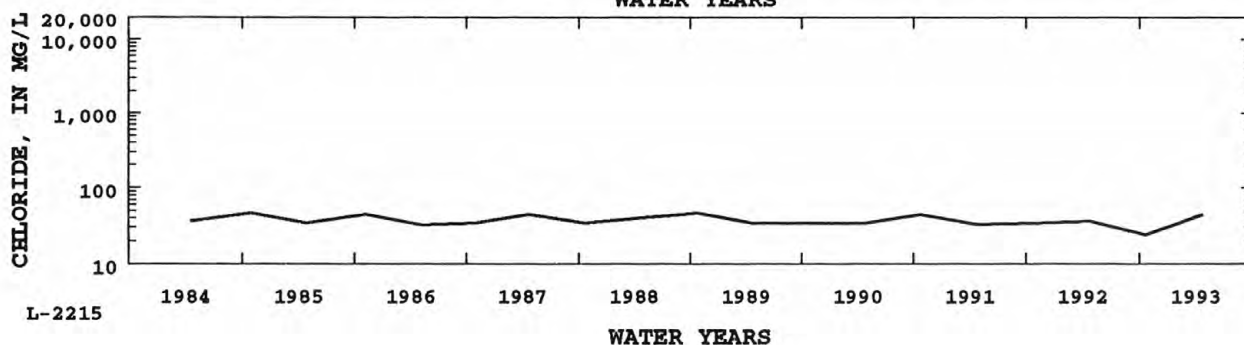
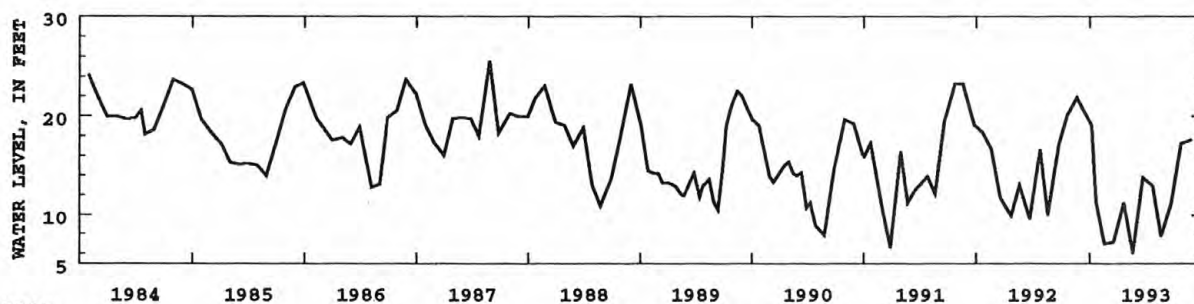
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.97 ft NGVD, Aug. 30, 1978; lowest measured, 6.06 ft NGVD, Feb. 16, 1993.

263127081351602 - L -2215

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1610	--	--	19.01	22...	1200	760	44	12.99
23...	1335	631	24	11.30	MAY				
NOV					19...	1410	--	--	7.81
18...	0850	--	--	6.98	JUN				
DEC					22...	1350	--	--	11.24
18...	1125	--	--	7.17	JUL				
JAN					23...	1350	--	--	17.24
19...	1355	--	--	11.19	AUG				
FEB					25...	1355	--	--	17.62
16...	1330	--	--	6.06					
MAR									
22...	1315	--	--	13.74					



LEE COUNTY

WELL NUMBER.--263138081545801. Local Number L 730.

LOCATION.--Lat 26°31'27", long 81°35'16", in NW1/4NE1/4 sec.35, T.45 S., R.27 E., Hydrologic Unit 03090205, at State Road 82, 1.5 mi west of the Lee/Hendry County line, and 7.6 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 19 ft, cased to 18.7 ft, open hole 18.7 to 19 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 31.53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.37 ft above land-surface datum.

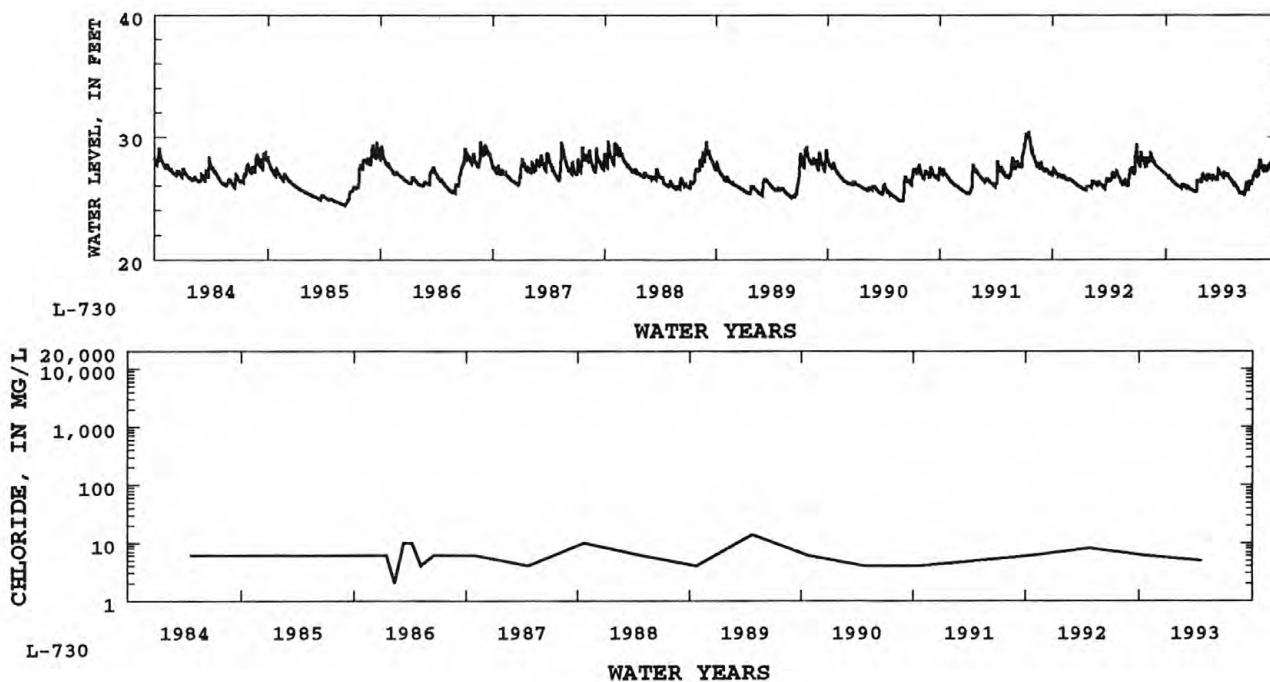
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1968 to current year. Records of water levels prior to October 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 30.48 ft NGVD, Oct. 30, 1969; lowest, 24.40 ft NGVD, June 7, 1985.

STATION NUMBER 263138081545801 L - 730
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	26.06	25.79	25.48	26.53	26.66	27.14	26.20	25.37	26.29	27.53	27.37
10	26.71	25.96	25.86	26.42	26.43	26.48	26.93	26.13	25.31	26.80	27.52	27.75
15	26.60	25.88	25.81	26.35	26.85	26.63	26.78	25.93	25.96	27.08	27.35	27.40
20	26.44	25.85	25.70	26.35	26.59	27.18	26.79	25.73	26.23	27.02	27.17	27.20
25	26.32	26.10	25.63	26.40	26.54	26.99	26.59	25.48	25.96	26.89	27.44	26.98
EOM	26.14	26.01	25.52	26.72	26.84	26.80	26.41	25.38	26.34	28.00	27.65	27.15
MEAN	---	25.99	25.74	26.23	26.65	26.81	26.77	25.86	25.78	26.93	27.48	27.37
MAX	---	26.14	25.93	26.90	26.89	27.31	27.14	26.37	26.39	28.04	27.97	27.97
MIN	---	25.78	25.52	25.48	26.41	26.43	26.41	25.37	25.24	26.21	27.13	26.96



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

493

WELL NUMBER.--263138082112801. Local Number L 5766.

LOCATION.--Lat 26°31'38", long 82°11'28", in NW1/4SW1/4 sec.26, T.45 S., R.21 E., Hydrologic Unit 03100103, behind two storage sheds, 350 ft southwest of the South Seas Plantation Dive Shop, 0.2 mi northeast of Captiva Post Office. Owner: South Seas Plantation.

AQUIFER.--Suwannee aquifer of the Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Driven, observation, artesian well, diameter 4 in., depth 730 ft, cased to 686 ft, open hole 686 to 730 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 5.27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. by 2 in. reducer, 2.30 ft above land-surface datum.

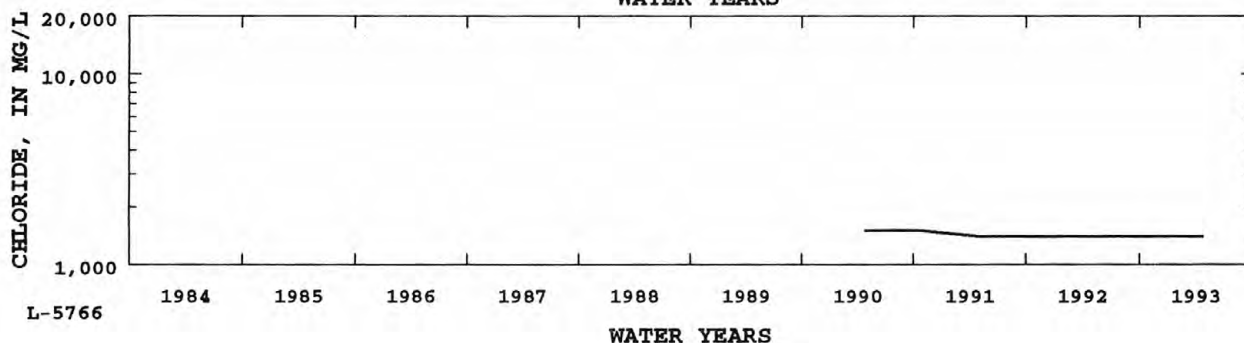
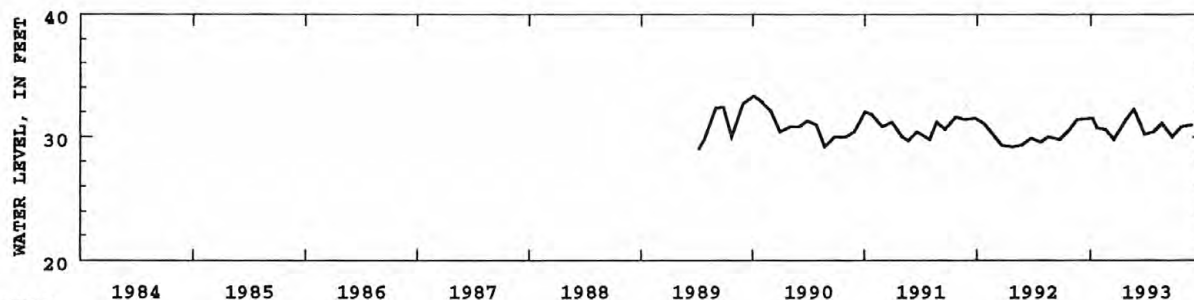
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.3 ft NGVD, Oct. 5, 1989; lowest measured, 29.0 ft NGVD, Apr. 7, 1989.

263138082112801 - L -5766

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	(MG/L	NGVD			SOLVED	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
07...	0940	--	--	31.50	23...	1205	5190	1400	30.40
21...	1040	5190	1400	30.70	MAY				
NOV					19...	0920	--	--	31.10
18...	0950	--	--	30.60	JUN				
DEC					21...	1045	--	--	30.00
14...	0950	--	--	29.80	JUL				
JAN					21...	1015	--	--	30.80
22...	1130	--	--	31.40	AUG				
FEB					24...	1320	--	--	31.00
17...	1000	--	--	32.20					
MAR									
24...	0945	--	--	30.20					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263233081550301. Local Number L 1598.

LOCATION.--Lat 26°32'33", long 81°55'03", in NW1/4SW1/4 sec.21, T.45 S., R.24 E., Hydrologic Unit 03090205, 400 ft west of intersection of South Town and River Drive and McGregor Boulevard, and 2.1 mi southeast of Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 176 ft, cased to 137 ft, open hole 137 to 176 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.52 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

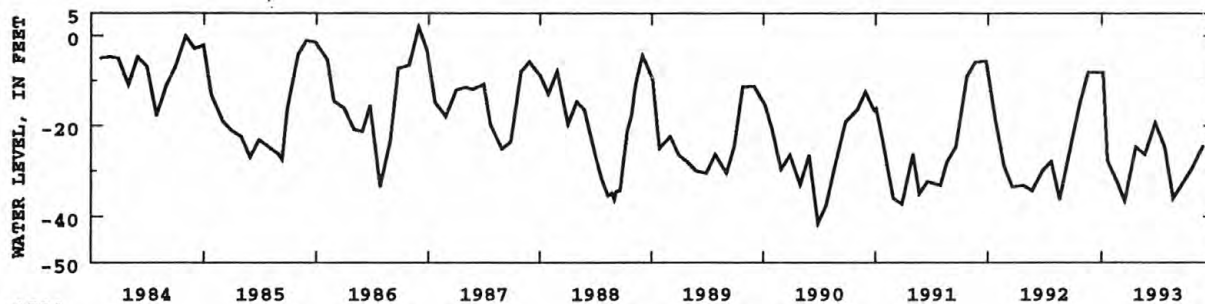
REMARKS.--Well also sampled for water quality. Well casing corroding. Well needs to be replaced. (Corrected).

PERIOD OF RECORD.--July 1972 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

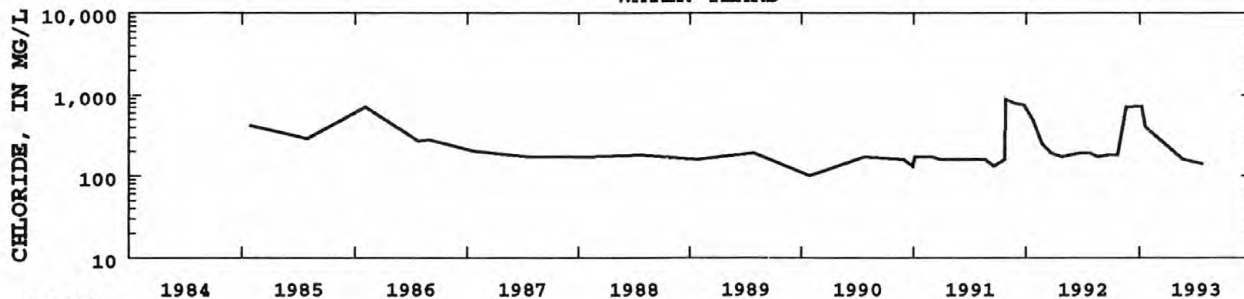
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.01 ft NGVD, Aug. 29, 1973; lowest measured, 41.66 ft below NGVD, Mar. 29, 1990.

263233081550301 - L -1598

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	1215	3210	720	-8.10	22...	1605	793	140	-24.84
20...	0735	1740	400	-27.60	MAY				
NOV					19...	0700	--	--	-36.11
18...	1415	--	--	-32.13	JUN				
DEC					21...	0815	--	--	-32.50
14...	0750	--	--	-36.56	JUL				
JAN					21...	0735	--	--	-29.20
19...	1500	--	--	-24.59	AUG				
FEB					24...	0940	--	--	-24.32
17...	1510	720	160	-26.35					
MAR									
23...	1420	--	--	-19.44					



L-1598



L-1598

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

495

WELL NUMBER.--263242081572101. Local Number L 2244.

LOCATION.--Lat 26°32'42", long 81°57'21", in NW1/4NW1/4SE1/4 sec.19, T.45 S., R.23 E., Hydrologic Unit 03090205, in front yard of 931 Dolphin Drive and 1.5 mi southwest of Cape Coral Post Office. Owner: City of Cape Coral.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 207 ft, cased to 150 ft, open hole 150 to 207 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.80 ft below land-surface datum.

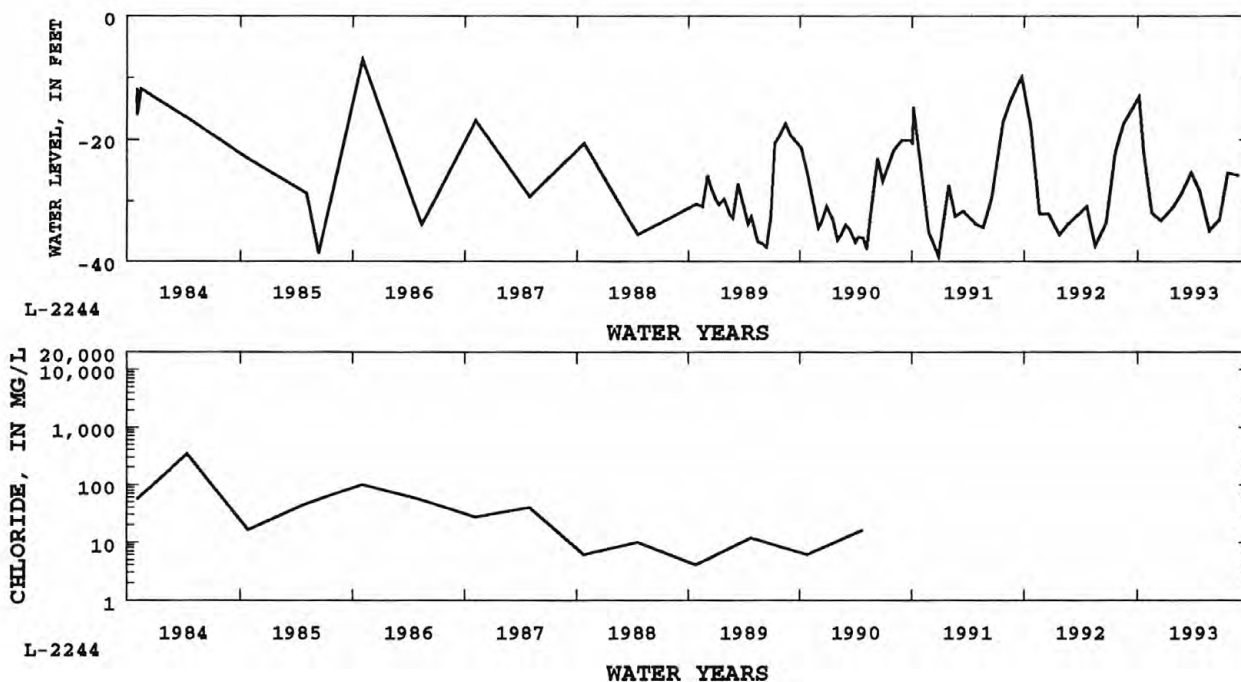
PERIOD OF RECORD.--December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.29 ft below NGVD, Sept. 25, 1979; lowest measured, 39.20 ft below NGVD, Dec. 27, 1990.

263242081572101 - L -2244

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
05...	1005	-13.15	19...	1145	-28.34
19...	1050	-22.03	MAY		
NOV			19...	1250	-34.98
16...	1340	-32.02	JUN		
DEC			22...	1005	-33.02
14...	1305	-33.24	JUL		
JAN			19...	0950	-25.42
21...	0910	-31.17	AUG		
FEB			23...	0950	-25.93
17...	1150	-29.04			
MAR					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263246081531501. Local Number L 1124.

LOCATION.--Lat 26°32'46", long 81°53'15", in SW1/4NW1/4 sec. 23, T.45 S., R.24 E., Hydrologic Unit 03090204, 75 ft northwest of the intersection of Summerland Road and Cypress Lake Drive. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 230 ft, cased to 126 ft, open hole 126 to 230 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.28 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. PVC coupling, 1.90 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

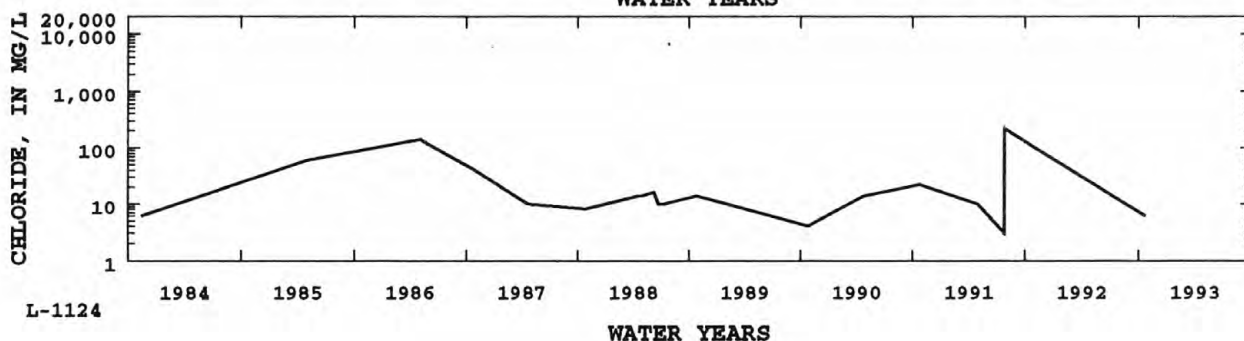
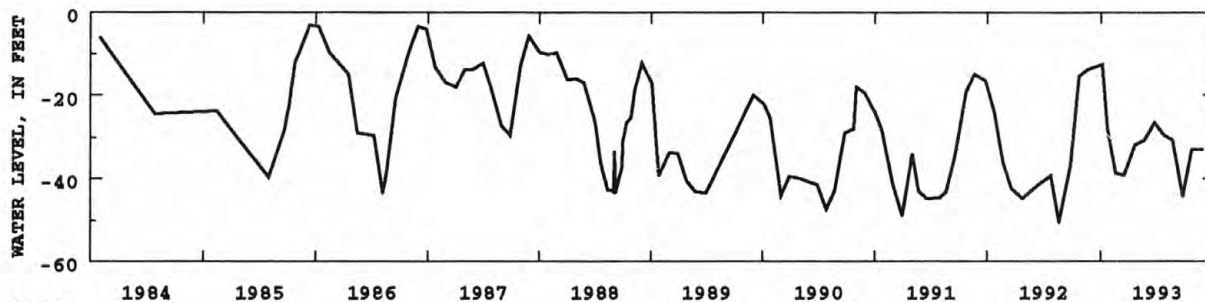
PERIOD OF RECORD.--August 1970 to current year. Records of water levels prior to October 1984 are available in files of the Geological Survey. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.59 ft NGVD, Aug. 18, 1970; lowest measured, 50.66 ft below NGVD, May 19, 1992.

263246081531501 - L -1124

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1210	--	--	-12.65	22...	1630	--	--	-29.49
21...	0715	320	6.0	-27.82	MAY				
NOV					19...	0630	--	--	-30.64
18...	0700	--	--	-38.67	JUN				
DEC					21...	1330	--	--	-44.32
14...	0735	--	--	-39.21	JUL				
JAN					21...	0730	--	--	-33.05
19...	1505	--	--	-31.82	AUG				
FEB					24...	0820	--	--	-32.93
17...	1240	--	--	-30.84					
MAR									
23...	1430	--	--	-26.54					



LEE COUNTY

WELL NUMBER.--263249081474401. Local Number L 5648.

LOCATION.--Lat 26°32'49", long 81°47'44", in SW1/4NE1/4 sec.22, T.45 S., R.24 E., Hydrologic Unit 03090204, on the north side of Daniels Road, 600 ft west of I-75, 6.5 mi southeast of Ft. Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 123 ft, cased to 118 ft, screened 118 to 123 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of PVC threaded coupling, 2.89 ft above land-surface datum.

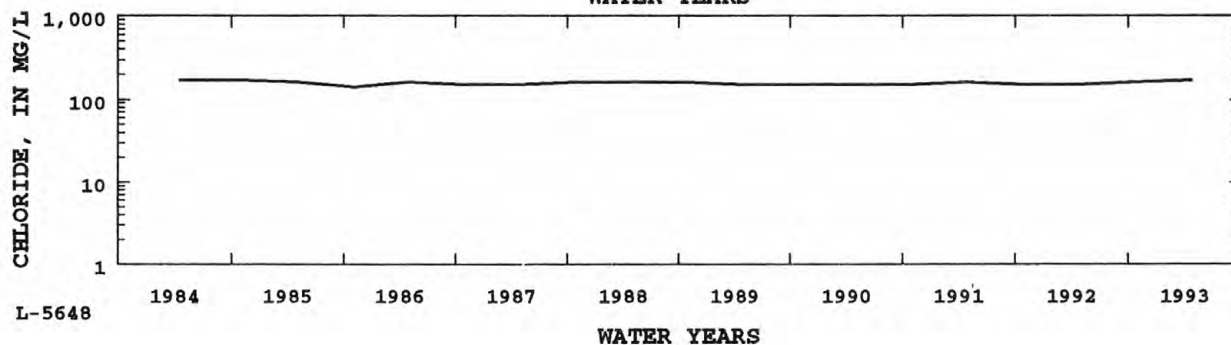
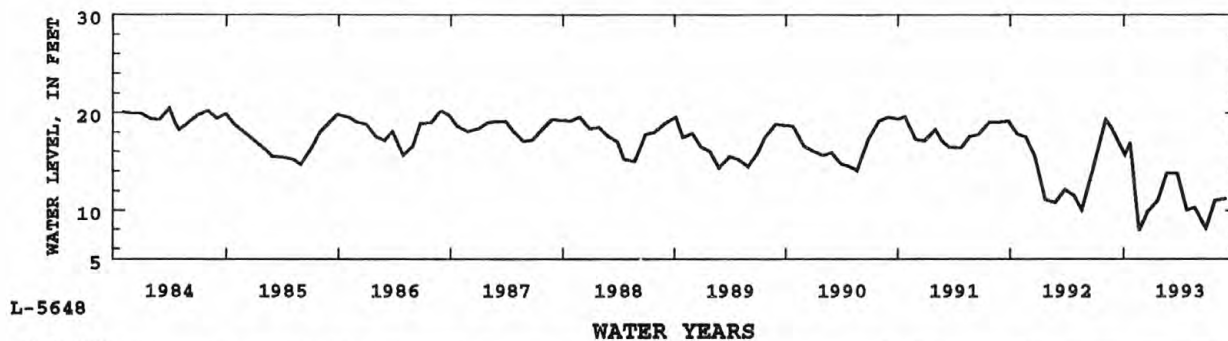
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--June 1982 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.57 ft NGVD, Sept. 28, 1983; lowest measured, 7.91 ft NGVD, Nov. 19, 1992.

263249081474401 - L -5648

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	1605	--	--	15.71	23...	0935	944	170	10.03
23...	1720	921	160	16.96	MAY				
NOV					18...	1230	--	--	10.33
19...	1335	--	--	7.91	JUN				
DEC					23...	1400	--	--	8.16
18...	1350	--	--	9.85	JUL				
JAN					22...	1400	--	--	11.03
20...	1425	--	--	11.04	AUG				
FEB					26...	0945	--	--	11.20
18...	1150	--	--	13.83					
MAR									
23...	1355	--	--	13.83					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263249081474402. Local Number L 5720.

LOCATION.--Lat 26°32'49", long 81°47'44", in SW1/4NE1/4 sec.22, T.45 S., R.24 E., Hydrologic Unit 03090204, on the north side of Daniels Road, 600 ft west of I-75, and 6.5 mi southeast of Ft. Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 30 ft, cased to 20 ft. Screened 20 to 30 ft, with .020 slot.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.28 ft above land-surface datum.

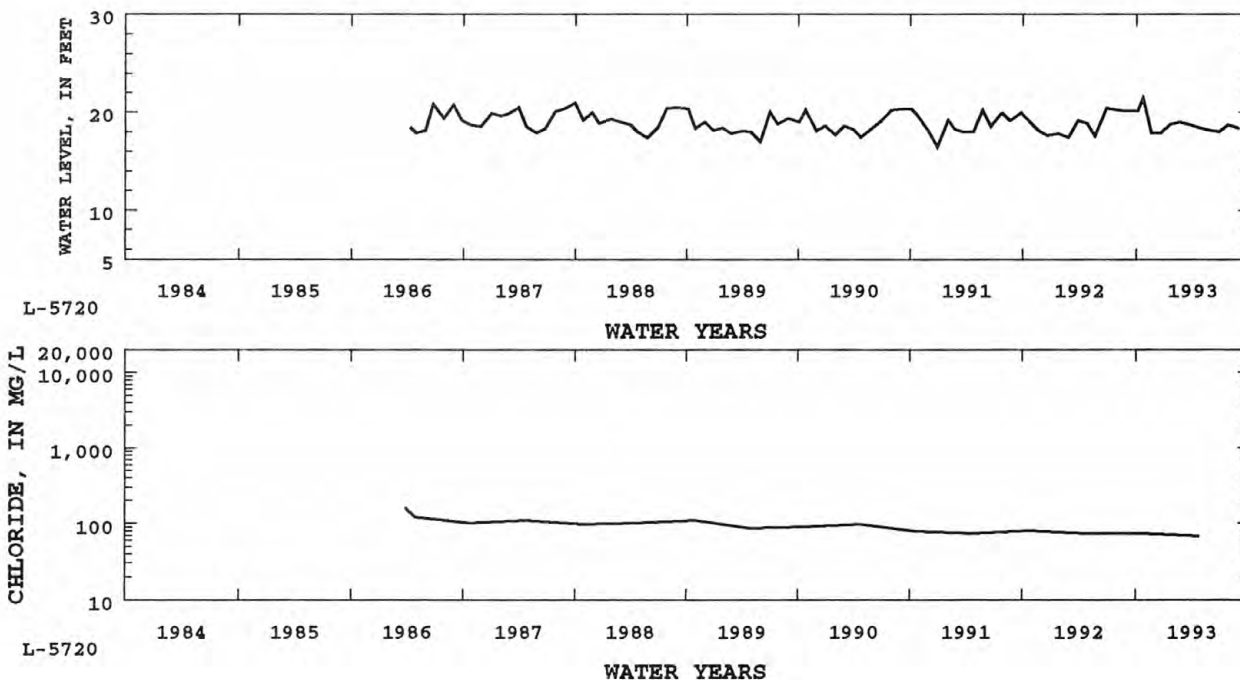
REMARKS.--Well also sampled for water quality.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.47 ft NGVD, Oct. 23, 1992; lowest measured, 16.45 ft NGVD, Dec. 26, 1990.

263249081474402 - L - 5720

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ATION	ANCE	ANCE	CON-	DIS-	ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
(US/CM)	(MG/L			NGVD	(US/CM)	(MG/L			NGVD
	AS CL)			(FEET)		AS CL)			(FEET)
OCT					APR				
05...	1615	--	--	20.15	23...	0940	841	68	18.40
23...	1720	877	74	21.47	MAY				
NOV					18...	1230	--	--	18.18
17...	1330	--	--	17.88	JUN				
DEC					23...	1400	--	--	18.04
18...	1550	--	--	17.91	JUL				
JAN					22...	1405	--	--	18.69
20...	1430	--	--	18.77	AUG				
FEB					26...	0945	--	--	18.35
18...	1155	--	--	19.00					
MAR									
23...	1355	--	--	18.75					



LEE COUNTY

WELL NUMBER.--263251081452801. Local Number L 1993.

LOCATION.--Lat 26°32'51", long 81°45'28", in SE1/4NE1/4 sec.24, T.45 S., R.25 E., Hydrologic Unit 03090204, 6.8 mi east of intersection of U.S. Highway 41 and Daniels Road, and 9.6 mi southeast of Fort Myers Post Office.

Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 242 ft, cased to 190 ft, open hole 190 to 242 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 24.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.27 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

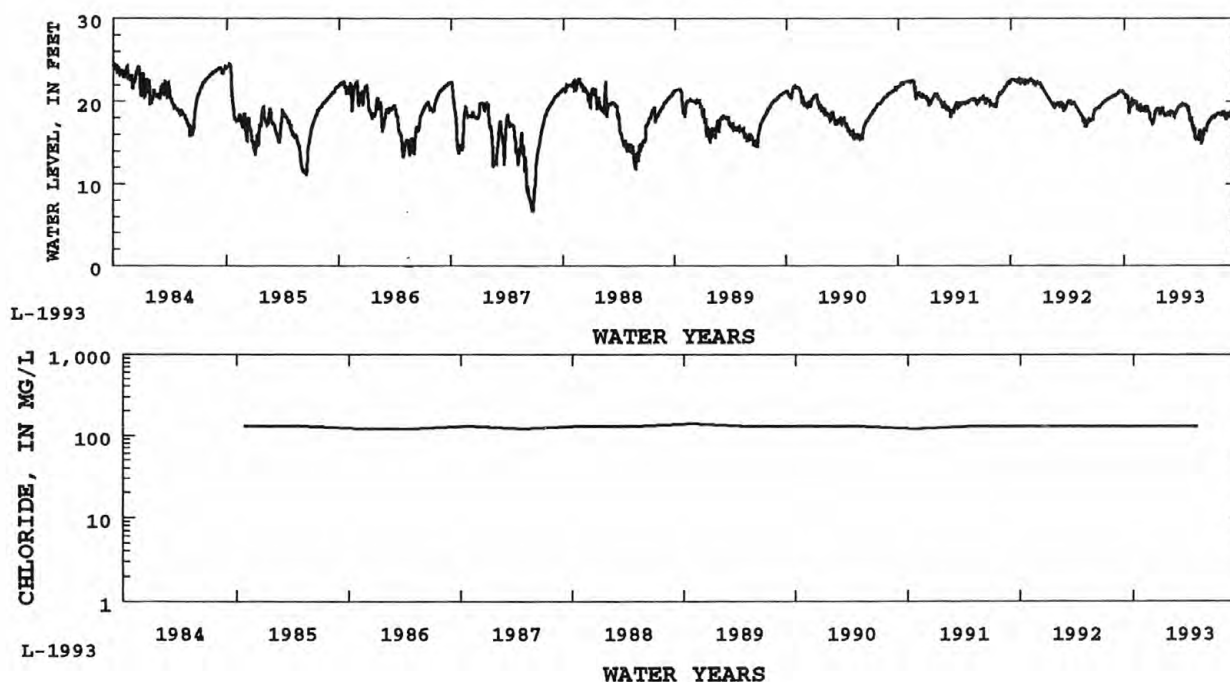
PERIOD OF RECORD.--December 1974 to current year. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 26.79 ft NGVD, Nov. 13, 1975 and Apr. 1-4, 1980; lowest, 6.60 ft NGVD, June 26, 1987.

STATION NUMBER 263251081452801 L -1993
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.85	19.96	19.25	17.81	18.54	18.75	19.65	18.01	15.60	17.71	18.67	18.23
10	20.57	19.76	18.79	18.81	18.24	18.29	19.67	17.22	15.33	17.93	18.31	18.32
15	19.42	19.61	19.50	19.17	18.46	18.43	19.51	16.48	16.25	18.22	18.56	18.12
20	19.41	19.51	18.64	19.16	18.34	18.94	19.62	15.57	16.54	18.28	18.51	18.06
25	20.19	18.97	17.73	18.53	18.44	19.27	19.14	15.53	16.93	18.36	17.89	17.16
EOM	19.78	19.21	17.44	19.18	18.84	19.52	18.25	16.00	17.43	18.63	18.66	17.55
MEAN	20.05	19.55	18.71	18.67	18.53	18.85	19.42	16.55	16.29	18.12	18.44	17.97
MAX	20.92	20.16	19.51	19.23	19.27	19.52	19.69	18.05	17.43	18.63	18.80	18.68
MIN	18.60	18.83	17.44	17.33	18.22	18.18	18.25	15.35	14.85	17.45	17.89	17.05

WTR YR 1993 MEAN 18.43 MAX 20.92 MIN 14.85



LEE COUNTY

WELL NUMBER.--263251081452802. Local Number L 1994.

LOCATION.--Lat 26°32'51", long 81°45'28", in NE1/4SE1/4 sec.24, T.45 S., R.25 E., Hydrologic Unit 03090204, 6.8 mi east of intersection of U.S. Highway 41 and Daniels Road, and 9.6 mi southeast of Fort Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 155 ft, cased 0 to 70 ft and 100 to 125 ft, screened 70 to 100 ft, open hole 125 to 155 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 24.75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.77 ft above land-surface datum.

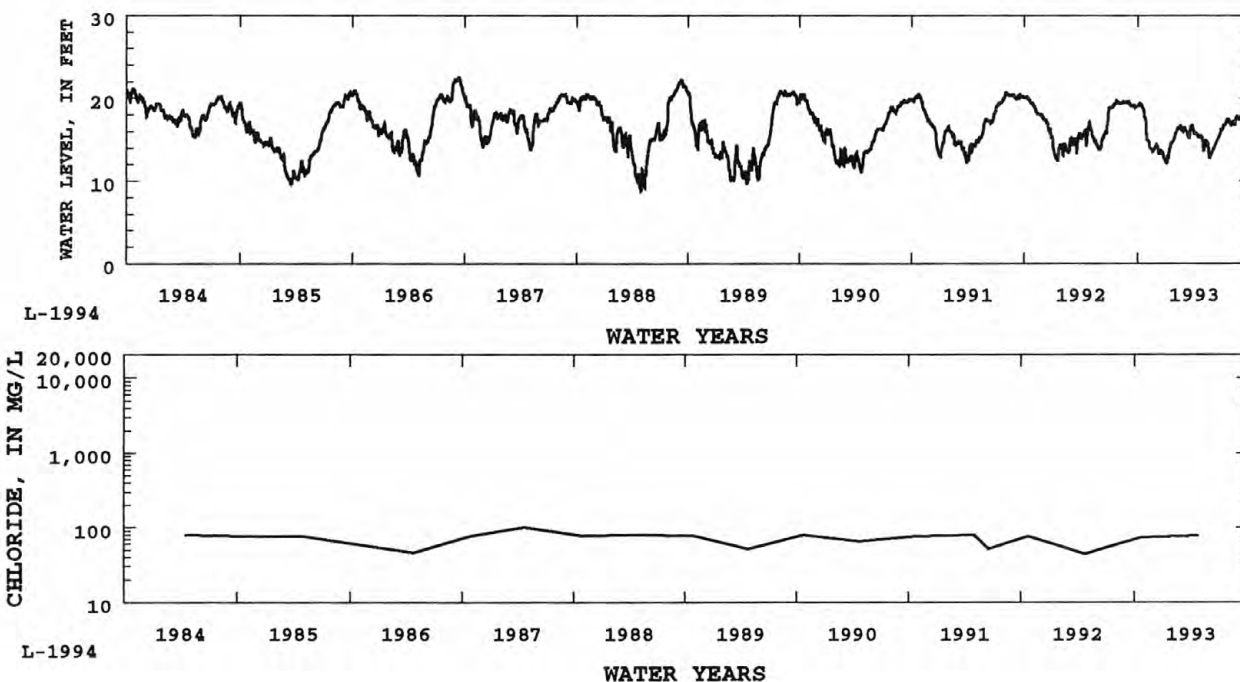
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1974 to current year. (Corrected)

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 27.19 ft NGVD, June 1, 1975; lowest, 8.89 ft NGVD, Apr. 29, 1988.

STATION NUMBER 263251081452802 L -1994
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.26	---	14.04	12.93	16.24	15.93	15.88	14.15	---	16.75	16.95	18.32
10	19.31	---	13.25	13.61	16.27	15.56	15.58	14.85	---	16.81	16.99	18.95
15	18.94	---	13.29	14.41	16.63	15.21	15.25	14.47	---	17.37	17.70	18.98
20	18.54	---	13.37	14.71	16.14	16.43	15.54	12.71	---	17.38	17.60	18.50
25	17.58	---	12.71	14.98	16.23	16.73	15.31	---	16.04	16.97	17.37	18.22
EOM	15.07	---	12.29	15.81	16.45	15.82	13.86	---	16.26	17.03	18.22	18.12
MEAN	18.33	---	13.27	14.17	16.30	16.06	15.40	---	---	16.98	17.39	18.53
MAX	19.31	---	14.40	15.81	16.71	16.73	15.96	---	---	17.50	18.22	19.12
MIN	15.07	---	12.29	12.18	15.90	15.21	13.86	---	---	16.27	16.71	18.00



LEE COUNTY

WELL NUMBER.--263251081452803. Local Number L 1995.

LOCATION.--Lat 26°32'51", long 81°45'28", in NE1/4SW1/4 sec.24, T.45 S., R.25 E., Hydrologic Unit 03090204, 6.8 mi east of intersection of U.S. Highway 41 and Daniels Road, and 9.6 mi southeast of Fort Myers Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 24 ft, cased to 14 ft, screen 14 to 24 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 24.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.93 ft above land-surface datum.

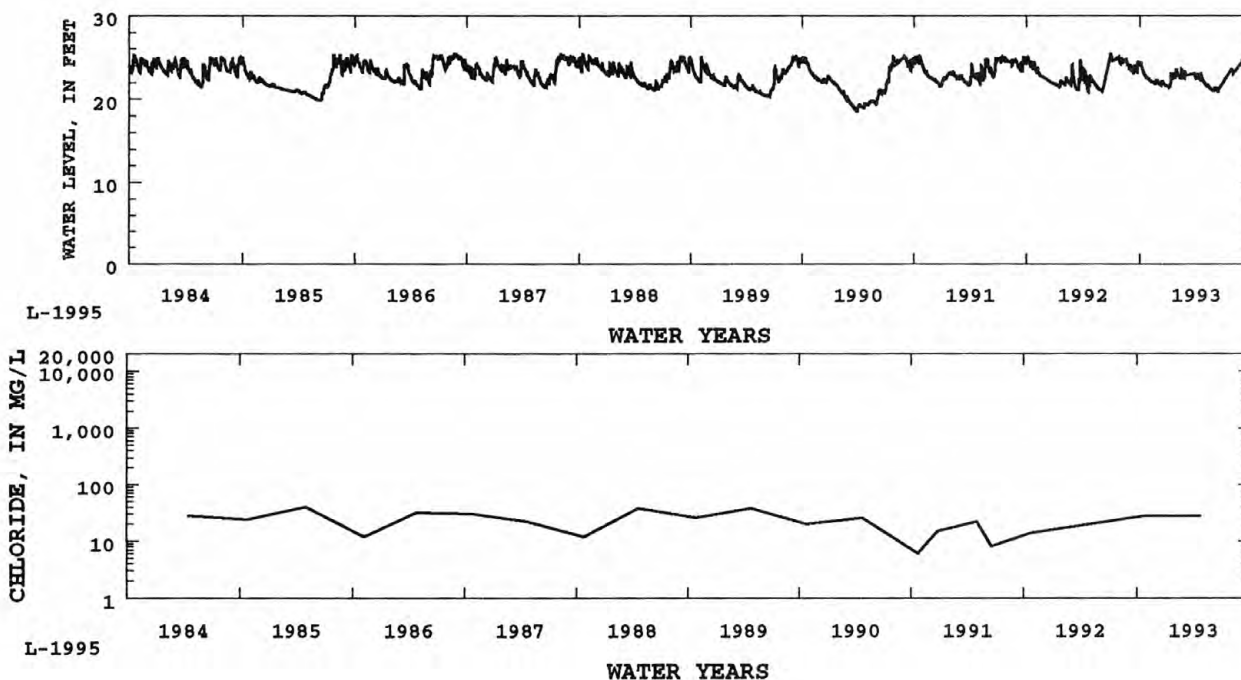
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 25.33 ft NGVD, Sept. 18, 1985; lowest, 18.56 ft NGVD, Mar. 30, 1990. (Corrected).

STATION NUMBER 263251081452803 L -1995
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.31	22.15	21.77	21.59	22.58	---	23.04	21.56	21.10	---	---	24.98
10	23.36	22.07	22.13	22.85	22.44	---	22.51	21.61	20.91	---	---	---
15	22.93	21.96	21.91	22.61	23.06	---	22.92	21.29	---	---	---	---
20	22.67	22.05	21.72	22.62	22.62	---	22.46	21.20	---	---	---	---
25	22.47	22.30	21.61	23.25	22.84	22.97	22.04	21.04	---	23.44	---	---
EOM	22.34	21.91	21.51	22.93	---	22.51	21.76	21.41	---	---	24.90	---
MEAN	23.09	22.08	21.77	22.54	---	---	22.41	21.35	---	---	---	---
MAX	24.48	22.31	22.14	23.55	---	---	23.13	21.76	---	---	---	---
MIN	22.34	21.82	21.51	21.47	---	---	21.76	20.97	---	---	---	---



LEE COUNTY

WELL NUMBER.--263253082014201. Local Number L 2643.

LOCATION.--Lat 26°32'53", long 82°01'42", in SW1/4SE1/4 sec.17, T.45 S., R.23 E., Hydrologic Unit 03100103, in the median of El Dorado Boulevard West, 100 ft east of Sands Boulevard, and 5.3 mi west of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 200 ft, cased to 141 ft, open hole 141 to 200 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.75 ft above land-surface datum.

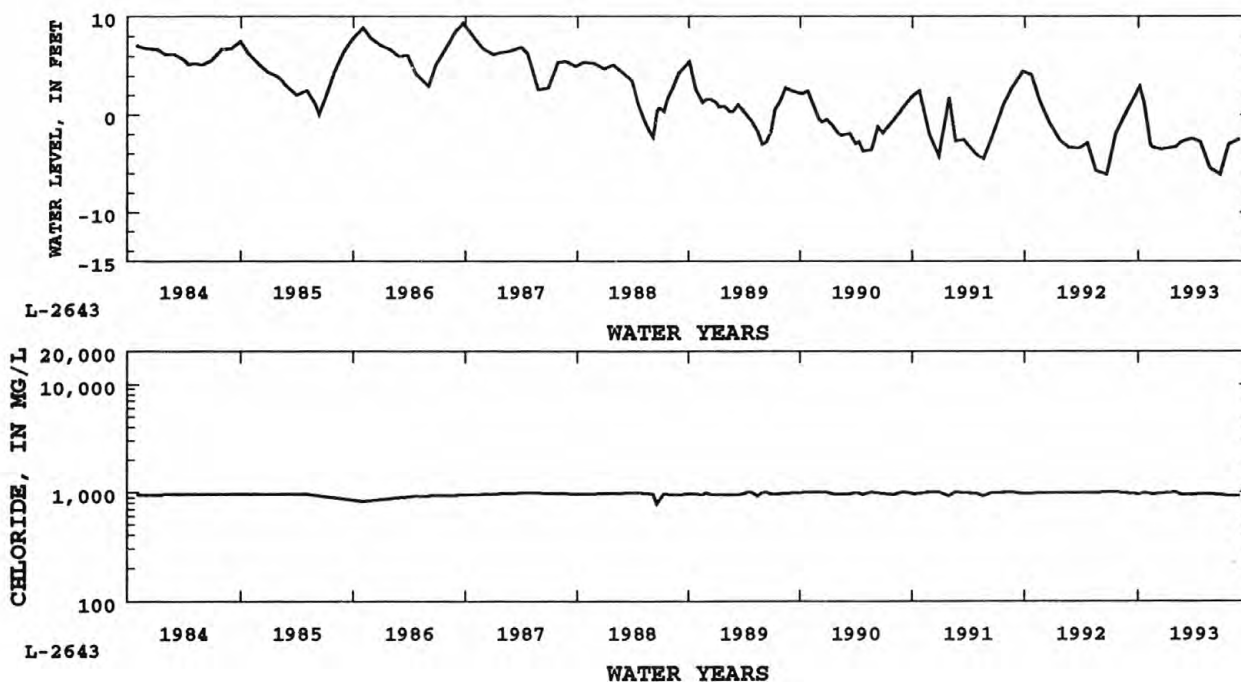
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to September 1978, November 1978 to September 1979 (bimonthly), October 1979 to January 1981 (semiannual), February 1981 to June 1981, July 1981 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.58 ft NGVD, Sept. 5, 1978; lowest measured, 6.16 ft below NGVD, June 22, 1992.

263253082014201 - L -2643

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
05...	1045	3500	960	2.88	23...	1310	3750	950	-2.41
19...	1130	3730	980	1.18	APR				
NOV					19...	1340	3250	960	-2.79
09...	0935	--	--	-3.18	MAY				
17...	0930	3730	960	-3.38	19...	1415	3750	960	-5.48
DEC					JUN				
14...	1350	3700	970	-3.57	21...	1040	3770	950	-6.12
JAN					JUL				
29...	0830	3760	1000	-3.31	19...	1020	3780	920	-3.01
FEB					AUG				
17...	1220	3800	950	-2.79	23...	1015	3790	920	-2.51



LEE COUNTY

WELL NUMBER.--263253082014202. Local Number L 3206.

LOCATION.--Lat 26°32'53", long 82°01'42", in SW1/4SW1/4 sec.17, T.45 S., R.23 E., Hydrologic Unit 03100103, in the median of El Dorado Boulevard West, 100 ft east of Sands Boulevard, and 5.3 mi west of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft, slotted 8 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.53 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

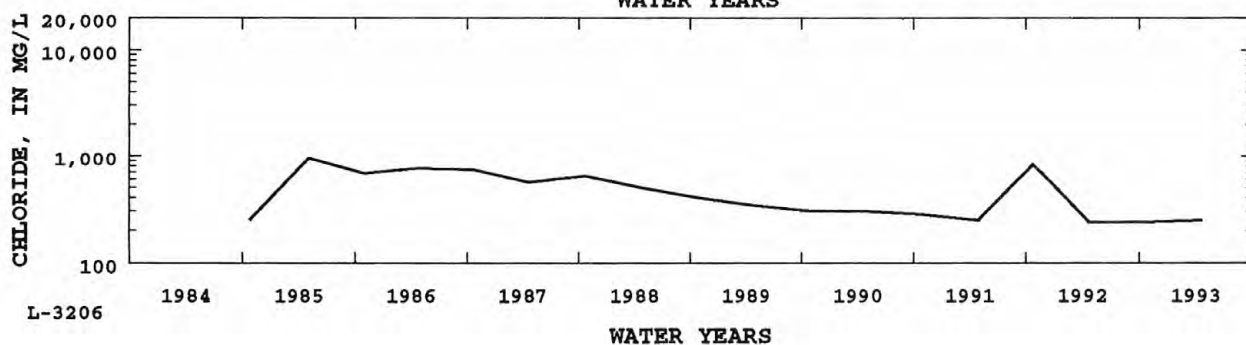
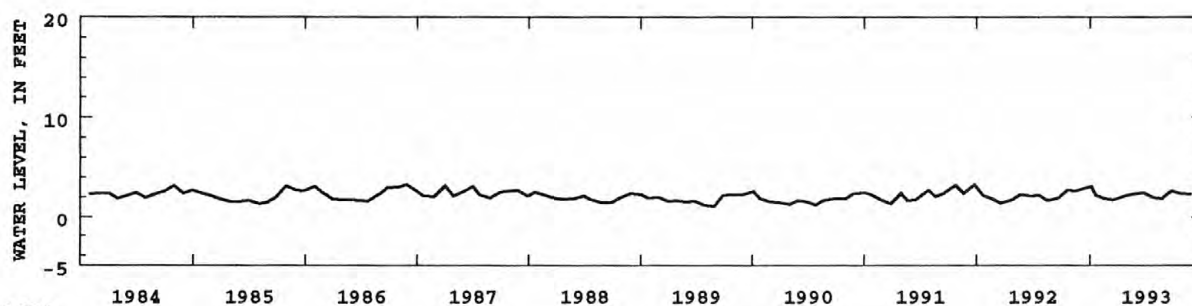
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to October 1980 (semiannual), January 1981 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.27 ft NGVD, Sept. 24, 1991; lowest measured, 0.77 ft NGVD, May 26, 1978.

263253082014202 - L -3206

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1045	--	--	3.05	19...	1345	2240	250	2.00
19...	1125	2230	240	2.18	MAY				
NOV					19...	1415	--	--	1.87
17...	0935	--	--	1.84	JUN				
DEC					21...	1035	--	--	2.61
14...	1350	--	--	1.71	JUL				
JAN					19...	1020	--	--	2.39
21...	0945	--	--	2.09	AUG				
FEB					23...	1020	--	--	2.29
17...	1230	--	--	2.29					
MAR									
23...	1315	--	--	2.45					



LEE COUNTY

WELL NUMBER.--263257081585701. Local Number L 2642.

LOCATION.--Lat 26°32'57", long 81°58'57", in SE1/4SW1/4 sec.14, T.45 S., R.23 E., Hydrologic Unit 03090205, in the median of Pelican Boulevard, 150 ft north of El Dorado Parkway West, and 2.5 mi southwest of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 160 ft, cased to 108 ft, screened 108 to 160 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.70 ft above land-surface datum.

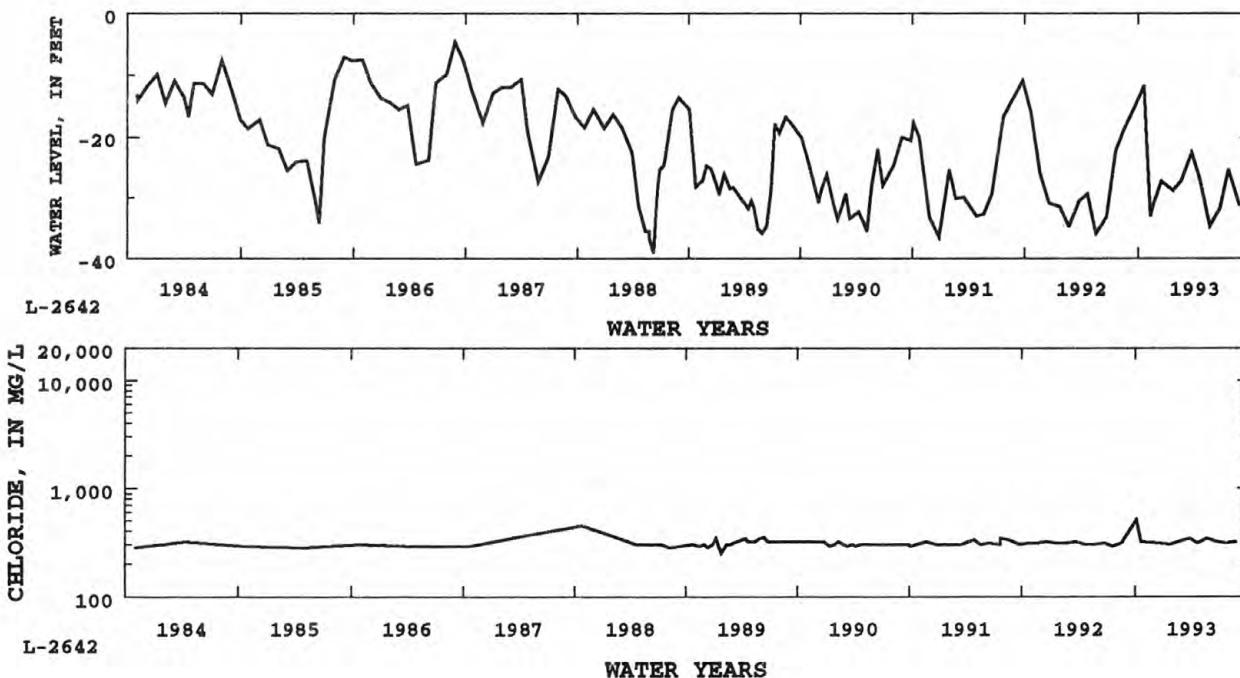
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to August 1979 (bimonthly), October 1979 to October 1980 (semiannual), January 1981 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.14 ft below NGVD, Aug. 1, 1978; lowest measured, 39.07 ft below NGVD, June 6, 1988.

263257081585701 - L -2642

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					MAR				
05...	1020	2290	510	-13.54	23...	1300	1370	340	-22.59
19...	1105	1450	320	-11.70	APR				
NOV					19...	1320	1370	310	-27.09
09...	0945	--	--	-33.02	MAY				
17...	0900	--	--	-31.27	19...	1345	1500	340	-34.65
DEC					JUN				
14...	1330	1370	310	-27.26	21...	1020	1390	320	-31.66
JAN					JUL				
21...	0930	1370	300	-28.87	19...	1000	1380	310	-25.37
FEB					AUG				
17...	1200	1380	320	-27.11	23...	1000	1370	320	-31.18



LEE COUNTY

WELL NUMBER.--263257081585702. Local Number L 3205.

LOCATION.--Lat 26°32'57", long 81°58'57", in SE1/4SW1/4 sec.14, T.45 S., R.23 E., Hydrologic Unit 03090205, in the median of Pelican Boulevard, 150 ft north of El Dorado Parkway West, 2.5 mi southwest of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.49 ft above land-surface datum.

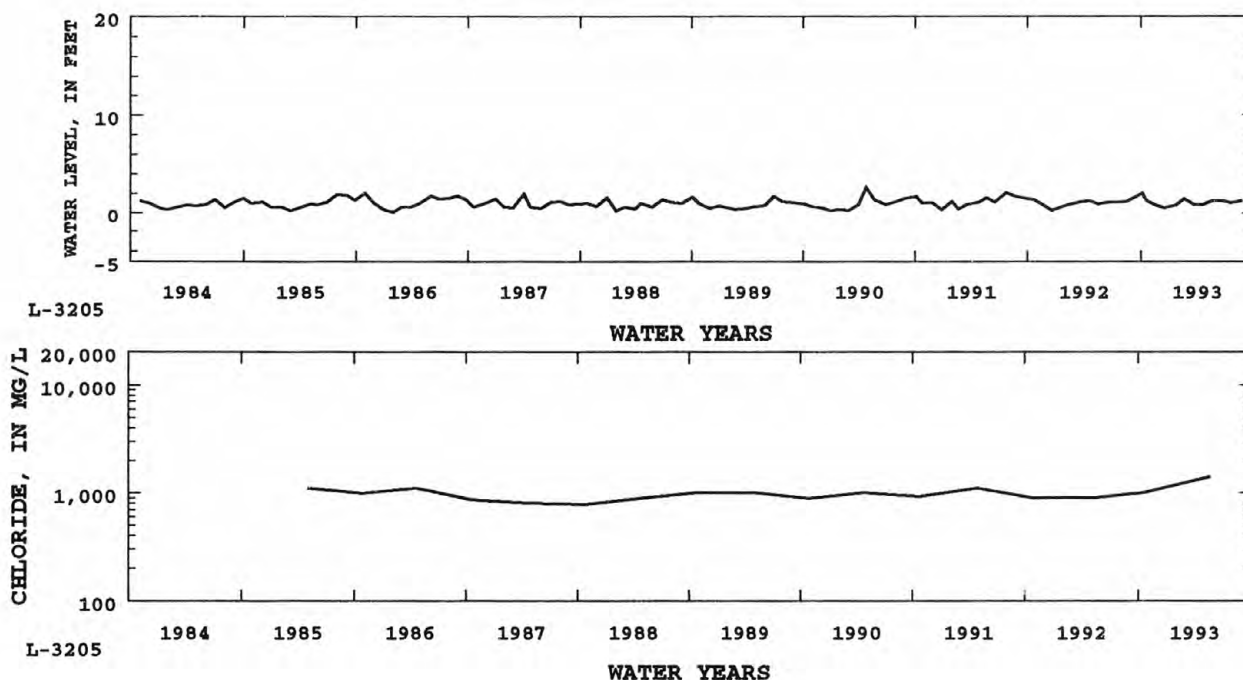
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to September 1979 (bimonthly), May 1980 to October 1980 (semiannual), January 1981 to current year (monthly). Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.81 ft NGVD, June 4, 1979; lowest measured, 0.47 ft below NGVD, Apr. 4, 1979.

263257081585702 - L -3205

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ATION	ANCE	ANCE	CON-	DIS-	ATION
		DUCT-	SOLVED	ABOVE			DUCT-	SOLVED	ABOVE
(US/CM)	(US/CM)	(MG/L	(MG/L	NGVD	(US/CM)	(US/CM)	(MG/L	(MG/L	NGVD
		AS CL)	AS CL)	(FEET)			AS CL)	AS CL)	(FEET)
OCT					APR				
05...	1020	--	--	2.00	19...	1320	--	--	0.80
19...	1110	3930	1000	1.18	MAY				
NOV					19...	1340	5340	1400	1.22
17...	0910	--	--	0.79	JUN				
DEC					21...	1015	--	--	1.18
14...	1340	--	--	0.51	JUL				
JAN					19...	1000	--	--	1.04
21...	0930	--	--	0.72	AUG				
FEB					23...	1000	--	--	1.21
17...	1200	--	--	1.42					
MAR									
23...	1200	--	--	0.83					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263323081522401. Local Number L 742.

LOCATION.--Lat 26°33'23", long 81°52'24", in SE1/4SE1/4 sec.14, T.45 S., R.24 E., Hydrologic Unit 03090205, 0.1 mi west of intersection of College Parkway and U.S. Highway 41, and 6.0 mi south of Fort Myers Post Office. Owner: Florida Cities Water Co.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in., depth 225 ft, cased to 138 ft, open hole 138 to 225 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.17 ft above land-surface datum.

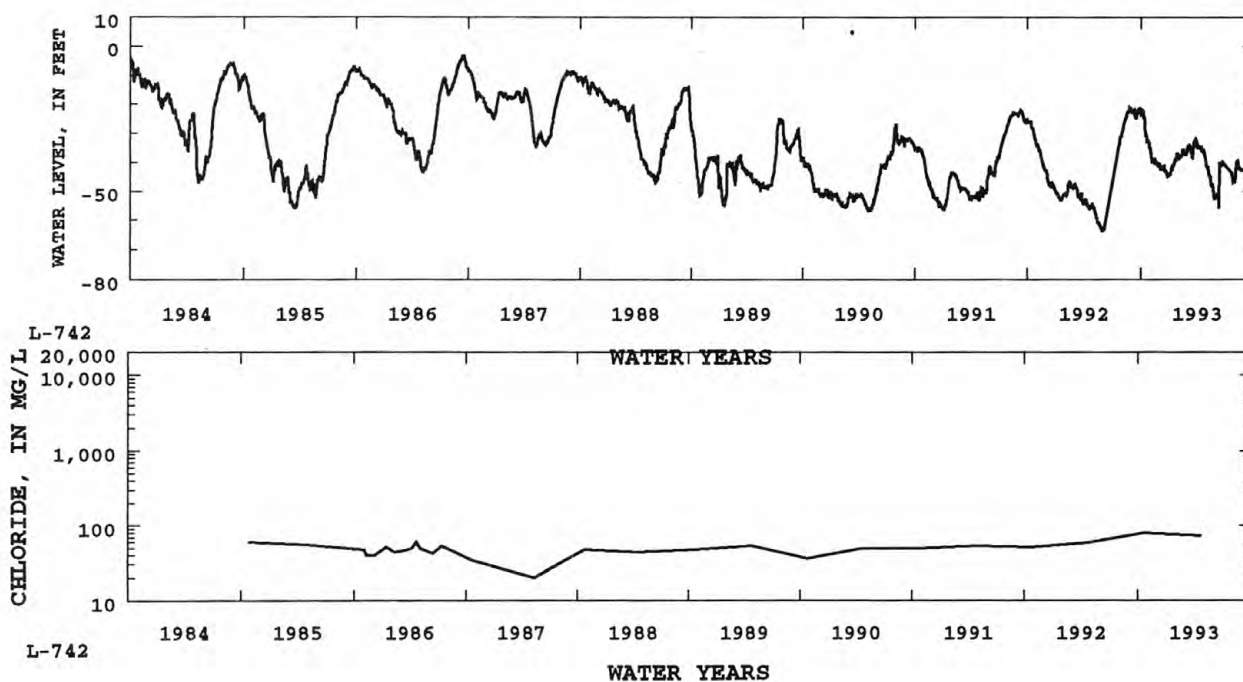
REMARKS.--Water levels affected by pumping of municipal well field. Well also sampled for water quality.

PERIOD OF RECORD.--October 1968 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.02 ft NGVD, Dec. 15, 1968; lowest, 78.61 ft below NGVD, May 16, 1974.

STATION NUMBER 263323081522401 L - 742
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-21.96	-38.79	-42.11	-43.64	-37.73	-34.13	-34.60	-42.29	-51.52	---	-40.14	---
10	-24.45	-39.84	-42.26	-41.95	-37.27	-35.86	-34.54	-45.08	-55.76	---	-40.09	---
15	-29.83	-38.89	-41.74	-40.82	-36.40	-38.07	-36.10	-47.21	-40.07	---	-42.21	---
20	-32.62	-40.09	-43.02	-39.24	-37.13	-34.00	-35.72	-47.95	-40.20	---	-43.04	---
25	-32.96	-41.05	-44.74	-36.95	-37.00	-32.26	-37.42	-52.06	---	-46.80	---	---
EOM	-35.24	-40.20	-44.59	-38.64	-35.45	-34.23	-41.44	-51.19	---	-46.05	---	---
MEAN	-28.52	-39.58	-42.96	-40.45	-37.12	-34.49	-36.25	-47.28	---	---	---	---
MAX	-21.96	-35.52	-41.53	-36.95	-35.45	-31.90	-34.46	-41.37	---	---	---	---
MIN	-35.24	-41.44	-44.94	-44.73	-39.09	-38.39	-41.44	-52.79	---	---	---	---



LEE COUNTY

WELL NUMBER.--263327081512001. Local Number L 1121.

LOCATION.--Lat 26°33'27", long 81°51'20", in NE1/4SE1/4 sec.13, T.45 S., R.23 E., Hydrologic Unit 03090205, 120 ft east of the intersection of Fordham and Gorman, and 2 mi south of Ft. Myers Post Office at Page Field. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 220 ft, cased to 147 ft, open hole 147 to 220 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

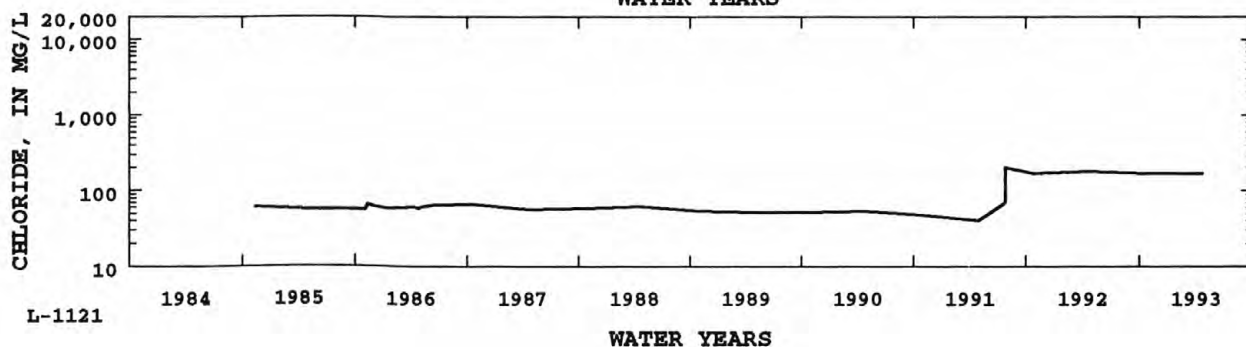
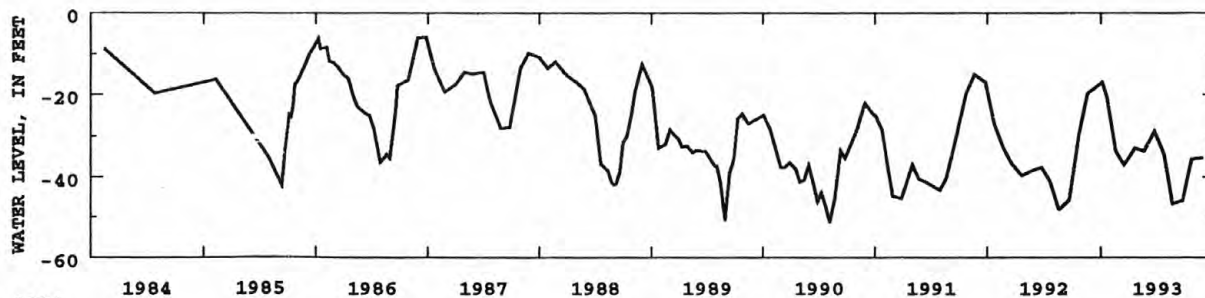
PERIOD OF RECORD.--August 1970 to April 1985 (semiannual), May 1985 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.20 ft NGVD, Oct. 20, 1970; lowest measured, 51.25 ft below NGVD, May 7, 1990.

263327081512001 - L -1121

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1305	--	--	-16.97	22...	0850	647	170	-34.66
20...	0745	675	170	-20.50	MAY				
NOV					19...	1140	--	--	-46.56
17...	1530	--	--	-33.82	JUN				
DEC					21...	1430	--	--	-45.76
15...	0725	--	--	-37.11	JUL				
JAN					20...	1615	--	--	-35.70
19...	1415	--	--	-32.97	AUG				
FEB					24...	0820	--	--	-35.38
17...	1400	--	--	-33.82					
MAR									
23...	1505	--	--	-28.95					



LEE COUNTY

WELL NUMBER.--263329081394301. Local Number L 2204.

LOCATION.--Lat 26°33'29", long 81°39'43", in SE1/4SE1/4 sec.13, T.45 S., R.26 E., Hydrologic Unit 03090205, at southeast corner of intersection of State Road 82 and Alabama Road, and 3.3 mi south of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 26 ft, cased to 23 ft, open hole 23 to 26 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.05 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.60 ft above land-surface datum.

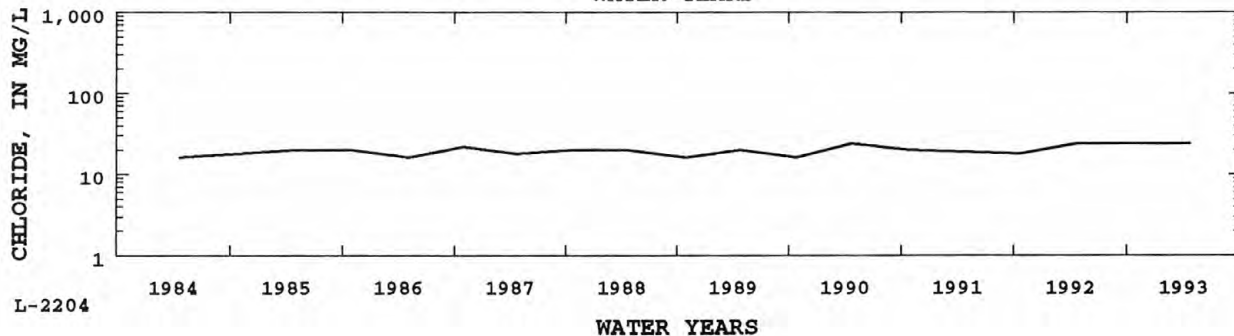
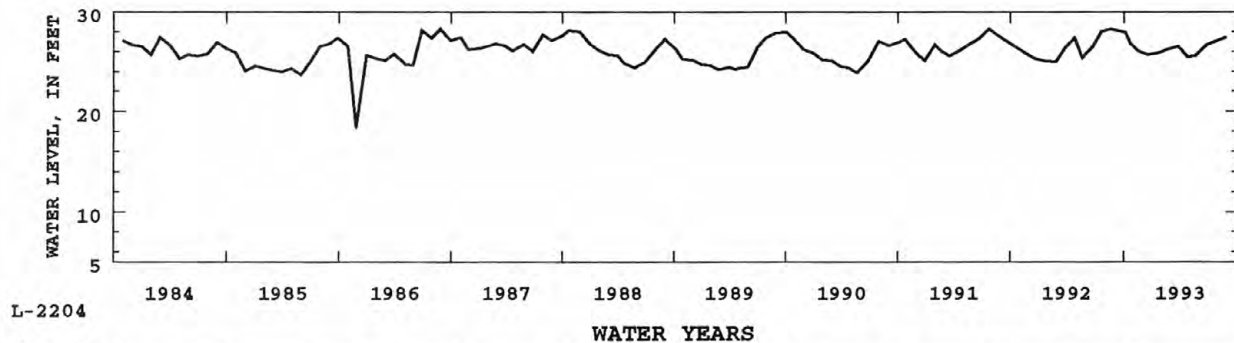
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.44 ft NGVD, Sept. 27, 1979; lowest measured, 18.31 ft NGVD, Nov. 25, 1985.

263329081394301 - L -2204

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1430	--	--	27.91	22...	1515	533	24	25.48
23...	1545	521	24	26.79	MAY				
NOV					17...	1340	--	--	25.51
17...	1235	--	--	25.96	JUN				
DEC					23...	1140	--	--	26.63
18...	1420	--	--	25.68	JUL				
JAN					22...	1230	--	--	27.00
21...	1210	--	--	25.83	AUG				
FEB					24...	1330	--	--	27.41
18...	1055	--	--	26.17					
MAR									
24...	1025	--	--	26.48					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

509

WELL NUMBER.--263329081394302. Local Number L 1625.

LOCATION.--Lat 26°33'29", long 81°39'43", in SE1/4SE1/4 sec.13, T.45 S., R.26 E., Hydrologic Unit 03090205, at southeast corner of intersection of State Road 82 and Alabama Road, and 3.3 mi south of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 218 ft, cased to 162 ft, open hole 162 to 218 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.02 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.80 ft above land-surface datum.

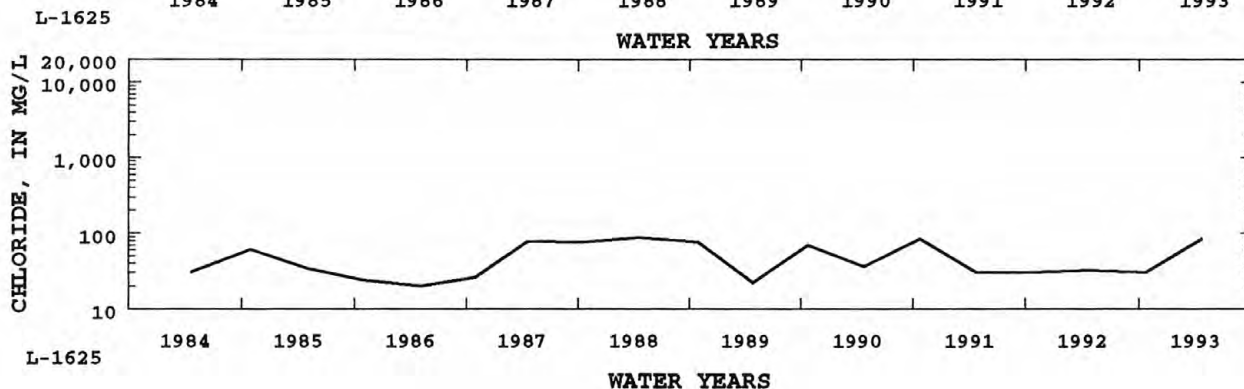
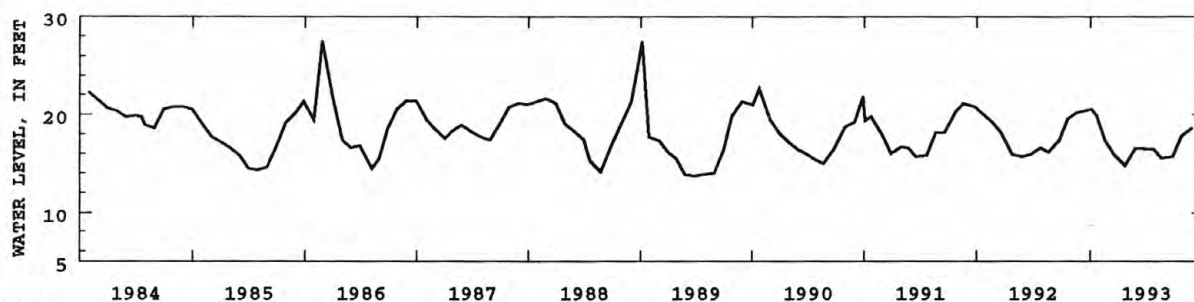
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1975 to current year. Records of water levels prior to October 1982 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.49 ft NGVD, Nov. 25, 1985; lowest measured, 13.72 ft NGVD, Mar. 30, 1989.

263329081394302 - L -1625

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1435	--	--	20.52	22...	1505	804	84	16.46
23...	1545	546	30	19.86	MAY				
NOV					17...	1330	--	--	15.52
17...	1230	--	--	17.29	JUN				
DEC					23...	1140	--	--	15.69
18...	1420	--	--	15.25	JUL				
JAN					22...	1230	--	--	17.84
21...	1210	--	--	14.80	AUG				
FEB					24...	1330	--	--	18.62
18...	1050	--	--	16.18					
24...	1025	--	--	16.52					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263335081394301. Local Number L 729.

LOCATION.--Lat 26°33'35", long 81°39'43", in NE1/4SE1/4 sec.13, T.45 S., R.26 E., Hydrologic Unit 03090205, at northwest corner of intersection of State Road 82 and Alabama Road and 3.2 mi south of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 103 ft, cased to 81 ft, open hole 81 to 103 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 29.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.46 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

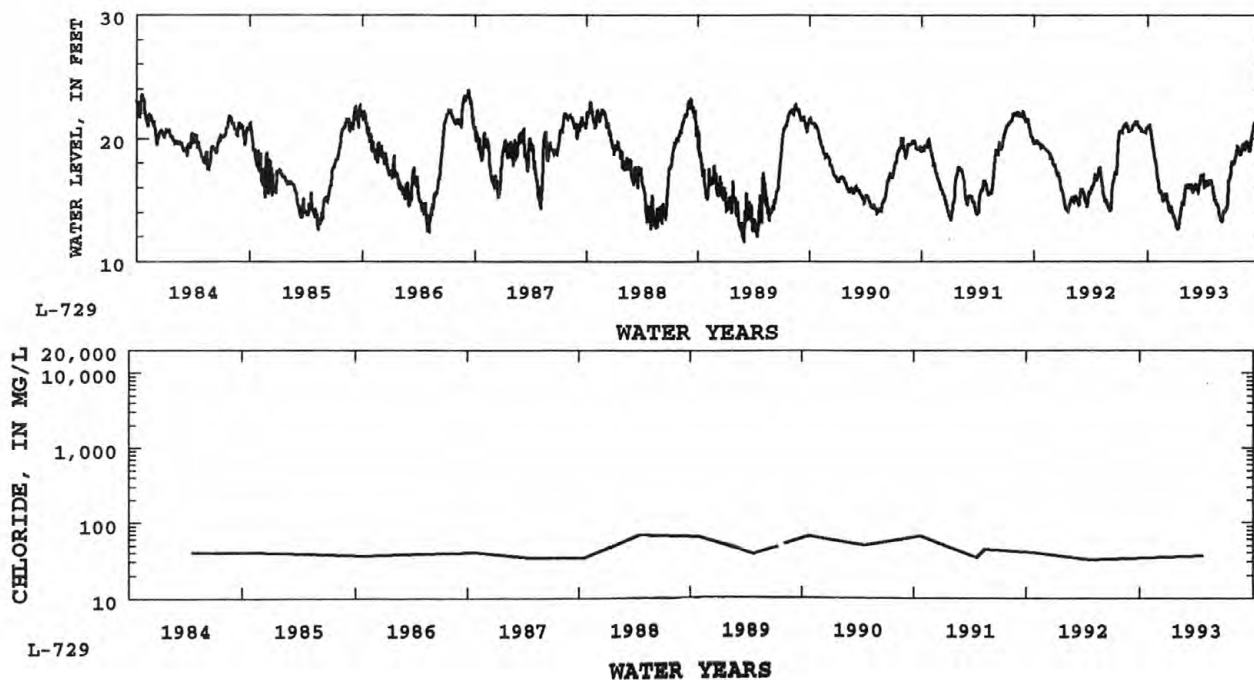
PERIOD OF RECORD.--August 1968 to May 1977 (monthly), June 1977 to current year. Records of water levels prior to May 1977 available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 25.46 ft NGVD, Oct. 1, 2, 1979; lowest, 11.54 ft NGVD, Feb. 28, 1989.

STATION NUMBER 263335081394301 L - 729
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.18	16.16	14.68	12.59	16.11	16.18	16.10	14.97	14.05	17.87	19.49	20.67
10	20.75	15.56	14.06	13.12	16.22	15.77	16.33	14.67	14.30	18.50	19.00	21.29
15	19.83	15.46	14.44	14.03	16.19	16.24	16.19	14.38	15.29	19.21	19.73	20.55
20	18.92	14.79	13.82	14.71	15.94	16.86	16.56	13.75	16.63	19.18	19.33	20.23
25	18.22	15.44	13.51	14.55	15.76	16.87	16.23	13.31	17.23	18.71	19.04	19.79
EOM	17.12	15.48	12.99	15.99	15.95	16.23	15.56	13.85	18.07	19.32	20.21	19.90
MEAN	19.54	15.61	14.08	14.03	16.02	16.38	16.25	14.18	15.67	18.71	19.42	20.44
MAX	21.18	16.92	15.39	15.99	16.22	17.08	16.58	15.41	18.07	19.34	20.21	21.29
MIN	17.12	14.79	12.99	12.56	15.56	15.62	15.56	13.17	13.99	17.87	18.94	19.59

WTR YR 1993 MEAN 16.70 MAX 21.29 MIN 12.56



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

511

WELL NUMBER.--263344081361701. Local Number L 1963.

LOCATION.--Lat 26°33'44", long 81°36'17", in NW1/4SE1/4 sec.15, T.45 S., R.27 E., Hydrologic Unit 03090205, at intersection of Bell Boulevard and Milwaukee Boulevard, and 4.0 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 74 ft, cased to 68 ft, screened 68 to 74 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 31.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.41 ft above land-surface datum.

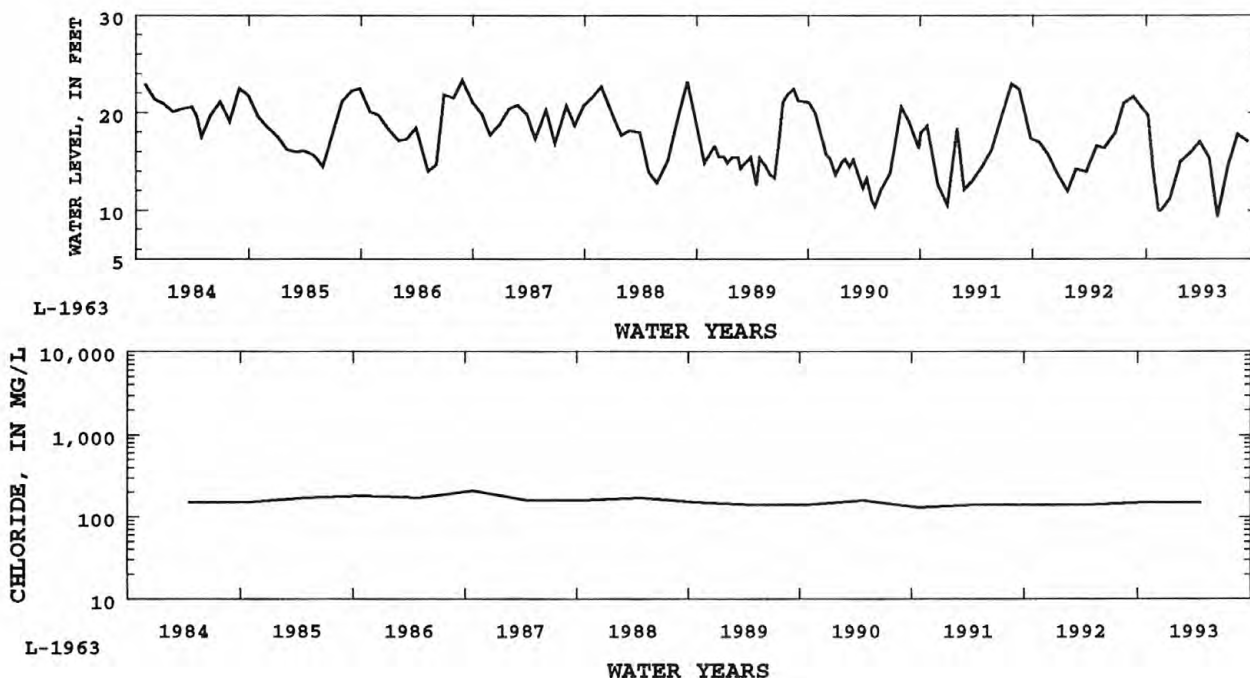
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.53 ft NGVD, Sept. 26, 1975; lowest measured, 9.35 ft NGVD, May 19, 1973.

263344081361701 - L -1963

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
07...	1635	--	--	19.69	22...	1340	--	--	17.00
23...	1425	1040	150	14.56	APR				
NOV					22...	1245	1050	150	15.36
09...	1100	--	--	10.01	MAY				
17...	1400	--	--	9.97	19...	1450	--	--	9.35
DEC					JUN				
18...	1150	--	--	11.26	22...	1425	--	--	14.49
JAN					JUL				
19...	1410	--	--	14.95	23...	1415	--	--	17.79
FEB					AUG				
16...	1400	--	--	15.80	25...	1415	--	--	17.07



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263344081361702. Local Number L 1964.

LOCATION.--Lat 26°33'44", long 81°36'17", in NW1/4SE1/4 sec.15, T.45 S., R.27 E., Hydrologic Unit 03090205, at intersection of Bell Boulevard and Milwaukee Boulevard, and 4.0 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 24 ft, cased to 14 ft, open hole 14 to 24 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 31.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

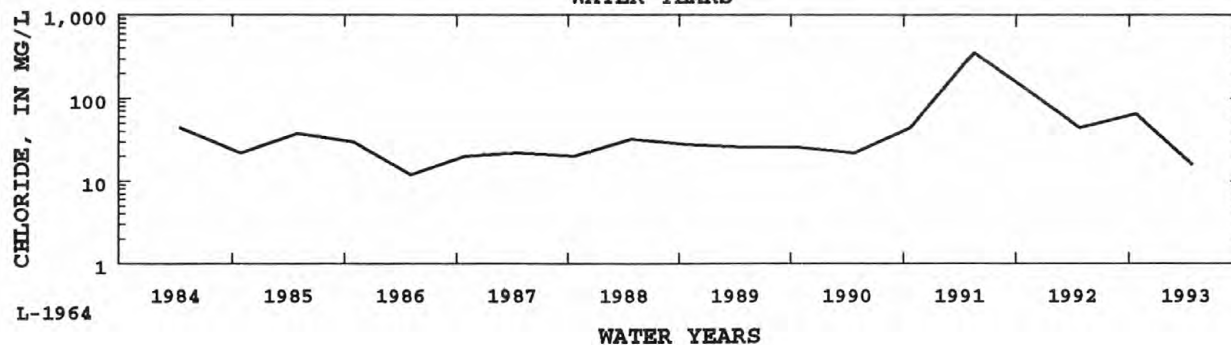
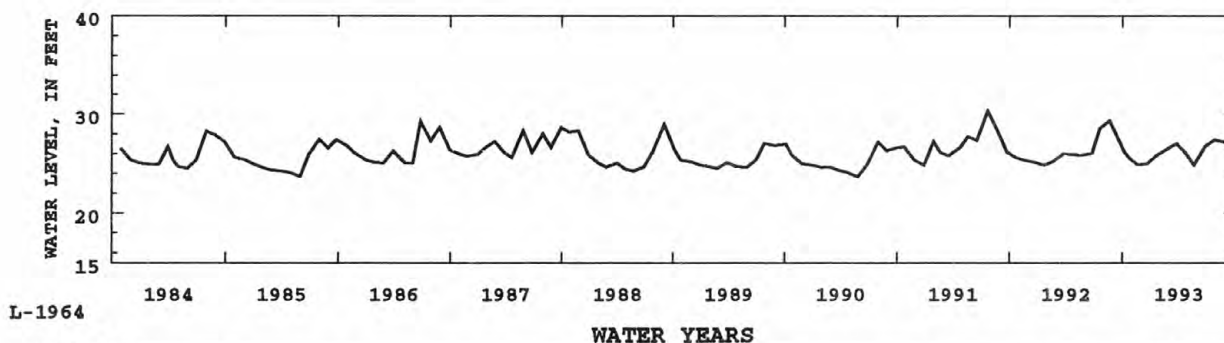
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.33 ft NGVD, July 23, 1991; lowest measured, 22.47 ft NGVD, May 28, 1975.

263344081361702 - L -1964

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
07...	1630	--	--	26.18	22...	1300	551	16	26.04
23...	1425	750	64	25.56	MAY				
NOV					19...	1450	--	--	24.82
17...	1355	--	--	24.93	JUN				
DEC					22...	1425	--	--	26.74
18...	1150	--	--	24.99	JUL				
JAN					23...	1420	--	--	27.45
19...	1415	--	--	25.85	AUG				
FEB					25...	1420	--	--	27.17
16...	1255	--	--	26.42					
MAR									
22...	1340	--	--	27.03					



LEE COUNTY

WELL NUMBER.--263344081361703. Local Number L 2186.

LOCATION.--Lat 26°33'44", long 81°36'17", in NW1/4SE1/4, sec.15, T.45 S., R.27 E., Hydrologic Unit 03090205, at intersection of Alexander Graham Bell Boulevard and Milwaukee Boulevard, and 14.0 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 160 ft, cased to 133 ft, screen 133 to 160 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 31.06 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.24 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

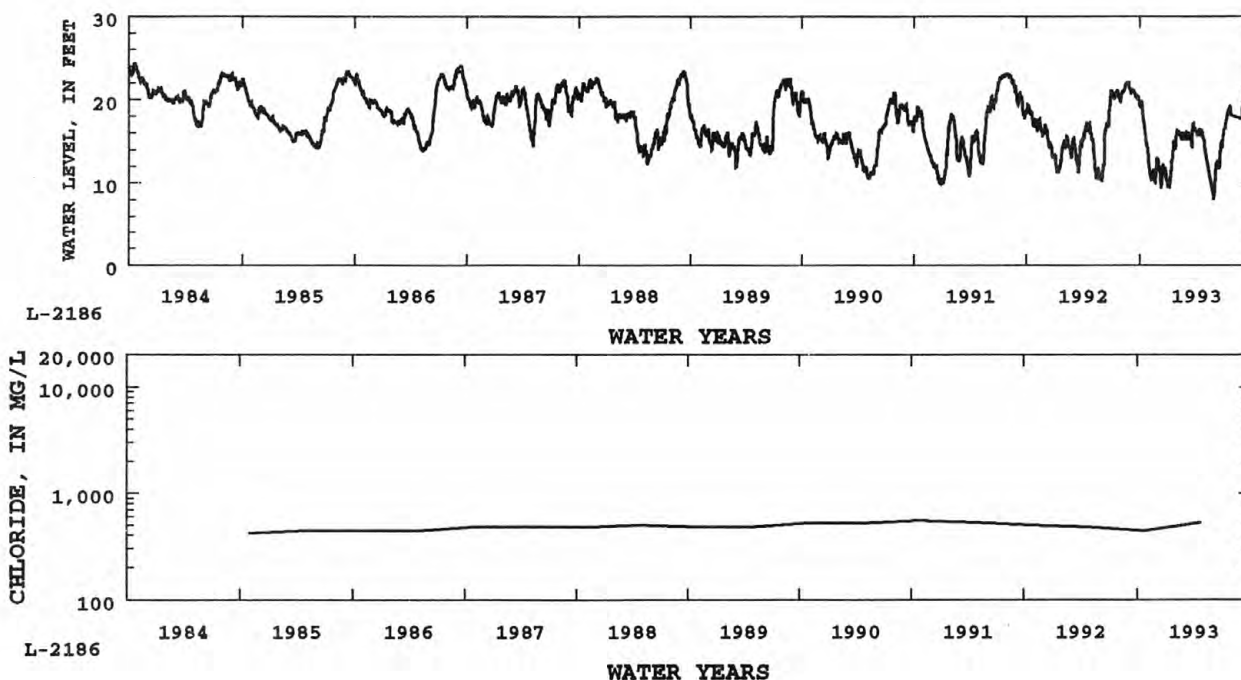
PERIOD OF RECORD.--August 1975 to current year. Records of water levels prior to October 1977 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 25.30 ft NGVD, Sept. 30, 1979; lowest, 8.10 ft NGVD, May 26, 1993.

STATION NUMBER 263344081361703 L -2186
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.74	11.04	11.80	9.77	16.06	15.96	16.00	---	12.02	17.13	---	21.57
10	18.34	10.97	10.25	11.91	15.20	15.40	16.53	---	12.65	18.23	---	20.42
15	16.92	10.86	12.10	13.68	16.18	15.61	15.62	---	12.52	18.88	---	19.46
20	15.16	10.20	11.77	15.03	15.22	16.71	15.99	9.63	14.66	18.89	---	---
25	14.03	12.88	10.94	14.60	16.02	16.24	15.11	8.53	15.45	---	---	---
EOM	11.94	12.38	10.15	16.17	15.23	16.23	---	10.76	16.49	---	20.15	---
MEAN	16.46	11.32	11.07	13.24	15.65	15.87	---	---	13.64	---	---	---
MAX	19.86	13.08	12.26	16.20	16.18	17.08	---	---	16.53	---	---	---
MIN	11.94	10.13	9.38	9.64	15.15	14.23	---	---	11.50	---	---	---

CAL YR 1992 MEAN 15.53 MAX 22.10 MIN 9.38



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263344081361704. Local Number L 2311.

LOCATION.--Lat 26°33'44", long 81°36'17", in NW1/4SE1/4 sec.15, T.45 S., R.27 E., Hydrologic Unit 03090205, at intersection of Alexander Graham Bell Boulevard and Milwaukee Boulevard, and 14 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 625 ft, cased to 300 ft, open hole 300 to 625 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 31.25 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.10 ft above land-surface datum.

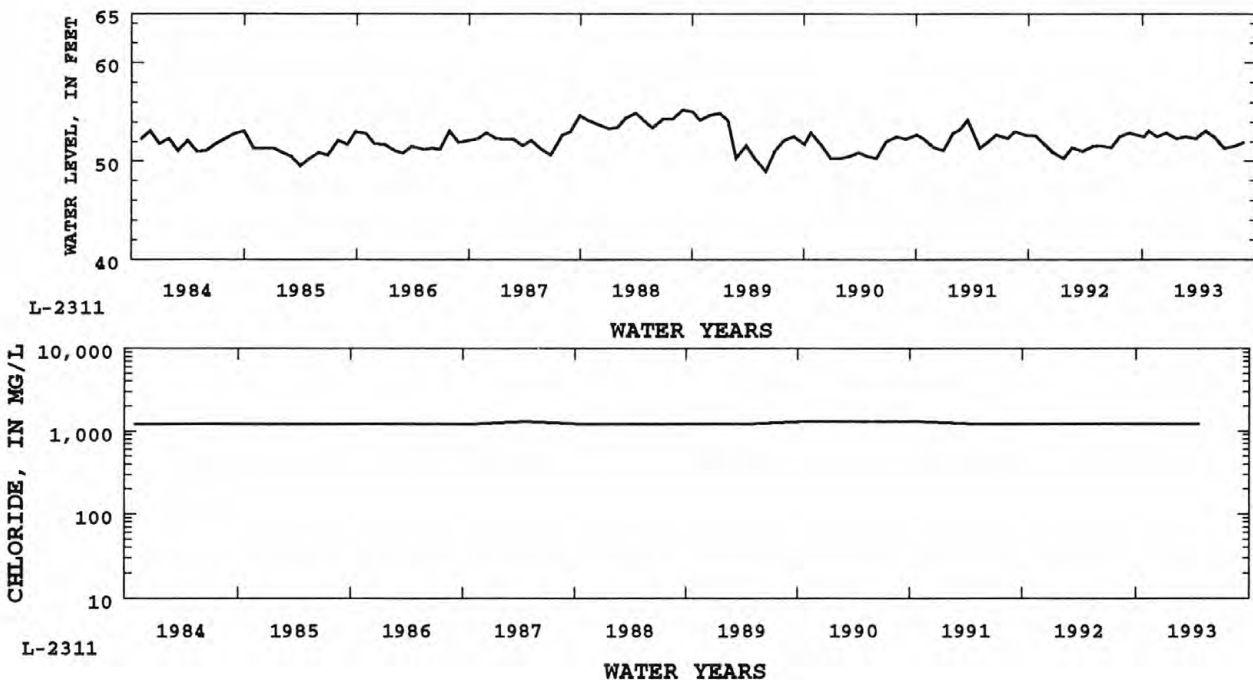
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1976 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 55.2 ft NGVD, Sept. 1, 1988; lowest measured, 48.1 ft NGVD, June 28, 1978.

263344081361704 - L -2311

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1640	--	--	52.50	22...	1240	4950	1200	53.10
23...	1430	4950	1200	53.10	MAY				
NOV					19...	1455	--	--	52.50
17...	1405	--	--	52.50	JUN				
DEC					22...	1410	--	--	51.30
18...	1155	--	--	52.90	JUL				
JAN					23...	1420	--	--	51.50
19...	1115	--	--	52.30	AUG				
FEB					25...	1420	--	--	51.90
17...	1400	--	--	52.50					
MAR									



LEE COUNTY

WELL NUMBER.--263353081335801. Local Number L 1965.

LOCATION.--Lat 26°33'53", long 81°33'58", in SE1/4NE1/4 sec.13, T.45 S., R.27 E., Hydrologic Unit 03090205, at intersection of Naples North-South Road and Milwaukee Boulevard, and 5.7 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 225 ft, cased to 50 ft, screen 50-83 ft, screen 127 to 137 ft and open hole 156 to 225 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

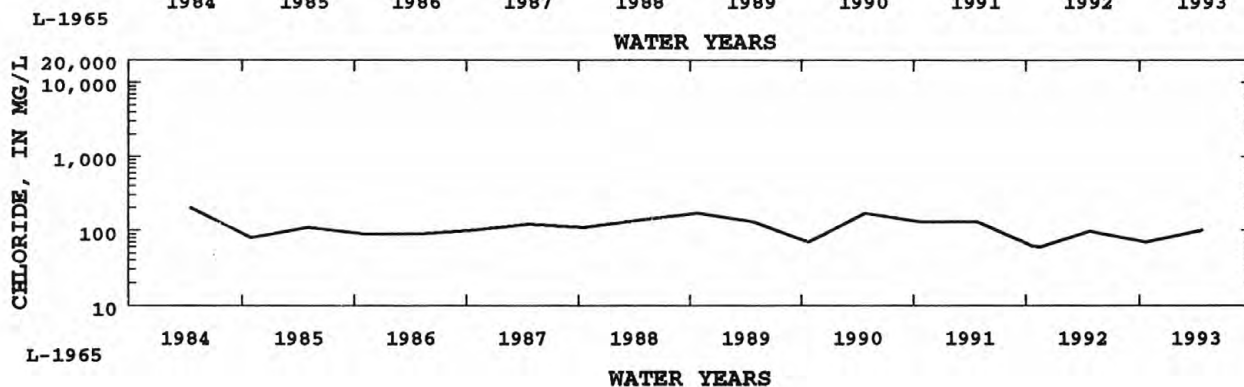
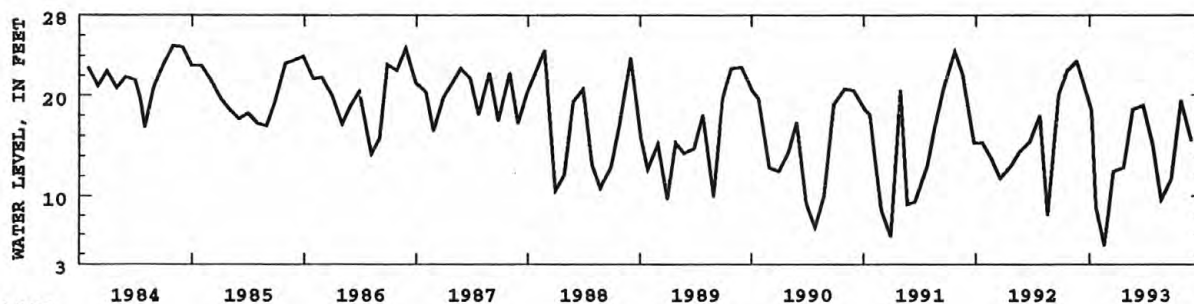
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1965 to current year. Records of water levels prior to October 1976 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.26 ft NGVD, Aug. 30, 1978; lowest measured, 4.88 ft NGVD, Nov. 17, 1992.

263353081335801 - L -1965

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
07...	1700	--	--	18.54	22...	1220	929	100	15.10
23...	1400	757	70	8.90	MAY				
NOV					19...	1425	--	--	9.62
17...	1420	--	--	4.88	JUN				
DEC					22...	1400	--	--	11.65
18...	1140	--	--	12.46	JUL				
JAN					23...	1400	--	--	19.48
19...	1400	--	--	12.83	AUG				
FEB					25...	1405	--	--	15.47
16...	1245	--	--	18.61					
MAR									
22...	1325	--	--	18.97					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263353081335802. Local Number L 1992.

LOCATION.--Lat 26°33'53", long 81°33'58", in SE1/4NE1/4 sec.13, T.45 S., R.27 E., Hydrologic Unit 03090205, at intersection of Naples North-South Road and Milwaukee Boulevard, and 5.7 mi southeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 29 ft, cased to 19 ft, screen 19 to 29 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.67 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

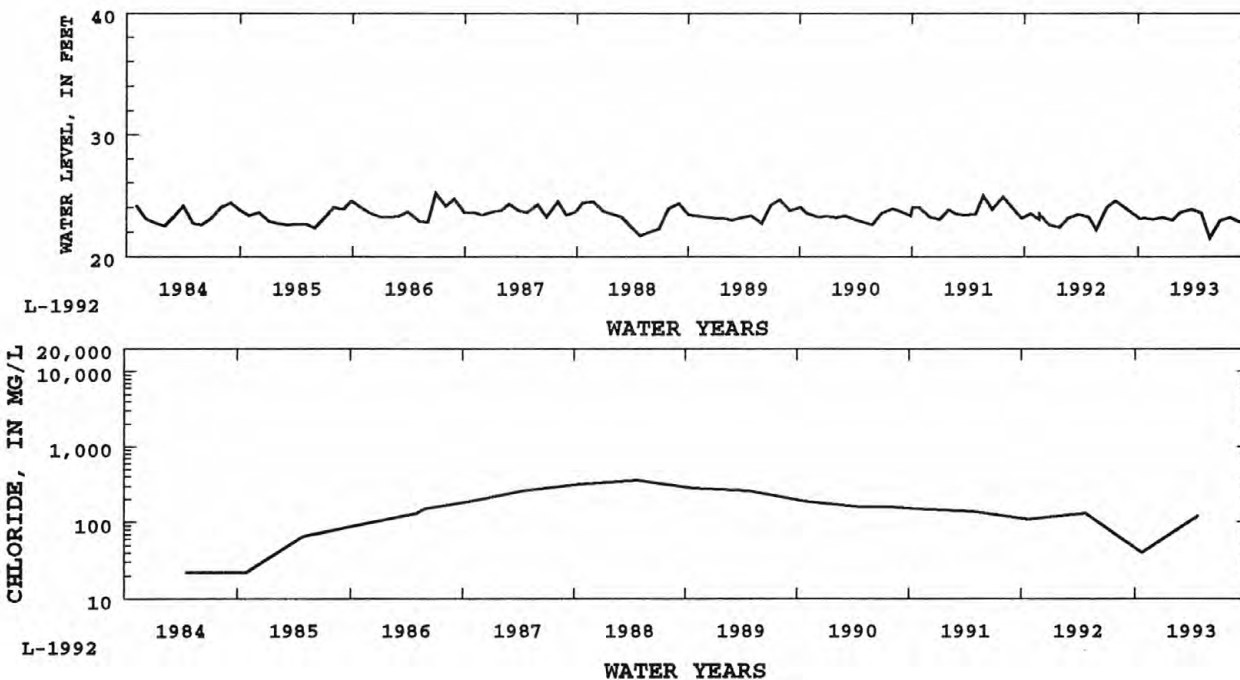
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.97 ft NGVD, July 28, 1977; lowest measured, 19.24 ft NGVD, Feb. 27, 1975.

263353081335802 - L -1992

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS	CL)	AS	CL)	(FEET)	AS	CL)	AS	CL)	(FEET)
OCT					APR				
07...	1705	--	--	23.04	22...	1725	894	120	23.51
23...	1405	560	40	23.11	MAY				
NOV					19...	1425	--	--	21.47
17...	1425	--	--	22.98	JUN				
DEC					22...	1405	--	--	22.89
18...	1140	--	--	23.14	JUL				
JAN					23...	1400	--	--	23.15
19...	1400	--	--	22.92	AUG				
FEB					25...	1400	--	--	22.77
16...	1350	--	--	23.55					
MAR									
22...	1325	--	--	23.81					



LEE COUNTY

WELL NUMBER.--263357081575602. Local Number L 2703.

LOCATION.--Lat 26°33'57", long 81°57'56", in SW1/4SE1/4 sec.12, T.45 S., R.23 E., Hydrologic Unit 03090205, in the median strip of Country Club Boulevard, 150 ft east of Palm Tree Boulevard, and 1.3 mi west of Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 159 ft, cased to 120 ft, open hole 120 to 159 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 5.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 2.68 ft above land-surface datum. (Corrected).

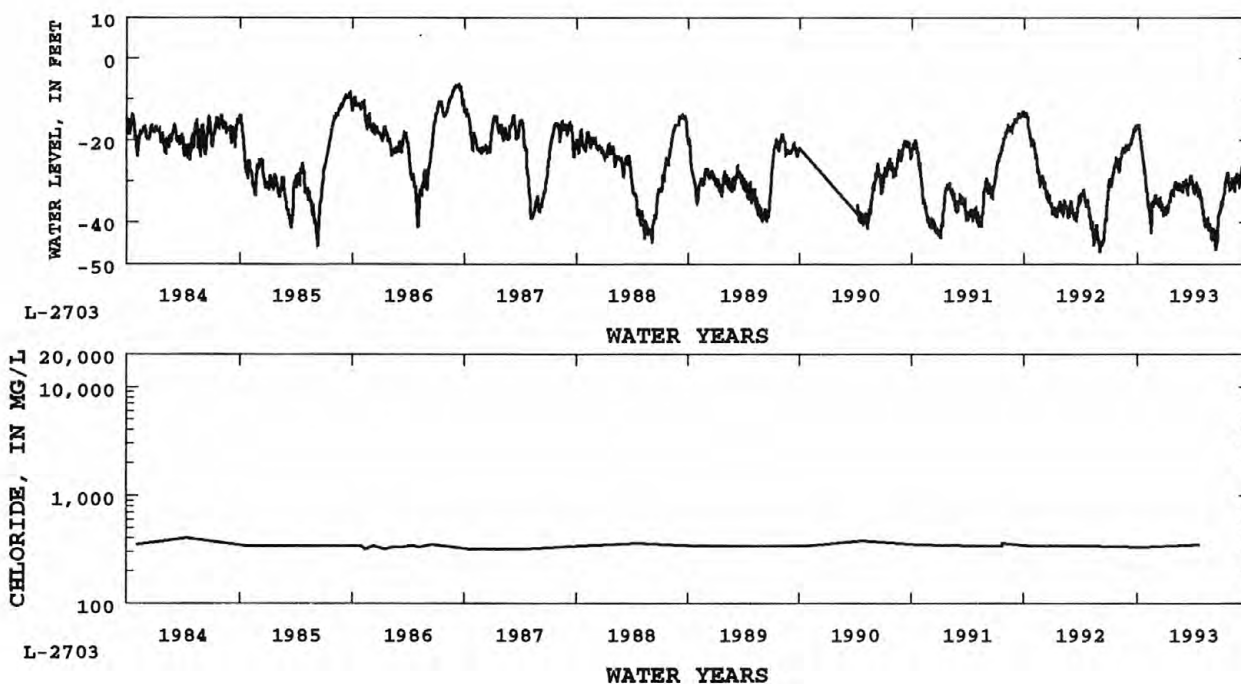
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 3.50 ft below NGVD, Oct. 1, 1979; lowest, 47.11 ft below NGVD, June 2, 1992.

STATION NUMBER 263357081575602 L -2703
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-16.23	-36.57	-34.23	-36.83	-31.04	-29.45	-32.32	-40.44	-42.71	-33.63	-29.97	-26.99
10	---	-37.89	-36.32	-35.14	-31.34	-32.29	-30.86	-39.38	-46.80	-30.63	-31.76	-25.90
15	---	-40.39	-36.03	-33.12	-31.05	-31.05	-33.68	-39.19	-42.78	-28.81	-28.82	-26.50
20	-25.60	-34.92	-36.83	-32.25	-31.06	-28.56	-33.25	-41.81	-37.90	-29.02	-29.06	-26.43
25	-29.17	-34.84	-36.52	-33.22	-31.35	-30.73	-35.20	-42.59	-36.09	-31.94	-31.08	-25.28
EOM	-31.69	-34.22	-38.21	-30.62	-30.11	-32.65	-37.03	-41.85	-35.54	-30.12	-27.42	-25.69
MEAN	---	-36.11	-36.19	-33.80	-31.30	-30.71	-33.18	-40.94	-40.78	-31.02	-29.72	-26.23
MAX	---	-33.32	-34.23	-30.00	-30.11	-28.56	-30.86	-37.32	-35.20	-27.84	-27.42	-25.28
MIN	---	-42.76	-38.52	-37.57	-32.78	-33.43	-37.88	-44.43	-46.80	-36.06	-32.54	-27.69



LEE COUNTY

WELL NUMBER.--263357081575603. Local Number L 3213.

LOCATION.--Lat 26°33'57", long 81°57'56", in sec.12, T.45 S., R.23 E., Hydrologic Unit 03090205, in the median of Country Club Boulevard, 150 ft east of Palm Tree Boulevard, and 1.3 mi west of the Cape Coral Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 17.5 ft, cased to 7.5 ft, slotted 7.5 to 17.5 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 2.68 ft above land-surface datum.

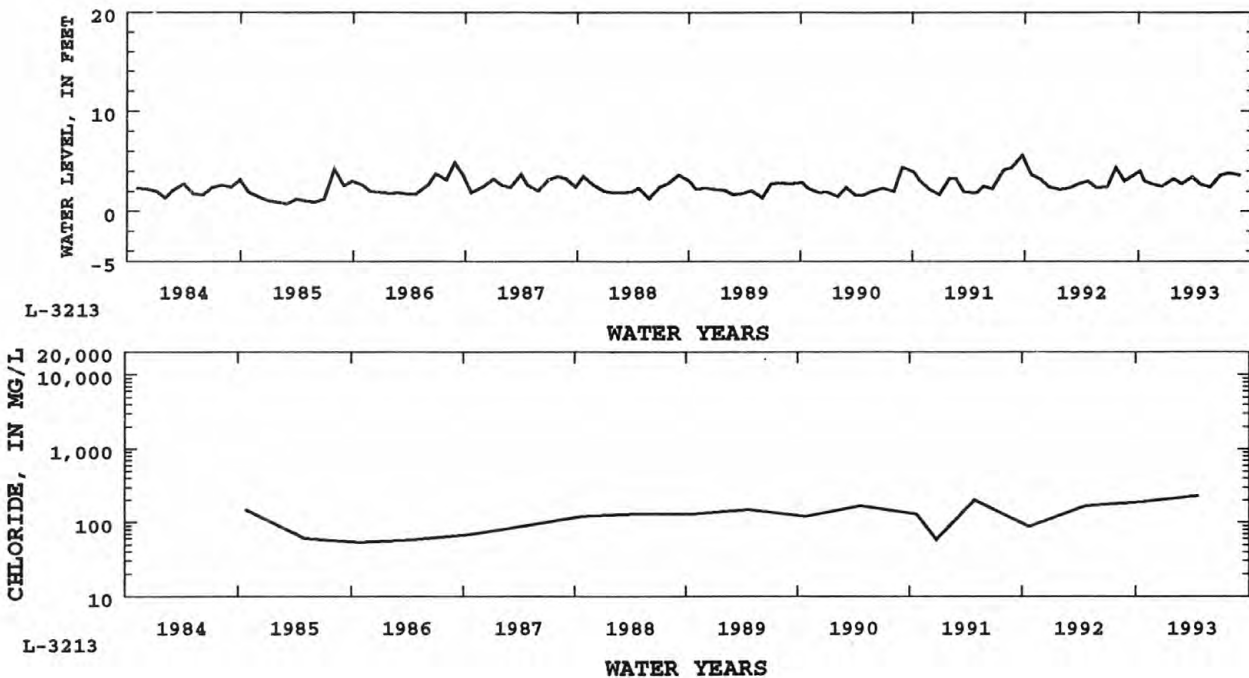
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.84 ft NGVD, Sept. 23, 1991; lowest measured, 0.75 ft NGVD, Feb. 8, 1985.

263357081575603 - L -3213

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	0925	--	--	3.98	19...	1150	1430	230	2.71
19...	0940	1240	190	3.01	MAY				
NOV					19...	1300	--	--	2.41
16...	1350	--	--	2.68	JUN				
DEC					21...	0930	--	--	3.60
14...	1240	--	--	2.47	JUL				
JAN					19...	0915	--	--	3.79
21...	0855	--	--	3.20	AUG				
FEB					23...	0915	--	--	3.56
17...	1120	--	--	2.77					
MAR									
23...	1200	--	--	3.41					



LEE COUNTY

WELL NUMBER.--263307081555901. Local Number L 2435.

LOCATION.--Lat 26°34'07", long 81°55'59", in NW1/4SE1/4 sec.8, T.45 S., R.24 E., Hydrologic Unit 03090205, at intersection of 20th Place and 44th Street and 0.6 mi northeast of Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 704 ft, cased to 352 ft, open hole 352 to 704 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 5.19 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 10 in. casing, 1.00 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

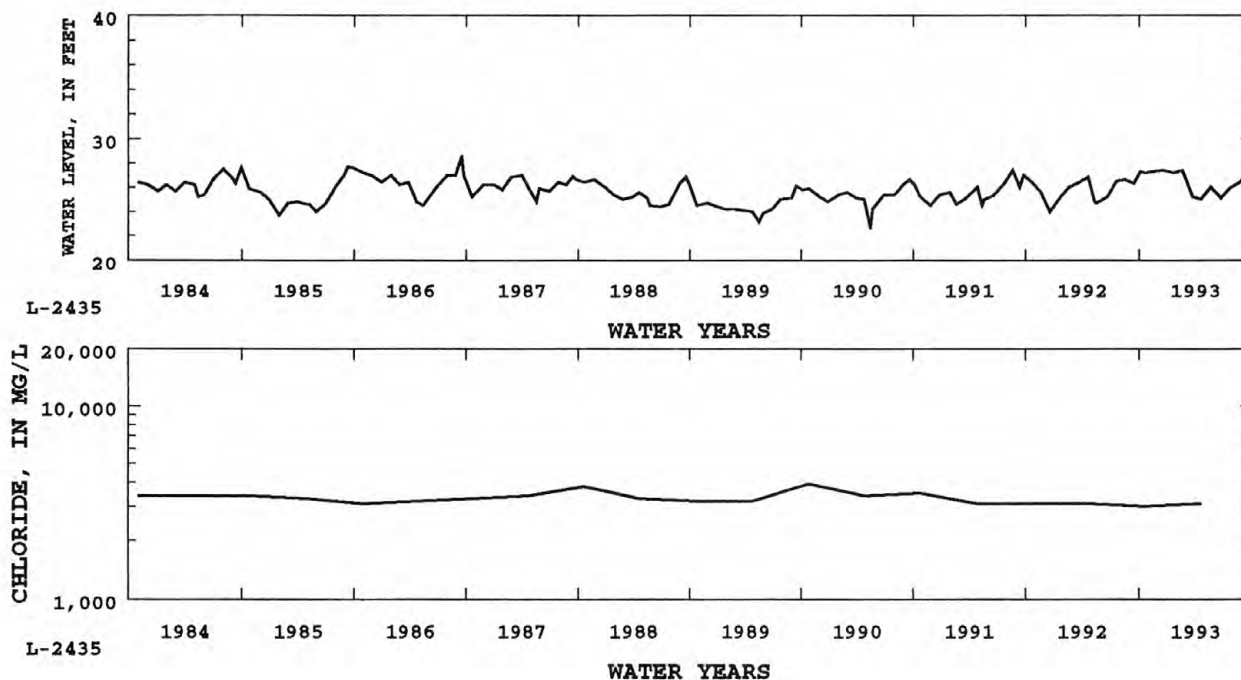
PERIOD OF RECORD.--March 1977 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.8 ft NGVD, Sept. 27, 1979; lowest measured, 22.6 ft NGVD, May 15, 1990.

263307081555901 - L -2435

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	0955	--	--	27.30	19...	1230	10100	3100	25.00
19...	1030	10200	3000	27.20	MAY				
NOV					19...	1235	--	--	26.00
16...	1240	--	--	27.30	JUN				
DEC					21...	0950	--	--	25.10
14...	1255	--	--	27.40	JUL				
JAN					19...	0935	--	--	25.90
21...	0815	--	--	27.20	AUG				
FEB					23...	0935	--	--	26.40
17...	1140	--	--	27.40	SEP				
MAR					13...	1355	--	--	27.10
23...	1235	--	--	25.20					



LEE COUNTY

WELL NUMBER.--263440082022001. Local Number L 2644.

LOCATION.--Lat 26°34'40", long 82°02'20", in SW1/4SW1/4 sec.5, T.45 S., R.23 E., Hydrologic Unit 03100103, in the median of Surfside Boulevard, at the intersection of 39th Terrace, and 5.5 mi west of the Cape Coral Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 112 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 180 ft, cased to 128 ft, open hole 128 to 180 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 4.11 ft above land-surface datum.

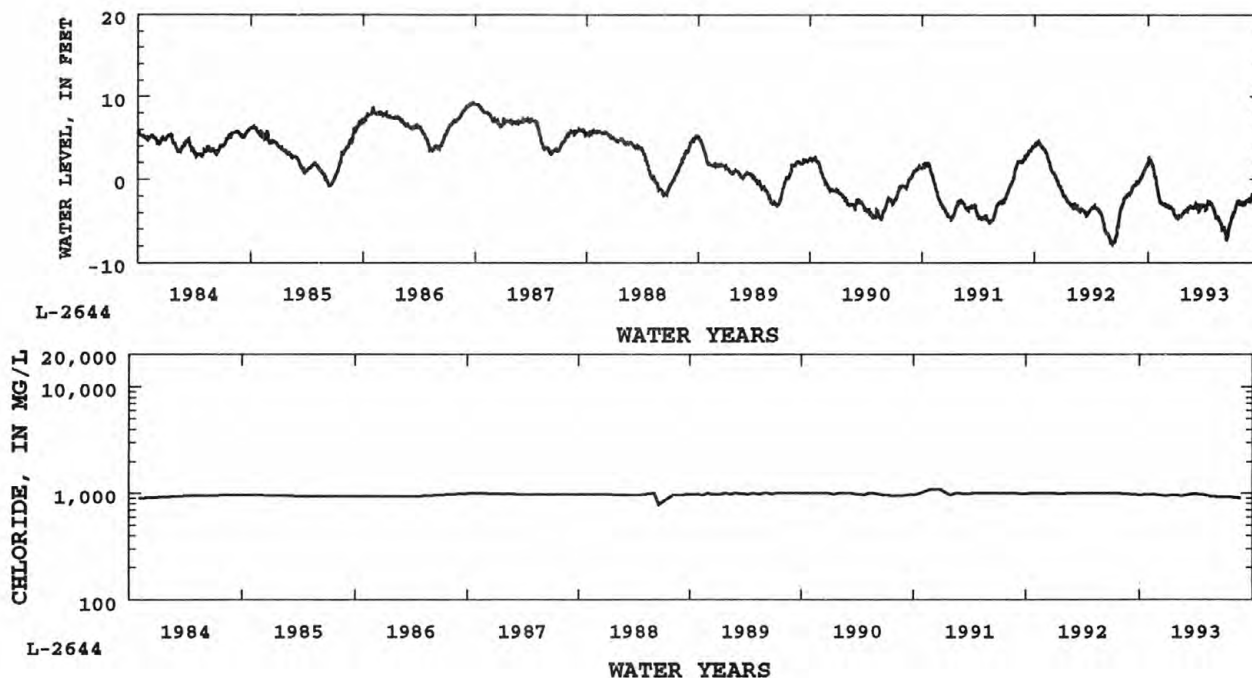
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.28 ft NGVD, Sept. 22, 1986; lowest, 7.82 ft below NGVD, June 7, 1992.

STATION NUMBER 263440082022001 L -2644
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.18	-2.06	-3.10	-4.69	-3.75	-3.18	-3.67	-4.28	-6.16	-4.02	-2.80	-1.82
10	2.11	-2.98	-3.35	-4.57	-3.68	-3.64	-3.01	-4.68	-7.19	-3.45	-3.04	-1.78
15	1.60	-2.92	-3.51	-4.39	-3.49	-3.86	-2.70	-4.63	-6.72	-2.82	-2.62	-1.71
20	.83	-3.07	-3.72	-4.26	-3.48	-3.45	-2.91	-5.14	-5.73	-2.61	-2.50	-1.40
25	.15	-3.14	-4.31	-3.99	-3.54	-3.12	-3.14	-5.52	-4.98	-3.02	-2.82	-1.20
EOM	-1.04	-3.23	-4.75	-3.84	-3.37	-3.29	-3.67	-5.79	-4.42	-3.00	-2.09	-1.22
MEAN	1.15	-2.76	-3.71	-4.34	-3.53	-3.35	-3.16	-4.94	-5.96	-3.23	-2.72	-1.57
MAX	2.69	-1.34	-3.10	-3.84	-3.31	-2.99	-2.68	-3.68	-4.42	-2.61	-2.09	-1.15
MIN	-1.04	-3.23	-4.75	-4.76	-3.84	-3.86	-3.69	-6.02	-7.32	-4.43	-3.22	-1.93
CAL YR 1992	MEAN	-2.89	MAX	2.69	MIN	-7.82						
WTR YR 1993	MEAN	-3.17	MAX	2.69	MIN	-7.32						



LEE COUNTY

WELL NUMBER.--263440082022002. Local Number L 3207.

LOCATION.--Lat 26°34'40", long 82°02'20", in SW1/4SW1/4 sec.5, T.45 S., R.23 E., Hydrologic Unit 03100103, in the median of Surfside Boulevard, at the intersection of 39th Terrace, and 5.5 mi west of the Cape Coral Post Office. Owner; U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft, slotted 8 to 18 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.60 ft (corrected) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.31 ft above land-surface datum.

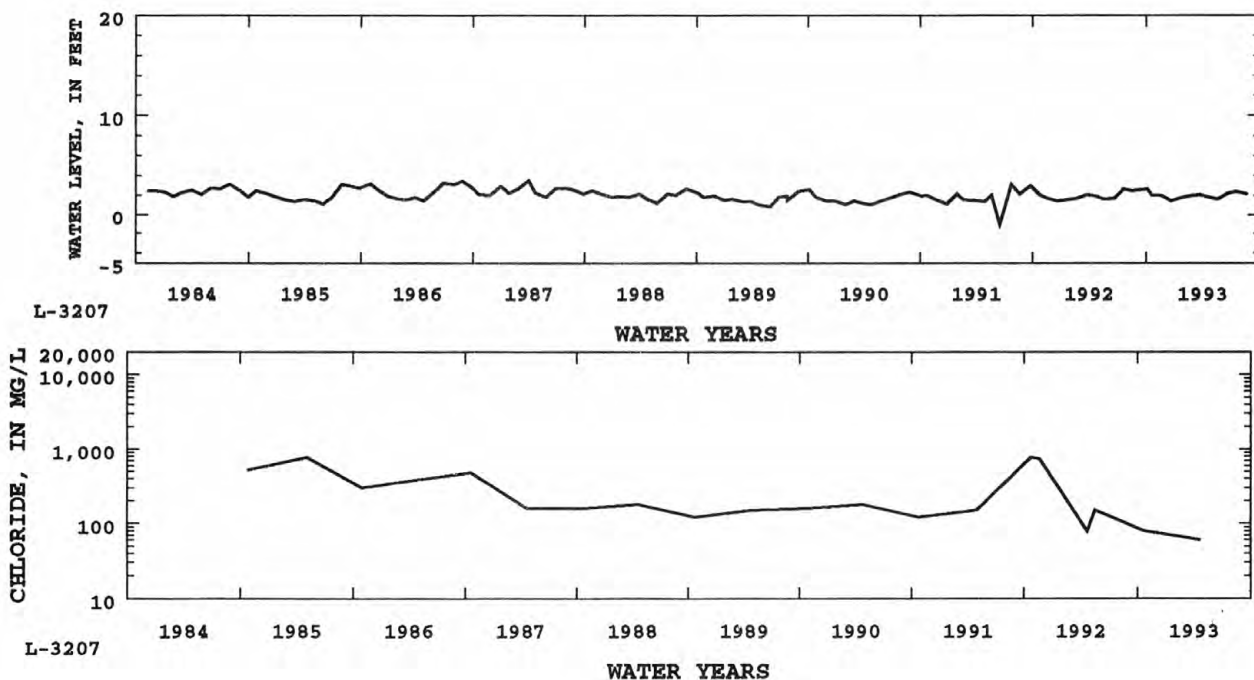
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to September 1979 (bimonthly), May 1980 to October 1980 (semiannual), January 1981 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.22 ft NGVD, Mar. 31, 1987; lowest measured, 1.03 ft below NGVD, June 17, 1991.

263440082022002 - L -3207

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1105	--	--	2.66	19...	1420	1310	60	1.81
19...	1145	1910	80	1.99	MAY				
NOV					19...	1430	--	--	1.59
17...	1040	--	--	1.96	JUN				
DEC					21...	1100	--	--	2.20
21...	0850	--	--	1.39	JUL				
JAN					19...	1035	--	--	2.34
21...	1010	--	--	1.72	AUG				
FEB					23...	1045	--	--	2.12
17...	1325	--	--	1.94					
MAR									
23...	1350	--	--	2.07					



LEE COUNTY

WELL NUMBER.--263526082010201. Local Number L 2434.

LOCATION.--Lat 26°35'26", long 82°01'02", in NE1/4NW1/4 sec.4, T.45 S., R.23 E., Hydrologic Unit 03100103, at the Cape Coral Reverse Osmosis Water Plant and 5 mi northwest of Cape Coral Post Office. Owner: Cape Coral Water Co.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 700 ft, cased to 353 ft, open hole 353 to 700 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 6.34 ft above National Geodetic Vertical Datum of 1929. Measuring point: Recorder shelf, 10.99 ft above land-surface datum.

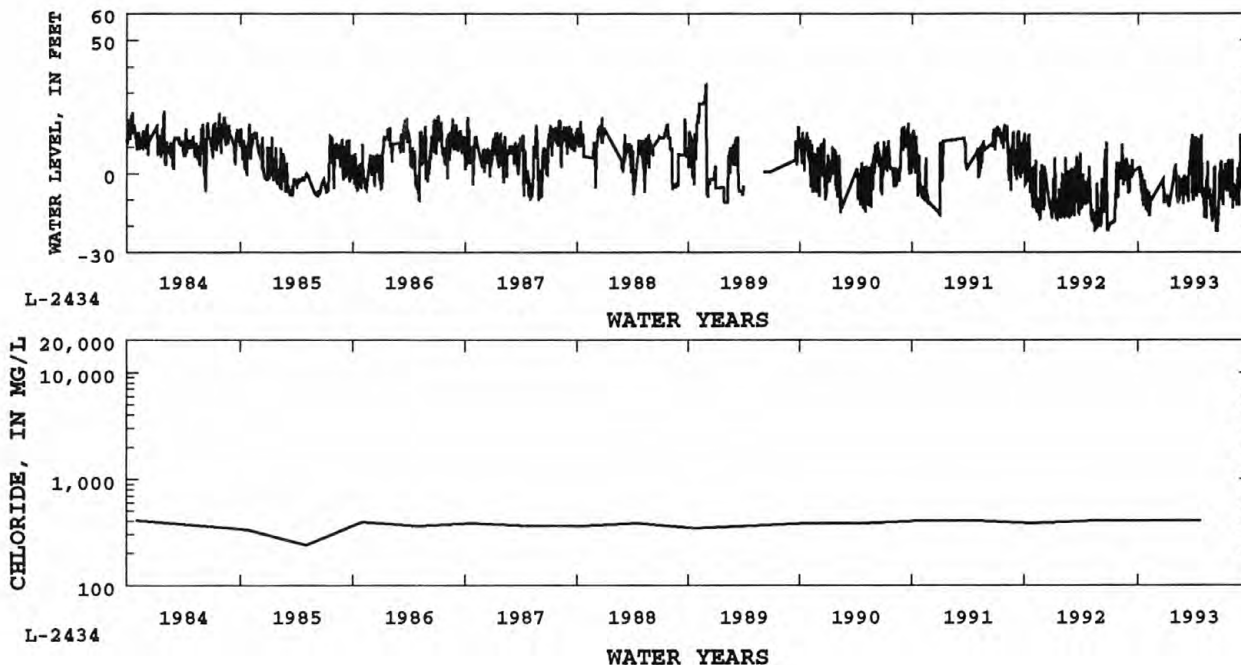
REMARKS.--Water levels affected by nearby pumping wells. Well also sampled for water quality.

PERIOD OF RECORD.--March 1977 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.5 ft NGVD, Mar. 11, 1977; lowest daily maximum, 21.84 ft below NGVD, June 13, 1993.

STATION NUMBER 263526082010201 L -2434
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	-7.49	---	-10.83	-9.32	-1.66	13.36	-11.00	-9.45	-1.61	-4.17	-3.85
10	-2.31	-10.91	---	---	-7.29	-7.68	12.79	-2.60	-21.58	.86	-6.01	13.48
15	-10.01	---	---	---	-6.73	---	12.32	-5.24	-16.12	-1.59	-10.05	-8.23
20	-4.86	---	---	---	-3.53	---	1.88	-6.07	.03	-6.36	-4.01	-2.22
25	-13.65	---	-10.87	-.65	-3.05	-6.33	-6.54	-10.49	4.57	-9.17	-6.19	-4.61
EOM	-6.58	---	-9.59	-2.24	-1.48	-2.02	-9.35	-7.88	-9.22	-4.93	5.47	-2.53
MEAN	---	---	---	---	-5.58	---	.36	-8.98	-8.81	-2.69	-4.63	.01
MAX	---	---	---	---	-.94	---	14.23	4.36	4.57	5.05	14.27	15.24
MIN	---	---	---	---	-11.34	---	-9.35	-18.08	-21.84	-11.95	-13.01	-11.97



LEE COUNTY

WELL NUMBER.--263532081592201. Local Number L 581.

LOCATION.--Lat 26°35'32", long 81°59'22", in NW1/4NW1/4 sec.2, T.45 S., R.23 E., Hydrologic Unit 03090205, 0.1 mi east of intersection of Skyline Boulevard and Gleason Parkway and 3.5 mi northwest of Cape Coral Post Office. Owner: City of Cape Coral, Florida.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in., depth 177 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 9.58 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.39 ft above land-surface datum.

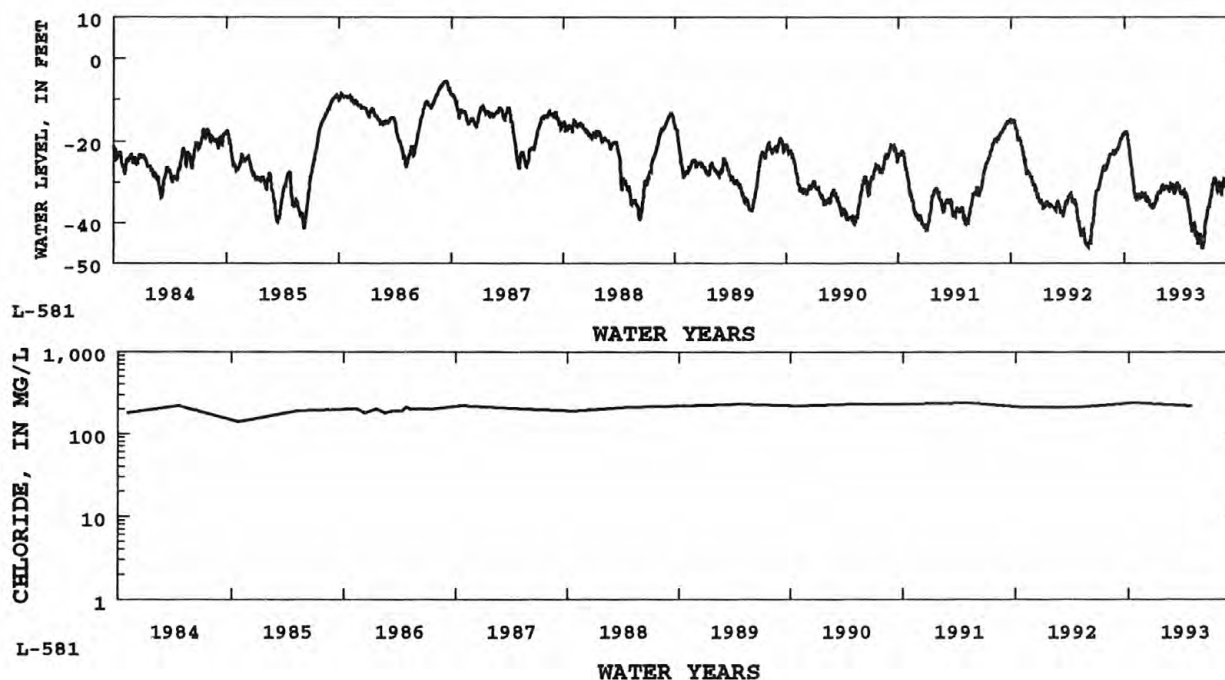
REMARKS.--Water levels affected by pumping of nearby wells. Well also sampled for water quality.

PERIOD OF RECORD.--May 1966 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 4.77 ft below NGVD, Sept. 10, 1960; lowest, 46.24 ft below NGVD, June 9, 1993.

STATION NUMBER 263532081592201 L - 581
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-17.89	-33.52	-32.87	-35.50	-31.55	-30.63	-32.97	-40.53	-43.96	-34.54	-30.35	-27.95
10	-18.08	-34.40	-34.45	-34.59	-31.46	-32.28	-32.17	-40.92	-46.24	-31.88	-32.63	-27.31
15	-21.06	-32.95	-33.95	-33.22	-30.99	-32.01	-33.86	-40.33	-43.45	-29.79	-30.06	-26.72
20	-24.13	-33.62	-34.85	-32.47	-31.23	-30.01	-33.67	-42.52	-39.63	-29.00	-29.59	-26.61
25	-27.09	-33.30	-35.95	-32.78	-31.62	-31.01	-35.43	-44.28	-37.46	-30.79	-31.04	-25.97
EOM	-30.35	-32.86	-36.43	-30.99	-30.47	-32.58	-37.58	-43.24	-36.08	-31.32	-28.56	-25.69
MEAN	---	-33.35	-34.56	-33.48	-31.39	-31.27	-33.79	-42.04	-41.68	-31.64	-30.49	-26.88
MAX	---	-31.07	-32.86	-30.99	-30.47	-30.01	-32.07	-37.99	-36.03	-28.97	-28.56	-25.69
MIN	---	-34.41	-36.43	-35.98	-32.43	-32.93	-37.58	-45.36	-46.24	-35.98	-33.26	-28.15



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS LEE COUNTY

WELL NUMBER.--263532081592202. Local Number L 1136.

LOCATION.--Lat 26°35'32", long 81°59'22", in NW1/4NW1/4 sec.2, T.45 S., R.23 E., Hydrologic Unit 03090205, 0.1 mi east of intersection of Skyline Boulevard and Gleason Parkway, and 3.5 mi northwest of Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20 ft, cased to 15 ft, slotted 15 to 20 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. cap, 3.00 ft above land-surface datum.

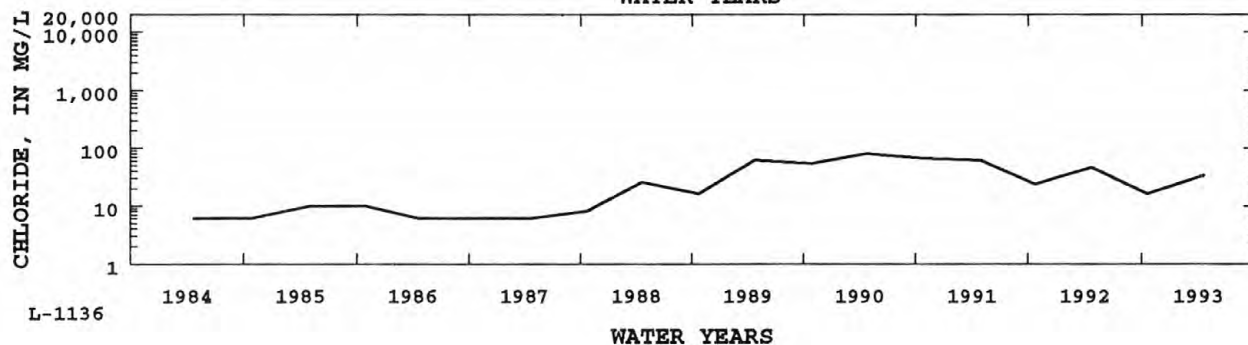
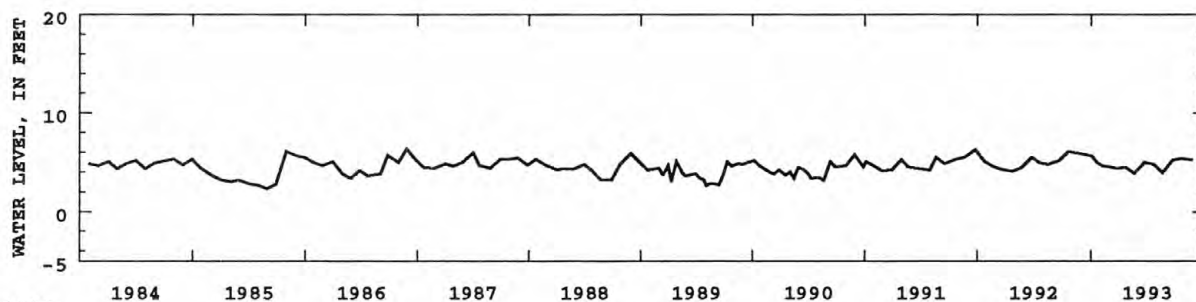
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--June 1970 to current year. Records of water level prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.94 ft NGVD, July 31, 1974; lowest measured, 2.01 ft NGVD, Apr. 29, 1974.

263532081592202 - L -1136

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	ABOVE			ANCE	(MG/L	ABOVE
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					MAR				
05...	1205	--	--	5.64	23...	1610	--	--	4.95
19...	1305	359	16	4.97	APR				
NOV					19...	1530	516	34	4.74
09...	0900	--	--	4.54	MAY				
17...	1250	--	--	4.58	20...	0930	--	--	3.95
DEC					JUN				
21...	1020	--	--	4.40	21...	1200	--	--	5.25
JAN					JUL				
21...	1220	--	--	4.41	19...	1130	--	--	5.32
FEB					AUG				
17...	1430	--	--	3.86	23...	1130	--	--	5.21



LEE COUNTY

WELL NUMBER.--263533081573401. Local Number L 2641.

LOCATION.--Lat 26°35'33", long 81°57'34", in SE1/4SE1/4 sec.36, T.44 S., R.23 E., Hydrologic Unit 03090205, in the median of Academy Boulevard SE, 100 ft north of 32nd Street and 2.8 mi northwest of the Cape Coral Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 170 ft, cased to 118 ft, open hole 118 to 170 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.75 ft above land-surface datum.

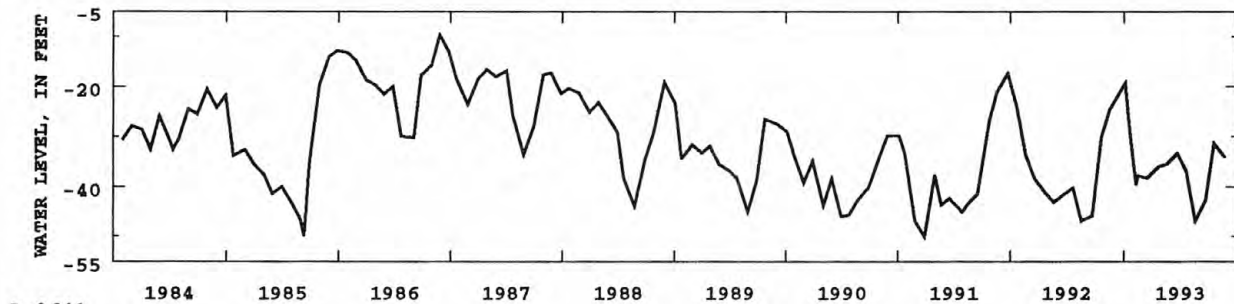
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to September 1980 (bimonthly), October 1980 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

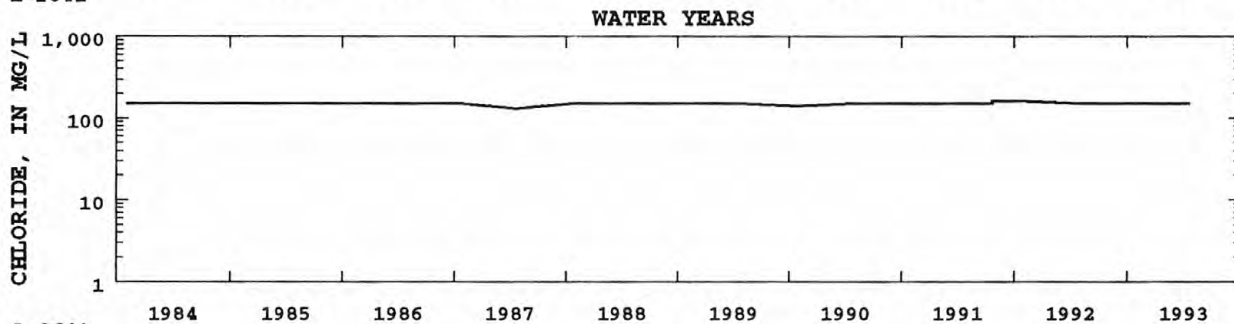
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.78 ft below NGVD, Aug. 26, 1986; lowest measured, 50.18 ft below NGVD, Dec. 27, 1990.

263533081573401 - L -2641

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
05...	0920	--	--	-19.39	23...	1130	--	--	-33.39
19...	0925	897	150	-28.88	APR				
NOV					19...	1120	893	150	-36.85
09...	1005	--	--	-39.54	MAY				
16...	1300	--	--	-37.82	20...	1000	--	--	-46.85
DEC					JUN				
14...	1215	--	--	-38.34	21...	0920	--	--	-42.72
JAN					JUL				
21...	0840	--	--	-35.99	19...	0905	--	--	-31.40
FEB					AUG				
17...	1055	--	--	-35.51	23...	0900	--	--	-34.12



L-2641



L-2641

WATER YEARS

LEE COUNTY

WELL NUMBER.--263533081573402. Local Number L 3204.

LOCATION.--Lat 26°35'33", long 81°57'34", in SE1/4SE1/4 sec.36, T.44 S., R.23 E., Hydrologic Unit 03090205, in the median of Academy Boulevard SE, 100 ft north of 32nd Street, and 2.8 mi northwest of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft, slotted 8 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.54 ft above land-surface datum.

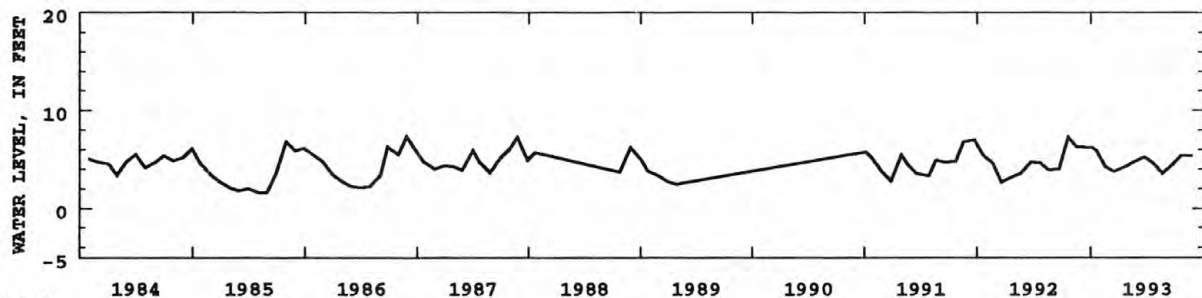
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to September 1979 (bimonthly), May 1980 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

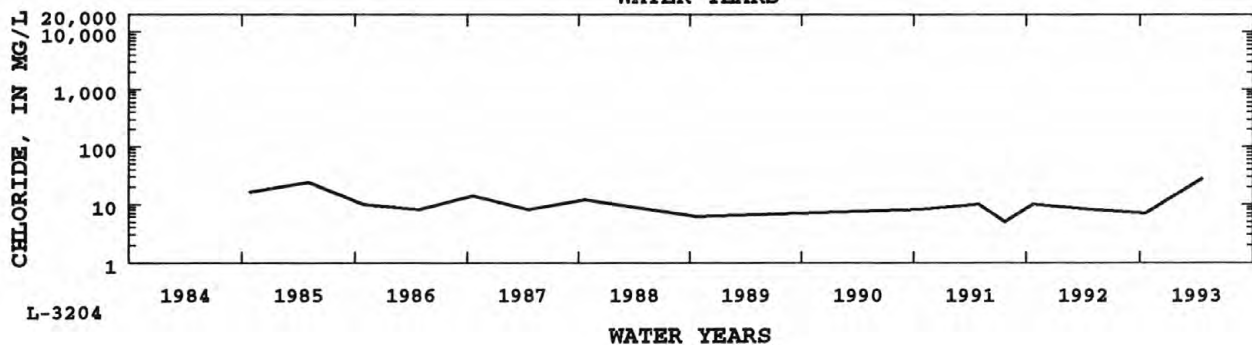
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.66 ft NGVD, Feb. 28, 1983; lowest measured, 1.34 ft NGVD, May 29, 1982.

263533081573402 - L -3204

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	0915	--	--	6.21	19...	1140	599	28	4.54
19...	0920	544	7.0	5.88	MAY				
NOV					20...	1000	--	--	3.54
16...	1300	--	--	4.25	JUN				
DEC					21...	0920	--	--	4.46
14...	1215	--	--	3.72	JUL				
JAN					19...	0900	--	--	5.35
21...	0845	--	--	4.24	AUG				
FEB					23...	0900	--	--	5.33
17...	1055	--	--	4.72					
MAR									
23...	1130	--	--	5.24					



L-3204



L-3204

LEE COUNTY

WELL NUMBER.--263621081563701. Local Number L 2702.

LOCATION.--Lat 26°36'21", long 81°56'37", in NE1/4NE1/4 sec.31, T.44 S., R.24 E., Hydrologic Unit 03090205, in the median strip of Everest Parkway, and 200 ft west of Del Prado and 2.3 mi north of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 155 ft, cased to 120 ft, open hole 120 to 155 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 7.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 3.82 ft above land-surface datum.

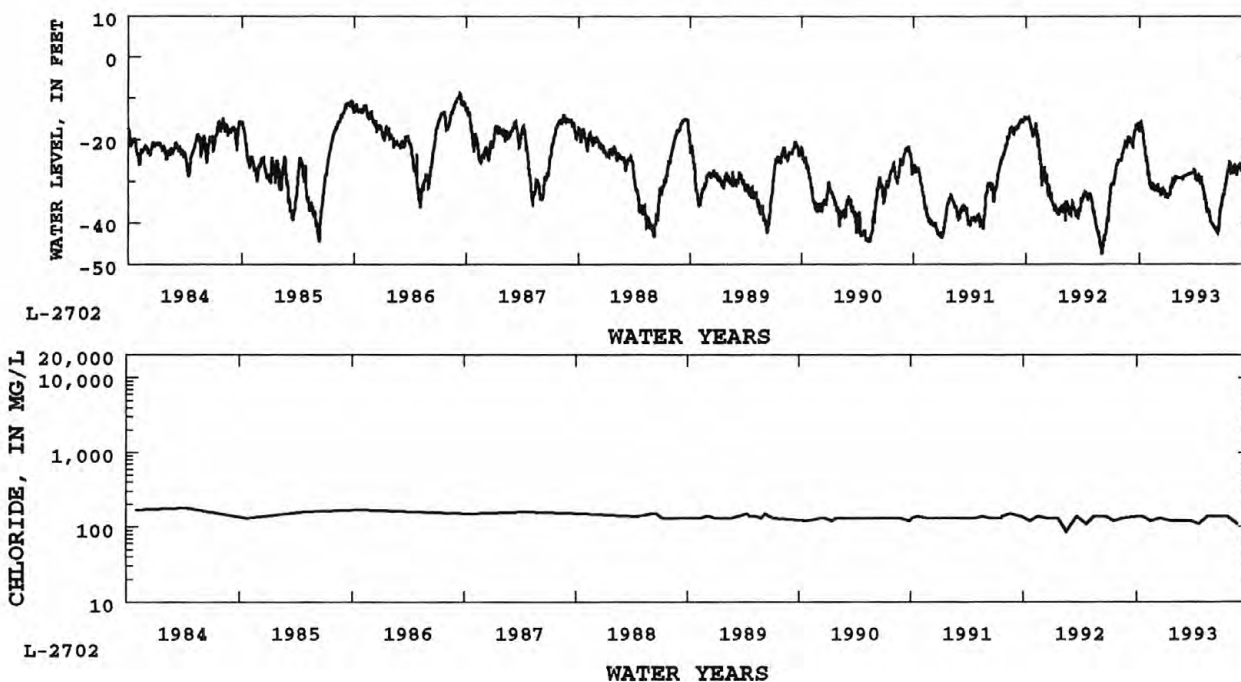
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.52 ft below NGVD, Oct. 17, 1978; lowest, 47.73 ft below NGVD, June 2, 1992.

STATION NUMBER 263621081563701 L -2702
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-15.87	-31.19	-31.94	-33.04	-29.23	---	-29.30	-36.09	---	-30.96	-26.16	-24.90
10	-17.37	-31.73	-33.21	-31.32	-29.19	---	-28.75	-36.43	-41.92	-28.61	-28.61	-24.42
15	-20.68	-30.91	-32.30	-30.24	-29.14	---	-30.39	-37.32	-40.01	-26.95	-27.10	-24.10
20	-23.82	-31.77	-32.29	-29.69	---	---	-30.36	---	-36.40	-25.84	-26.12	-23.46
25	-25.44	-31.86	-32.94	-29.84	---	-27.89	-31.79	---	-34.22	-27.72	-27.41	-23.43
EOM	-27.91	-31.23	-34.00	-29.13	---	-29.37	-33.63	---	-33.04	-26.91	-25.26	-22.71
MEAN	-21.32	-31.18	-32.69	-30.71	---	---	-30.30	---	---	-28.39	-26.78	-23.96
MAX	-15.87	-28.57	-31.62	-28.92	---	---	-28.68	---	---	-25.57	-25.26	-22.71
MIN	-28.10	-32.32	-34.00	-33.38	---	---	-33.84	---	---	-33.08	-28.61	-24.91



LEE COUNTY

WELL NUMBER.--263621081563702. Local Number L 3212.

LOCATION.--Lat 26°36'21", long 81°56'37", in NE1/4NE1/4 sec.31, T.44 S., R.24 E., Hydrologic Unit 03090205, in the median of Everest Parkway, 200 ft west of Del Prado, and 2.3 mi north of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 10 ft, slotted 10 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.47 ft above land-surface datum.

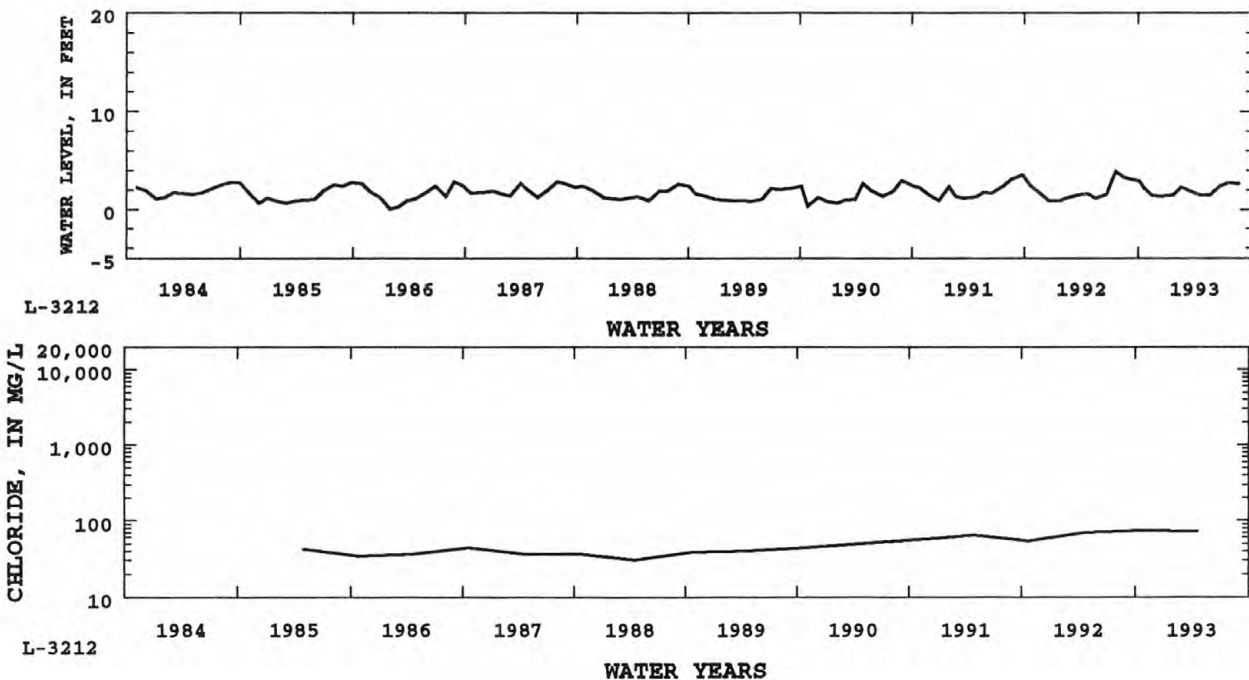
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.49 ft NGVD, May 31, 1979; lowest measured, 0.06 ft NGVD, Jan. 29, 1986.

263621081563702 - L -3212

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	AS	NGVD			DUCT-	AS	NGVD
(US/CM)	(MG/L)		CL)	(FEET)	(US/CM)	(MG/L)		CL)	(FEET)
OCT					APR				
05...	0845	--	--	2.90	19...	1050	798	72	1.44
19...	0850	789	74	2.20	MAY				
NOV					20...	1010	--	--	1.43
16...	1015	--	--	1.41	JUN				
DEC					21...	0840	--	--	2.36
14...	1130	--	--	1.32	JUL				
JAN					19...	0830	--	--	2.71
21...	0820	--	--	1.43	AUG				
FEB					23...	0830	--	--	2.62
17...	1040	--	--	2.21					
MAR									
23...	1120	--	--	1.77					



LEE COUNTY

WELL NUMBER.--263630081375301. Local Number L 1418.

LOCATION.--Lat 26°36'30", long 81°37'53", in SE1/4NE1/4 sec.32, T.44 S., R.27 E., Hydrologic Unit 03090205, 0.5 mi north of intersection of Leeland Heights Boulevard and Texas Road and 1.0 mi northeast of Lehigh Acres Post Office. Owner: Lehigh Corporation.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in., depth 62 ft, cased to 55 ft, open hole 55 to 62 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 23.47 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 1.84 ft above land-surface datum.

REMARKS.--Water levels affected by pumping of nearby wells. Well also sampled for water quality.

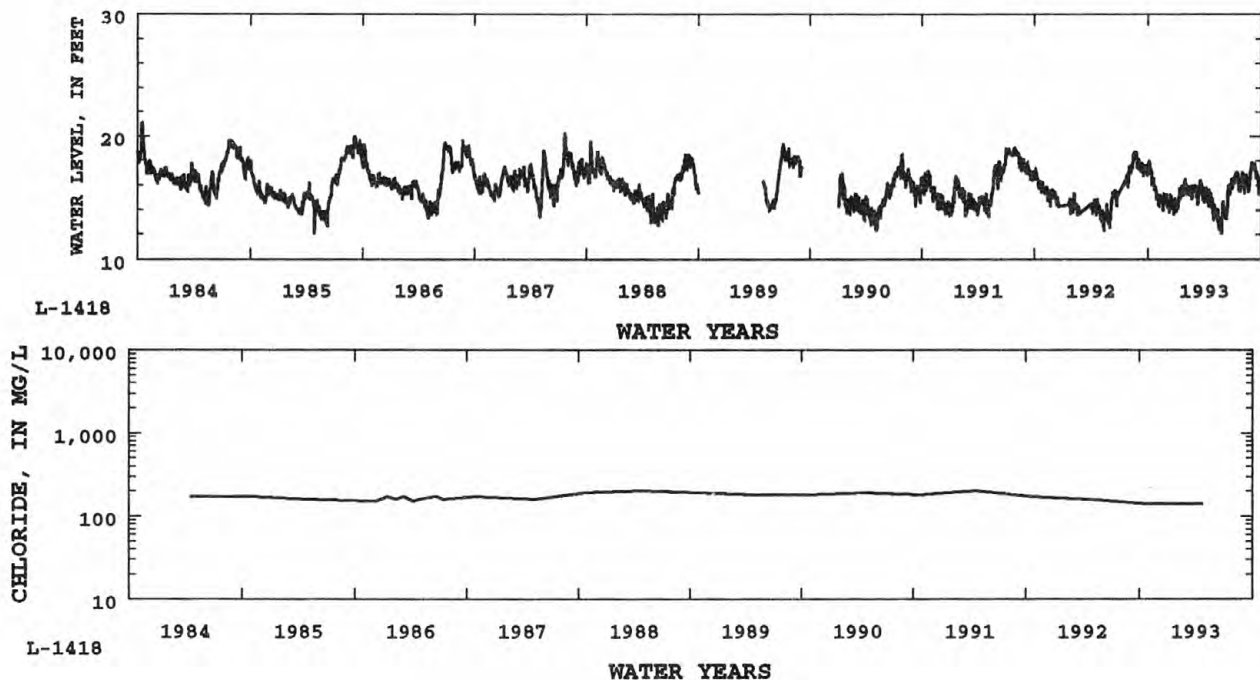
PERIOD OF RECORD.--January 1971 to October 1988, March 1988 to September 1989, November 1990 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 23.05 ft NGVD, June 20, 1971; lowest, 8.53 ft NGVD, May 1, 1975.

STATION NUMBER 263630081375301 L --1418
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.05	14.39	14.33	14.75	15.90	15.97	15.37	13.73	13.43	16.51	16.17	17.36
10	17.26	15.21	14.62	15.20	15.31	14.47	14.83	13.57	13.35	16.18	16.23	17.86
15	16.66	15.01	14.68	15.63	15.98	15.85	14.84	13.38	14.99	17.06	16.52	16.56
20	16.46	14.71	14.25	15.25	14.88	15.75	15.33	12.84	15.60	16.55	16.03	16.73
25	15.80	14.51	14.64	15.56	15.97	15.39	14.44	12.52	15.83	16.29	16.29	15.44
EOM	15.06	15.21	13.84	15.80	15.65	14.63	14.55	14.70	15.72	16.63	17.92	16.43
MEAN	16.49	14.84	14.44	15.34	15.65	15.51	14.92	13.35	14.83	16.39	16.47	16.86
MAX	18.05	15.28	15.13	16.55	16.09	16.49	15.86	14.70	16.58	17.06	17.92	17.86
MIN	14.86	13.92	13.63	14.11	14.88	14.47	13.71	12.05	13.23	15.49	15.31	15.24

WTR YR 1993 MEAN 15.42 MAX 18.05 MIN 12.05



LEE COUNTY

WELL NUMBER.--263633082002701. Local Number L 1116.

LOCATION.--Lat 26°36'53", long 82°00'27", in SE1/4SE1/4 sec.28, T.44 S., R.23 E., Hydrologic Unit 03100103, 200 ft northeast of the intersection 15th Avenue and 19th Lane S.W. and 5.8 mi northwest of Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 205 ft, cased to 106 ft, open hole 106 to 205 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.02 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 4.00 ft above land-surface datum.

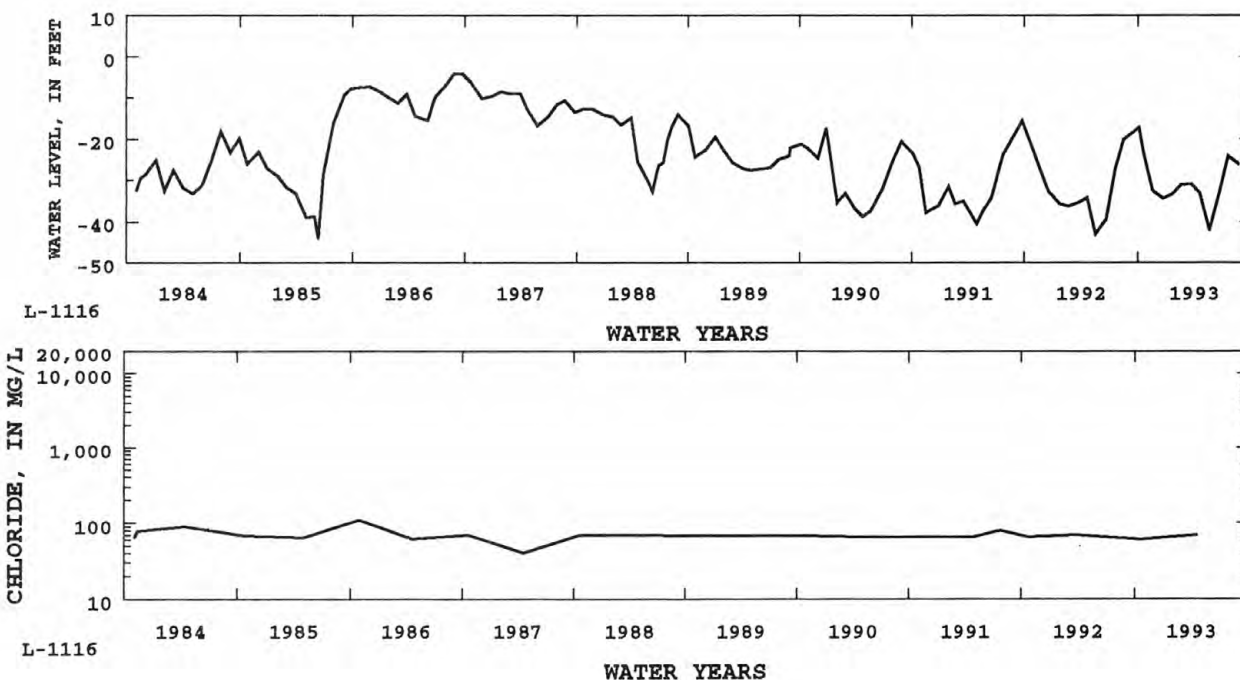
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1970 to April 1974 (annually), May 1975 to May 1976 (semiannual), October 1976 to September 1980 (quarterly), October 1980 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.08 ft below NGVD, Sept. 23, 1986; lowest measured, 44.20 ft below NGVD, June 10, 1985.

263633082002701 - L -1116

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L NGVD				ANCE	(MG/L NGVD	
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
05...	1225	--	--	-17.28	19...	1550	530	70	-33.18
19...	1325	583	60	-23.38	MAY				
NOV					20...	0840	--	--	-42.11
17...	1315	--	--	-32.63	JUN				
DEC					21...	1225	--	--	-32.53
21...	1035	--	--	-34.47	JUL				
JAN					19...	1150	--	--	-24.15
21...	1220	--	--	-33.35	AUG				
FEB					23...	1150	--	--	-26.23
17...	1450	--	--	-31.04					
MAR									
23...	1620	--	--	-30.99					



LEE COUNTY

WELL NUMBER.--263712081461201. Local Number L 728.

LOCATION.--Lat 26°37'12", long 81°46'12", in NE1/4SW1/4 sec.25, T.44 S., R.25 E., Hydrologic Unit 03090204, at intersection of Lee Boulevard and State Road 82, and 6.6 mi southeast of Fort Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 19 ft, cased to 18 ft, open hole 18 to 19 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.05 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.60 ft above land-surface datum.

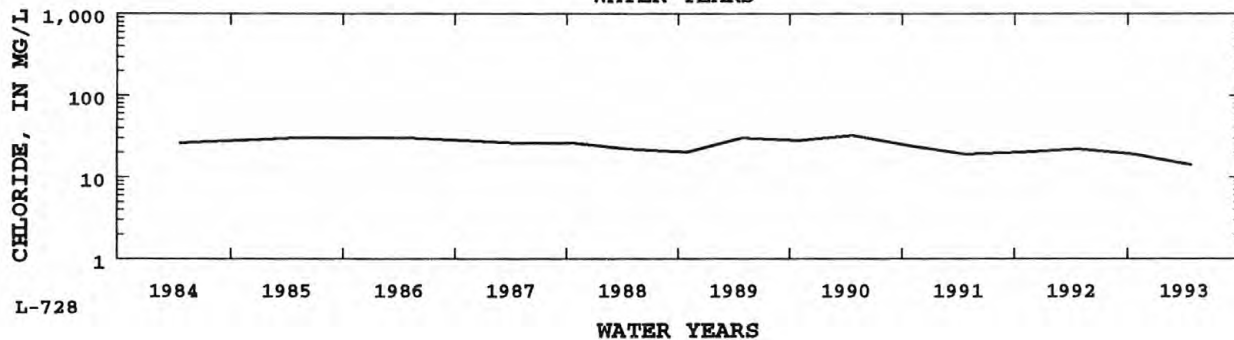
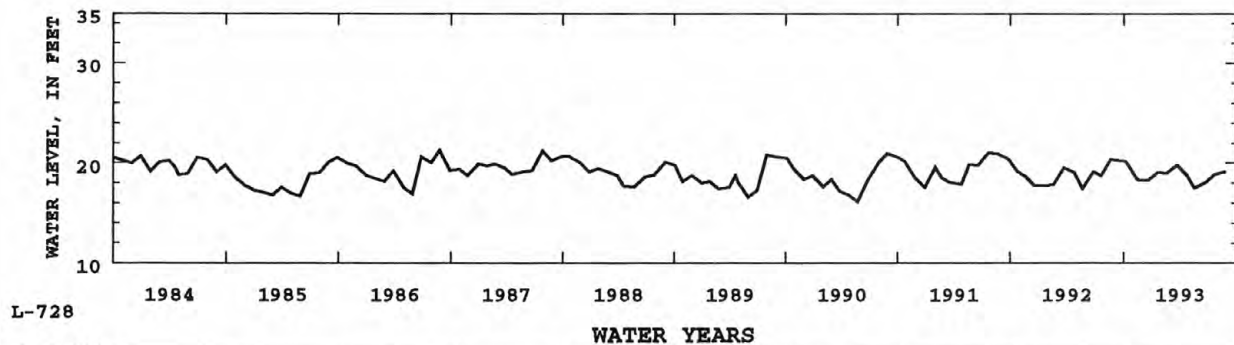
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--July 1968 to February 1972 (bimonthly), March 1972 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.44 ft NGVD, Sept. 27, 1979; lowest measured, 15.94 ft NGVD, May 17, 1974.

263712081461201 - L - 728

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
07...	1730	--	--	20.13	22...	1410	--	--	19.75
23...	1530	410	19	19.40	APR				
NOV					23...	1120	380	14	18.78
09...	1120	--	--	18.55	MAY				
17...	1450	--	--	18.30	18...	1515	--	--	17.47
DEC					JUN				
18...	1225	--	--	18.30	22...	1455	--	--	18.08
JAN					JUL				
19...	1455	--	--	19.04	23...	1450	--	--	18.86
FEB					AUG				
16...	1435	--	--	18.99	24...	1350	--	--	19.15



LEE COUNTY

WELL NUMBER.--263718081485001. Local Number L 1973.

LOCATION.--Lat 26°37'18", long 81°48'50", in SW1/4NE1/4 sec.28, T.44 S., R.25 E., Hydrologic Unit 02090205, in city well field at Eastwood Golf Course, 300 ft west of Ortiz Boulevard and 3.9 mi southeast of Fort Myers Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 225 ft, cased to 172 ft, open hole 172 to 225 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.70 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

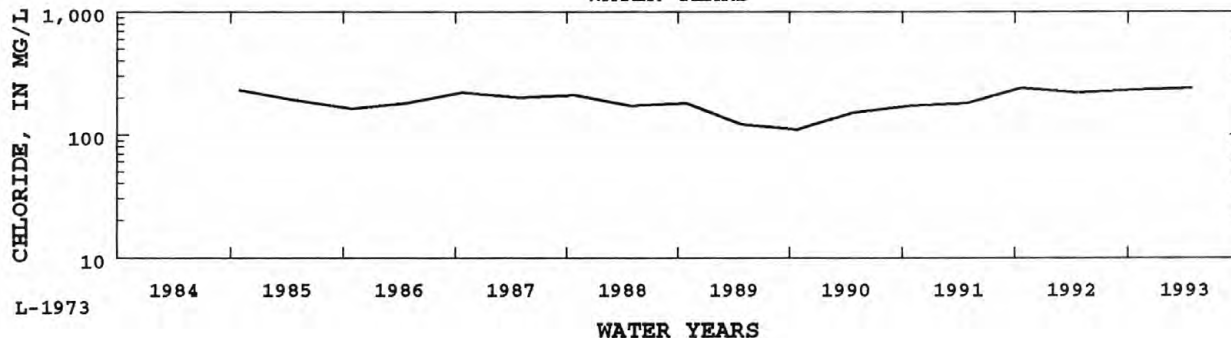
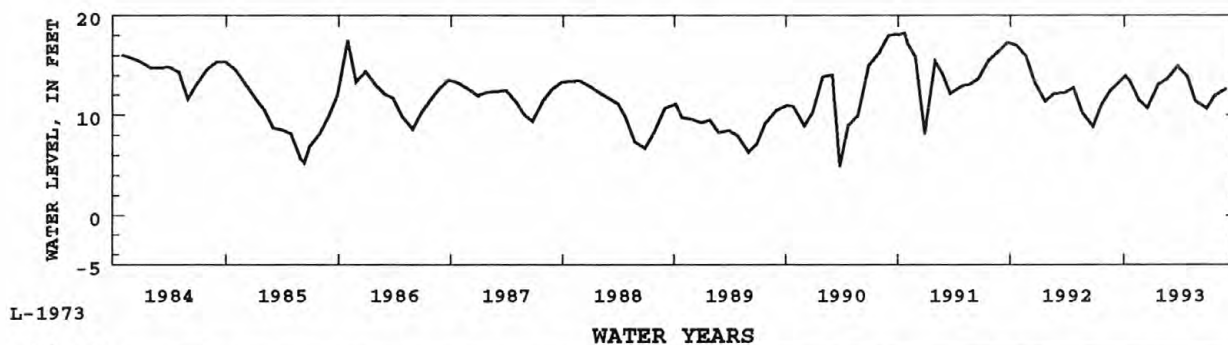
PERIOD OF RECORD.--September 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.50 ft NGVD, Sept. 17, 1974; lowest measured, 4.89 ft NGVD, Mar. 26, 1990.

263718081485001 - L -1973

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	1025	--	--	13.89	23...	1200	1180	240	13.84
20...	0810	1190	230	13.36	MAY				
NOV					17...	1200	--	--	11.48
17...	1500	--	--	11.51	JUN				
DEC					23...	1210	--	--	10.68
15...	0905	--	--	10.74	JUL				
JAN					21...	1430	--	--	11.96
20...	0740	--	--	13.09	AUG				
FEB					24...	1420	--	--	12.63
17...	1420	--	--	13.65					
MAR									
23...	0730	--	--	14.88					



LEE COUNTY

WELL NUMBER.--263718081485002. Local Number L 1974.

LOCATION.--Lat 26°37'18", long 81°48'50", in SW1/4NE1/4 sec.28, T.44 S., R.25 E., Hydrologic Unit 03090205, in city well field, at Eastwood Golf Course, 300 ft west of Ortiz Boulevard, and 3.9 mi southeast of Fort Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 135 ft, cased to 85 ft, screen 85 to 135 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.94 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.70 ft above land-surface datum.

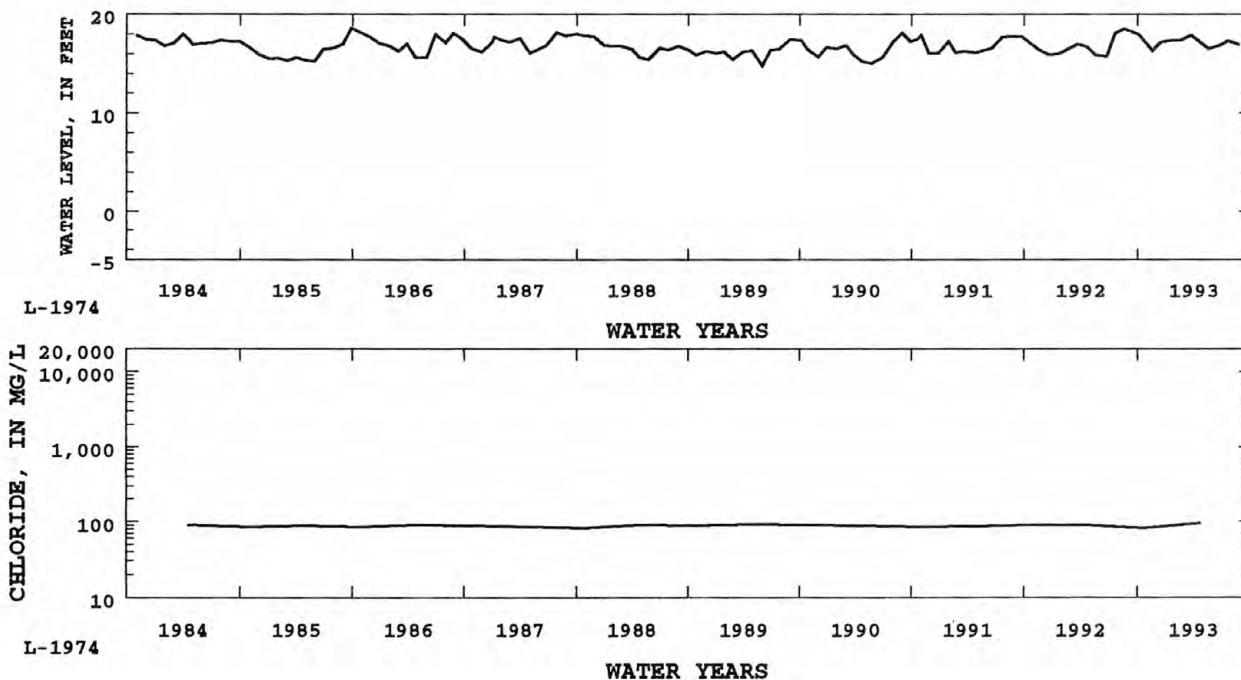
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.13 ft NGVD, Sept. 26, 1976; lowest measured, 14.73 ft NGVD, Apr. 1, 1977.

263718081485002 - L -1974

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	1030	--	--	17.94	23...	1205	651	96	17.06
20...	0815	646	82	17.35	MAY				
NOV					17...	1205	--	--	16.49
17...	1500	--	--	16.30	JUN				
DEC					23...	1215	--	--	16.84
15...	0905	--	--	17.14	JUL				
JAN					21...	1425	--	--	17.26
20...	0740	--	--	17.30	AUG				
FEB					24...	1420	--	--	16.87
17...	1410	--	--	17.31					
MAR									
23...	0740	--	--	17.85					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263718081485003. Local Number L 2292.

LOCATION.--Lat 26°37'18", long 81°48'50", in SW1/4NE1/4 sec.28, T.44 S., R.25 E., Hydrologic Unit 03090205, in city well field, at Eastwood Golf Course, 300 ft west of Ortiz Boulevard, and 3.9 mi southeast of Fort Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 616 ft, cased to 302 ft, open hole 302 to 616 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 20.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.20 ft above land-surface datum.

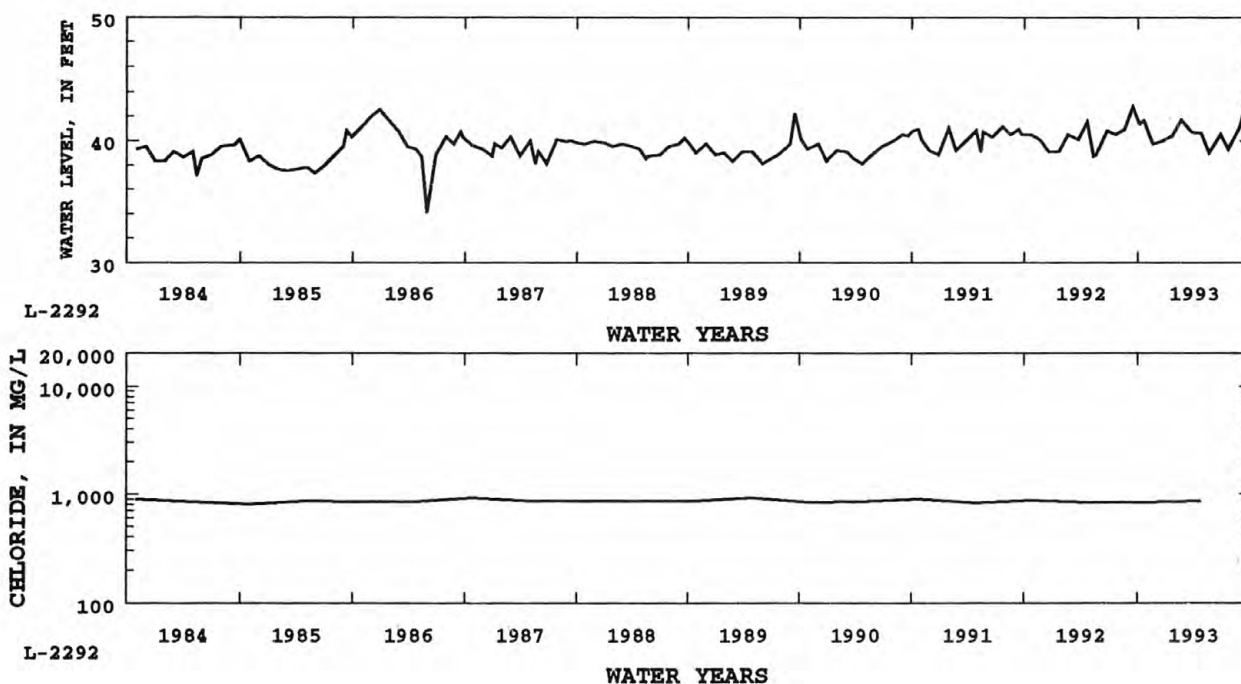
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1976 to current year. Records of water levels prior to October 1982 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 42.9 ft NGVD, Sept. 13, 1993; lowest measured, 32.7 ft NGVD, June 29, 1978. (Corrected).

263718081485003 - L -2292

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
06...	1020	--	--	41.30	23...	1155	3470	860	40.60
20...	0810	3460	840	41.60	MAY				
NOV					17...	1200	--	--	39.00
17...	1455	--	--	39.70	JUN				
DEC					23...	1210	--	--	40.50
15...	0905	--	--	39.90	JUL				
JAN					19...	1430	--	--	39.30
20...	0735	--	--	40.40	AUG				
FEB					24...	1415	--	--	41.10
17...	1410	--	--	41.70	SEP				
MAR					13...	1100	--	--	42.90
23...	0730	--	--	40.70					



LEE COUNTY

WELL NUMBER.--263743082041201. Local Number L 2645.

LOCATION.--Lat 26°37'43", long 82°04'12", in NW1/4SW1/4 sec.24, T.44 S., R.22 E., Hydrologic Unit 03100103, across the street from the Matlacha Fire House at Matlacha Park and 0.1 mi south of Matlacha Post Office.

Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 210 ft, cased to 160 ft, open hole 160 to 210 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 5.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.70 ft above land-surface datum.

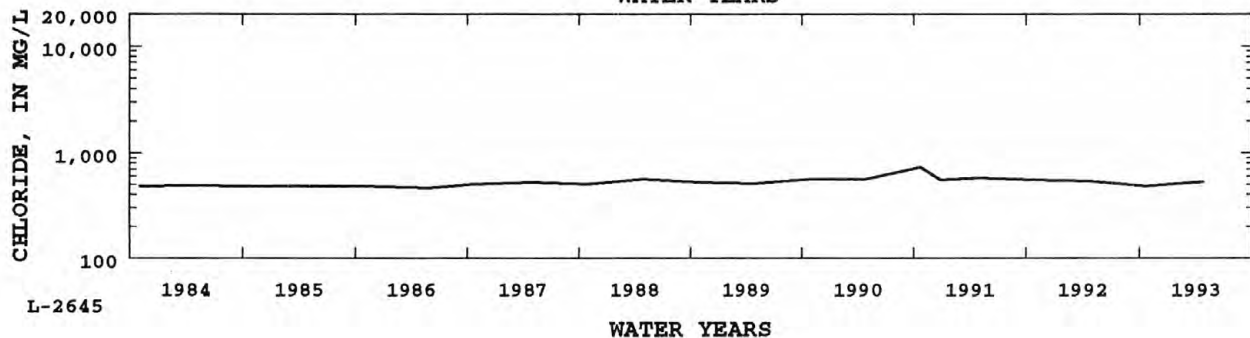
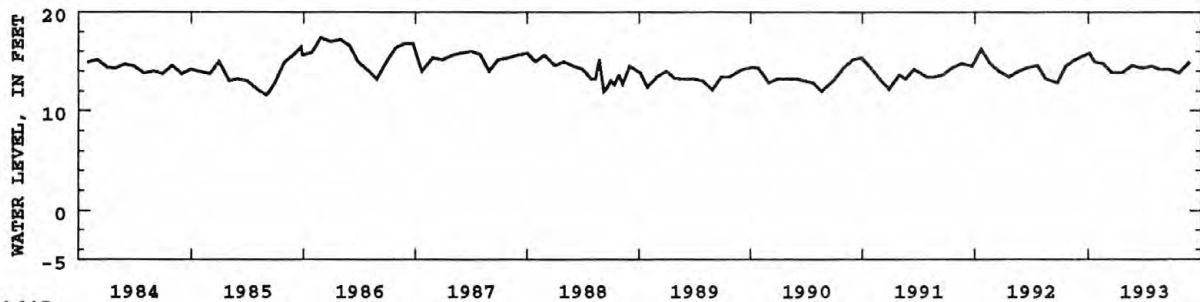
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.4 ft NGVD, Nov. 26, 1986; lowest measured, 10.7 ft NGVD, Oct. 29, 1981.

263743082041201 - L -2645

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
	AS CL)		AS CL)	(FEET)		AS CL)		AS CL)	(FEET)
OCT					APR				
05...	1405	--	--	15.80	23...	1440	2220	530	14.50
19...	1450	2210	480	15.00	MAY				
NOV					20...	0730	--	--	14.20
17...	0845	--	--	14.80	JUN				
DEC					21...	1415	--	--	14.20
15...	1200	--	--	13.90	JUL				
JAN					21...	1035	--	--	13.80
20...	1050	--	--	13.90	AUG				
FEB					23...	1330	--	--	14.90
19...	0800	--	--	14.60					
MAR									
23...	1025	--	--	14.30					



LEE COUNTY

WELL NUMBER.--263743082041202. Local Number L 3208.

LOCATION.--Lat 26°37'43", long 82°04'12", in NW1/4SW1/4 sec.24, T.44 S., R.22 E., Hydrologic Unit 03100103, across the street from the Matlacha Fire House at Matlacha Park and 0.1 mi south of the Matlacha Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft, slotted 8 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.82 ft above land-surface datum.

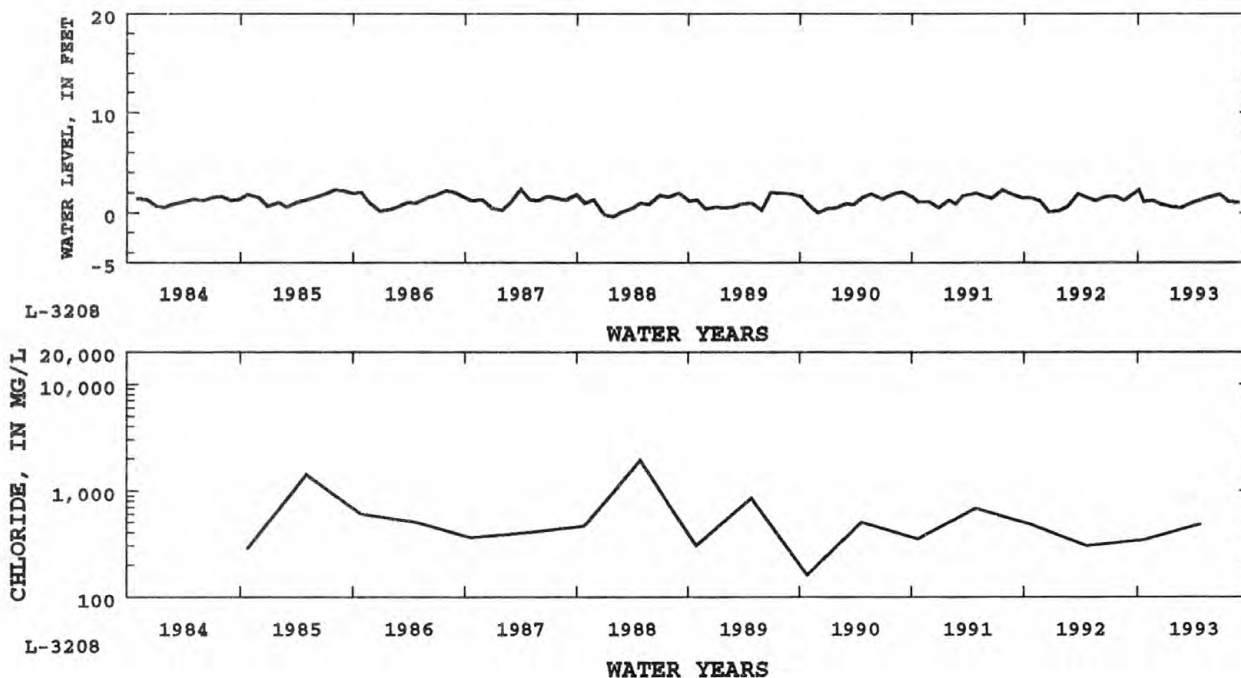
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 2.31 ft NGVD, Mar. 31, 1987; lowest measured, 0.43 ft below NGVD, Jan. 28, 1988.

263743082041202 - L -3208

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1410	--	--	2.24	23...	1450	3580	480	1.28
19...	1445	2740	340	1.08	MAY				
NOV					20...	0730	--	--	1.51
17...	0845	--	--	1.21	JUN				
DEC					21...	1110	--	--	1.79
15...	1200	--	--	0.84	JUL				
JAN					21...	1035	--	--	1.10
20...	1055	--	--	0.54	AUG				
FEB					23...	1330	--	--	1.04
19...	0800	--	--	0.48					
MAR									
23...	1030	--	--	0.97					



LEE COUNTY

WELL NUMBER.--263802081493501. Local Number L 246.

LOCATION.--Lat 26°38'02", long 81°49'35", in SE1/4NE1/4 sec.20, T.44 S., R.25 E., Hydrologic Unit 03090205, 0.5 mi south of junction of State Road 82, and Arcadia Street, and 2.9 mi southeast of Fort Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 28 ft, cased to 19 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.97 ft above land-surface datum.

REMARKS.--Determine effect of municipal pumping on ground-water levels. Well also sampled for water quality. Recorder removed June 27, 1992.

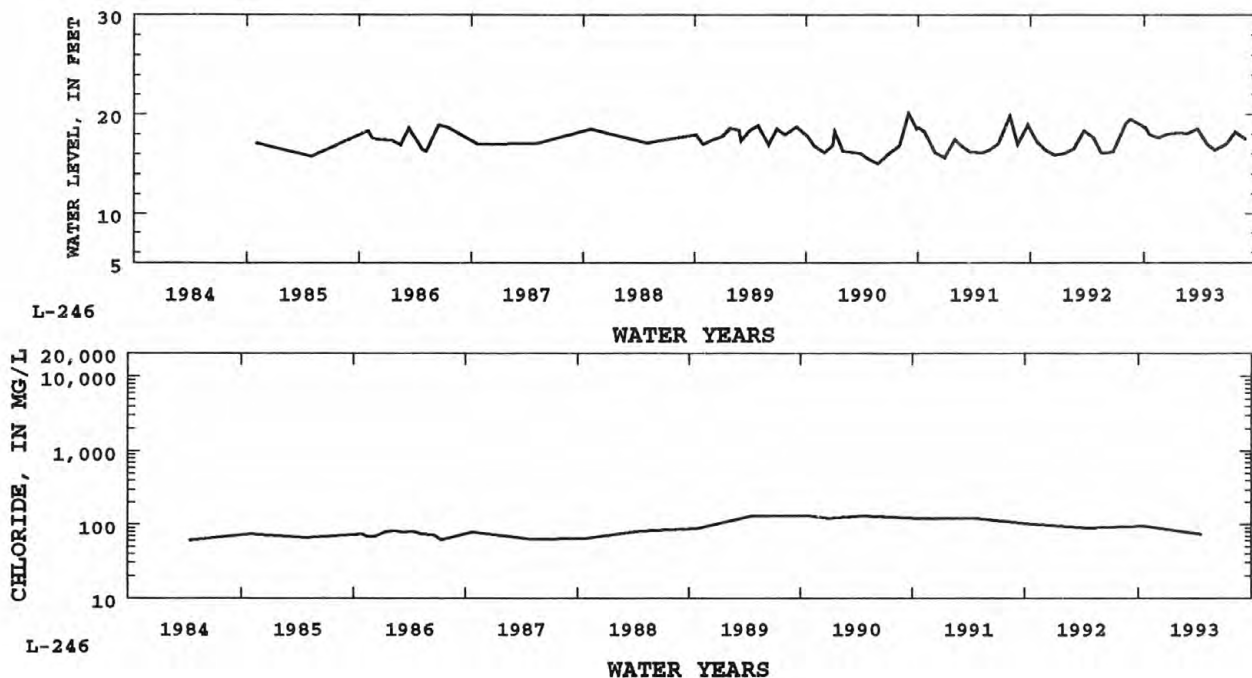
PERIOD OF RECORD.--January 1945 to June 1992 (daily), July 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.85 ft NGVD, Aug. 25, 1990; lowest, 8.90 ft NGVD, Mar. 30, 1956.

263802081493501 - L - 246

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
06...	1010	18.62	23...	1135	16.94
20...	0835	17.90	MAY		
NOV			17...	1220	16.35
17...	1510	17.62	JUN		
DEC			23...	1200	16.92
15...	0920	18.01	JUL		
JAN			23...	1530	18.20
20...	0755	18.11	AUG		
FEB			24...	1400	17.48
19...	1030	18.05			
MAR					
23...	0750	18.48			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263807081430301. Local Number L 1968.

LOCATION.--Lat 26°38'07", long 81°43'03", in SW1/4NE1/4 sec.21, T.44 S., R.26 E., Hydrologic Unit 03090205, at intersection of Benton Road and Gunnery Road, and 4.8 mi northwest of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 165 ft, cased to 70 ft, open hole 70 to 165 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 23.68 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum.

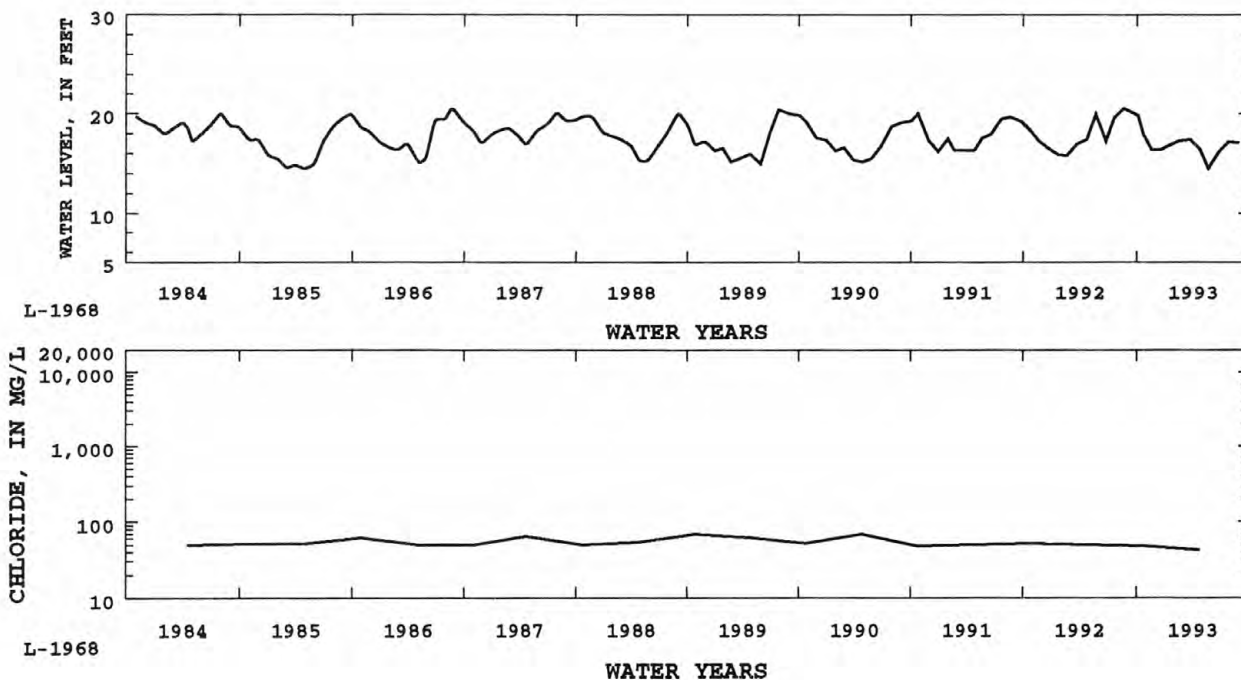
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.01 ft NGVD, Sept. 27, 1979; lowest measured, 14.45 ft NGVD, Apr. 29, 1985.

263807081430301 - L -1968

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1445	--	--	19.80	23...	1110	647	42	16.38
23...	1505	630	48	17.97	MAY				
NOV					19...	1525	--	--	14.52
17...	1340	--	--	16.41	JUN				
DEC					22...	1445	--	--	16.12
18...	1235	--	--	16.42	JUL				
JAN					23...	1440	--	--	17.19
19...	1445	--	--	16.92	AUG				
FEB					24...	1345	--	--	17.13
16...	1425	--	--	17.30					
MAR									
22...	1400	--	--	17.45					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

539

WELL NUMBER.--263813081552801. Local Number L 2640.

LOCATION.--Lat 26°38'13", long 81°55'28", in NE1/4NE1/4 sec.20, T.44 S., R.24 E., Hydrologic Unit 03090205, at intersection of Hunter Boulevard and Brickdale Avenue and 5.2 mi north of Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 180 ft, cased to 128 ft, open hole 128 to 180 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

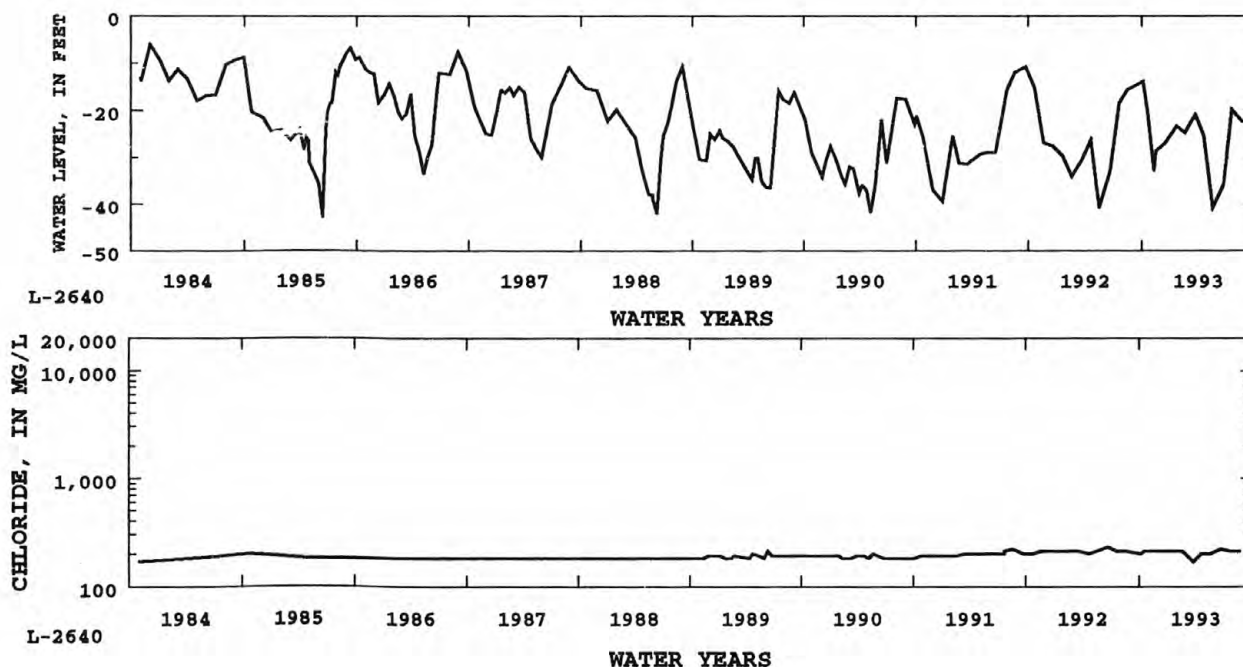
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 0.94 ft below NGVD, Sept. 5, 1978; lowest measured, 42.89 ft below NGVD, June 10, 1985.

263813081552801 - L -2640

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
05...	0830	1090	200	-13.85	23...	1005	878	170	-20.90
19...	0830	1070	210	-20.25	APR				
NOV					19...	0940	1050	200	-25.21
09...	1030	--	--	-32.83	MAY				
16...	0930	--	--	-28.65	17...	1605	1060	200	-40.70
DEC					JUN				
14...	1020	1080	210	-27.06	21...	0820	1070	220	-35.81
JAN					JUL				
21...	0740	1070	210	-23.35	19...	0810	1080	210	-19.83
FEB					AUG				
17...	1015	1080	210	-24.67	23...	0815	1060	210	-22.56



LEE COUNTY

WELL NUMBER.--263813081552802. Local Number L 3203.

LOCATION.--Lat 26°38'13", long 81°55'28", in NE1/4NE1/4 sec.20, T.44 S., R.24 E., Hydrologic Unit 03090205, in the median of Hunter Boulevard SE, 100 ft northwest of Brickdale, and 4.8 mi northeast of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft, slotted 8 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.54 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.44 ft above land-surface datum.

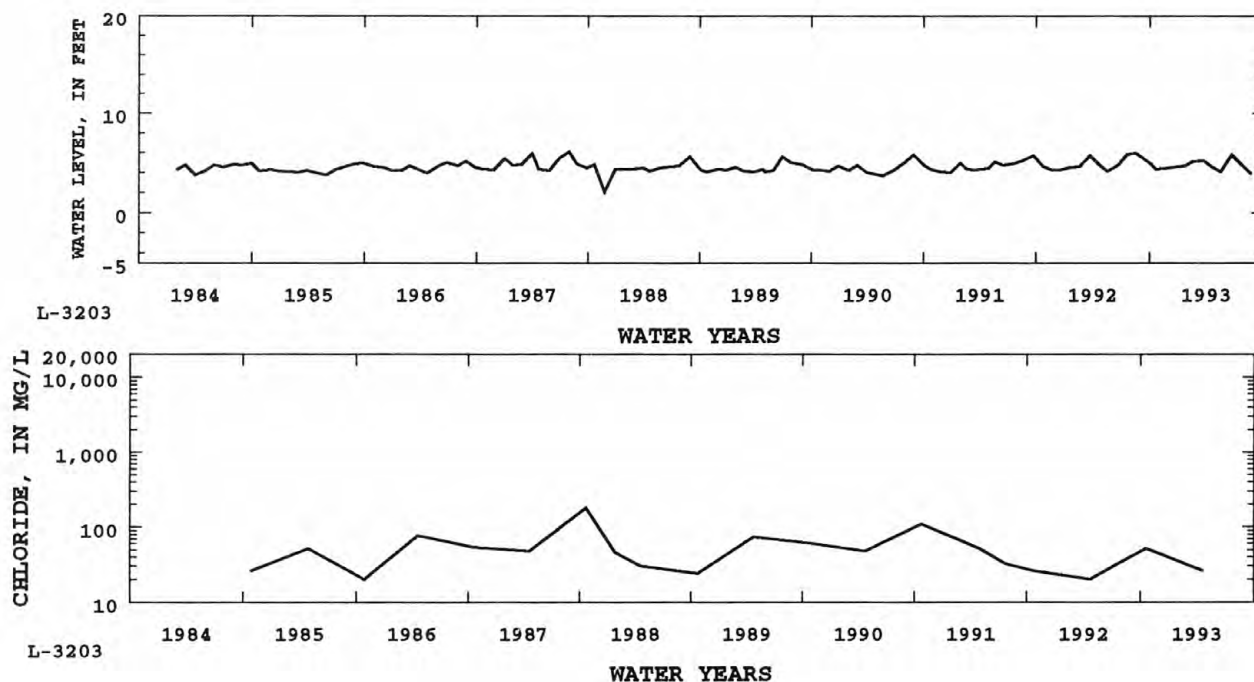
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.08 ft NGVD, Feb. 28, 1983; lowest measured, 0.45 ft NGVD, Aug. 31, 1983.

263813081552802 - L -3203

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	0830	--	--	4.84	19...	0945	622	26	4.53
19...	0825	699	52	4.35	MAY				
NOV					17...	1600	--	--	4.06
16...	0935	--	--	4.36	JUN				
DEC					21...	0815	--	--	5.74
14...	1040	--	--	4.51	JUL				
JAN					19...	0810	--	--	4.89
21...	0745	--	--	4.64	AUG				
FEB					23...	0815	--	--	3.89
17...	1015	--	--	5.10					
MAR									
23...	1005	--	--	5.14					



LEE COUNTY

WELL NUMBER.--263814082020701. Local Number L 1058.

LOCATION.--Lat 26°38'14", long 82°02'07", in SW1/4SW1/4 sec.17, T.44 S., R.23 E., Hydrologic Unit 03100103, at Pine Island Water Plant on State Road 78, 0.3 mi east of Burnstore Road, and 2.1 mi east of Matlacha Post Office. Owner: Pine Island Water Co.

AQUIFER.--Mid-Hawthorn aquifer off the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 146 ft, cased to 95 ft, open hole 95 to 146 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape.

DATUM.--Land-surface datum is 6.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of cap, 0.50 ft above land-surface datum.

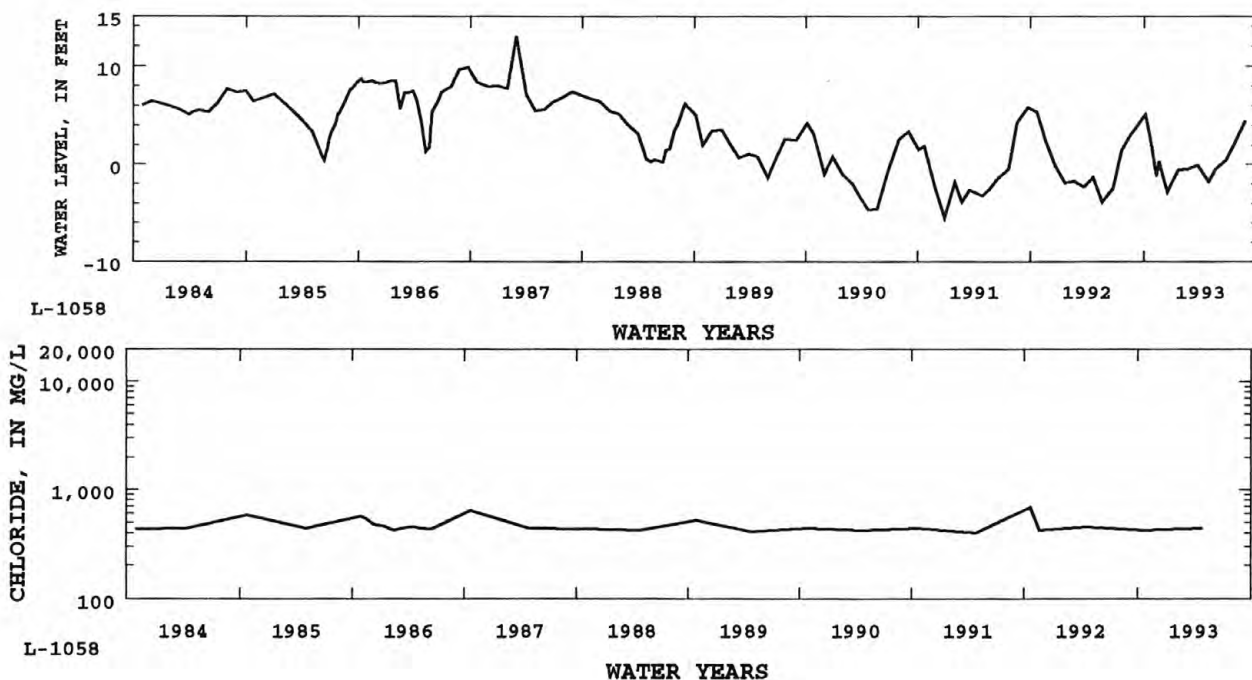
REMARKS.--Water levels affected by pumping of nearby wells. Well also sampled for water quality.

PERIOD OF RECORD.--December 1964 to current year. Records of water levels prior to October 1981 are available in files of the Geological Survey. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.3 ft NGVD, Dec. 2, 1964; lowest measured, 5.49 ft below NGVD, Dec. 27, 1990.

263814082020701 - L -1058

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					MAR				
05...	1300	--	--	5.08	23...	0930	--	--	-0.09
20...	1230	1620	420	2.91	APR				
NOV					26...	1030	1550	440	-1.80
09...	0845	--	--	-1.20	MAY				
17...	0755	--	--	0.30	17...	1415	--	--	-0.53
DEC					JUN				
15...	1215	--	--	-2.83	21...	1325	--	--	0.42
JAN					JUL				
20...	0955	--	--	-0.52	21...	1025	--	--	2.24
FEB					AUG				
18...	1430	--	--	-0.51	23...	1230	--	--	4.44



LEE COUNTY

WELL NUMBER.--263819081585801. Local Number L 2701.

LOCATION.--Lat 26°38'19", long 81°58'58", in SE1/4SW1/4 sec.14, T.44 S., R.23 E., Hydrologic Unit 03090205, in the median of Nicholas Parkway West, at the intersection of 4th Terrace, and 5.3 mi northwest of the Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 206 ft, cased to 175 ft, open hole 175 to 206 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 13.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.68 ft above land-surface datum.

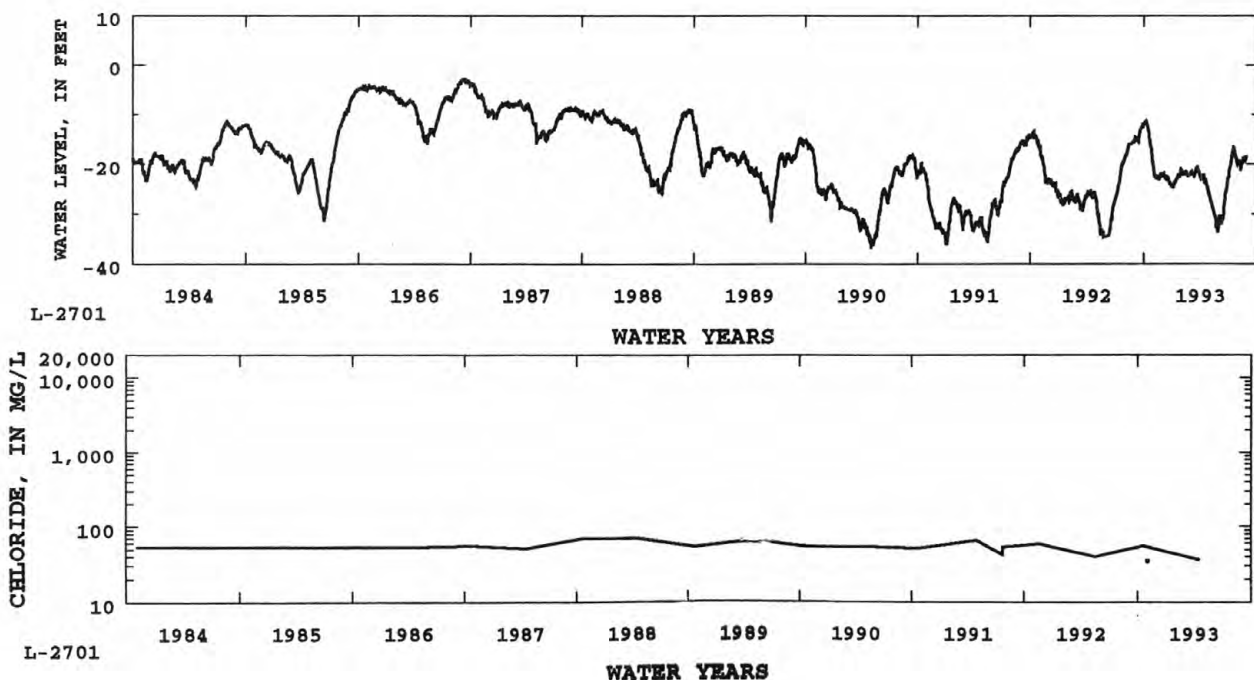
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 2.81 ft below NGVD, Sept. 11, 1986; lowest, 36.94 ft below NGVD, May 3, 1990.

STATION NUMBER 263819081585801 L -2701
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-11.68	-22.67	-22.23	-24.21	-22.30	-21.78	-22.80	---	-30.76	-21.00	-19.19	---
10	-11.57	-22.76	-22.91	-23.58	-21.88	-22.17	-22.18	---	-31.26	-18.77	-20.36	---
15	-13.13	-22.63	-22.88	-23.01	-21.59	-21.84	-23.38	---	-28.83	-17.16	-19.74	---
20	-15.30	-22.68	-23.40	-22.21	-22.01	-20.68	-23.80	-30.88	-26.22	-17.60	-18.58	---
25	-17.26	-22.14	-23.83	-22.54	-22.22	-21.36	-25.03	-32.46	-24.39	-18.78	-18.60	---
EOM	-19.78	-22.10	-24.50	-21.21	-21.72	-22.53	---	-31.31	-22.65	-19.45	---	---
MEAN	-14.34	-22.29	-23.08	-22.91	-21.93	-21.64	---	---	-28.04	-18.99	---	---
MAX	-11.41	-20.44	-21.92	-21.09	-21.43	-20.68	---	---	-22.64	-16.70	---	---
MIN	-19.78	-23.19	-24.50	-24.60	-22.50	-22.53	---	---	-32.10	-22.43	---	---



LEE COUNTY

WELL NUMBER.--263819081585802. Local Number L 3211.

LOCATION.--Lat 26°38'19", long 81°58'58", in SE1/4SW1/4 sec.14, T.44 S., R.23 E., Hydrologic Unit 03090205, in the median of Nicholas Parkway West, at the intersection of 4th Terrace, and 5.3 mi northwest of Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18.5 ft, cased to 10 ft, slotted 10 to 18.5 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.68 ft above land-surface datum.

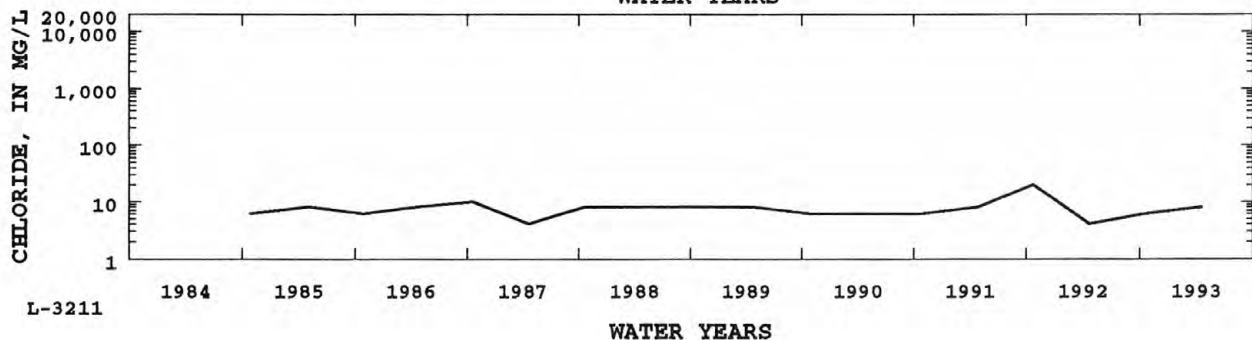
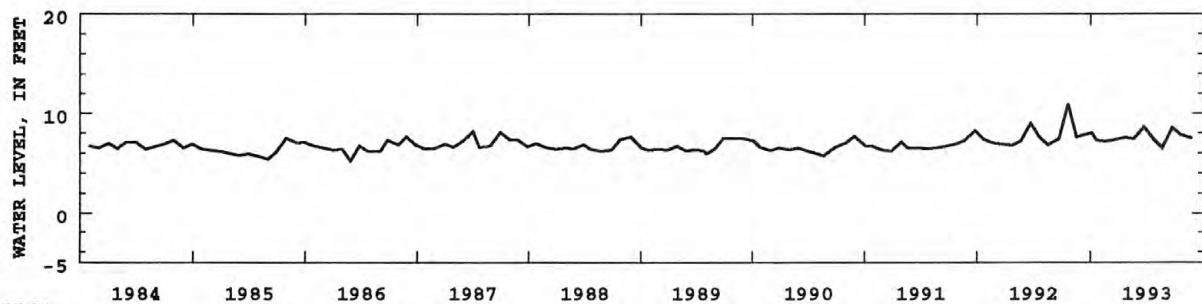
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.90 ft NGVD, July 20, 1992; lowest measured, 5.20 ft NGVD, Feb. 25, 1986.

263819081585802 - L -3211

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	1420	--	--	8.04	19...	1620	582	8.0	7.41
19...	1520	528	6.0	7.31	MAY				
NOV					20...	0800	--	--	6.51
17...	1400	--	--	7.15	JUN				
DEC					21...	1235	--	--	8.51
21...	1045	--	--	7.35	JUL				
JAN					19...	1210	--	--	7.81
21...	1250	--	--	7.53	AUG				
FEB					23...	1200	--	--	7.49
17...	1450	--	--	7.46					
MAR									
23...	1650	--	--	8.56					



LEE COUNTY

WELL NUMBER.--263834082005301. Local Number L 781.

LOCATION.--Lat 26°38'34", long 82°00'53", in NW1/4SW1/4 sec.16, T.44 S., R.23 E., Hydrologic Unit 03100103, 0.4 mi north of State Road 78, and 3.5 mi northeast of Matlacha Post Office. Owner: Pine Island Water Co.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in., depth 290 ft, cased to 82 ft, open hole 82 to 290 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.30 ft above land-surface datum.

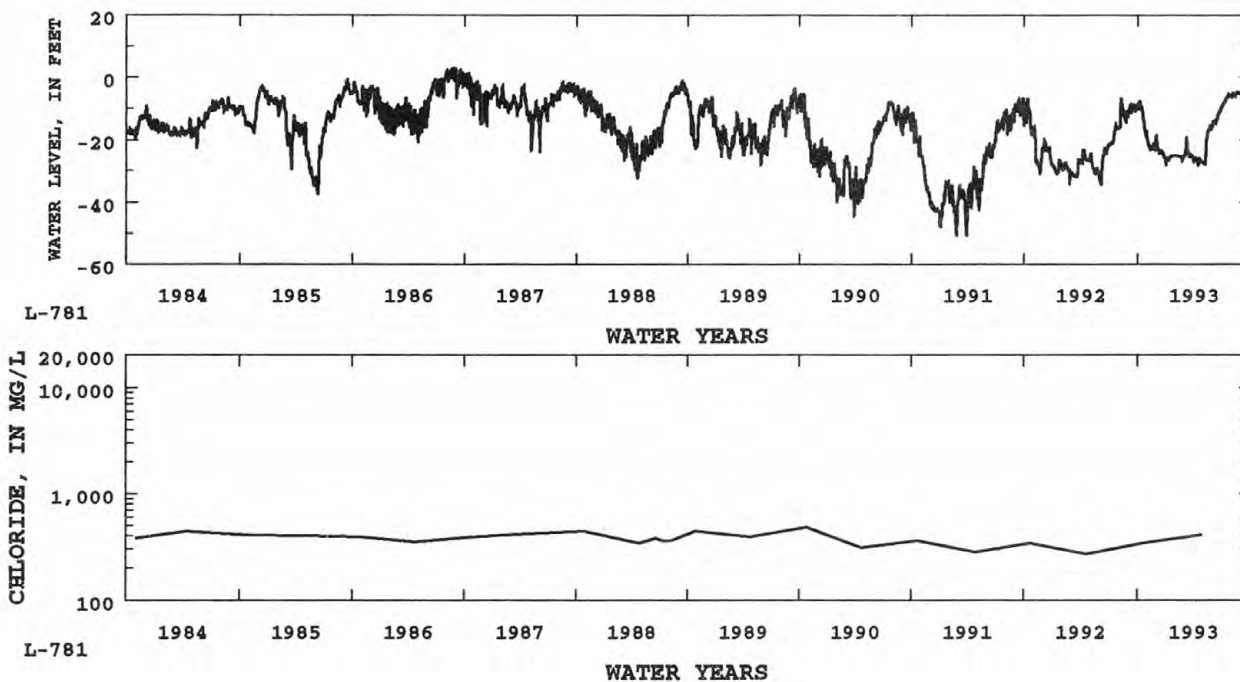
REMARKS.--Water levels affected by pumping of municipal well field. Well also sampled for water quality.

PERIOD OF RECORD.--June 1966 (monthly), October 1971 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.8 ft NGVD, June 27, 1966; lowest, 51.01 ft below NGVD, Feb. 25, 1991.

STATION NUMBER 263834082005301 L - 781
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-10.39	-21.55	-22.71	-25.82	---	-22.51	-25.95	-27.87	-14.24	-8.26	-5.44	-3.90
10	-9.98	-23.11	-24.48	-25.96	---	-23.12	-26.53	-20.73	-14.10	-7.26	-5.68	-3.58
15	-10.58	-22.89	-23.55	-25.46	---	-24.45	-28.02	-17.41	-12.71	-6.39	-5.01	-3.03
20	-13.99	-21.58	-24.27	---	-25.39	-25.06	-27.36	-16.30	-11.27	-5.96	-4.89	-2.89
25	-17.65	-23.05	-25.66	---	-25.43	-25.56	-27.05	-16.20	-10.12	-5.94	-5.37	-3.27
EOM	-18.75	-18.80	-28.38	---	-25.13	-26.89	-27.36	-14.64	-9.22	-5.98	-4.57	-2.65
MEAN	-12.49	-21.98	-24.20	---	---	-24.43	-26.77	-19.66	-12.30	-6.84	-5.22	-3.35
MAX	-7.39	-18.80	-19.61	---	---	-19.12	-25.80	-14.64	-9.22	-5.64	-4.57	-2.65
MIN	-19.05	-23.33	-28.38	---	---	-26.97	-28.02	-28.21	-14.61	-9.09	-6.03	-4.28



LEE COUNTY

WELL NUMBER.--263903081550401. Local Number L 954.

LOCATION.--Lat 26°39'03", long 81°55'04", in NE1/4NW1/4 sec.16, T.44 S., R.24 E., Hydrologic Unit 03090205, 0.1 mi south of Hancock Bridge Parkway, 0.1 mi west of Orange Grove Boulevard, and 2.5 mi southwest of North Fort Myers Post Office. Owner: Florida Cities Water Co.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in., depth 14 ft, cased to 8 ft, open hole 8 to 14 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 8.91 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 3.77 ft above land-surface datum.

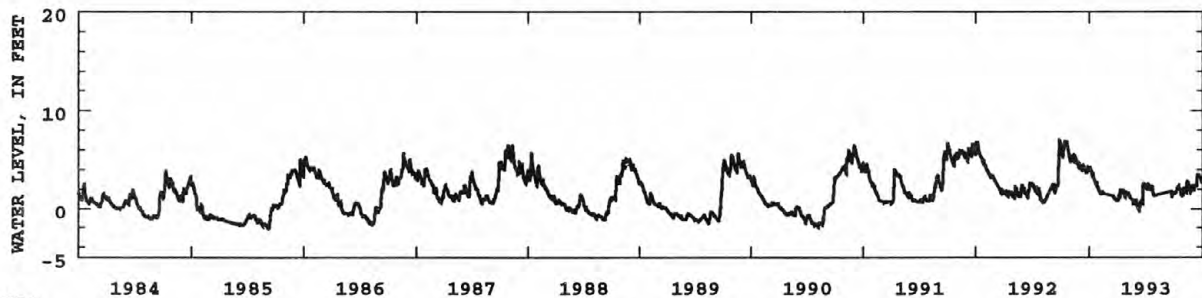
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--August 1969 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.68 ft NGVD, Sept. 8, 9, 1981; lowest, 2.18 ft below NGVD, June 9, 1985.

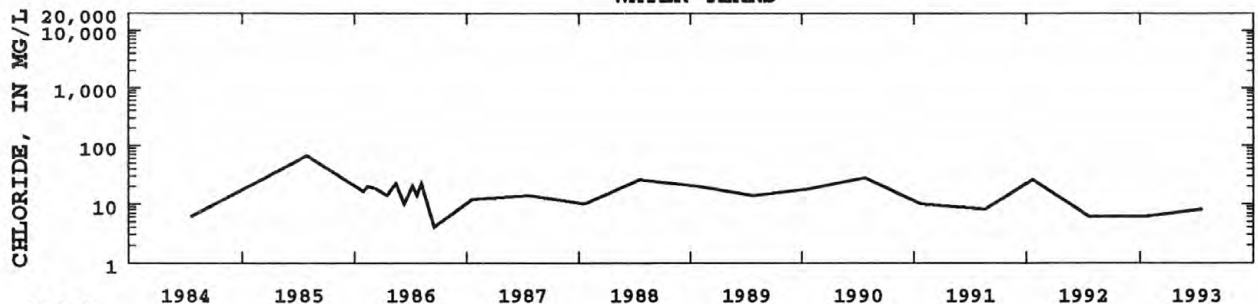
STATION NUMBER 263903081550401 L - 954
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.00	1.60	---	1.19	1.56	.27	2.44	---	---	1.56	2.09	2.20
10	3.57	1.53	---	1.72	1.13	-.18	2.35	---	---	2.12	2.40	2.48
15	3.16	1.54	1.36	1.90	---	.68	2.27	---	---	2.29	2.68	3.47
20	2.80	---	1.05	1.80	.55	.66	2.26	---	---	1.97	2.31	3.26
25	2.55	---	.91	1.35	.66	2.54	1.50	---	1.43	1.55	1.86	3.01
EOM	1.95	---	.82	1.52	.90	2.05	---	---	1.52	1.97	2.40	3.09
MEAN	3.11	---	---	1.49	---	.96	---	---	---	1.78	2.15	2.84
MAX	4.32	---	---	1.91	---	2.57	---	---	---	2.29	2.78	3.47
MIN	1.95	---	---	.81	---	-.35	---	---	---	1.28	1.70	1.82



L-954

WATER YEARS



L-954

WATER YEARS

LEE COUNTY

WELL NUMBER.--263907081592701. Local Number L 2528.

LOCATION.--Lat 26°39'07", long 81°59'27", in SW1/4SW1/4 sec.11, T.44 S., R.23 E., Hydrologic Unit 03100103, 100 ft northeast of intersection of Embers Parkway and Nelson Road NW and 6.8 mi northwest of Cape Coral Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 625 ft, cased to 420 ft, open hole 420 to 625 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 11.96 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of north side of meter box, 0.78 ft above land-surface datum.

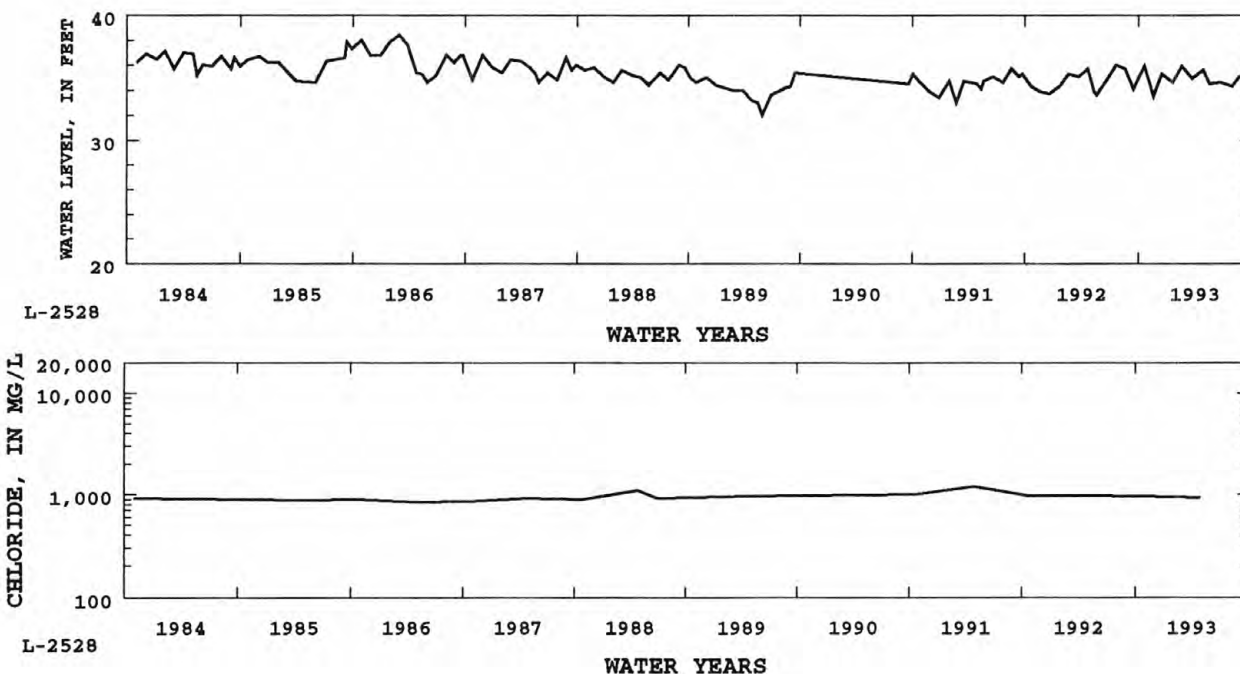
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 38.4 ft NGVD, Feb. 26, 1986; lowest measured, 31.8 ft NGVD, May 30, 1989.

263907081592701 - L -2528

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	0825	--	--	35.20	26...	1105	3670	940	35.60
20...	1145	3670	960	35.90	MAY				
NOV					17...	1455	--	--	34.50
17...	0730	--	--	33.50	JUN				
DEC					21...	1440	--	--	34.60
15...	1250	--	--	35.30	JUL				
JAN					28...	1000	--	--	34.30
20...	0900	--	--	34.60	AUG				
FEB					23...	1350	--	--	35.10
18...	1355	--	--	35.90	SEP				
MAR					13...	1140	--	--	34.90
23...	0910	--	--	34.90					



LEE COUNTY

WELL NUMBER.--263850081365401. Local Number L 727.

LOCATION.--Lat 26°39'50", long 81°35'54", in NW1/4SW1/4 sec.11, T.44 S., R.27 E., Hydrologic Unit 03090205, 3.1 mi south of intersection of State Road 80 and Joel Boulevard and 5.1 mi northeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 71 ft, cased to 67 ft, open hole 67 to 71 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 21.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.44 ft above land-surface datum.

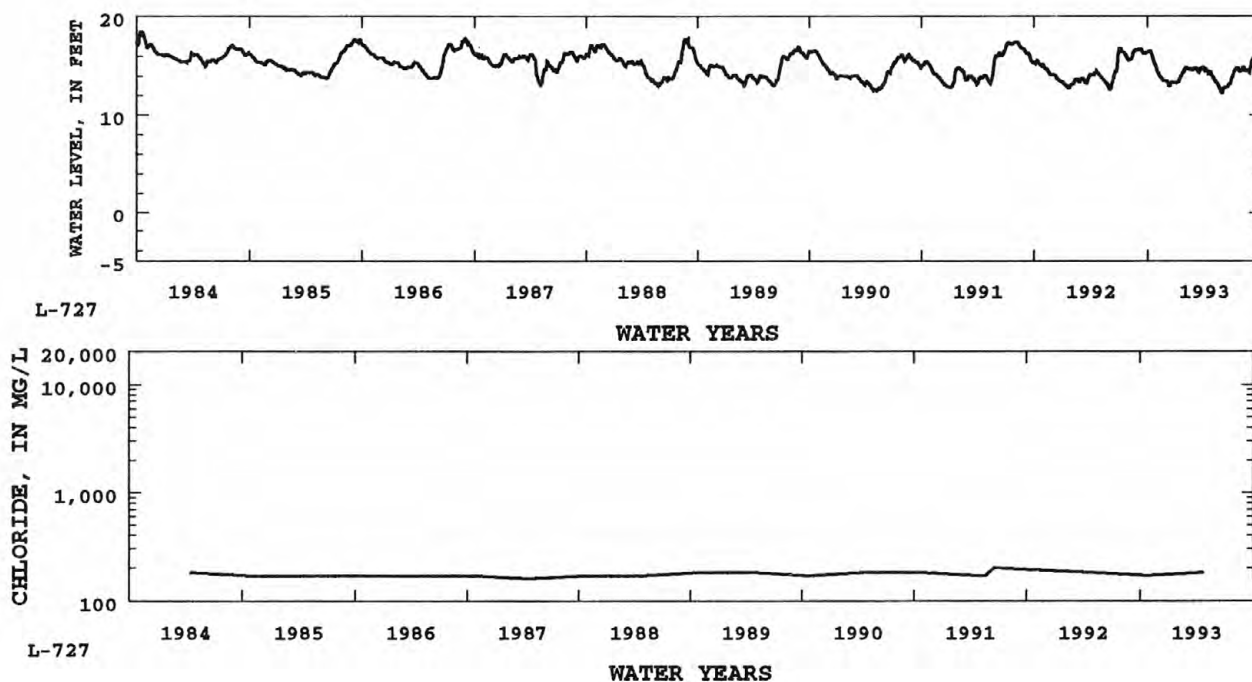
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--July 1968 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.53 ft NGVD, Mar. 30, 1970; lowest, 12.19 ft NGVD, May 28, 1993.

STATION NUMBER 263850081365401 L - 727
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.46	14.18	13.17	13.30	14.73	14.73	14.53	13.46	12.76	14.27	14.80	15.60
10	16.48	13.88	12.92	13.49	14.61	14.58	14.46	13.26	---	14.61	14.50	15.95
15	16.07	13.66	13.25	13.94	14.65	14.39	14.25	13.01	12.86	14.70	14.50	15.93
20	15.51	13.45	13.31	14.11	14.56	14.61	14.38	12.73	13.12	14.66	14.59	15.81
25	15.08	---	13.28	14.37	14.64	14.77	14.01	12.39	13.30	14.37	14.34	15.54
EOM	14.54	---	13.29	14.76	14.70	14.70	13.75	12.57	13.84	14.57	15.25	15.57
MEAN	15.79	---	13.22	13.91	14.66	14.65	14.30	12.94	---	14.47	14.62	15.71
MAX	16.50	---	13.47	14.76	14.82	14.78	14.62	13.70	---	14.73	15.25	15.98
MIN	14.54	---	12.92	13.28	14.55	14.36	13.75	12.19	---	13.92	14.28	15.36



LEE COUNTY

WELL NUMBER.--263950081355401. Local Number L 2187.

LOCATION.--Lat 26°39'50", long 81°35'54", in NW1/4SW1/4 sec.11, T.44 S., R.27 E., Hydrologic Unit 03090205, 3.1 mi south of intersection of State Road 80 and Joel Boulevard and 5.1 mi northeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 154 ft, cased to 136 ft, open hole 136 to 154 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

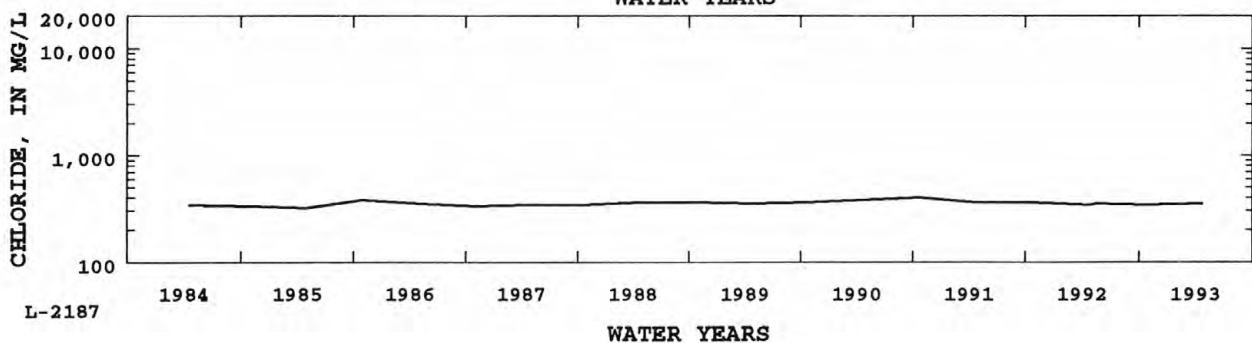
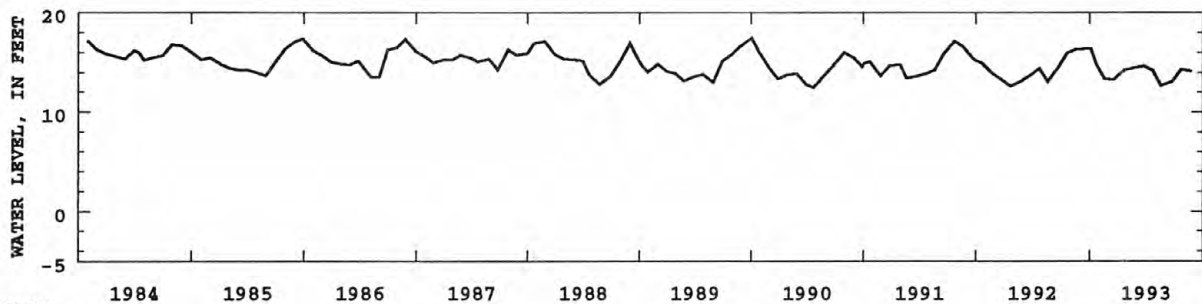
DATUM.--Land-surface datum is 21.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

PERIOD OF RECORD.--August 1975 to current year. Records of water levels prior to October 1982 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.88 ft NGVD, Sept. 27, 1979; lowest measured, 12.45 ft NGVD, Apr. 23, 1990.

263950081355401 - L -2187

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1300	--	--	16.36	22...	1330	1780	350	14.15
23...	1415	1770	340	14.84	MAY				
NOV					17...	1230	--	--	12.66
17...	1100	--	--	13.33	JUN				
DEC					23...	1035	--	--	13.08
18...	1305	--	--	13.26	JUL				
JAN					22...	1130	--	--	14.27
21...	1105	--	--	14.21	AUG				
FEB					24...	1225	--	--	14.09
18...	0920	--	--	14.45					
MAR									



LEE COUNTY

WELL NUMBER.--263950081355402. Local Number L 1137.

LOCATION.--Lat 26°39'50", long 81°35'54", in NW1/4SW1/4 sec.11, T.44 S., R.27 E., Hydrologic Unit 03090205, 3.1 mi south of intersection of State Road 80 and Joel Boulevard and 5.1 mi northeast of Lehigh Acres Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20 ft, cased to 15 ft, slotted 15 to 20 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 21.72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 2.42 ft above land-surface datum.

REMARKS.--Well also sampled for water quality.

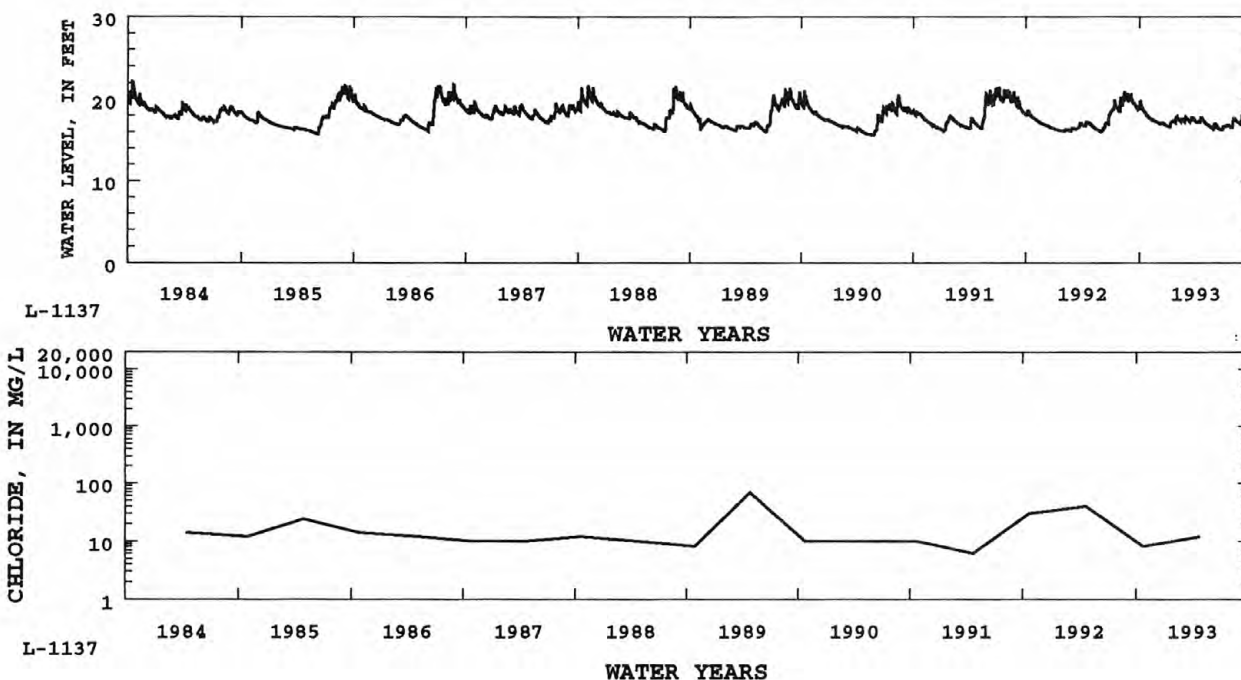
PERIOD OF RECORD.--June 1970 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 22.03 ft NGVD, Oct. 15, 1983; lowest, 15.59 ft NGVD, May 23, 1990.

STATION NUMBER 263950081355402 L -1137
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.74	17.64	17.02	16.64	17.50	17.54	17.31	16.94	16.87	16.61	17.51	18.07
10	18.93	17.57	17.09	17.18	17.28	17.31	17.28	16.87	16.58	16.84	17.19	18.40
15	18.55	17.41	17.15	17.22	17.60	17.42	17.07	16.72	16.35	16.83	17.18	18.07
20	18.31	17.33	16.92	17.37	17.35	17.80	17.70	16.57	16.29	16.63	17.03	17.83
25	17.99	17.25	16.83	17.20	17.67	17.58	17.37	16.39	16.20	16.55	17.34	17.61
EOM	17.79	17.16	16.72	17.78	17.75	17.25	17.09	17.04	16.71	17.69	18.28	17.92
MEAN	18.56	17.43	16.97	17.20	17.51	17.51	17.36	16.72	16.53	16.78	17.40	18.04
MAX	19.85	17.72	17.20	17.84	17.75	17.80	17.79	17.07	17.05	17.69	18.28	18.54
MIN	17.79	17.16	16.72	16.62	17.25	17.24	17.07	16.28	16.20	16.52	16.92	17.55

WTR YR 1993 MEAN 17.33 MAX 19.85 MIN 16.20



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263955082083101. Local Number L 2527.

LOCATION.--Lat 26°39'55", long 82°08'31", in SE1/4SE1/4 sec.6, T.44 S., R.22 E., Hydrologic Unit 03100103, at intersection of Flamingo Drive and State Road 767 and 3.0 mi southeast of Bokeelia Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 605 ft, cased to 360 ft, open hole 360 to 605 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 7.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 3.14 ft above land-surface datum.

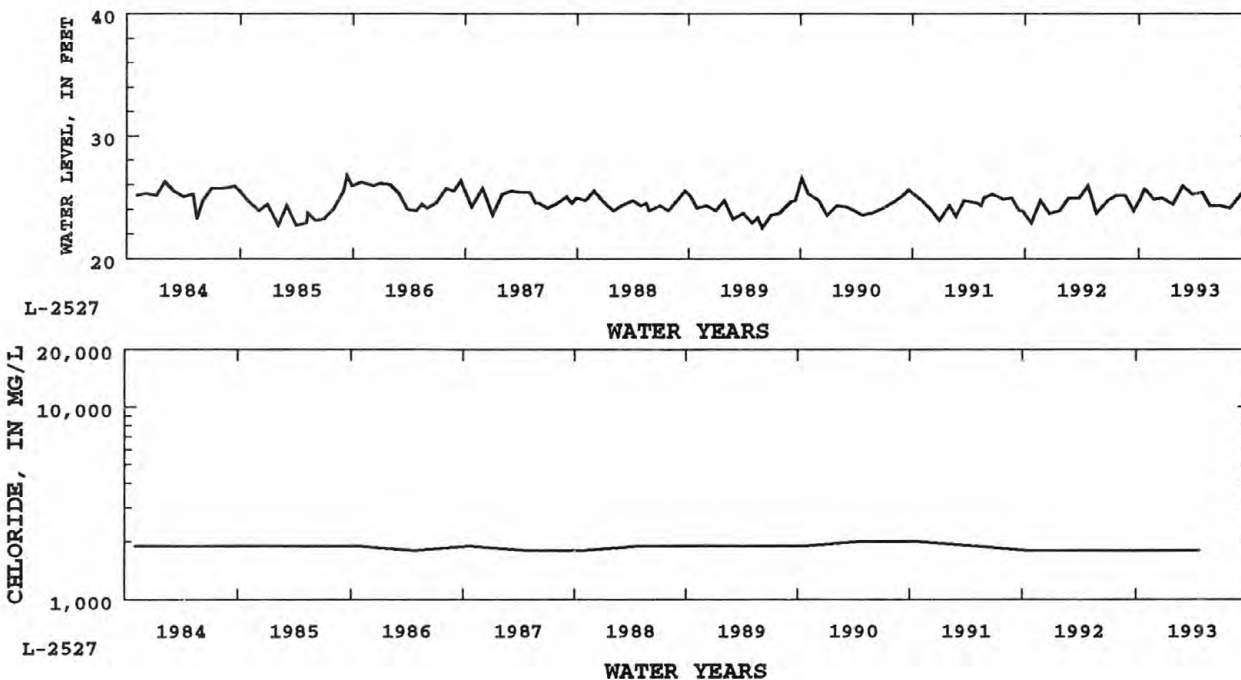
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1978 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.2 ft NGVD, Sept. 30, 1981; lowest measured, 22.70 ft NGVD, Mar. 30, 1985.

263955082083101 - L -2527

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS CL)	(FEET)				AS CL)	(FEET)			
OCT					APR				
05...	1350	--	--	24.80	23...	1355	6260	1800	25.40
19...	1355	6280	1800	25.70	MAY				
NOV					17...	0710	--	--	24.30
17...	0905	--	--	24.80	JUN				
DEC					21...	1345	--	--	24.30
15...	1140	--	--	24.90	JUL				
JAN					21...	1120	--	--	24.10
20...	1015	--	--	24.40	AUG				
FEB					23...	1250	--	--	25.10
19...	0825	--	--	25.90	SEP				
MAR					13...	1220	--	--	25.70
23...	1010	--	--	25.20					



LEE COUNTY

WELL NUMBER.--263955082083102. Local Number L 2820.

LOCATION.--Lat 26°39'55", long 82°08'31", in SE1/4SE1/4 sec.6, T.44 S., R.22 E., Hydrologic Unit 03100103, at intersection of Flamingo Drive and State Road 767, and 3.0 mi southwest of Bokeelia Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 241 ft, cased to 192 ft, open hole 192 to 241 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 7.56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in casing, 3.00 ft above land-surface datum.

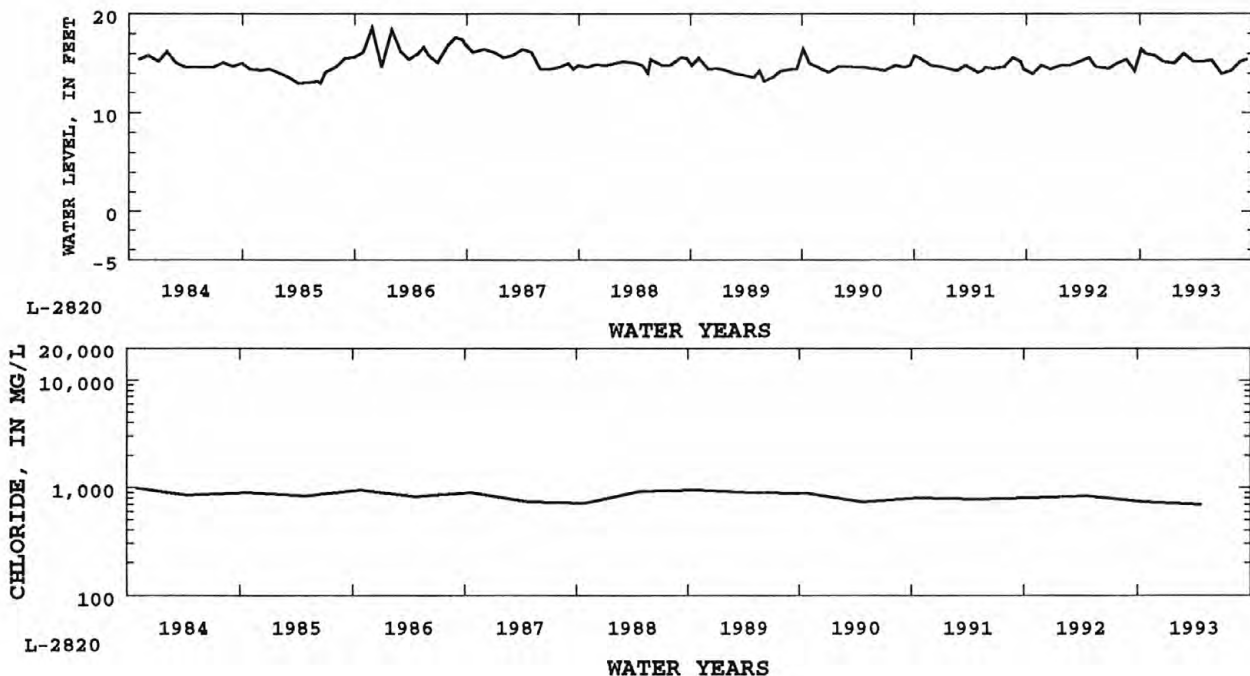
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.6 ft NGVD, Nov. 26, 1985; lowest measured, 13.0 ft NGVD, Mar. 30, June 10, 1985.

263955082083102 - L -2820

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					APR				
05...	1350	--	--	16.40	23...	1350	2500	700	15.20
19...	1400	2780	740	16.00	MAY				
NOV					20...	0710	--	--	15.30
17...	0900	--	--	15.80	JUN				
DEC					21...	1345	--	--	14.00
15...	1145	--	--	15.20	JUL				
JAN					21...	1120	--	--	14.20
20...	1015	--	--	15.00	AUG				
FEB					23...	1245	--	--	15.20
19...	0825	--	--	16.00	SEP				
MAR					13...	1225	--	--	15.40
23...	1010	--	--	15.20					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263955082083103. Local Number L 2549.

LOCATION.--Lat 26°39'55", long 82°08'31", in SE1/4SE1/4 sec.6, T.44 S., R.22 E., Hydrologic Unit 03100103, at intersection of Flamingo Drive and State Road 767 and 3.0 mi southeast of Bokeelia Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 80 ft, cased to 58 ft, open hole 58 to 80 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.70 ft above land-surface datum.

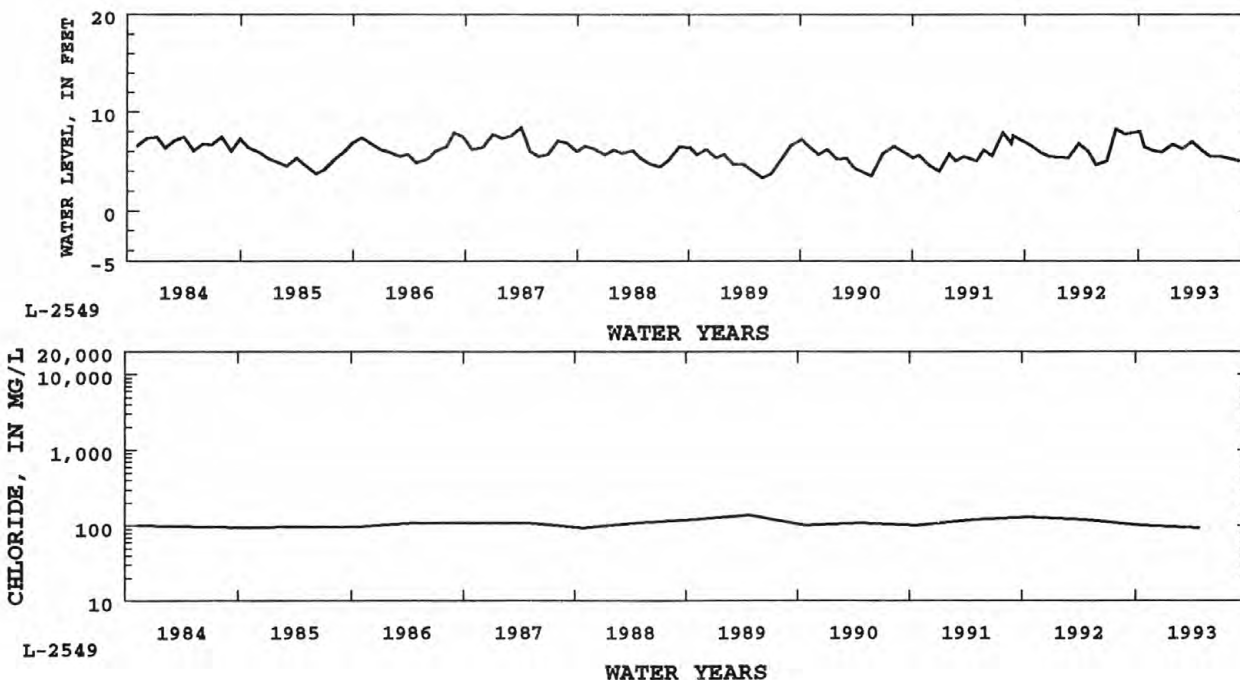
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1978 to current year. Record of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.38 ft NGVD, Mar. 31, 1987; lowest measured, 3.33 ft NGVD, Mar. 26, 1990.

263955082083103 - L -2549

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1350	--	--	8.04	23...	1405	880	94	6.11
19...	1405	864	100	6.46	MAY				
NOV					20...	0705	--	--	5.51
17...	0855	--	--	6.10	JUN				
DEC					21...	1340	--	--	5.50
15...	1145	--	--	5.93	JUL				
JAN					21...	1115	--	--	5.29
20...	1020	--	--	6.69	AUG				
FEB					23...	1245	--	--	5.00
19...	0820	--	--	6.29					
MAR									
23...	1015	--	--	7.00					



LEE COUNTY

WELL NUMBER.--263955082083104. Local Number L 3214.

LOCATION.--Lat 26°39'55", long 82°08'31", in SE1/4SE1/4 sec.6, T.44 S., R.22 E., Hydrologic Unit 03100103, at intersection of Flamingo Drive and State Road 767 and 3.0 mi southeast of Bokeelia Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft, slotted 8 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.22 ft above land-surface datum.

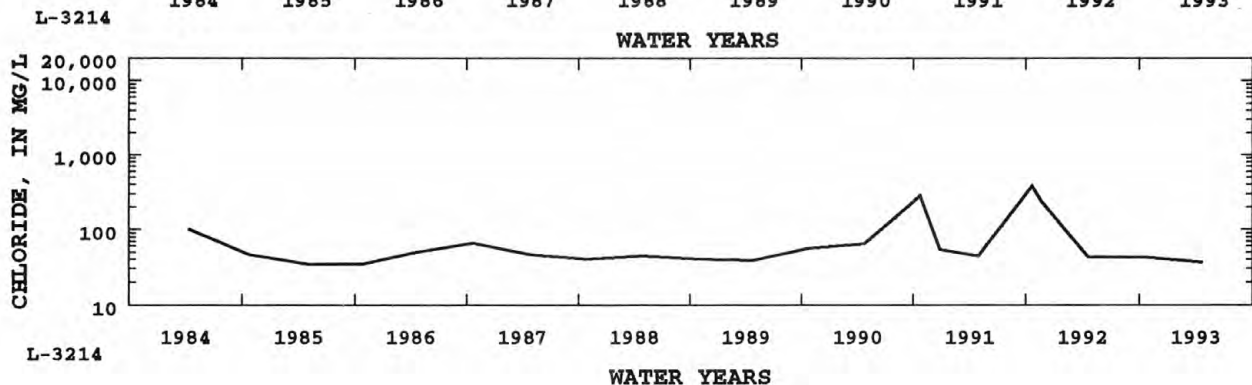
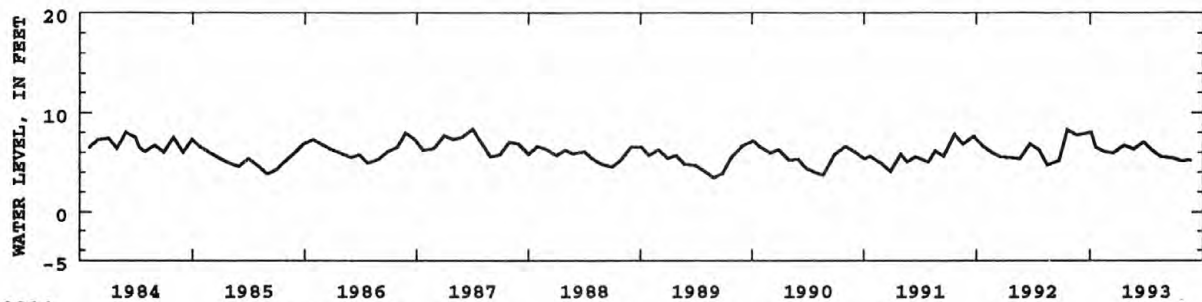
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.33 ft NGVD, Mar. 31, 1987; lowest measured, 3.39 ft NGVD, May 30, 1989.

263955082083104 - L -3214

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	1355	--	--	8.00	22...	1400	583	36	6.14
19...	1400	584	42	6.52	MAY				
NOV					20...	0605	--	--	5.52
17...	0900	--	--	6.09	JUN				
DEC					21...	1340	--	--	5.51
15...	1145	--	--	5.95	JUL				
JAN					21...	1115	--	--	5.19
20...	1015	--	--	6.72	AUG				
FEB					23...	1245	--	--	5.22
19...	0820	--	--	6.31					
MAR									
23...	1010	--	--	7.01					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264002082012801. Local Number L 2700.

LOCATION.--Lat 26°40'02", long 82°01'28", in SE1/4SE1/4 sec.5, T.44 S., R.23 E., Hydrologic Unit 03100103, at intersection of Tropicana Parkway and NW 24th Place and 3.8 mi northeast of Matlacha Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 205 ft, cased to 165 ft, open hole 165 to 205 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 6.46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.08 ft above land-surface datum.

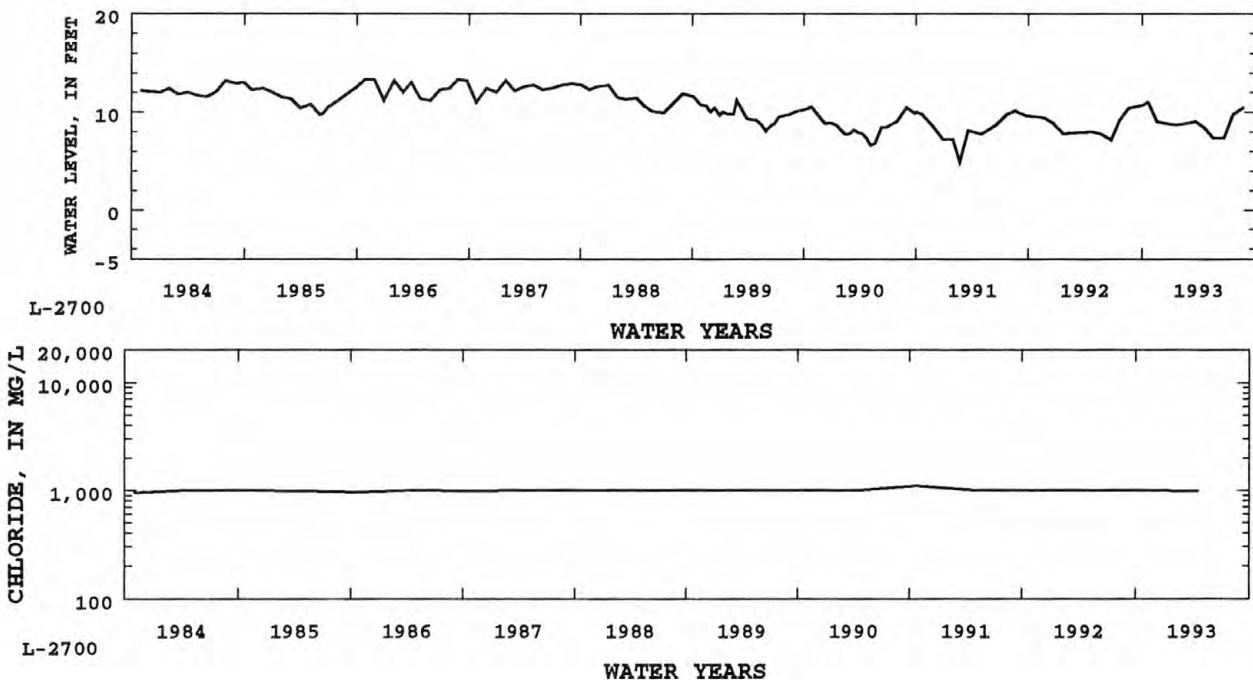
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.0 ft NGVD, Sept. 27, 1979; lowest measured, 4.88 ft NGVD, Feb. 20, 1991.

264002082012801 - L -2700

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	CON-	DUCT-	DIS-	SOLVED	ANCE	CON-	DUCT-	DIS-	SOLVED
(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(FEET)	(US/CM)
AS CL)	AS CL)	AS CL)	AS CL)	AS CL)	AS CL)	AS CL)	AS CL)	AS CL)	AS CL)
OCT					APR				
06...	0835	--	--	10.74	20...	1015	3810	980	8.38
20...	1250	3800	1000	11.06	MAY				
NOV					17...	1405	--	--	7.34
17...	1035	--	--	9.08	JUN				
DEC					21...	1425	--	--	7.37
15...	1055	--	--	8.84	JUL				
JAN					21...	1150	--	--	9.74
20...	1110	--	--	8.74	AUG				
FEB					23...	1345	--	--	10.50
19...	0905	--	--	8.85					
MAR									
23...	1040	--	--	9.07					



LEE COUNTY

WELL NUMBER.--264002082012802. Local Number L 3210.

LOCATION.--Lat 26°40'02", long 82°01'28", in SE1/4SE1/4 sec.5, T.44 S., R.23 E., Hydrologic Unit 03100103, at intersection of Tropicana Parkway and NW 24th Place and 3.8 mi northeast of Matlacha Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 0.75 in., depth 18.5 ft, cased to 10 ft, slotted 10 to 18.5 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.84 ft above land-surface datum.

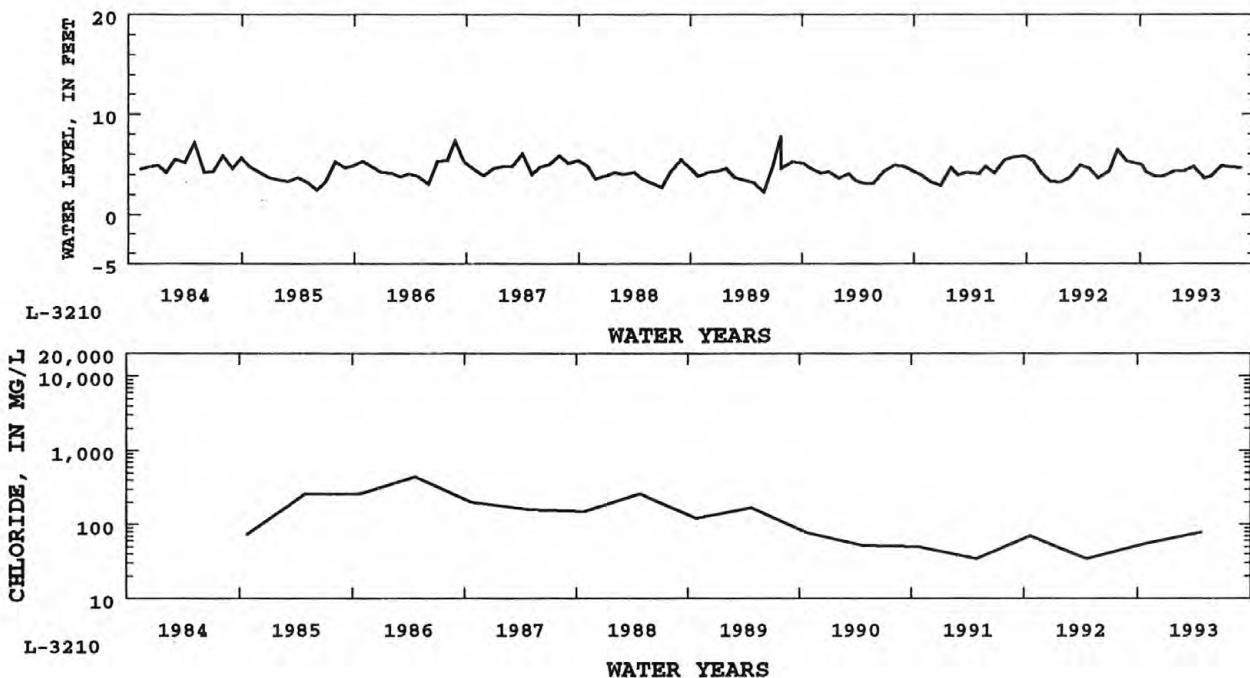
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.80 ft NGVD, July 24, 1989; lowest measured, 0.65 ft NGVD, Apr. 30, 1980.

264002082012802 - L -3210

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	ABOVE			ANCE	(MG/L	ABOVE
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
06...	0835	--	--	4.95	26...	1010	947	78	3.61
20...	1250	860	54	4.28	MAY				
NOV					17...	1400	--	--	3.79
17...	1025	--	--	3.78	JUN				
DEC					21...	1430	--	--	4.86
15...	1100	--	--	3.79	JUL				
JAN					21...	1155	--	--	4.73
20...	1105	--	--	4.32	AUG				
FEB					23...	1340	--	--	4.61
19...	0905	--	--	4.31					
MAR									
23...	1040	--	--	4.78					



LEE COUNTY

WELL NUMBER.--264053081572501. Local Number L 4820.

LOCATION.--Lat 26°40'53", long 81°57'25", in NW1/4NW1/4 sec.6, T.44 S., R.24 E., Hydrologic Unit 03090205, at the corner of Andalusia Boulevard and East Diplomat Parkway, and 4.5 mi northwest of North Ft. Myers Post Office. Owner: Florida City Water Co.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 190 ft, cased to 128 ft, open hole 128 to 190 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 14.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of recorder shelf, 2.50 ft above land-surface datum.

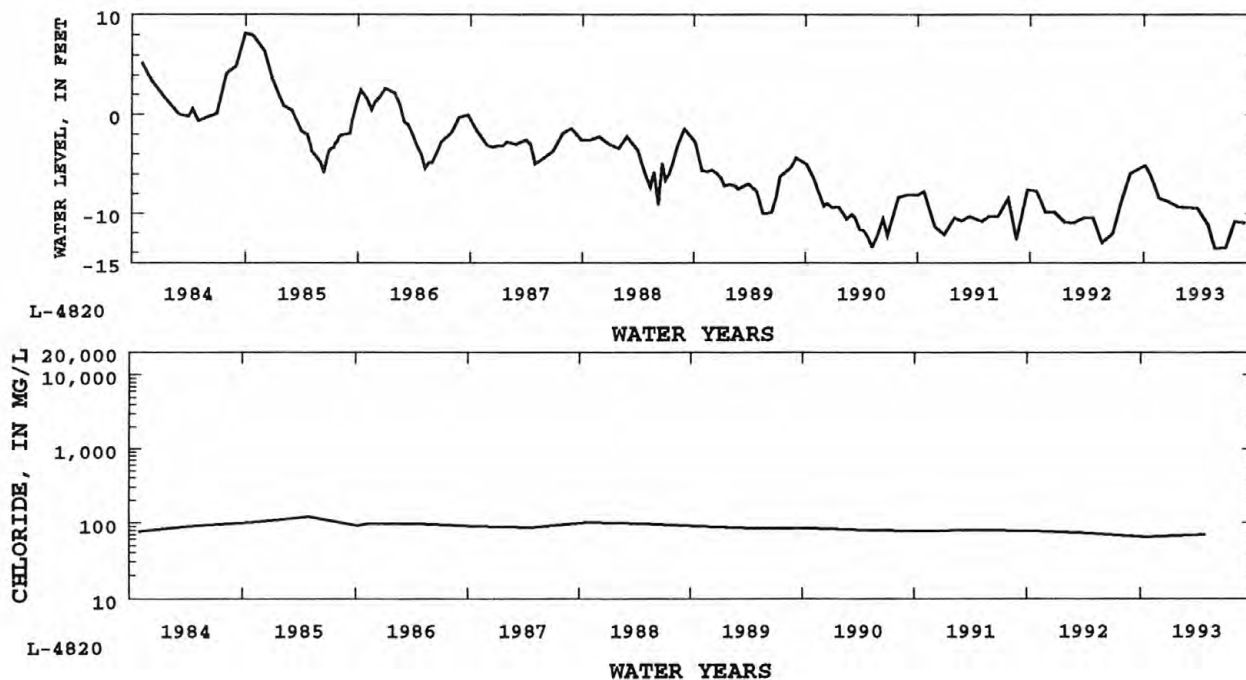
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--March 1981 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.15 ft NGVD, Sept. 28, 1984; lowest measured, 13.61 ft below NGVD, May 17, 1993.

264053081572501 - L -4820

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAR				
06...	0810	--	--	-5.15	23...	0900	--	--	-9.49
20...	1005	719	64	-5.92	APR				
NOV					26...	0830	793	70	-11.23
11...	0815	--	--	-7.83	MAY				
17...	0720	--	--	-8.49	17...	1530	--	--	-13.61
DEC					JUN				
15...	1300	--	--	-8.76	21...	1445	--	--	-13.55
JAN					JUL				
20...	0850	--	--	-9.40	21...	0935	--	--	-10.83
FEB					AUG				
18...	1345	--	--	-9.47	23...	1400	--	--	-11.00



LEE COUNTY

WELL NUMBER.--264101081443001. Local Number L 652.

LOCATION.--Lat 26°41'01", long 81°44'30", in NW1/4NW1/4 sec.5, T.44 S., R.26 E., Hydrologic Unit 03090205, at J. Hudson House, on Orange River Loop Road, and 8.5 mi northeast of Fort Myers Post Office. Owner: J.L. Hudson.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 7 in., depth 598 ft, cased to 188 ft, open hole 188 to 598 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 6.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 2 in. plug, 2.01 ft above land-surface datum.

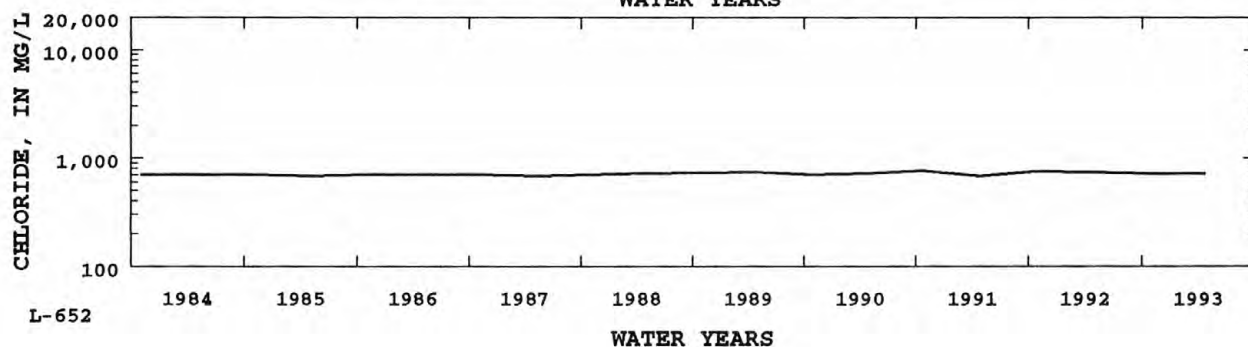
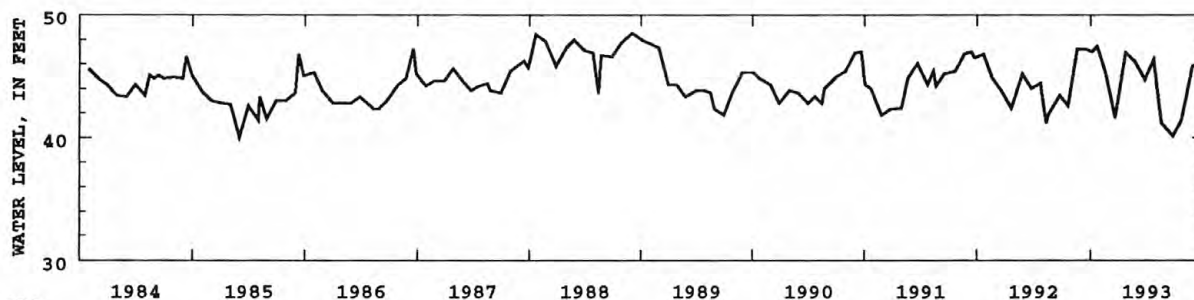
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1967 to October 1969 (semiannual); February 1970 to August 1971 (quarterly), October 1971 to December 1974 (bimonthly), January 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 48.5 ft NGVD, Sept. 1, 1988; lowest measured, 40.10 ft NGVD, June 23, 1993.

264101081443001 - L - 652

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0800	--	--	47.00	22...	0800	3050	720	46.30
22...	0830	3020	720	47.40	MAY				
NOV					17...	0820	--	--	41.20
17...	0800	--	--	45.30	JUN				
DEC					23...	0900	--	--	40.10
18...	0900	--	--	41.60	JUL				
JAN					21...	0820	--	--	41.40
21...	0810	--	--	46.90	AUG				
FEB					24...	1030	--	--	45.80
18...	0800	--	--	46.20	SEP				
MAR					13...	0830	--	--	46.00
24...	0745	--	--	44.70					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264147081562701. Local Number L 1111.

LOCATION.--Lat 26°41'47", long 81°56'27", in SW1/4SW1/4 sec.29, T.43 S., R.24 E., Hydrologic Unit 03100103, 1,000 ft northeast of intersection of Del Prado and Kismet Parkway. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 165 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.76 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.83 ft above land-surface datum.

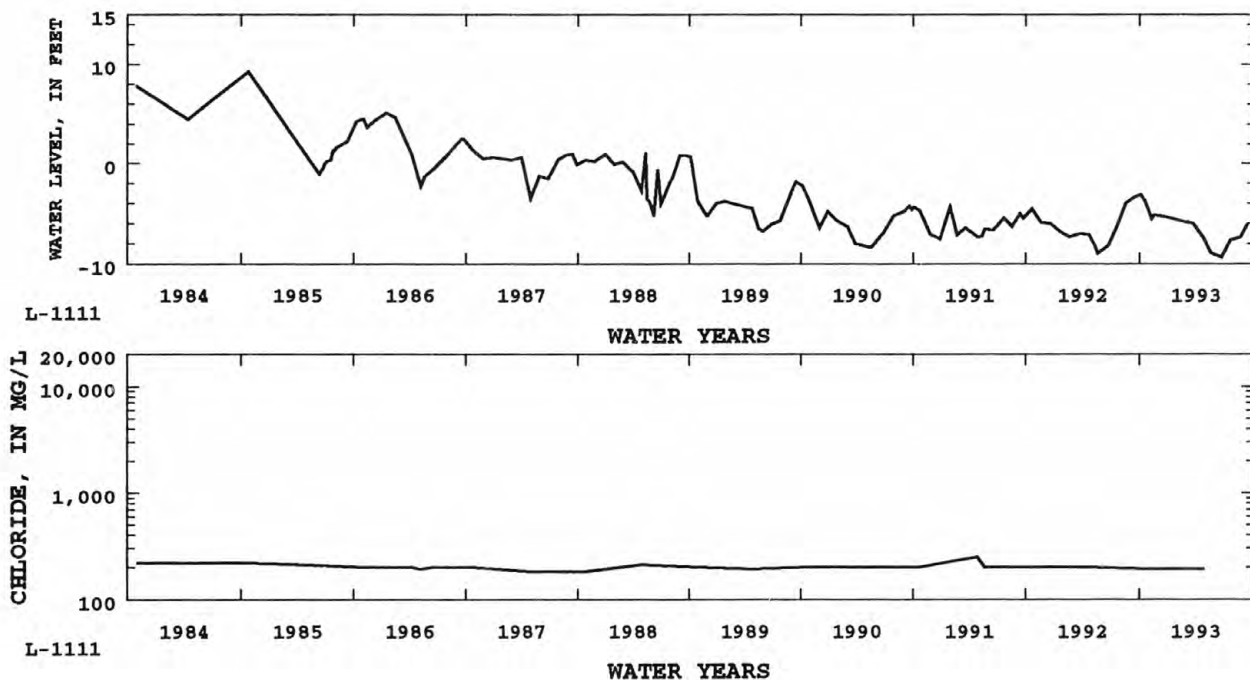
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1970 to July 1985 (intermittent), August 1985 to current year. Records of water levels prior to February 1976 are available in the files of the Geological Survey. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.26 ft NGVD, May 15, 1980; lowest, 9.38 ft below NGVD, June 21, 1993.

264147081562701 - L -1111

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
06...	0800	--	--	-3.16	26...	0820	761	190	-7.59
20...	0945	777	190	-3.83	MAY				
NOV					17...	1540	--	--	-8.90
09...	0810	--	--	-5.54	JUN				
17...	0715	--	--	-5.15	21...	1555	--	--	-9.38
DEC					JUL				
15...	1305	--	--	-5.25	21...	0930	--	--	-7.71
JAN					AUG				
20...	0840	--	--	-5.54	23...	1405	--	--	-7.36
FEB					SEP				
18...	1330	--	--	-5.79	13...	1120	--	--	-6.13
MAR									
23...	0850	--	--	-6.01					



LEE COUNTY

WELL NUMBER.--264153082022301. Local Number L 721.

LOCATION.--Lat 26°41'53", long 82°02'23", in SW1/4SW1/4 sec.30, T.43 S., R.23 E., Hydrologic Unit 03100103, on west side of State Road 765, 4.2 mi north of Pine Island Road and 5.1 mi northeast of Matlacha Post Office.
Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 18 ft, cased to 9 ft, slotted 9 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

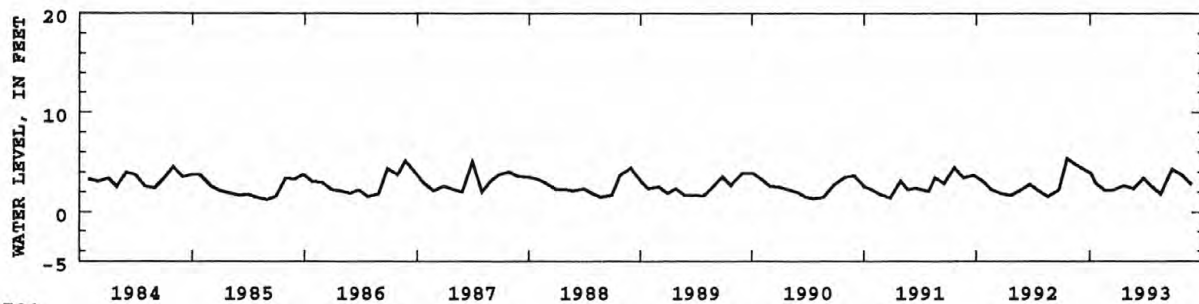
DATUM.--Land-surface datum is 6.23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.62 ft above land-surface datum. (Corrected).

PERIOD OF RECORD.--July 1968 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

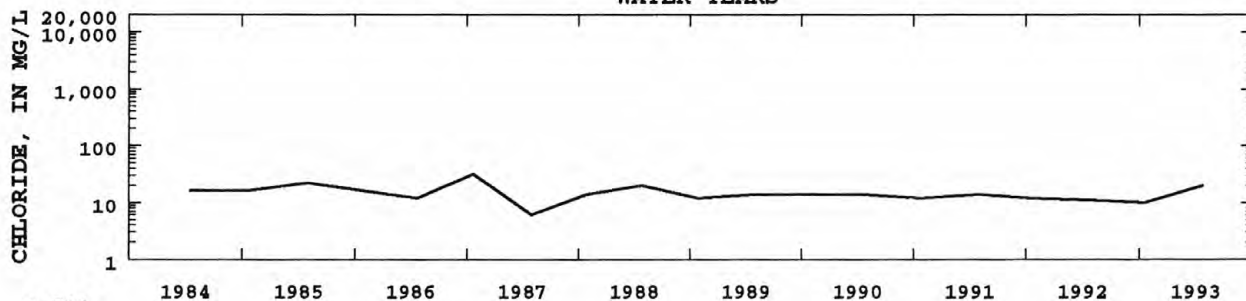
EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.58 ft NGVD, Aug. 29, 1977; lowest measured, 0.48 ft NGVD, Apr. 30, 1981.

264153082022301 - L - 721

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	0845	--	--	3.84	23...	1330	454	20	2.46
20...	1315	428	10	2.87	MAY				
NOV					17...	0820	--	--	1.80
17...	1040	--	--	2.16	JUN				
DEC					23...	0755	--	--	4.28
15...	1045	--	--	2.16	JUL				
JAN					21...	1200	--	--	3.82
20...	1115	--	--	2.62	AUG				
FEB					24...	0930	--	--	2.76
19...	0915	--	--	2.33					
MAR									
23...	1050	--	--	3.33					



L-721



L-721

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264308081405402. Local Number L 2530.

LOCATION.--Lat 26°43'08", long 81°40'54", in NE1/4SE1/4 sec.23, T.43 S., R.26 E., Hydrologic Unit 03090205, at Lee County Water Plant, 250 ft southeast of water plant intake, and 4.3 mi west of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 614 ft, cased to 475 ft, open hole 475 to 614 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 7.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.70 ft above land-surface datum.

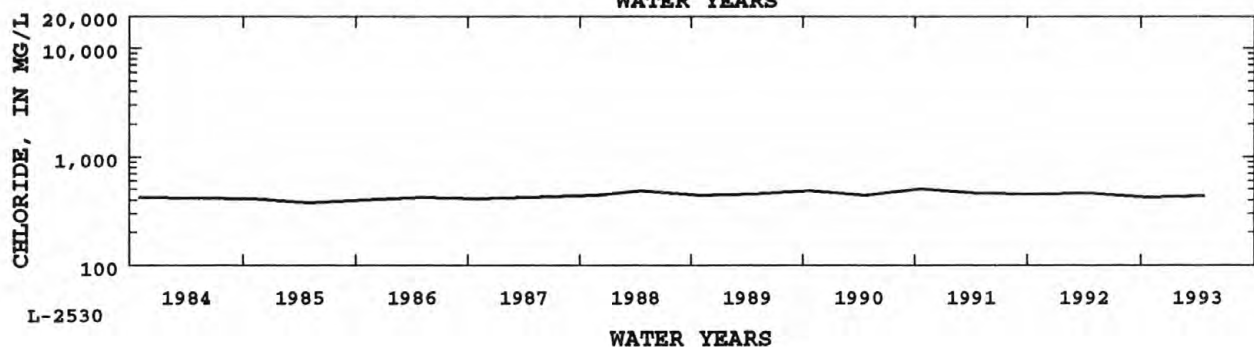
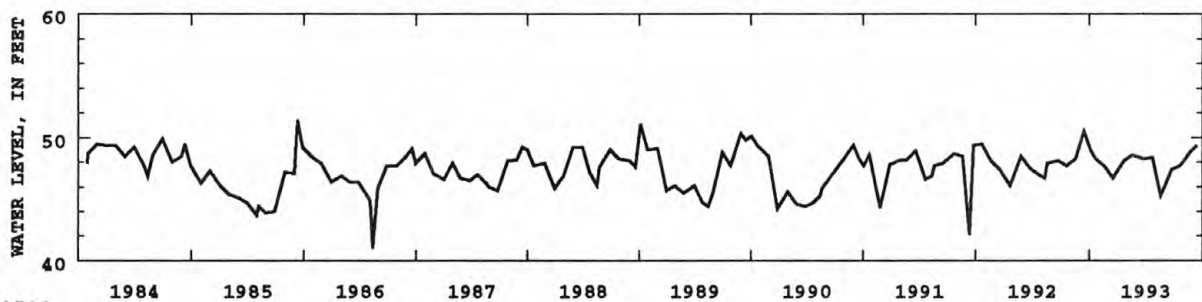
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1978 to current year. Records of water levels prior to October 1979 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.4 ft NGVD, Sept. 9, 1985; lowest measured, 40.7 ft NGVD, June 28, 1979.

264308081405402 - L -2530

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	0820	--	--	49.00	22...	0815	2180	430	48.40
22...	0900	2180	420	48.30	MAY				
NOV					19...	0840	--	--	45.30
17...	0835	--	--	47.70	JUN				
DEC					23...	0915	--	--	47.40
18...	0720	--	--	46.70	JUL				
JAN					21...	0840	--	--	47.70
21...	0820	--	--	48.10	AUG				
FEB					24...	1045	--	--	48.90
18...	0815	--	--	48.60	SEP				
MAR					13...	0905	--	--	49.30
24...	0800	--	--	48.30					



LEE COUNTY

WELL NUMBER.--264308081410001. Local Number L 1907.

LOCATION.--Lat 26°43'08", long 81°41'00", in NE1/4SE1/4 sec.23, T.43 S., R.26 E., Hydrologic Unit 03090205, at Lee County Water Plant, and 4.5 mi west of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 57 ft, cased to 55 ft, open hole 55 to 57 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape.

DATUM.--Land-surface datum is 6.58 ft above National Geodetic Vertical Datum of 1929. Prior to October 1978, land-surface datum was considered to be 7.53 ft NGVD. Measuring point: Top of casing, 0.80 ft above land-surface datum. See PERIOD OF RECORD.

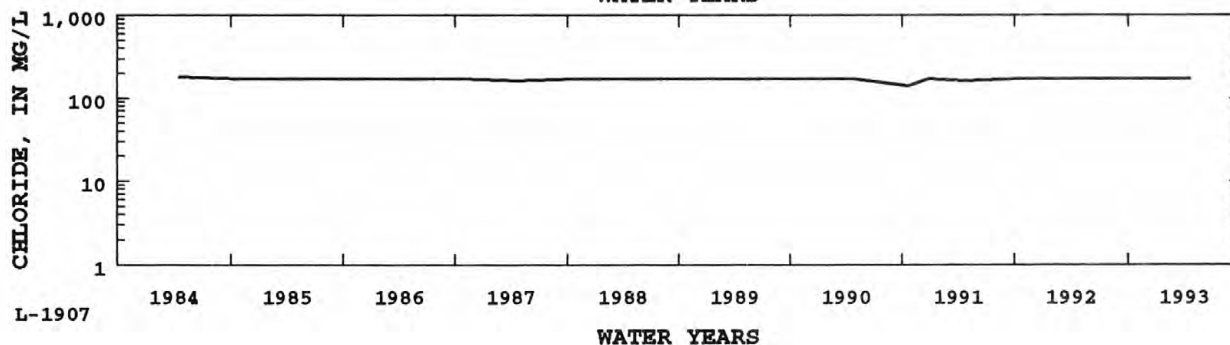
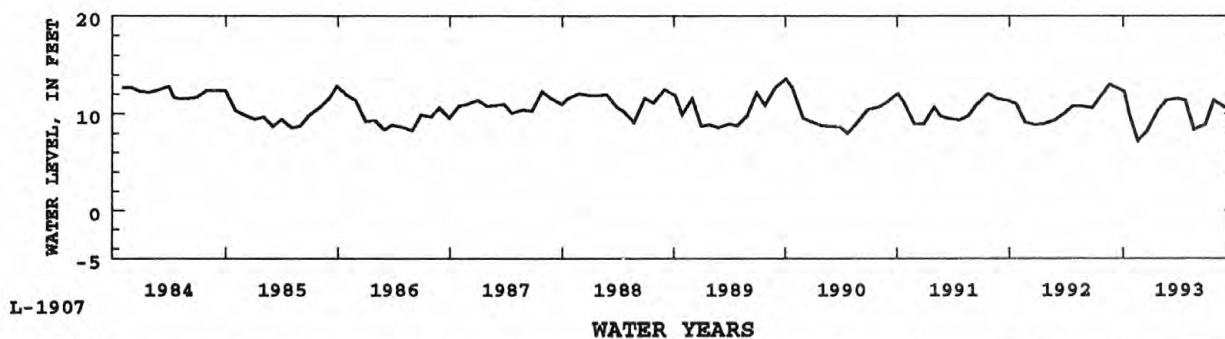
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--March 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey. The figures of water levels as elevations, in feet NGVD, prior to October 1978 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.1 ft NGVD, present datum, Aug. 28, 1974; lowest measured, 7.18 ft NGVD, Nov. 17, 1992.

264308081410001 - L -1907

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	0815	--	--	12.30	20...	0820	982	170	11.40
22...	0855	991	170	9.90	MAY				
NOV					17...	0845	--	--	8.40
17...	0830	--	--	7.18	JUN				
DEC					23...	0915	--	--	8.90
18...	0910	--	--	8.20	JUL				
JAN					21...	0840	--	--	11.40
21...	0825	--	--	10.30	AUG				
FEB					24...	1050	--	--	10.70
18...	0820	--	--	11.40					
MAR									
24...	0800	--	--	11.60					



LEE COUNTY

WELL NUMBER.--264320081365701. Local Number L 1977.

LOCATION.--Lat 26°43'20", long 81°36'57", in NE1/4NE1/4 sec.21, T.43 S., R.27 E., Hydrologic Unit 03090205, 300 ft north of intersection of Parkinson Road and State Road 78, and 0.7 mi northwest of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 185 ft, cased to 65 ft, screen 65 to 85 ft and cased 85 to 122 ft, open hole 122 to 185 ft (corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 17.39 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.50 ft above land-surface datum.

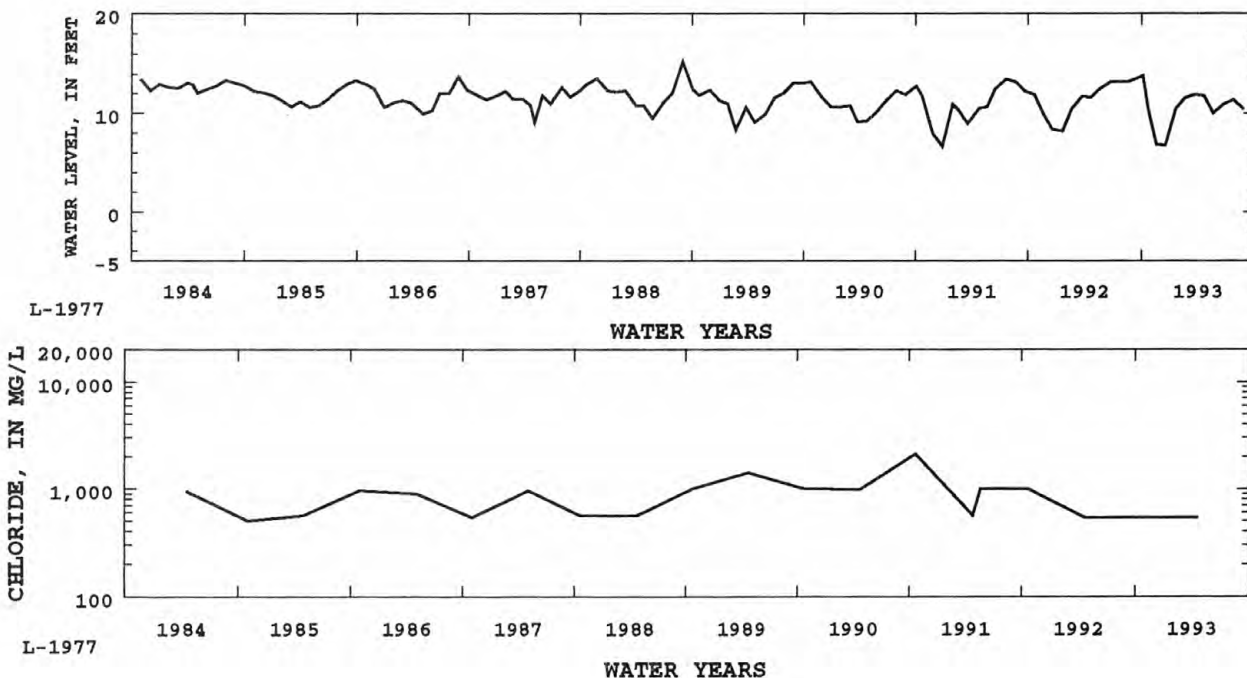
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.18 ft NGVD, Sept. 1, 1988; lowest measured, 6.77 ft NGVD, Dec. 18, 1992.

264320081365701 - L -1977

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0835	--	--	13.79	20...	0945	2280	540	11.78
21...	1010	2320	540	10.54	MAY				
NOV					19...	0825	--	--	10.00
18...	1430	--	--	6.88	JUN				
DEC					22...	0840	--	--	10.90
18...	0810	--	--	6.77	JUL				
JAN					23...	0750	--	--	11.38
19...	0830	--	--	10.50	AUG				
FEB					25...	0900	--	--	10.47
16...	0845	--	--	11.59					
MAR									
22...	0820	--	--	11.93					



LEE COUNTY

WELL NUMBER.--264320081365702. Local Number L 1978.

LOCATION.--Lat 26°43'20", long 81°36'57", in NE1/4NE1/4 sec.21, T.43 S., R.27 E., Hydrologic Unit 03090205, 300 ft north of intersection of Parkinson Road and State Road 78, and 0.7 mi northwest of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 17 ft, cased to 7 ft, slotted 7 to 17 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 17.40 ft (corrected) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.44 ft above land-surface datum.

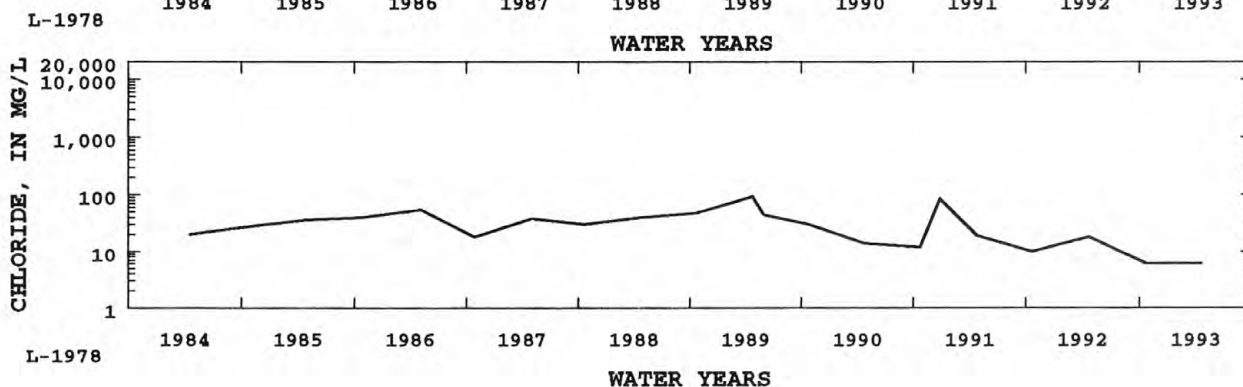
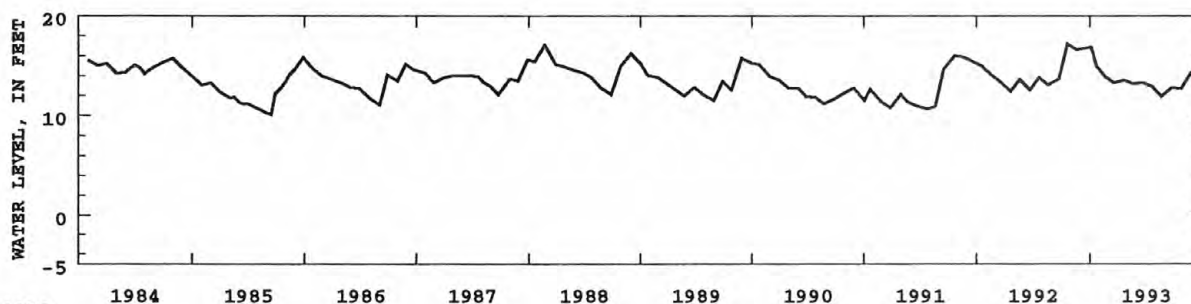
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.17 ft NGVD, July 20, 1992; lowest measured, 9.69 ft NGVD, May 27, 1981.

264320081365702 - L -1978

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0835	--	--	16.80	20...	0950	149	6.0	12.89
21...	1010	143	6.0	14.93	MAY				
NOV					19...	0825	--	--	11.90
18...	1430	--	--	13.91	JUN				
DEC					22...	0835	--	--	12.70
18...	0810	--	--	13.25	JUL				
JAN					23...	0750	--	--	12.68
19...	0835	--	--	13.55	AUG				
FEB					25...	0900	--	--	14.35
16...	0845	--	--	13.22					
MAR									
22...	0820	--	--	13.25					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS LEE COUNTY

WELL NUMBER.--264329081340401. Local Number L 2200.

LOCATION.--Lat 26°43'29", long 81°34'04", in NE1/4NE1/4 sec.24, T.43 S., R.27 E., Hydrologic Unit 03090205, west side of the Lee/Hendry County Line and State Road 78, and 2.8 mi northeast of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 163 ft, cased to 122 ft, screen 122 to 163 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 17.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

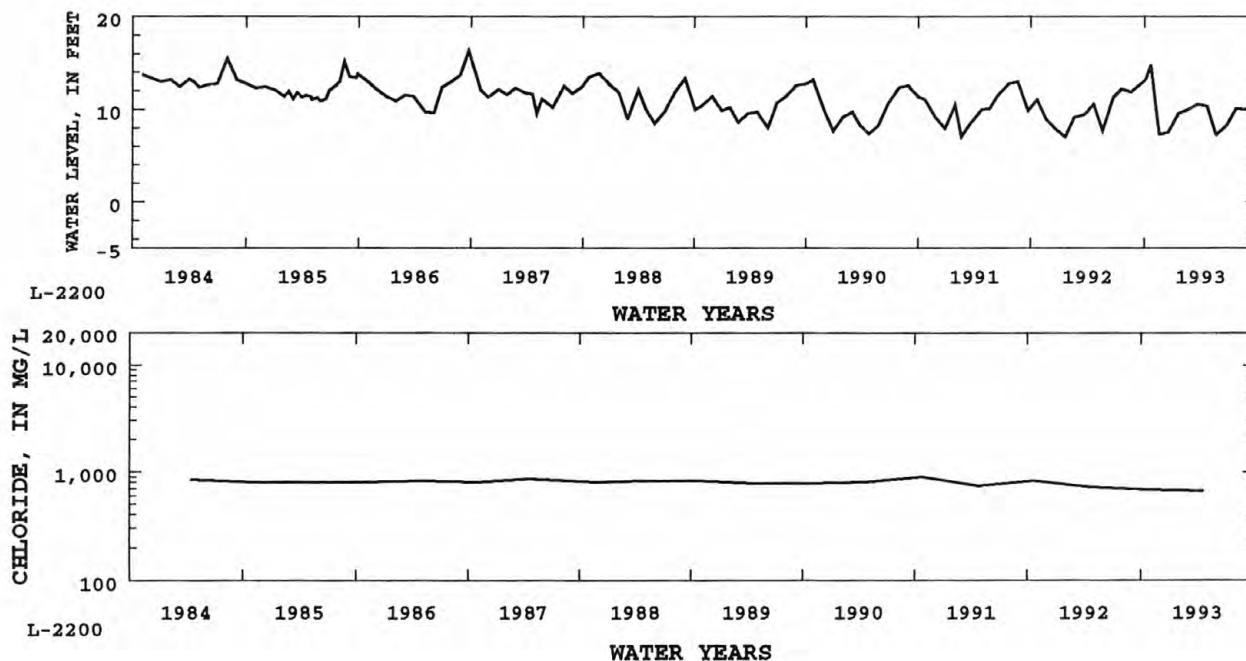
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.32 ft NGVD, Sept. 23, 1986; lowest measured, 7.02 ft NGVD, Jan. 21, 1992.

264329081340401 - L -2200

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0920	--	--	13.19	20...	1030	2830	660	10.39
21...	1100	2910	680	14.77	MAY				
NOV					19...	0850	--	--	7.22
18...	1405	--	--	7.32	JUN				
DEC					22...	0905	--	--	8.22
18...	0825	--	--	7.51	JUL				
JAN					23...	0815	--	--	10.05
19...	0920	--	--	9.56	AUG				
FEB					25...	0920	--	--	9.99
16...	0915	--	--	9.96					
MAR									
22...	0850	--	--	10.58					



LEE COUNTY

WELL NUMBER.--264329081340402. Local Number L 2202.

LOCATION.--Lat 26°43'29", long 81°34'04", in NE1/4NE1/4 sec.24, T.43 S., R.27 E., Hydrologic Unit 03090205, west side of the Lee/Hendry County Line and State Road 78, and 2.8 mi northeast of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 17.4 ft, cased to 7.4 ft, screen 7.4 to 17.4 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 17.43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

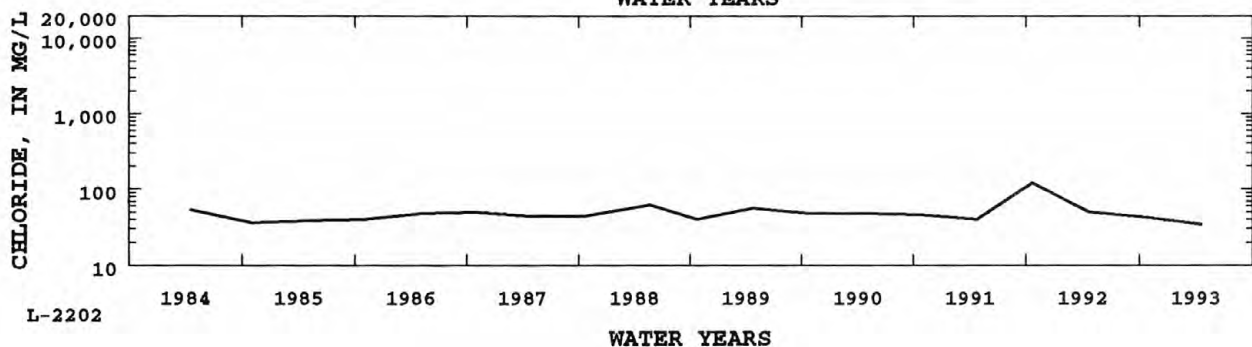
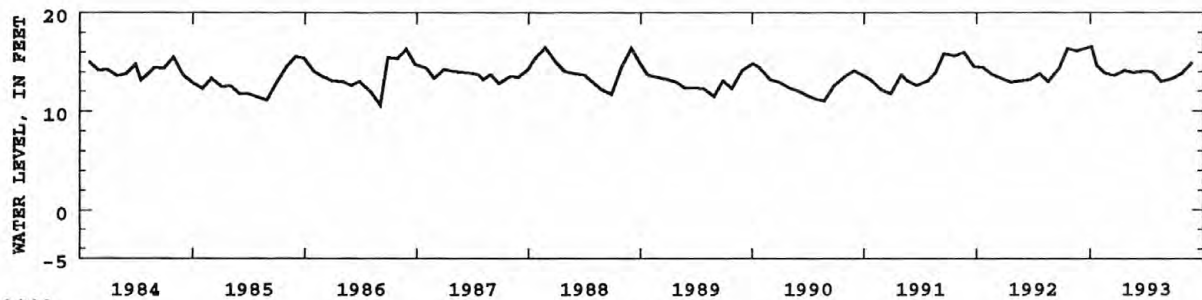
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.94 ft NGVD, Feb. 28, 1983; lowest measured, 10.59 ft NGVD, June 2, 1986.

264329081340402 - L -2202

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
05...	0905	--	--	16.58	20...	0845	649	34	13.98
21...	1100	669	42	14.60	MAY				
NOV					18...	0850	--	--	13.01
18...	1405	--	--	13.84	JUN				
DEC					22...	0910	--	--	13.27
18...	0825	--	--	13.59	JUL				
JAN					23...	0815	--	--	13.77
19...	0925	--	--	14.11	AUG				
FEB					25...	0920	--	--	14.90
16...	0915	--	--	13.91					
MAR									
22...	0845	--	--	14.02					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264359081424701. Local Number L 1975.

LOCATION.--Lat 26°43'59", long 81°42'47", in SE1/4NE1/4 sec.16, T.43 S., R.26 E., Hydrologic Unit 03090205, at intersection of State Road 78 and North Olga Drive, and 6.5 mi west of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 168 ft, cased to 102 ft, screen 102 to 142 ft, cased 142 to 158 ft, open hole 158 to 168 ft (corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape or pressure gage.

DATUM.--Land-surface datum is 13.12 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

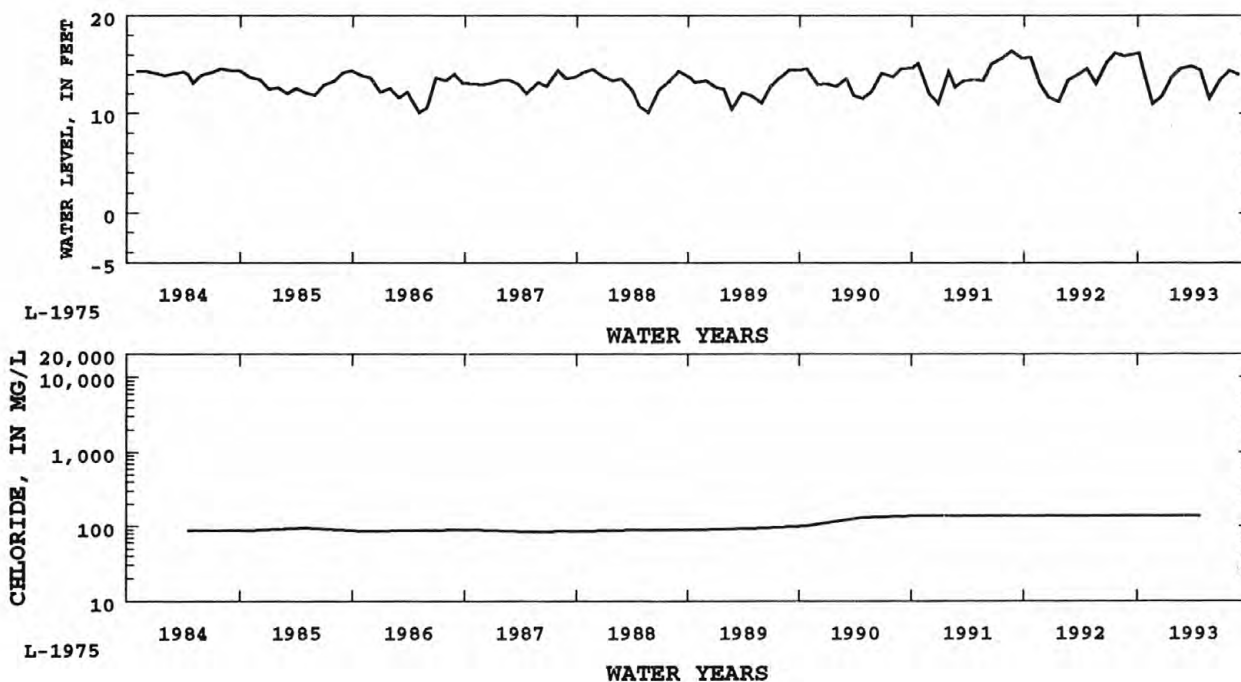
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--December 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.02 ft NGVD, Nov. 29, 1979; lowest measured, 10.07 ft NGVD, May 5, 1986.

264359081424701 - L -1975

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPR-	CHLO-	ELEV-	DATE	TIME	SPR-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE				SOLVED	ABOVE	
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
	AS CL)		AS CL)	(FEET)		AS CL)		AS CL)	(FEET)
OCT					APR				
06...	0900	--	--	16.19	20...	0920	875	140	14.45
21...	0945	873	140	14.03	MAY				
NOV					19...	0810	--	--	11.52
17...	1310	--	--	11.01	JUN				
DEC					22...	0830	--	--	13.32
18...	0800	--	--	11.73	JUL				
JAN					23...	0730	--	--	14.37
19...	0820	--	--	13.71	AUG				
FEB					23...	0850	--	--	14.00
16...	1410	--	--	14.59					
MAR									
22...	0805	--	--	14.82					



LEE COUNTY

WELL NUMBER.--264359081424702. Local Number L 1976.

LOCATION.--Lat 26°43'59", long 81°42'47", in SE1/4NE1/4 sec.16, T.43 S., R.26 E., Hydrologic Unit 03090205, at intersection of State Road 78 and North Olga Drive, and 6.5 mi west of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 15 ft, cased to 5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.94 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

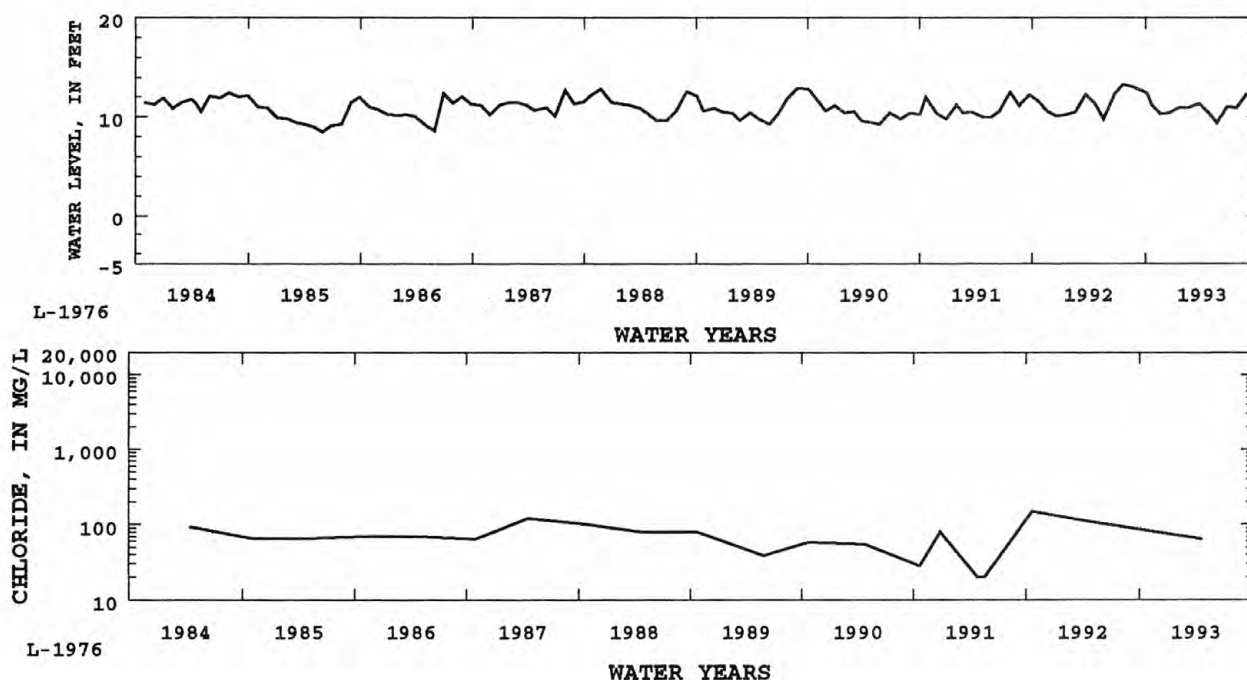
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1974 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.28 ft NGVD, July 20, 1992; lowest measured, 8.40 ft NGVD, May 26, 1976.

264359081424702 - L -1976

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	0905	--	--	12.40	20...	0925	1110	64	10.47
21...	0945	--	--	11.16	MAY				
NOV					19...	0815	--	--	9.40
17...	1305	--	--	10.29	JUN				
DEC					22...	0810	--	--	11.01
18...	0800	--	--	10.43	JUL				
JAN					23...	0740	--	--	10.90
18...	0815	--	--	10.95	AUG				
FEB					25...	0845	--	--	12.35
16...	0830	--	--	10.90					
MAR									
22...	0805	--	--	11.34					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264425081454001. Local Number L 726.

LOCATION.--Lat 26°44'25", long 81°45'40", in SW1/4SW1/4 sec.7, T.43 S., R.26 E., Hydrologic Unit 03090205, at intersection of State Road 78 and State Road 31, and 9.4 mi northwest of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 19 ft, cased to 14 ft, slotted 14 to 19 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.13 ft above land-surface datum. (Corrected).

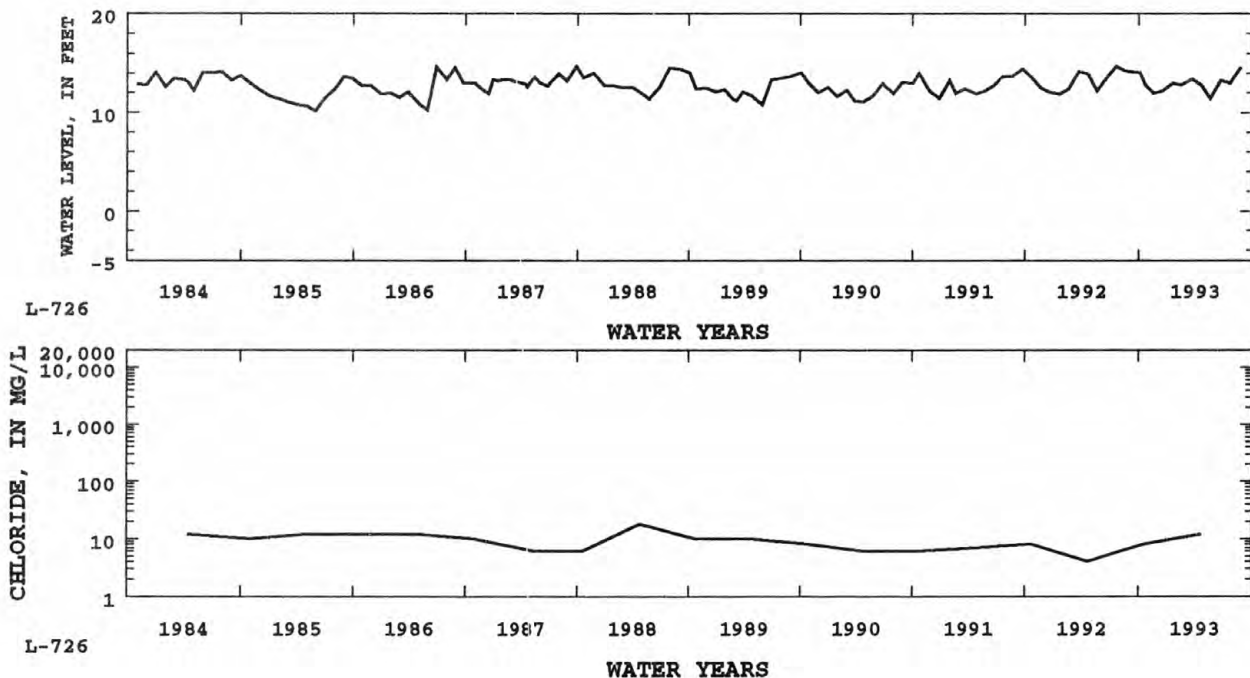
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--July 1968 to December 1974 (bimonthly), January 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.06 ft NGVD, Feb. 28, 1983; lowest measured, 9.06 ft NGVD, Apr. 28, 1976.

264425081454001 - L - 726

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	0845	--	--	14.04	20...	0840	459	12	12.80
21...	0940	424	8.0	12.85	MAY				
NOV					19...	0805	--	--	11.48
17...	1315	--	--	11.96	JUN				
DEC					22...	0755	--	--	13.28
18...	0750	--	--	12.22	JUL				
JAN					23...	0730	--	--	13.01
19...	0755	--	--	12.98	AUG				
FEB					25...	0830	--	--	14.59
16...	0815	--	--	12.83					
MAR									
22...	0745	--	--	13.38					



LEE COUNTY

WELL NUMBER.--264427081362601. Local Number L 2531.

LOCATION.--Lat 26°44'27", long 81°36'26", in SE1/4SW1/4 sec.10, T.43 S., R.27 E., Hydrologic Unit 03090205, 2 mi north of Alva on Persimon Ridge Road on west side of road. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 605 ft, cased to 345 ft, open hole 345 to 605 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 19.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. PVC casing, 1.00 ft above land-surface datum.

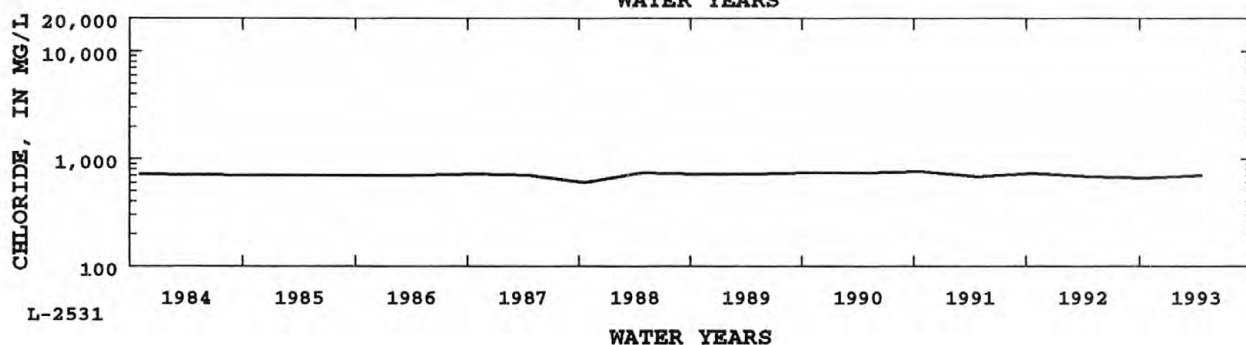
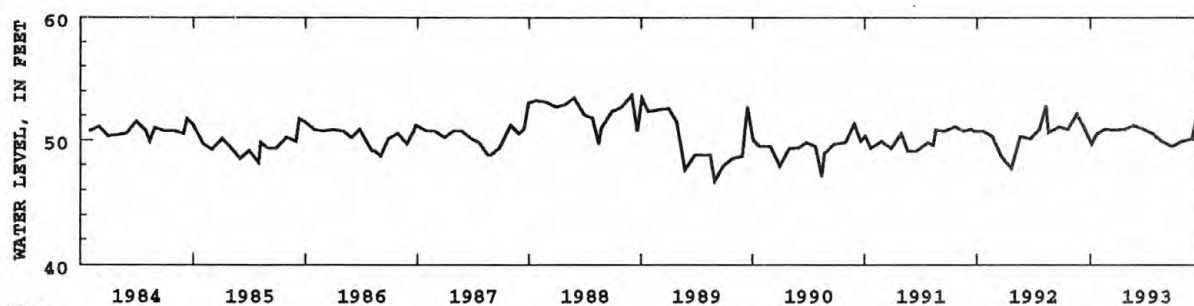
REMARKS.--Well is also sampled for water quality.

PERIOD OF RECORD.--March 1978 to current year. Records of water levels prior to October 1983 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.6 ft NGVD, Sept. 1, 1988; lowest measured, 46.2 ft NGVD, June 28, 1978.

264427081362601 - L -2531

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT-	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT-	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		ANCE (US/CM)	(MG/L AS CL)	(FEET)			ANCE (US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
05...	0845	--	--	49.70	20...	1000	3020	700	50.50
21...	1045	3040	660	50.50	MAY				
NOV					19...	0835	--	--	49.90
18...	1410	--	--	50.90	JUN				
DEC					22...	0845	--	--	49.50
18...	0820	--	--	50.90	JUL				
JAN					23...	0800	--	--	49.90
19...	0815	--	--	50.90	AUG				
FEB					25...	0905	--	--	50.10
16...	0850	--	--	51.20	SEP				
MAR					13...	0920	--	--	52.10
22...	0825	--	--	50.90					



LEE COUNTY

WELL NUMBER.--264433081360601. Local Number L 5708.

LOCATION.--Lat 26°44'33", long 81°36'06", in SE1/4SE1/4 sec.10, T.43 S., R.27 E., Hydrologic Unit 03090205, 250 ft west of Frank Green house, 700 ft south of Persimmons Ridge Road, 1.6 mi north then west of intersection of State Road 78 and Persimmons Ridge Road and 1.9 mi north of Alva. Owner: South Florida Water Management District.

AQUIFER.--Suwannee aquifer of the Oligocene Age, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Driven, observation, artesian well, diameter 6 in., depth 920 ft, cased to 620 ft, open hole 620 to 920 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 19.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. by 2 in. reducer, 2.55 ft above land-surface datum.

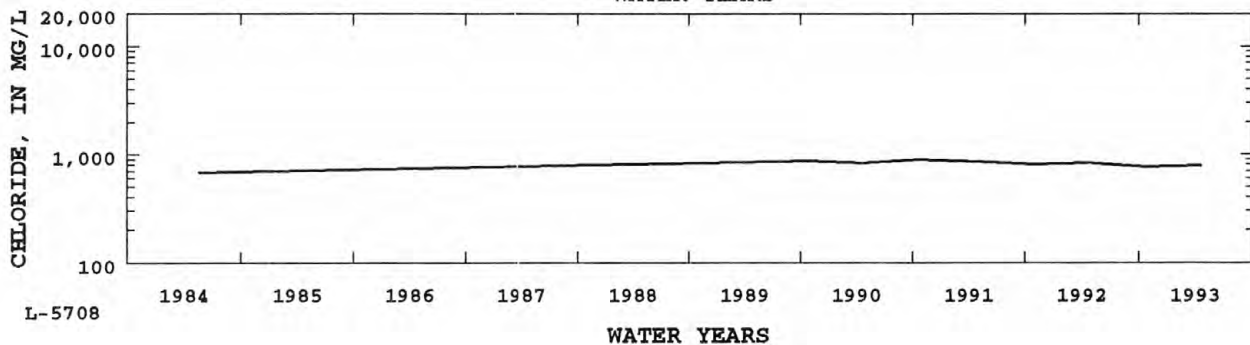
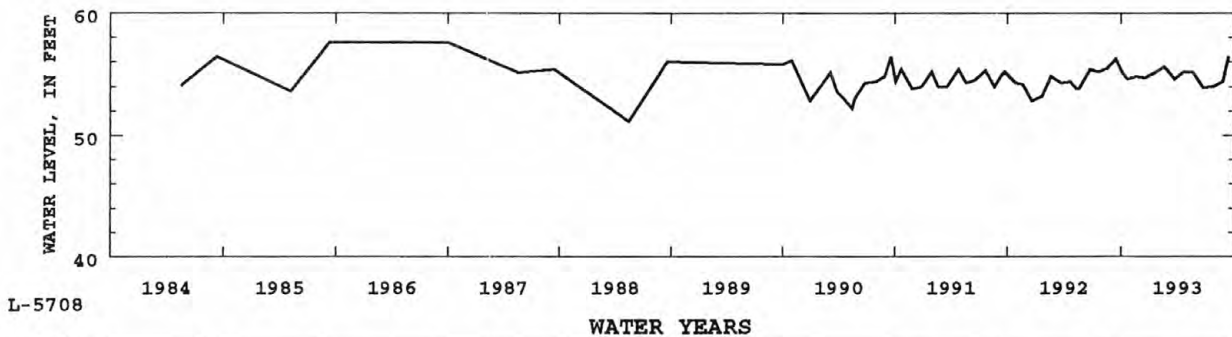
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1984 to March 1990 (intermittent), April 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 57.6 ft NGVD, Sept. 30, 1986; lowest measured, 51.15 ft NGVD, May 16, 1988.

264433081360601 - L -5708

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
05...	0900	--	--	55.10	20...	1015	3380	780	55.20
21...	1050	3390	760	54.60	MAY				
NOV					19...	0840	--	--	55.20
18...	1420	--	--	54.80	JUN				
DEC					22...	0855	--	--	53.90
18...	0825	--	--	54.70	JUL				
JAN					23...	0800	--	--	54.00
19...	0905	--	--	55.10	AUG				
FEB					25...	0910	--	--	54.40
16...	0900	--	--	55.60	SEP				
MAR					13...	0920	--	--	56.40
22...	0835	--	--	54.60					



LEE COUNTY

WELL NUMBER.--264517081513201. Local Number L 2341.

LOCATION.--Lat 26°45'17", long 81°51'32", in NW1/4NW1/4 sec.7, T.43 S., R.25 E., Hydrologic Unit 03100103, at south-east corner of intersection of Nalle Grade Road and Huber Road, and 6.1 mi northeast of North Fort Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 585 ft, cased to 300 ft, open hole 300 to 585 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 22.77 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.40 ft above land-surface datum.

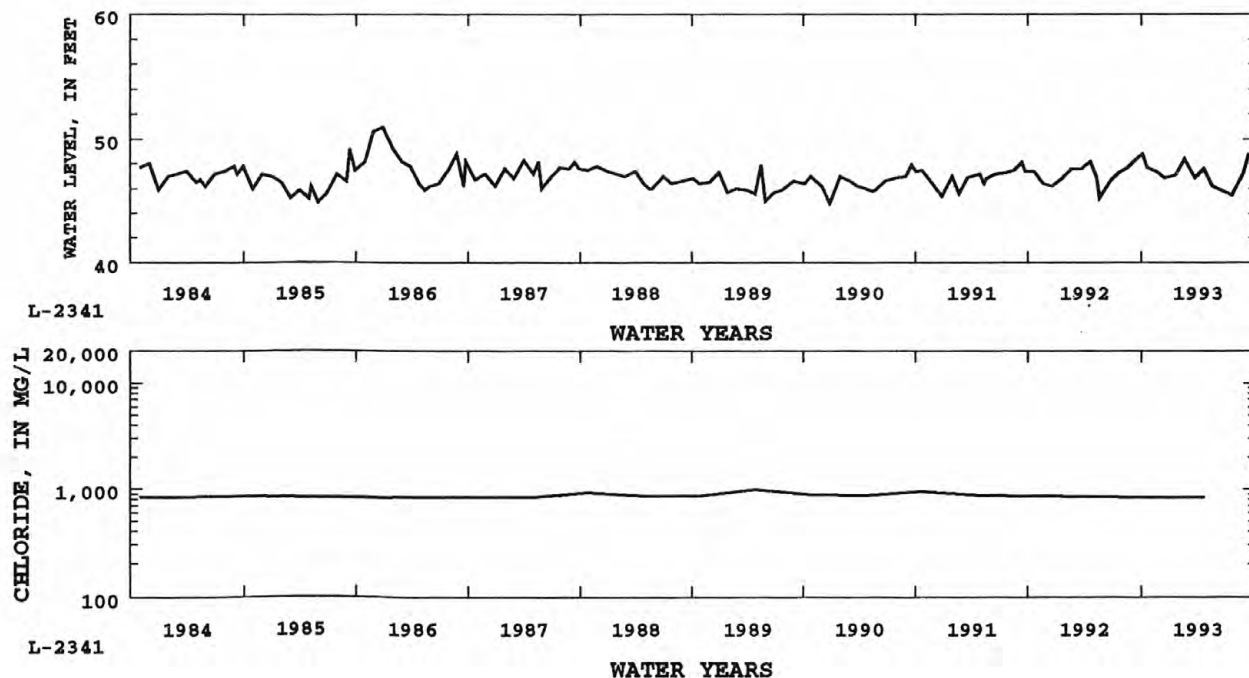
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1976 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 51.0 ft NGVD, Dec. 27, 1985; lowest measured, 44.80 ft NGVD, Dec. 26, 1989.

264517081513201 - L -2341

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	0950	--	--	48.80	20...	0820	3320	840	47.60
20...	0910	3340	840	47.70	MAY				
NOV					17...	1240	--	--	46.20
17...	1150	--	--	47.40	JUN				
DEC					22...	0735	--	--	45.80
15...	0945	--	--	46.90	JUL				
JAN					21...	1340	--	--	45.50
20...	0820	--	--	47.10	AUG				
FEB					25...	0810	--	--	47.20
18...	1310	--	--	48.40	SEP				
MAR					13...	1015	--	--	48.80
23...	0825	--	--	46.90					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264517082022101. Local Number L 1059.

LOCATION.--Lat 26°45'17", long 82°02'21", in NE1/4NE1/4 sec.7, T.43 S., R.23 E., Hydrologic Unit 03100103, 8.0 mi north of the intersection of Pine Island Road and State Road 765, and 8.8 mi northeast of Matlacha Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in., depth 189 ft, cased to 156 ft, open hole 156 to 189 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage or chalked tape.

DATUM.--Land-surface datum is 10.55 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of bushing, 2.34 ft above land-surface datum.

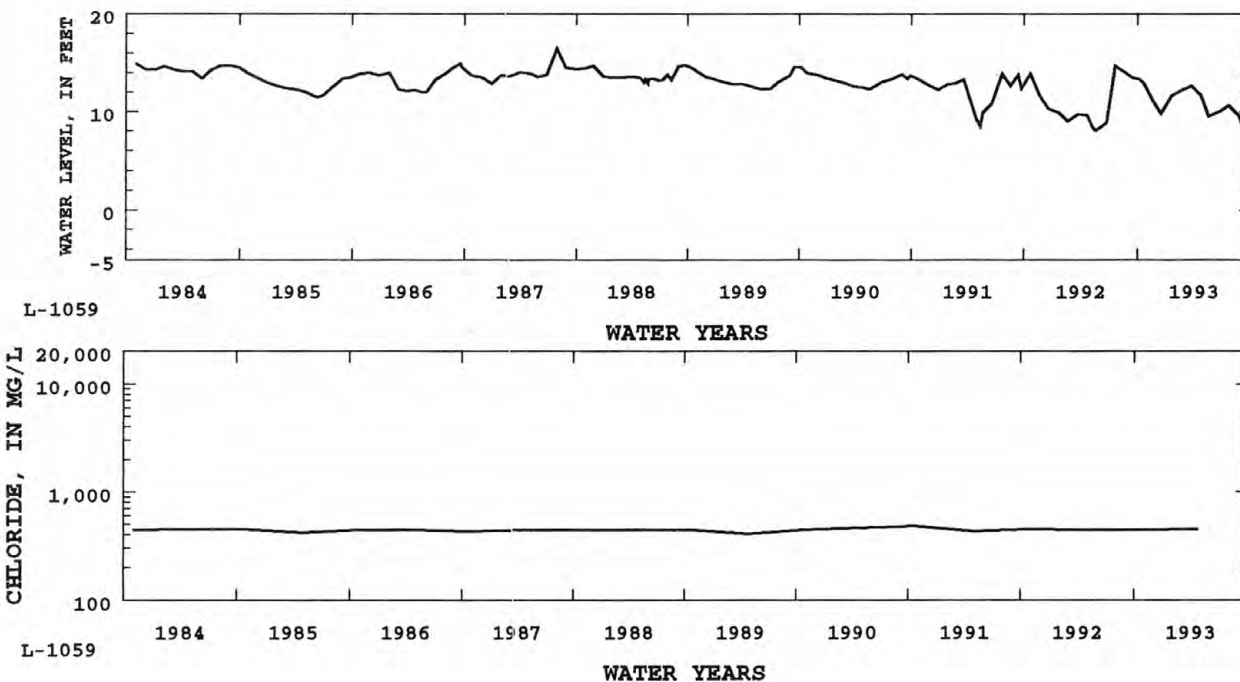
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1970 to December 1974 (bimonthly), January 1975 to current year. Records of water levels prior to October 1975 are available in files of the Geological Survey. (Corrected).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.9 ft NGVD, Jan. 30, 1980; lowest measured, 7.77 ft NGVD, Sept. 13, 1993.

264517082022101 - L -1059

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	0855	--	--	13.39	23...	1320	1520	450	11.75
20...	1330	1550	440	12.99	MAY				
NOV					17...	1340	--	--	9.56
17...	1050	--	--	11.24	JUN				
DEC					23...	0805	--	--	10.05
15...	1040	--	--	9.81	JUL				
JAN					21...	1210	--	--	10.63
20...	1120	--	--	11.72	AUG				
FEB					23...	0935	--	--	9.62
19...	0925	--	--	12.21	SEP				
MAR					13...	1040	--	--	7.77
23...	1100	--	--	12.65					



LEE COUNTY

WELL NUMBER.--264517082022102. Local Number L 2526.

LOCATION.--Lat 26°45'17", long 82°02'21", in NE1/4NE1/4 sec.7, T.43 S., R.23 E., Hydrologic Unit 03100103, on State Road 765, 8 mi north of State Road 78, and 8.8 mi northeast of Matlacha Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 605 ft, cased to 300 ft, open hole 300 to 605 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 10.71 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 4 in. bushing, 2.92 ft above land-surface datum. (Corrected).

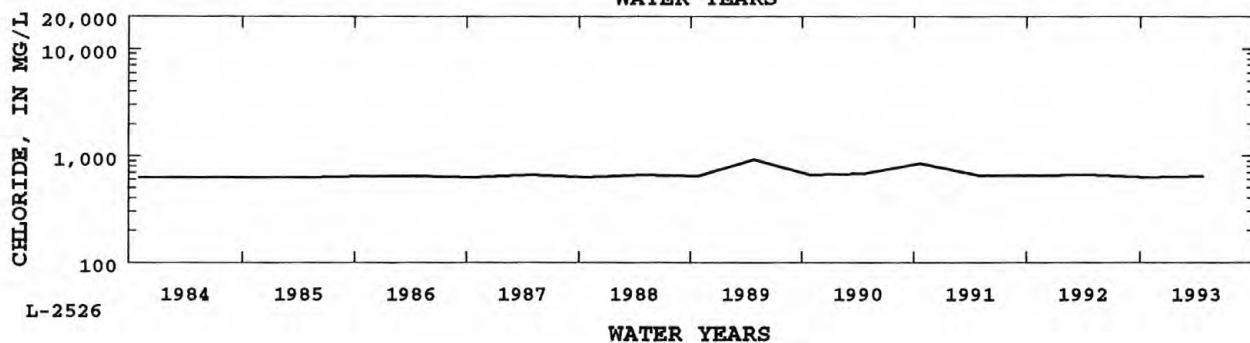
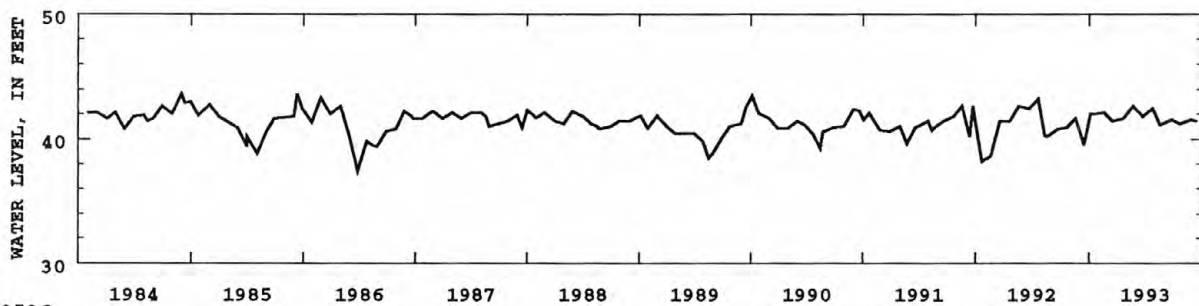
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--January 1978 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 43.43 ft NGVD, Oct. 5, 1989; lowest measured, 33.9 ft NGVD, Feb. 28, 1980.

264517082022102 - L -2526

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	ABOVE			ANCE	(MG/L	ABOVE
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
06...	0850	--	--	42.00	23...	1315	2550	640	42.40
20...	1325	2580	620	42.00	MAY				
NOV					17...	1340	--	--	41.10
17...	1045	--	--	42.10	JUN				
DEC					23...	0800	--	--	41.50
15...	1035	--	--	41.40	JUL				
JAN					21...	1210	--	--	41.20
20...	1120	--	--	41.60	AUG				
FEB					24...	0935	--	--	41.50
19...	0925	--	--	42.60	SEP				
MAR					13...	1040	--	--	41.40
23...	1055	--	--	41.80					



LEE COUNTY

WELL NUMBER.--264537081552202. Local Number L 2646.

LOCATION.--Lat 26°45'37", long 81°55'22", in NW1/4SW1/4 sec.4, T.43 S., R.24 E., Hydrologic Unit 03090205, at intersection of Lakeville Drive and Dalewood Road and 6.9 mi northwest of North Fort Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Mid-Hawthorn aquifer of the Miocene Age, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 220 ft, cased to 170 ft, open hole 170 to 220 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum.

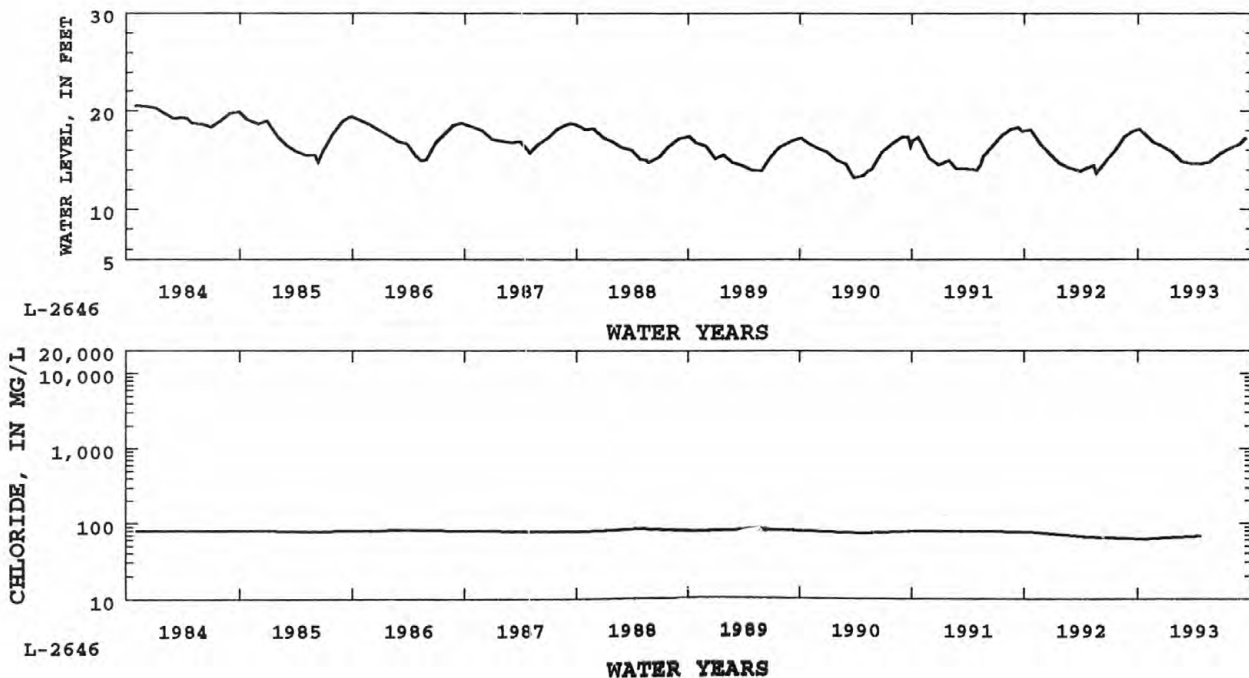
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to current year. Records of water levels prior to October 1978 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.36 ft NGVD, Sept. 28, 1978; lowest measured, 13.20 ft NGVD, Mar. 26, 1990.

264537081552202 - L -2646

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					APR				
06...	0925	--	--	18.15	23...	1250	629	68	14.65
20...	1355	629	62	17.79	MAY				
NOV					17...	1300	--	--	14.79
17...	1120	--	--	16.88	JUN				
DEC					23...	0820	--	--	15.71
15...	1000	--	--	16.47	JUL				
JAN					21...	1240	--	--	16.13
20...	1145	--	--	15.81	AUG				
FEB					24...	0950	--	--	16.67
19...	0955	--	--	14.82	SEP				
MAR					13...	1105	--	--	17.23
23...	1125	--	--	14.64					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
LEE COUNTY

575

WELL NUMBER.--264537081552203. Local Number L 3209.

LOCATION.--Lat 26°45'37", long 81°55'22", in NW1/4SW1/4 sec.4, T.43 S., R.24 E., Hydrologic Unit 03090205, at intersection of Lakeville Drive and Dalewood Road and 6.9 mi northwest of North Fort Myers Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in., depth 18 ft, cased to 8 ft, slotted 8 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.81 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.34 ft above land-surface datum.

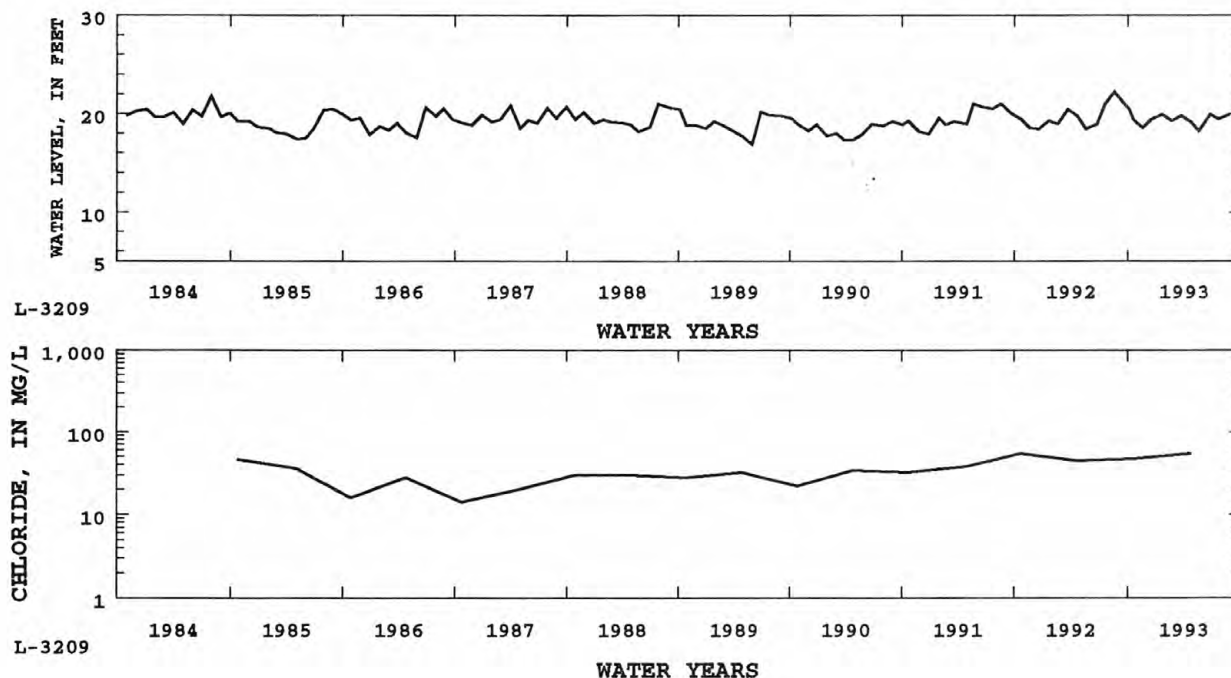
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--May 1978 to current year. Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.20 ft NGVD, Aug. 18, 1992; lowest measured, 13.82 ft NGVD, Nov. 30, 1978.

264537081552203 - L -3209

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	CON-	DUCT-	DIS-	SOLVED	ANCE	CON-	DUCT-	DIS-	SOLVED
(US/CM)	(MG/L	AS	CL)	NGVD	(US/CM)	(MG/L	AS	CL)	NGVD
				(FEET)					(FEET)
OCT					APR				
06...	0930	--	--	20.45	23...	1300	670	54	19.14
20...	1400	667	47	19.35	MAY				
NOV					17...	1300	--	--	18.26
17...	1125	--	--	18.58	JUN				
DEC					23...	0820	--	--	19.91
15...	1005	--	--	19.39	JUL				
JAN					21...	1240	--	--	19.49
20...	1145	--	--	19.91	AUG				
FEB					24...	0950	--	--	19.95
19...	0955	--	--	19.29					
MAR									
23...	1130	--	--	19.81					



LEE COUNTY

WELL NUMBER.--264608081454101. Local Number L 2216.

LOCATION.--Lat 26°46'08", long 81°45'41", in NE1/4NE1/4 sec.1, T.43 S., R.25 E., Hydrologic Unit 03090205, west side of State Road 31 at Lee/Charlotte County Line, and 10.0 mi northwest of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Sandstone aquifer of the Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 150 ft, cased to 130 ft, screen 130 to 150 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

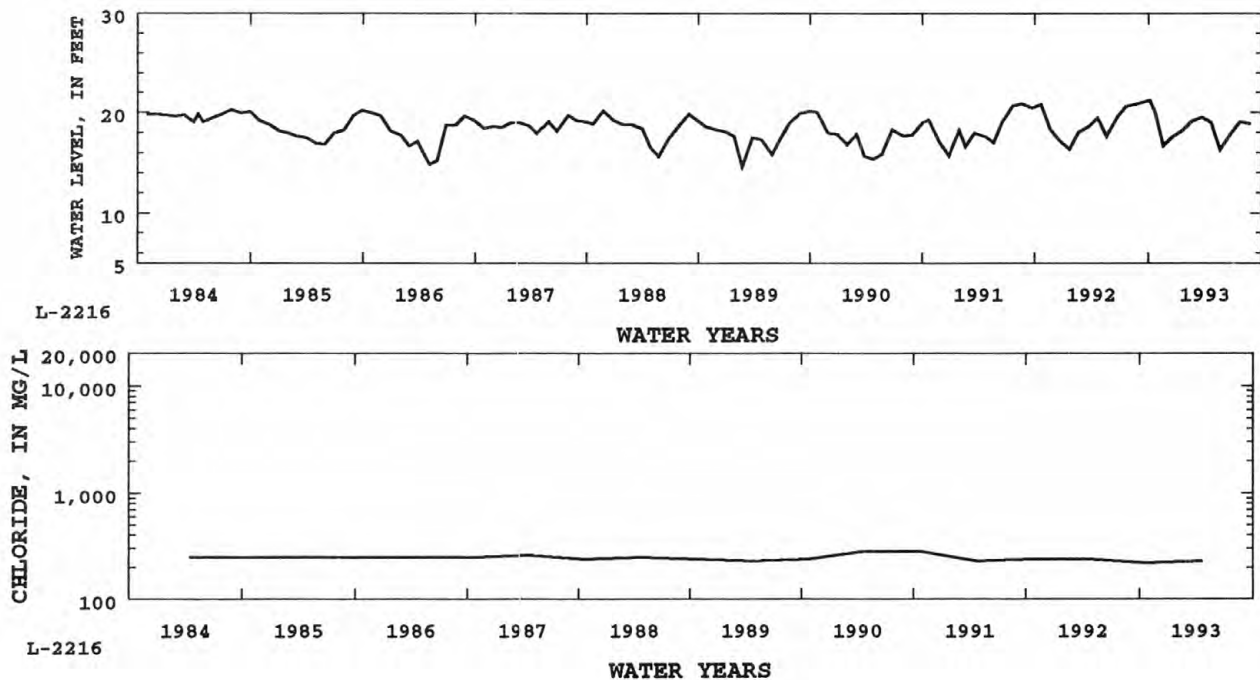
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 21.16 ft NGVD, Oct. 6, 1992; lowest measured, 14.16 ft NGVD, Apr. 27, 1977.

264608081454101 - L -2216

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	0840	--	--	21.16	20...	0900	1180	230	18.97
21...	0920	1200	220	20.11	MAY				
NOV					19...	0800	--	--	16.27
17...	1320	--	--	15.67	JUN				
DEC					21...	0800	--	--	17.82
18...	0740	--	--	17.53	JUL				
JAN					23...	0720	--	--	19.08
19...	0800	--	--	18.21	AUG				
FEB					25...	0835	--	--	18.88
16...	0820	--	--	19.09					
MAR									
22...	0755	--	--	19.47					



LEE COUNTY

WELL NUMBER.--264608081454102. Local Number L 2217.

LOCATION.--Lat 26°46'08", long 81°45'41", in NE1/4NE1/4 sec.1, T.43 S., R.25 E., Hydrologic Unit 03090205, west side of State Road 31 at Lee/Charlotte County Line, and 10.0 mi northwest of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Surficial aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 18 ft, cased to 10 ft, screen 10 to 18 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.23 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

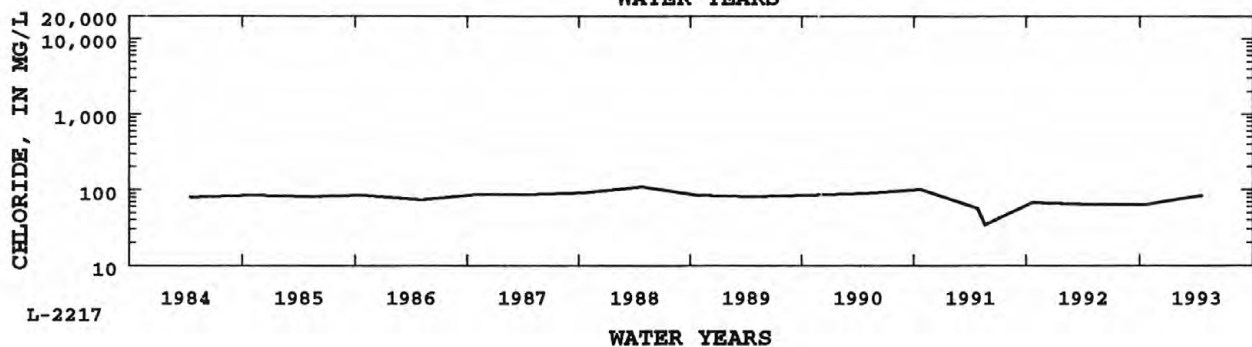
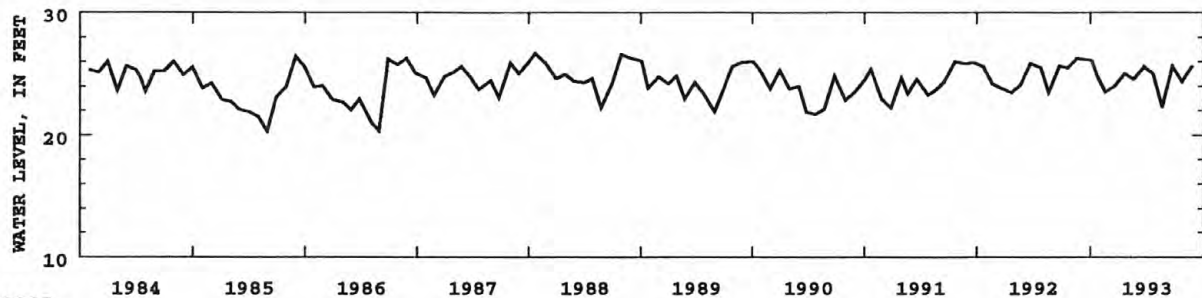
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--October 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.75 ft NGVD, Aug. 30, 1977; lowest measured, 20.08 ft NGVD, Apr. 27, 1977.

264608081454102 - L -2217

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
06...	0835	--	--	26.13	20...	0855	870	84	25.03
21...	0920	724	64	24.88	MAY				
NOV					19...	0800	--	--	22.28
17...	1320	--	--	23.52	JUN				
DEC					22...	0800	--	--	25.66
18...	0740	--	--	23.97	JUL				
JAN					23...	0720	--	--	24.35
19...	0800	--	--	24.99	AUG				
FEB					25...	0835	--	--	25.66
16...	0820	--	--	24.56					
MAR									
22...	0755	--	--	25.61					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264608081454103. Local Number L 2328.

LOCATION.--Lat 26°46'08", long 81°45'41", in NE1/4NE1/4 sec.1, T.43 S., R.25 E., Hydrologic Unit 03090205, west side of State Road 31 at Lee/Charlotte County Line, and 10.0 mi northwest of Alva Post Office. Owner: U.S. Geological Survey.

AQUIFER.--Lower Hawthorn aquifer of the Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in., depth 600 ft, cased to 300 ft, open hole 300 to 600 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with pressure gage.

DATUM.--Land-surface datum is 26.22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of 8 in. casing, 2.30 ft above land-surface datum.

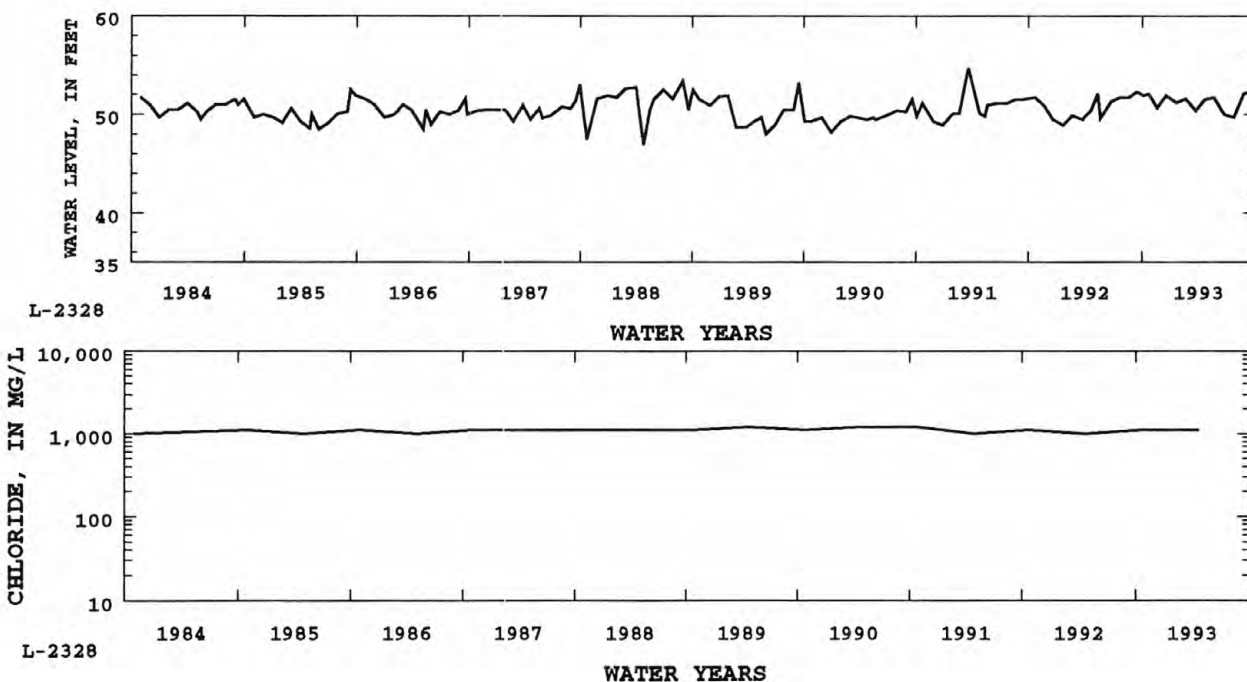
REMARKS.--Well also sampled for water quality.

PERIOD OF RECORD.--September 1976 to current year. Records of water levels prior to October 1982 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 56.3 ft NGVD, July 31 and Oct. 31, 1979; lowest measured, 46.5 ft NGVD, Feb. 28 and June 28, 1978.

264608081454103 - L -2328

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
06...	0830	--	--	51.90	20...	0905	4100	1100	51.50
21...	0920	4100	1100	52.10	MAY				
NOV					19...	0805	--	--	51.70
17...	1320	--	--	50.70	JUN				
DEC					22...	0805	--	--	50.00
18...	0740	--	--	51.90	JUL				
JAN					23...	0725	--	--	49.70
19...	0805	--	--	51.20	AUG				
FEB					25...	0840	--	--	52.10
16...	0820	--	--	51.60	SEP				
MAR					13...	0950	--	--	52.30



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- PIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
262034081464801	L - 345		26 20 34 N	081 46 48 W	10-05-92	1630	330	--
					10-19-92	1700	320	--
					11-20-92	1730	320	--
					12-16-92	1750	340	--
					01-20-93	1630	330	--
					02-17-93	1780	340	--
					03-25-93	1700	320	--
					04-20-93	1740	320	--
					05-19-93	1740	320	--
					06-24-93	1770	340	--
					07-20-93	1710	330	--
					08-25-93	1730	330	--
262331082383201	L -5672		26 23 31 N	081 38 32 W	10-23-92	750	40	10.86
					04-26-93	757	44	10.15
262331082383202	L -5673				10-23-92	567	18	5.65
					04-26-93	669	58	4.16
262513081432601	L -5667		26 25 13 N	081 43 26 W	10-23-92	620	30	15.97
					04-26-93	615	32	15.22
262513081432902	L -5666		26 25 13 N	081 43 29 W	10-23-92	928	110	8.10
					04-26-93	936	120	5.66
263058081560801	L - 357		26 30 58 N	081 56 08 W	10-21-92	3670	920	--
					04-22-93	3530	860	--
263125081511801	L - 331		26 31 25 N	081 51 18 W	10-21-92	2470	660	30.40
					04-23-93	2470	650	30.10
263315081524201	L -1156		26 33 15 N	081 52 42 W	10-20-92	702	92	-37.71
					04-22-93	904	150	-39.25
263438081563201	L -1117		26 34 38 N	081 56 32 W	10-19-92	544	150	-24.99
					04-19-93	508	140	-32.88
263720081573101	L -1114		26 37 20 N	081 57 31 W	10-19-92	754	92	-21.65
264054081592601	L -1106		26 40 54 N	081 59 26 W	10-20-92	1090	190	5.91
					04-26-93	1090	190	2.68
264055081583101	L -1109		26 40 55 N	081 58 31 W	10-20-92	900	200	2.07
					04-26-93	962	230	-0.75
264120082022101	L -1113		26 41 12 N	082 02 21 W	10-20-92	3990	1100	11.85
					04-26-93	3890	1100	11.24
					05-17-93	--	--	10.13
					09-13-93	--	--	11.96
264144081582601	L -1108		26 41 44 N	081 58 26 W	10-20-92	1090	240	3.92
					04-26-93	1160	240	1.83
					05-17-93	--	--	0.0
					09-13-93	--	--	2.98
264146081592301	L -1107		26 41 46 N	081 59 23 W	10-20-92	1160	180	6.09
					04-26-93	945	190	4.49
					05-17-93	--	--	3.12
					09-13-93	--	--	5.33

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL	LAT-	LONG-	DATE	SPE-	CHLO-	ELEV-
		IDENT-	I-	I-		CIFIC	RIDE,	ATION
		I-	I-	I-		CON-	DIS-	ABOVE
		FIER	TUDE	TUDE		DUCT-	SOLVED	NGVD
						ANCE	(MG/L	(FEET)
						(US/CM)	AS CL)	
						(00095)	(00940)	(72020)
264241081582401	L -1110		26 42 41 N	081 58 24 W	10-20-92	1490	350	9.60
					04-26-93	1500	350	7.20
					05-17-93	--	--	6.40
					09-13-93	--	--	9.41

Martin County

WATER RESOURCES DATA FOR FLORIDA, 1993

VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 11
MARTIN COUNTY

Index Number	Site Number	Well Name	Page Number	Index Number	Site Number	Well Name	Page
1	271010080141201	M 147	628	27	271156080141201	M 1158	631
2	270941080210301	M 933	615	28	271109080125502	M 1161	626
3	270835080105801	M 1004	614	29	271017080123501	M 1165	623
4	271109080125501	M 1010	625	30	271007080142101	M 1179	621
5	271148080141201	M 1011	630	31	270952080135202	M 1183	620
6	265822080052403	M 1039	585	32	265845080090101	M 1229	586
7	270320080073301	M 1044	602	33	265845080090102	M 1232	587
8	270124080280202	M 1048	596	34	265725080141801	M 1234	584
9	270820080111901	M 1052	613	35	270238080135201	M 1235	599
10	271018080125101	M 1055	624	36	270429080190901	M 1236	604
11	270543080084701	M 1057	606	37	270650080260101	M 1238	607
12	270012080060101	M 1070	594	38	271217080285301	M 1240	633
13	270002080063201	M 1071	592	39	270210080235502	M 1244	598
14	270002080063202	M 1072	593	40	271215080200802	M 1247	632
15	265920080163901	M 1083	588	41	270750080380301	M 1251	611
16	265937080341902	M 1086	590	42	270151080330201	M 1252	597
17	265938080342001	M 1088	591	43	270720080140201	M 1253	609
18	271127080144701	M 1090	629	44	271444080141101	M 1254	634
19	271123080135101	M 1091	627	45	270720080140202	M 1257	610
20	270309080072201	M 1092	601	46	270320080073302	M 1258	603
21	270042080061401	M 1095	595	47	270651080260701	M 1264	608
22	265920080163902	M 1096	589	48	270750080380302	M 1265	612
23	271010080122201	M 1132	622	49	270948080153202	M 1267	618
24	270952080135201	M 1141	619	50	271444080141102	M 1268	635
25	270943080145701	M 1146	616	51	270238080135202	M 1270	600
26	270943080145702	M 1147	617	52	270429080190902	M 1273	605

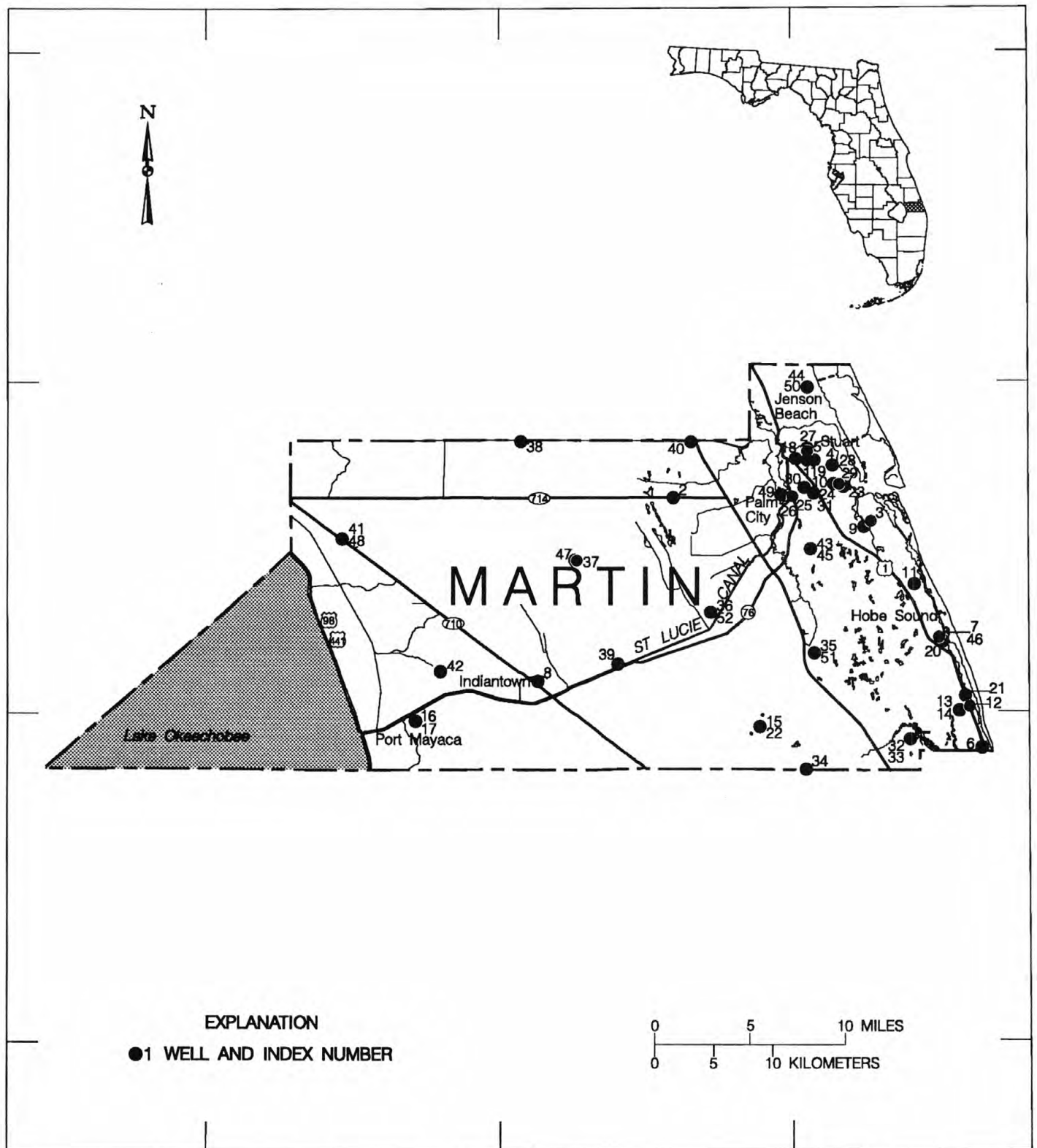


Figure 11: Location of wells in Martin County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--265725080141801. Local Number M 1234. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°57'25", long 80°14'18", in SW1/4SW1/4SW1/4 sec.18, T.40 S., R.41 E., Hydrologic Unit 03090202, 4.6 mi west of Junction of SR 706 and Florida Turnpike exit and .75 mi north on Mellon Lane and .6 mi northwest on Old Indiantown Road near Jupiter, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 6 in., depth 18 ft, cased to 18 ft. (Corrected).

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 21.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.50 ft above land-surface datum.

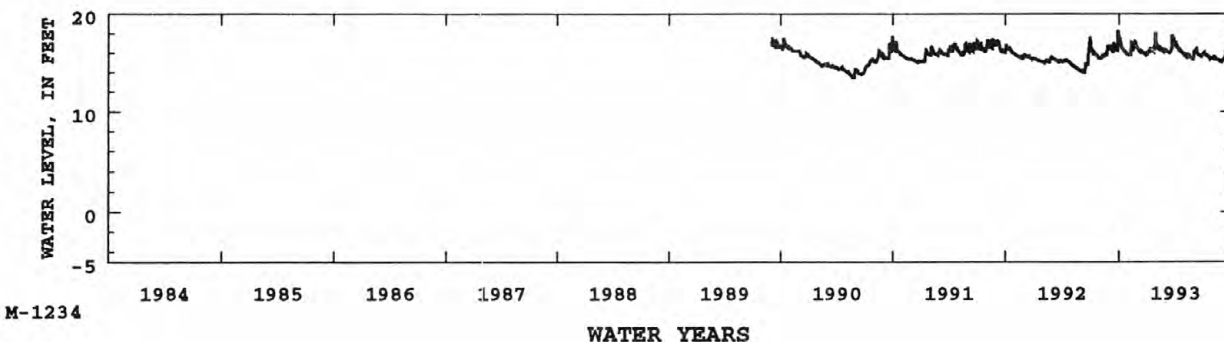
PERIOD OF RECORD.--October 1988 (semiannual), September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.28 ft NGVD, Sept. 29, 1992; lowest, 13.46 ft NGVD, May 29, 1990.

STATION NUMBER 265725080141801 M -1234
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.38	15.69	16.20	16.25	16.43	16.11	16.71	15.56	16.33	15.78	15.54	15.42
10	16.53	17.03	16.12	16.41	16.36	16.01	16.37	15.86	15.97	15.64	15.33	16.02
15	16.26	16.47	16.01	16.22	16.30	16.01	16.10	15.62	15.75	15.57	15.24	16.05
20	16.05	16.52	15.95	16.14	16.18	16.40	16.04	15.54	15.69	15.40	15.18	15.89
25	15.94	16.77	15.80	17.47	16.21	17.57	15.95	15.33	15.65	15.48	15.03	15.70
EOM	15.78	16.42	15.79	16.69	16.28	16.89	15.70	16.26	15.95	15.54	15.20	15.92
MEAN	16.40	16.45	16.01	16.45	16.35	16.52	16.23	15.61	15.90	15.59	15.28	15.74
MAX	17.52	17.26	16.35	18.06	16.60	17.79	16.92	16.26	16.34	15.96	15.62	16.05
MIN	15.78	15.68	15.79	16.02	16.12	15.98	15.70	15.26	15.59	15.35	15.03	15.19

CAL YR 1992 MEAN 15.60 MAX 18.28 MIN 13.90
WTR YR 1993 MEAN 16.04 MAX 18.06 MIN 15.03



MARTIN COUNTY

WELL NUMBER.--265822080052403. Local Number M 1039. USGS Observation Well near Tequesta, FL.

LOCATION.--Lat 26°58'22", long 80°05'24", in NW1/4SW1/4SW1/4 sec.19, T.40 S., R.43 E., Hydrologic Unit 03090202, approximately 1.5 mi north of Loxahatchee River at U.S. 1 and 0.2 mi west of U.S. 1 at County Line Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 127 ft, cased to 123 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.21 ft (corrected) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 2.00 ft above land-surface datum. Prior to October 1990, land-surface datum was 25.00 ft NGVD from Topographic map. See PERIOD OF RECORD.

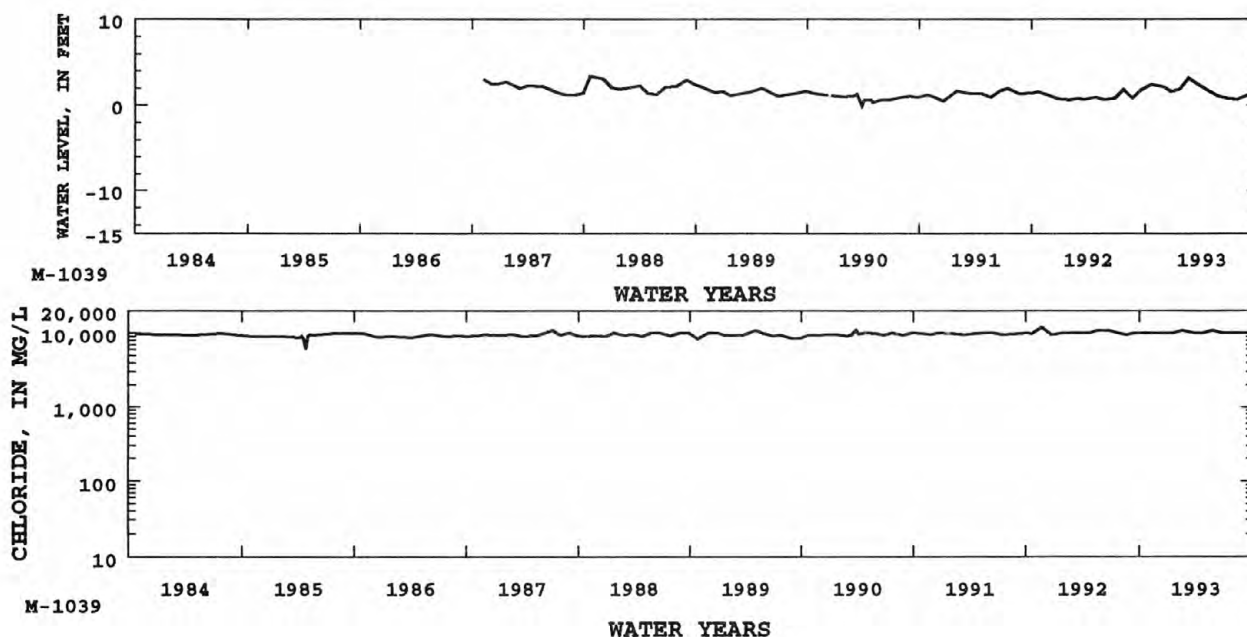
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--January 1976 to September 1985 (intermittent), October 1985 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1990 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.16 ft NGVD, Feb. 16, 1993; lowest measured, 2.85 ft below NGVD (present datum), Mar. 27, 1990.

265822080052403 - M -1039

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993								
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)
		(US/CM)					(US/CM)	
OCT					MAY			
22...	1610	29300	10000	2.47	24...	1330	30400	11000
DEC					JUN			
01...	1530	29200	10000	2.16	24...	1230	30000	10000
23...	1700	29000	10000	1.59	JUL			
JAN					28...	1330	30100	10000
21...	1055	29200	10000	1.93	AUG			
FEB					24...	1335	30100	10000
16...	1425	29400	11000	3.16	SEP			
MAR					20...	1235	29800	10000
26...	1319	29000	10000	2.26				
APR								
26...	1710	28600	10000	1.61				



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--265845080090101. Local Number M 1229. USGS Observation Well near Hobe Sound, FL.

LOCATION.--Lat 26°58'45", long 80°09'01", in NW1/4SE1/4SE1/4 sec.21, T.40 S., R.42 E., Hydrologic Unit 03090202, in Jonathan Dickinson State Park, 1.6 mi west of Loxahatchee River Road in Hobe Sound.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 150 ft, cased to 140 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft below land-surface datum.

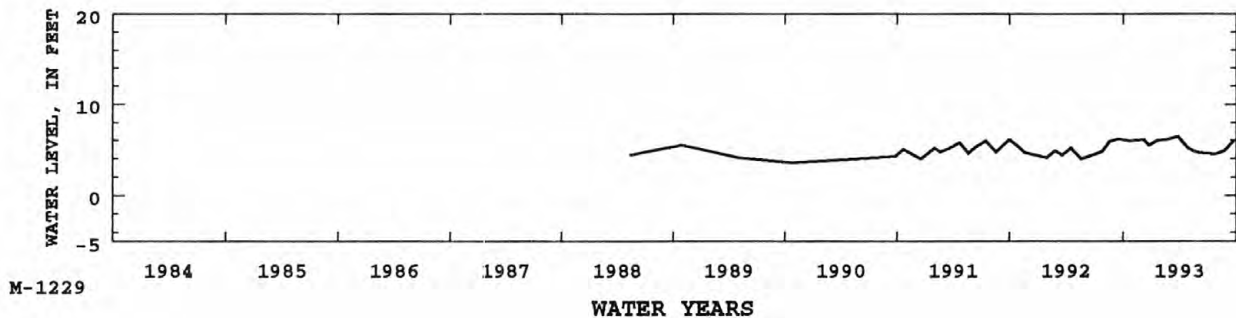
PERIOD OF RECORD.--May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.44 ft NGVD, Mar. 26, 1993; lowest measured, 3.55 ft NGVD, Oct. 23, 1989.

265845080090101 - M -1229

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
21...	100	5.96	24...	1530	4.67
DEC			JUN		
07...	1300	6.13	24...	1320	4.52
23...	1605	5.50	JUL		
JAN			28...	1400	4.50
21...	1515	6.02	AUG		
FEB			24...	1445	4.81
17...	1635	6.07	SEP		
MAR			20...	1330	5.86
26...	1535	6.44			
APR					
29...	1620	5.14			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

587

MARTIN COUNTY

WELL NUMBER.--265845080090102. Local Number M 1232. USGS Observation Well in Hobe Sound, FL.

LOCATION.--Lat 26°58'45", long 80°09'01", in NW1/4SE1/4SE1/4 sec.21, T.40 S., R.42 E., Hydrologic Unit 03090202, in Hobe Sound at the Jonathan Dickinson State Park, 1.6 mi west of Loxahatchee River Road in the south side of Riversedge Street.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 17.5 ft, cased to 17.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.72 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

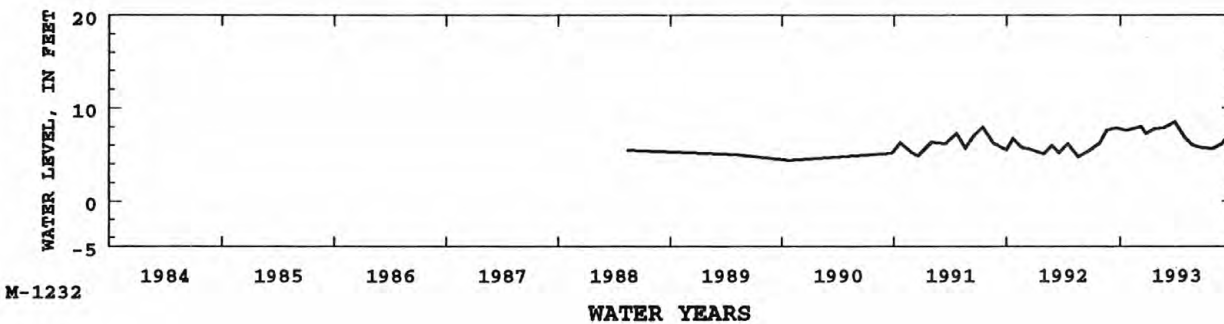
PERIOD OF RECORD.--May 1988 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.44 ft NGVD, Mar. 26, 1993; lowest measured, 4.37 ft NGVD, Oct. 23, 1989.

265845080090102 - M -1232

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
21...	0955	7.59	24...	1535	5.95
DEC			JUN		
07...	1305	7.95	24...	1325	5.65
23...	1600	7.20	JUL		
JAN			28...	1405	5.63
21...	1515	7.77	AUG		
FEB			24...	1450	6.08
17...	1650	7.82	SEP		
MAR			20...	1345	7.24
26...	1540	8.44			
APR					
29...	1625	6.71			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--265920080163901. Local Number M 1083. USGS Observation Well near Stuart, FL.

LOCATION.--Lat 26°59'20", long 80°16'39", in NW1/4SW1/4SE1/4 sec.18, T.40 S., R.41 E., Hydrologic Unit 03090202, about 9 mi south of Stuart and 4.3 mi south of junction of State Road 706 and State Road 711 on the southeast side of State Road 711.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 24 ft, cased to 19 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.90 ft above land-surface datum.

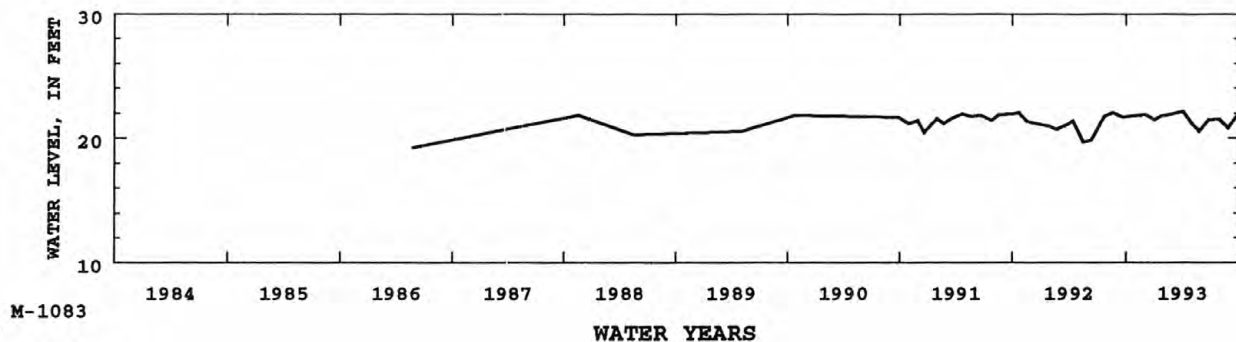
PERIOD OF RECORD.--May 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.13 ft NGVD, Apr. 2, 1993; lowest measured, 19.15 ft NGVD, May 16, 1981.

265920080163901 - M -1083

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
20...	1015	21.79	24...	1655	20.52
DEC			JUN		
03...	1050	21.87	24...	1416	21.49
31...	1145	21.49	JUL		
JAN			26...	0930	21.53
21...	0925	21.80	AUG		
FEB			24...	1535	20.82
18...	1145	21.90	SEP		
APR			20...	1440	21.80
02...	0930	22.13			
28...	0930	21.23			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

589

WELL NUMBER.--265920080163902. Local Number M 1096. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°59'20", long 80°16'39", in NW1/4SW1/4SE1/4 sec.18, T.40 S., R.41 E., Hydrologic Unit 03090202, approximately 30 ft east of Pratt Whitney Road, 5.1 mi south of State Road 708 and 3.3 mi north of State Road 706 approximately 11.5 mi west of U.S. 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 240 ft, cased to 105 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.48 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

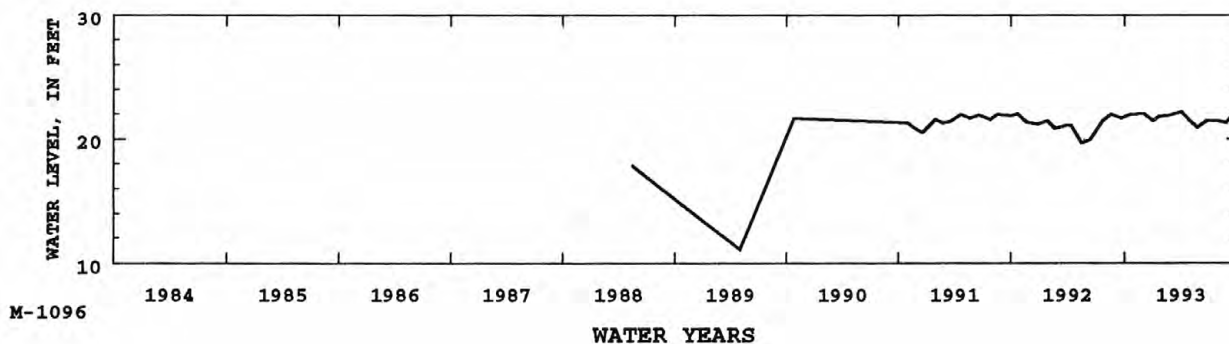
PERIOD OF RECORD.--May 1988 to October 1989 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.13 ft NGVD, Apr. 2, 1993; lowest measured, 11.11 ft NGVD, May 3, 1989.

265920080163902 - M -1096

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
20...	1020	21.95	24...	1700	20.89
DEC			JUN		
03...	1055	21.97	24...	1421	21.41
31...	1140	21.44	JUL		
JAN			26...	0935	21.40
21...	0930	21.78	AUG		
FEB			24...	1540	21.28
18...	1150	21.86	SEP		
APR			20...	1450	22.08
02...	0925	22.13			
28...	0930	21.44			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--265937080341902. Local Number M 1086. USGS Observation Well near Indiantown, FL.

LOCATION.--Lat 26°59'37", long 80°34'19", in NW1/4NW1/4SE1/4 sec.18, T.40 S., R.38 E., Hydrologic Unit 03090202, approximately 10 ft south of dirt track that leads to the Governors House approximately 50 ft southeast of M-1088, approximately .25 mi east of dirt track that crosses bridge and runs .5 mi north to gate 5 which is on south side of Kanner Highway (State Road 76).

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 45 ft, cased to 45 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 25.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft above land-surface datum.

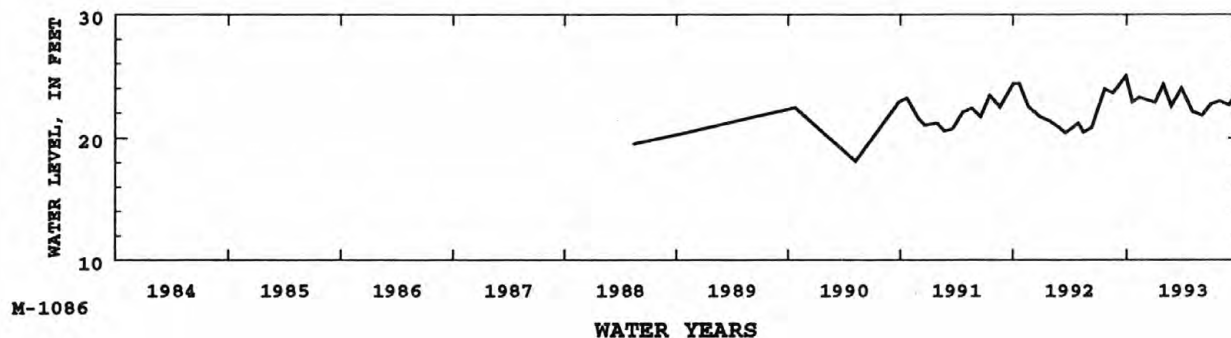
PERIOD OF RECORD.--May 1976 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.98 ft NGVD, Sept. 30, 1992; lowest measured, 18.09 ft NGVD, May 8, 1990.

265937080341902 - M -1086

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1335	22.89	30...	1130	22.08
NOV			JUN		
12...	1420	23.27	01...	1348	21.79
DEC			30...	1330	22.72
31...	1330	22.81	JUL		
JAN			28...	1405	22.95
28...	1250	24.30	AUG		
FEB			26...	1345	22.65
22...	1455	22.55	SEP		
MAR			23...	1135	23.62
26...	1130	23.96			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

591

WELL NUMBER.--265938080342001. Local Number M 1088. USGS Observation Well near Indiantown, FL.

LOCATION.--Lat 26°59'38", long 80°34'20", in NW1/4NW1/4SE1/4 sec.18, T.40 S., R.38 E., Hydrologic Unit 03090202, approximately 10 ft north of dirt track that leads to the Governors House, approximately 50 ft northwest of M-1088, approximately .25 mi east of dirt track that crosses bridge and runs .5 mi north to gate 5 which is on south side of Kanner Highway (State Road 76), approximately 8 mi west of Indiantown.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 180 ft, cased to 105 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.13 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

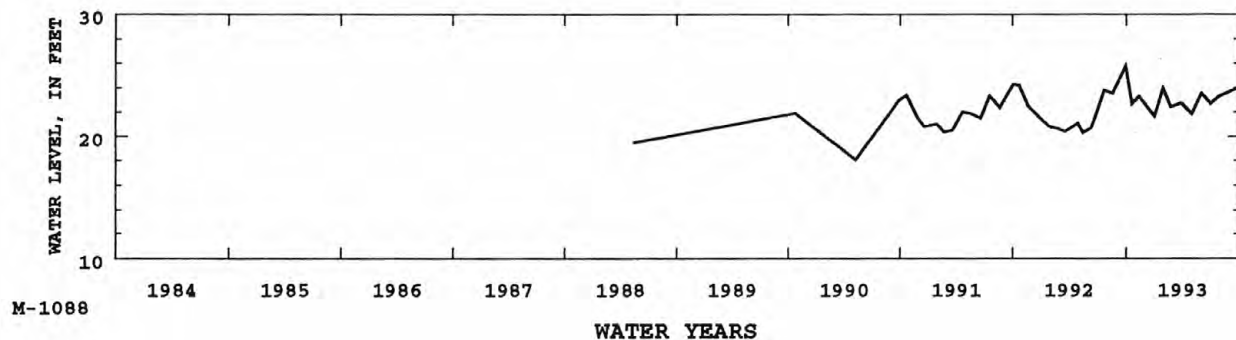
PERIOD OF RECORD.--May 1988 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.73 ft NGVD, Sept. 30, 1992.; lowest measured, 18.07 ft NGVD, May 8, 1990.

265938080342001 - M -1088

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1340	22.71	30...	1135	21.88
NOV			JUN		
12...	1430	23.23	01...	1343	23.50
DEC			30...	1323	22.67
31...	1340	21.65	JUL		
JAN			28...	1400	23.23
28...	1255	23.92	AUG		
FEB			26...	1350	23.64
22...	1505	22.43	SEP		
MAR			23...	1130	23.93
26...	1140	22.75			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--270002080063201. Local Number M 1071. USGS Observation Well in Hobe Sound, FL.

LOCATION.--Lat 27°00'02", long 80°06'32", in SW1/4SW1/4SW1/4 sec.12, T.40 S., R.42 E., Hydrologic Unit 03090202, at the Jonathan Dickinson State Park, 0.7 mi south of road to dock crossing with railroad track along former U.S. Highway 1, now a park trail road paralleling the railway.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 118 ft, cased to 114 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

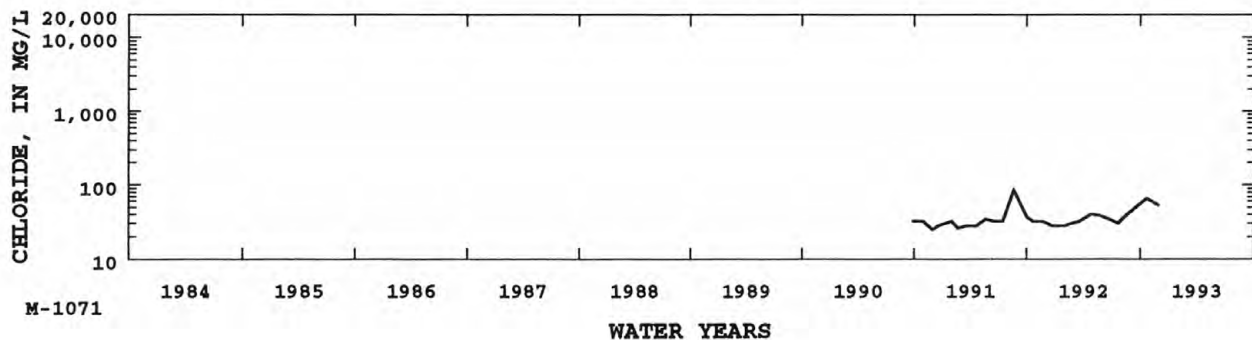
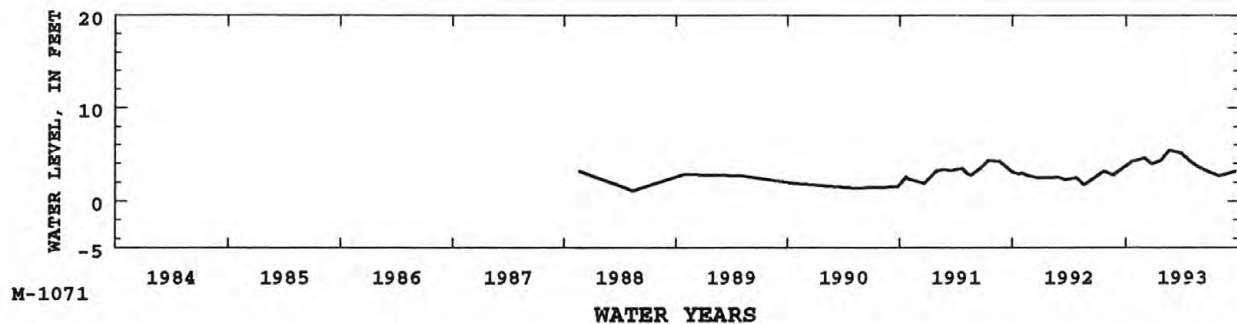
REMARKS.--Well also used for salinity monitoring September 1990 to November 1992.

PERIOD OF RECORD.--December 1975 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.40 ft NGVD, Feb. 16, 1993; lowest measured, 1.07 ft NGVD, May 13, 1988.

270002080063201 - M -1071

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
22...	1450	569	66	4.21	29...	1650	--	--	4.16
NOV					MAY				
30...	1315	530	53	4.54	24...	1220	--	--	3.61
DEC					JUN				
23...	1715	--	--	3.93	24...	1210	--	--	3.07
JAN					JUL				
21...	1035	--	--	4.25	28...	1250	--	--	2.66
FEB					AUG				
16...	1400	--	--	5.40	24...	1320	--	--	2.90
MAR					SEP				
26...	1300	--	--	5.14	20...	1210	--	--	3.14



MARTIN COUNTY

WELL NUMBER.--270002080063202. Local Number M 1072. USGS Observation Well in Hobe Sound, FL.

LOCATION.--Lat 27°00'02", long 80°06'32", in SW1/4SW1/4SW1/4 sec.12, T.40 S., R.42 E., Hydrologic Unit 03090202, at the Jonathan Dickson State Park 0.7 mi south of road to dock crossing with railroad track along former U.S. Highway 1, now a park trail road paralleling the railway.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 34 ft, cased to 30 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

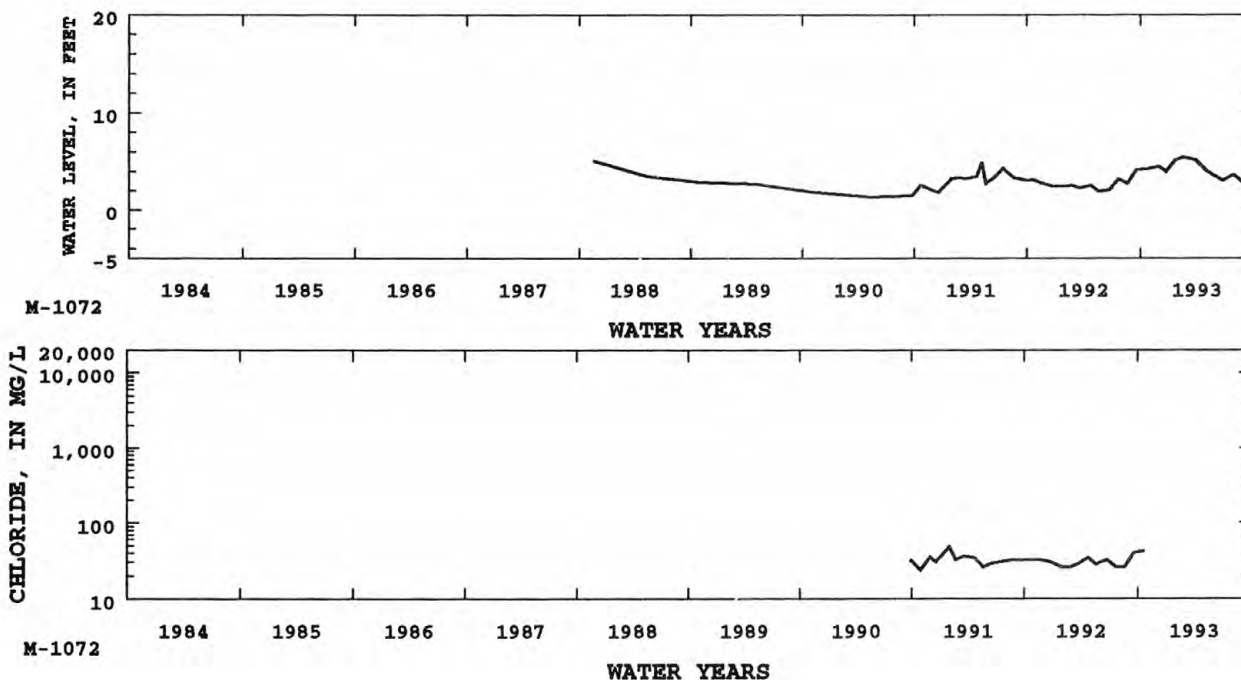
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--May 1982 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.46 ft NGVD, Feb. 16, 1993; lowest measured, 1.37 ft NGVD, May 7, 1990.

270002080063202 - M -1072

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS CL)	(FEET)				AS CL)	(FEET)			
OCT					APR				
22...	1500	431	42	4.24	29...	1650	--	--	4.18
NOV					MAY				
30...	1325	--	--	4.52	24...	1225	--	--	3.67
DEC					JUN				
23...	1710	--	--	3.97	24...	1215	--	--	3.07
JAN					JUL				
21...	1030	--	--	5.16	28...	1255	--	--	3.65
FEB					AUG				
16...	1405	--	--	5.46	24...	1325	--	--	2.91
MAR					SEP				
26...	1305	--	--	5.20	20...	1215	--	--	3.11



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--270012080060101. Local Number M 1070. USGS Observation Well near Tequesta, FL.

LOCATION.--Lat 27°00'12", long 80°06'01", in NW1/4SW1/4SE1/4 sec.12, T.40 S., R.42 E., Hydrologic Unit 03090202, approximately 4 mi north of Loxahatchee River Bridge on U.S. 1 at Jupiter, FL at gate entrance to Jonathan Dickinson Park.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 310 ft, cased to 116 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.94 ft (corrected) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 0.1 ft above land-surface datum. Prior to October 1990, land-surface datum was considered to be 21.00 ft NGVD. See PERIOD OF RECORD.

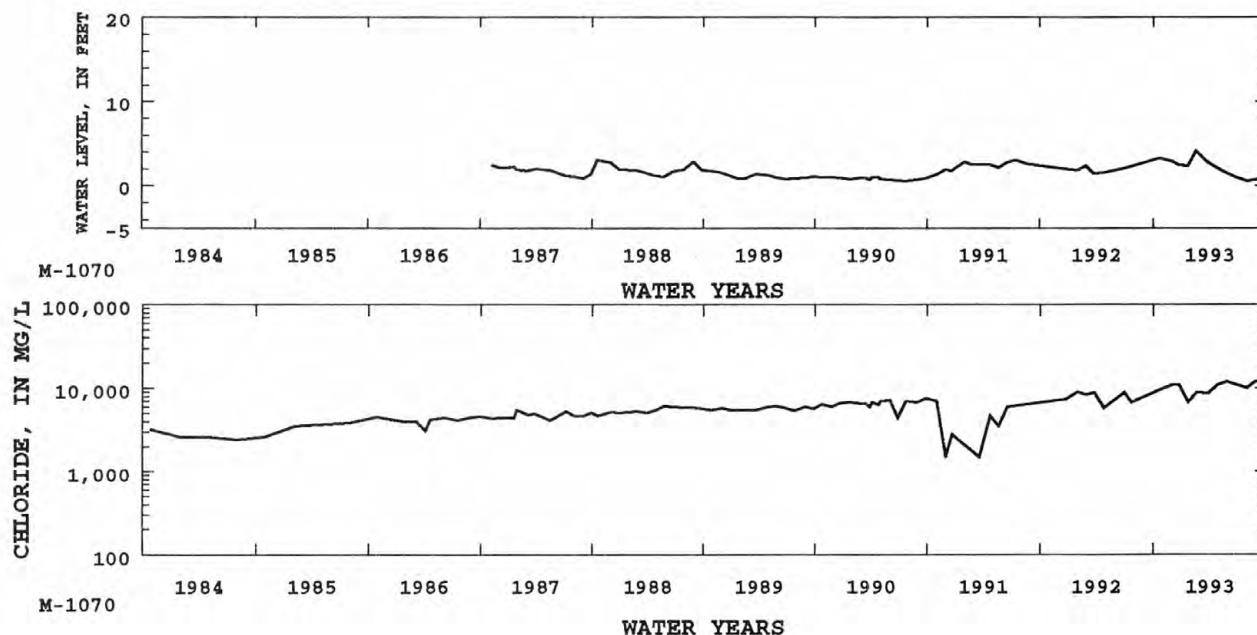
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--January 1986 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1990 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.91 ft NGVD (present datum), Oct. 26, 1983; lowest measured, 0.52 ft NGVD (present datum), July 23, 1990 (Corrected).

270012080060101 - M -1070

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAY				
22...	1425	27800	9500	3.27	24...	1200	32800	12000	1.52
DEC					JUN				
01...	--	30800	11000	2.89	24...	1150	32000	11000	0.99
23...	1730	30800	11000	2.42	JUL				
JAN					28...	1310	29800	10000	0.55
21...	1005	20200	6800	2.38	AUG				
FEB					24...	1255	32400	12000	0.73
16...	1320	26300	8900	4.08	SEP				
MAR					20...	1145	31300	12000	0.85
26...	1215	26300	8700	2.70					
APR									
26...	1635	32300	11000	2.08					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

595

WELL NUMBER.--270042080061401. Local Number M 1095. USGS Observation Well near Hobe Sound, FL.

LOCATION.--Lat 27°00'42", long 80°06'14", in SW1/4NE1/4NW1/4 sec.12, T.40 S., R.42 E., Hydrologic Unit 03090202, approximately 5 mi north of Jupiter, FL on U.S. 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 240 ft, cased to 95 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 30.65 ft (corrected) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing 0.1 ft above land-surface datum. Prior to October 1990 land-surface datum was considered to be 32.00 ft NGVD. See PERIOD OF RECORD.

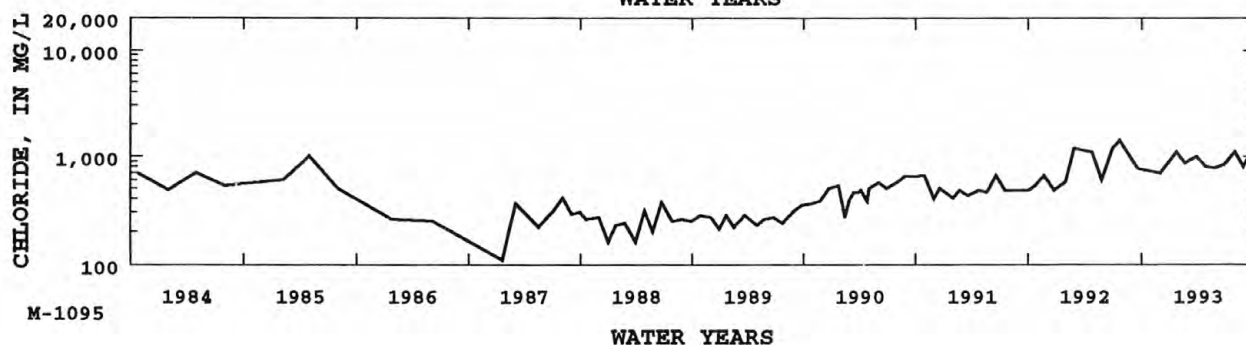
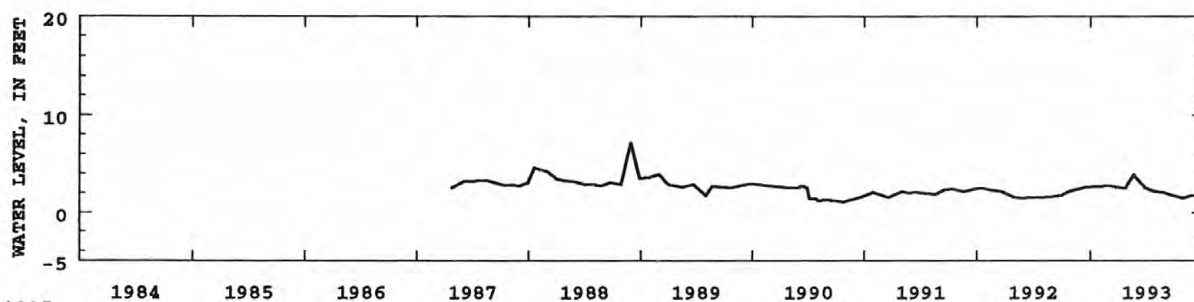
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--May 1981 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1990 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.30 ft NGVD (present datum), Oct. 26, 1983; lowest measured, 0.25 ft NGVD (present datum), July 23, 1990. (Correction).

270042080061401 - M -1095

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ABOVE	ANCE	ANCE	CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
(US/CM)	(US/CM)	(MG/L	(MG/L	(FEET)	(US/CM)	(US/CM)	(MG/L	(MG/L	(FEET)
		AS CL)	AS CL)				AS CL)	AS CL)	
NOV					MAY				
30...	1345	2500	700	2.75	24...	1145	2960	780	2.05
JAN					JUN				
21...	0945	3880	1100	2.46	24...	1130	3020	850	1.76
FEB					JUL				
16...	1300	3110	870	3.85	28...	1245	3960	1100	1.51
MAR					AUG				
26...	1200	2830	1000	2.57	24...	1235	2810	800	1.79
APR					SEP				
26...	1620	2780	800	2.16	20...	1120	4050	1100	1.82



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--270124080280202. Local Number M 1048. USGS Observation Well at Indiantown, FL.

LOCATION.--Lat 27°01'24", long 80°28'02", in NE1/4SE1/4 sec.6, T.40 S., R.39 E., Hydrologic Unit 03090202, near Civic Club in Indiantown, and 0.1 mi northeast of State Road 710.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 80 ft, cased to 25 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 32.78 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.85 ft above land-surface datum. (Corrected).

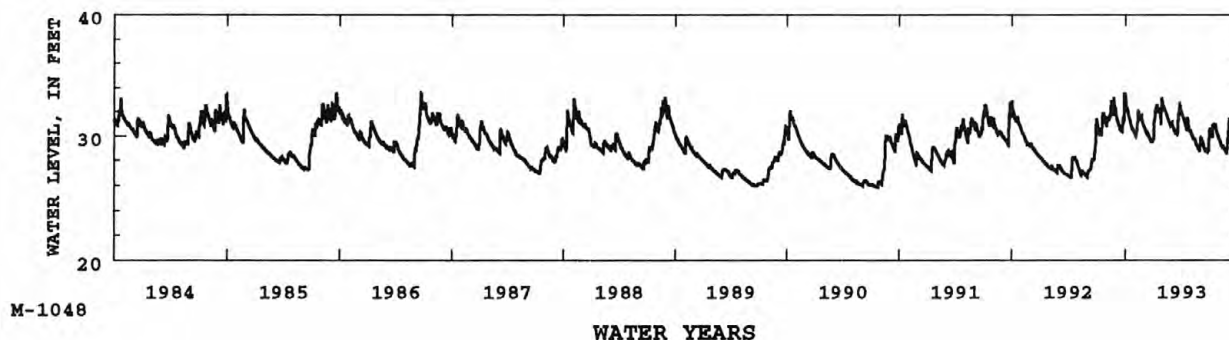
PERIOD OF RECORD.--March 1975 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1, 1990 are in error. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 33.59 ft NGVD, Sept. 3, 1980; lowest, 25.11 ft NGVD, Apr. 28, 1976.

STATION NUMBER 270124080280202 M -1048
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	32.00	30.21	30.44	32.11	---	30.62	---	29.85	29.53	30.08	29.26	30.74
10	31.86	31.86	30.28	32.65	---	30.27	---	29.86	29.10	30.86	29.10	30.84
15	31.33	31.45	29.97	---	---	30.29	30.59	29.45	29.03	30.97	28.97	30.55
20	30.79	31.32	29.71	---	---	31.32	31.09	29.21	28.74	30.50	28.69	30.42
25	30.52	31.17	29.53	32.97	30.90	32.82	30.41	28.93	28.90	30.00	29.61	30.13
EOM	30.24	30.77	29.79	---	31.03	---	30.23	29.81	30.56	29.61	31.49	29.84
MEAN	31.33	31.12	30.01	---	---	---	---	29.49	29.31	30.38	29.38	30.53
MAX	33.33	32.17	30.73	---	---	---	---	30.17	30.56	30.97	31.49	31.26
MIN	30.24	30.00	29.52	---	---	---	---	28.75	28.70	29.61	28.53	29.84

CAL YR 1992 MEAN 29.30 MAX 33.53 MIN 26.65



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

597

WELL NUMBER.--270151080330201. Local Number M 1252. USGS Observation Well near Indiantown, FL.

LOCATION.--Lat 27°01'51", long 80°33'02", in SW1/4SE1/4SE1/4 sec.32, T.39 S., R.38 E., Hydrologic Unit 03090202, approximately 5.5 mi west of State Road 710 in Indiantown on West Farms Road and 36 ft off center line of road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 148 ft, cased to 87.8 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 24.14 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.15 ft above land-surface datum.

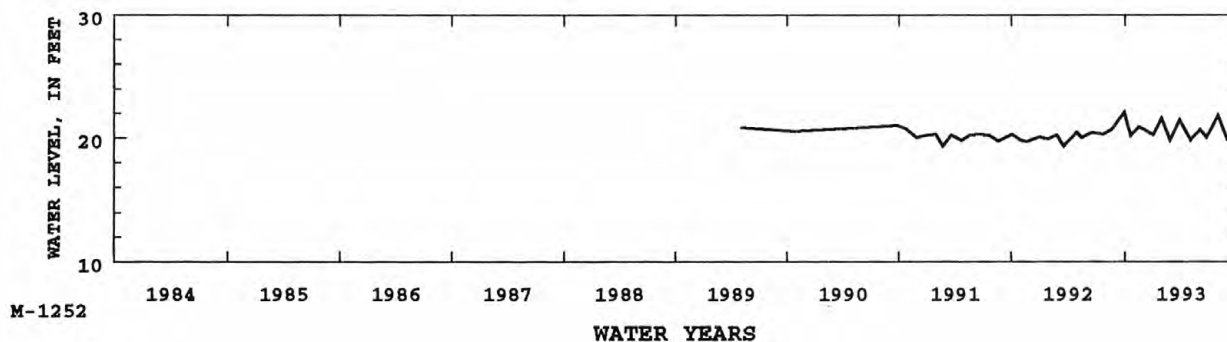
PERIOD OF RECORD.--May 1989 to September 1990 (intermittent), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 22.02 ft NGVD, Sept. 30, 1992; lowest measured, 19.33 ft NGVD, Feb. 21, 1991 and Mar. 19, 1992.

270151080330201 - M -1252

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1415	20.14	30...	1225	19.81
NOV			JUN		
16...	1230	20.91	01...	1437	20.61
DEC			21...	1030	20.01
31...	1445	20.21	JUL		
JAN			28...	1445	21.76
28...	1145	21.55	AUG		
FEB			26...	1515	19.84
22...	1550	19.79	SEP		
MAR			23...	1205	20.06
26...	1215	21.39			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--270210080235502. Local Number M 1244. USGS Observation Well near Indiantown, FL.

LOCATION.--Lat 27°02'10", long 80°23'55", in NE1/4NW1/4SW1/4 sec.36, T.39 S., R.39 E., Hydrologic Unit 03090202, 4.3 mi northeast of Indiantown on State Road 726, 32 ft southwest of phone box on southeast side of the highway.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 30 ft, cased to 30 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 33.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

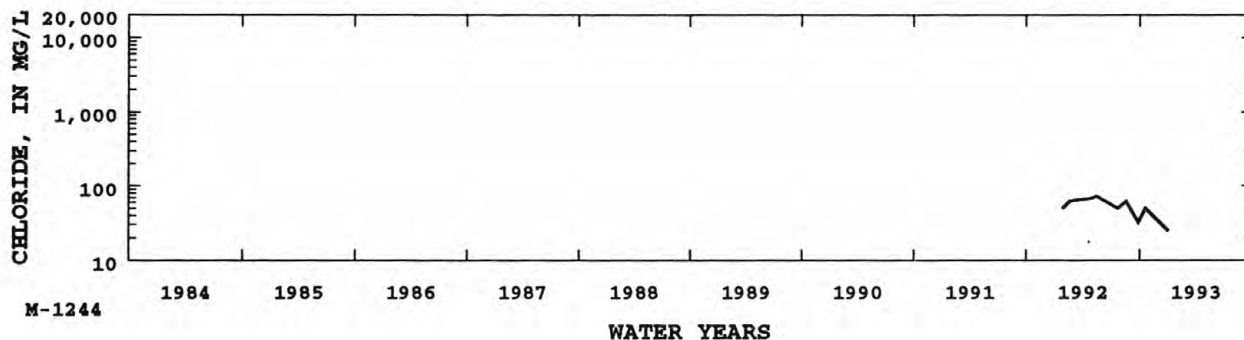
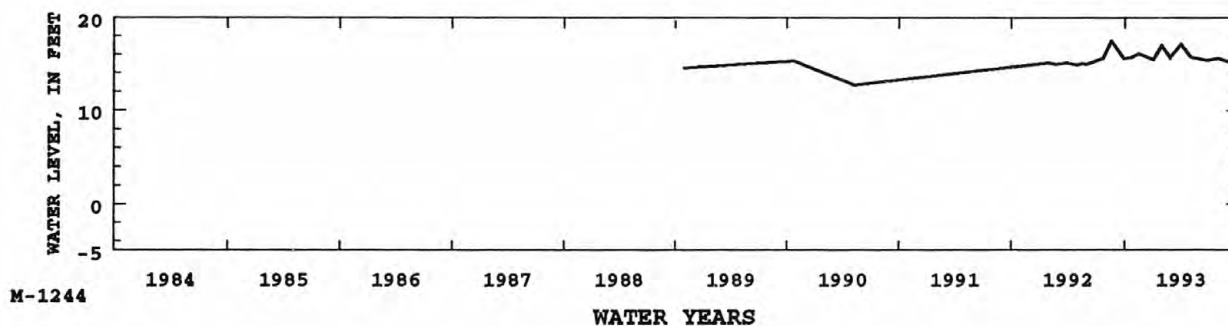
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--October 1988 to May 1990 (intermittent), January 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.45 ft NGVD, Aug. 18, 1992; lowest measured, 12.72 ft NGVD, May 8, 1990.

270210080235502 - M -1244

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
20...	1100	828	50	15.65	30...	0950	--	--	15.67
NOV					JUN				
16...	1125	--	--	16.03	01...	1230	--	--	15.46
DEC					21...	0945	--	--	15.36
31...	1220	750	25	15.43	JUL				
JAN					28...	1310	--	--	15.52
28...	1515	--	--	16.97	AUG				
FEB					26...	1318	--	--	15.20
22...	1300	--	--	15.65	SEP				
MAR					23...	1040	--	--	15.82
30...	1800	--	--	17.10					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

599

WELL NUMBER.--270238080135201. Local Number M 1235. USGS Observation Well near Hobe Sound, FL.

LOCATION.--Lat 27°02'38", long 80°13'52", in SW1/4SW1/4SE1/4 sec.27, T.39 S., R.41 E., Hydrologic Unit 03090202, on north side of Bridge Road, (State Road 708), 30 ft north of ditch, 64 ft west of dirt road that enters a gravel pit, approximately 3 ft east of M-1270.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 160 ft, cased to 160 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.80 ft above land-surface datum.

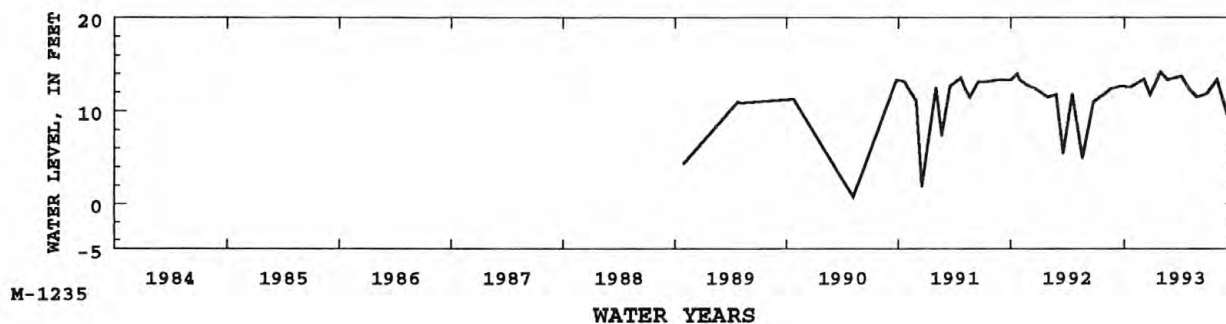
PERIOD OF RECORD.--October 1988 to October 1990 (semiannual), November 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.18 ft NGVD, Jan. 26, 1993; lowest measured, 0.72 ft NGVD, May 7, 1990.

270238080135201 - M -1235

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
21...	0920	12.54	24...	1715	11.44
DEC			JUN		
02...	1240	13.40	24...	1403	11.82
23...	1150	11.76	JUL		
JAN			28...	1450	13.30
26...	1430	14.18	AUG		
FEB			24...	1555	10.01
17...	1235	13.31	SEP		
APR			20...	1500	13.08
02...	0715	13.73			
28...	0916	12.26			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--270238080135202. Local Number M 1270. USGS Observation Well near Hobe Sound, FL.

LOCATION.--Lat 27°02'38", long 80°13'52", in SW1/4SW1/4SE1/4 sec.27, T.39 S., R.41 E., Hydrologic Unit 03090202, on northside of Bridge Road (State Road 78), 30 ft north of ditch, 64 ft west of dirt road that enters gravel pit, approximately 3 ft west of M-1235; 0.3 mi east of Interstate 95, approximately 6.5 mi west of U.S. 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 21 ft, cased to 21 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

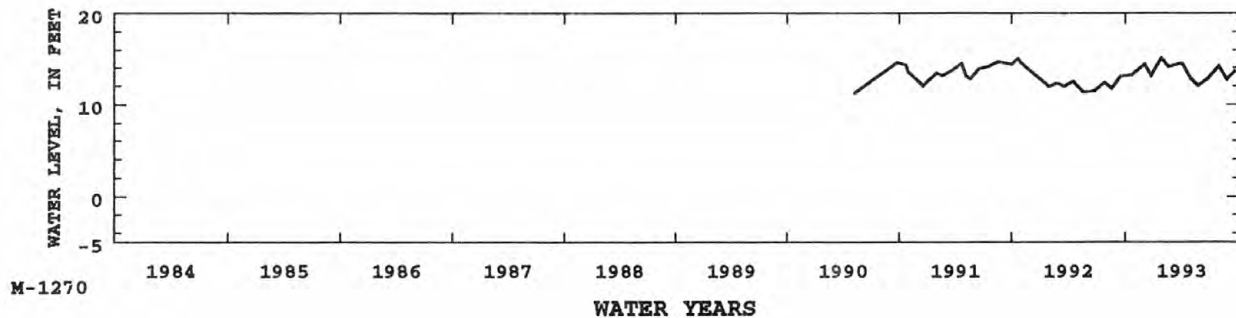
PERIOD OF RECORD.--May 1990 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.10 ft NGVD, Jan. 26, 1993; lowest measured, 11.16 ft NGVD, May 7, 1990.

270238080135202 - M -1270

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
21...	0910	13.22	24...	1720	12.01
DEC			JUN		
02...	1245	14.39	24...	1443	12.77
23...	1200	13.09	JUL		
JAN			28...	1445	14.14
26...	1440	15.10	AUG		
FEB			24...	1550	12.72
17...	1225	14.12	SEP		
APR			20...	1505	13.65
02...	0720	14.53			
28...	0916	12.87			



MARTIN COUNTY

WELL NUMBER.--270309080072201. Local Number M 1092. USGS Observation Well in Hobe Sound, FL.

LOCATION.--Lat 27°03'09", long 80°07'22", in NW1/4SW1/4NW1/4 sec.26, T.39 S., R.42 E., Hydrologic Unit 03090202, approximately 1.0 mi south of Junction of State Road 708 and A1A in Hobe Sound, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 260 ft, cased to 155 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 7.02 ft (correction) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.1 ft above land-surface datum. Prior to October 1989 land-surface datum was considered to be 9.00 ft NGVD from Topographic map. See PERIOD OF RECORD.

REMARKS.--Well is used for salinity monitoring.

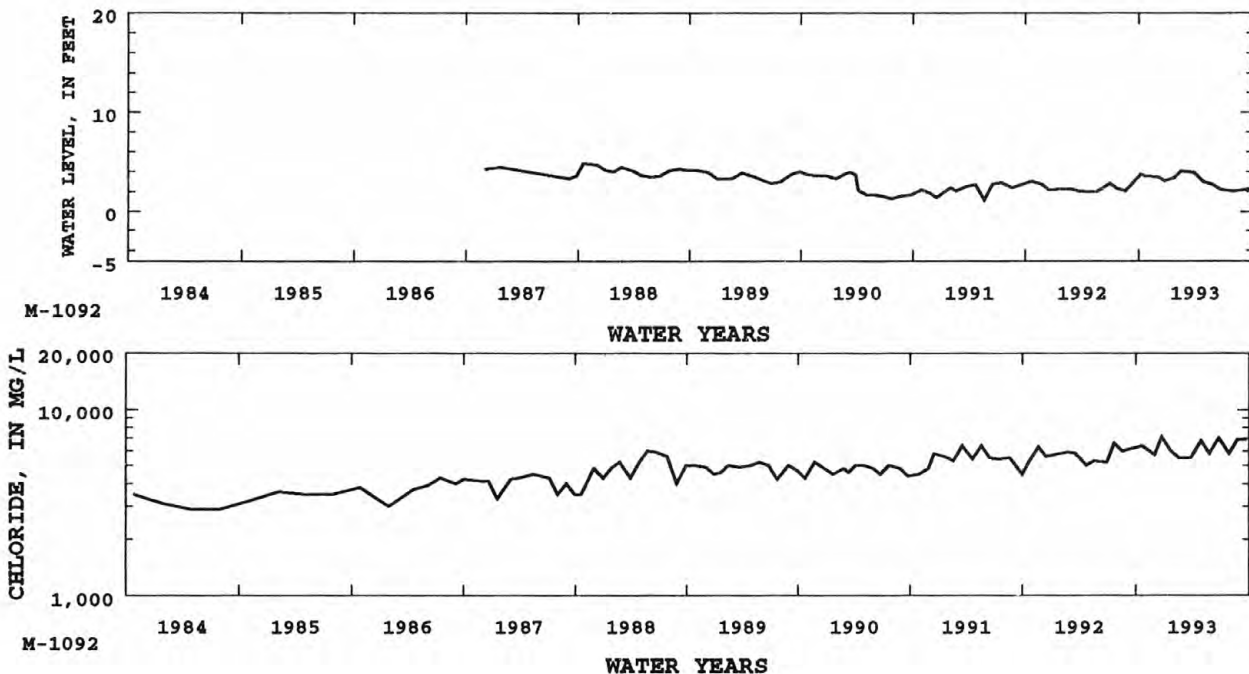
PERIOD OF RECORD.--November 1976 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1989 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.11 ft NGVD (present datum) Oct. 26, 1983; lowest measured, 1.17 ft NGVD, May 20, 1991.

270309080072201 - M -1092

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
07...	1220	--	--	3.77	28...	0845	19700	6800	2.98
22...	1520	18900	6400	3.53	MAY				
NOV					24...	1120	16800	5800	2.77
30...	1215	15200	5700	3.46	JUN				
DEC					24...	1055	20500	7000	2.19
23...	1030	20600	7100	3.07	JUL				
JAN					28...	1145	17100	5800	2.01
21...	0925	17800	6000	3.32	AUG				
FEB					24...	1215	19600	6900	2.13
16...	1235	16200	5500	4.06	SEP				
MAR					20...	1100	19800	6900	2.24
26...	1140	16500	5500	3.90					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--270320080073301. Local Number M 1044. USGS Observation Well in Hobe Sound, FL.

LOCATION.--Lat 27°03'20", long 80°07'33", in NE1/4NE1/4NE1/4 sec.27, T.39 S., R.42 E., Hydrologic Unit 03090202, approximately 0.5 mi south of intersection of A1A and State Road 708 in Hobe Sound, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 200 ft, cased to 163 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.71 ft (corrected) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum. Prior to October 1988, land-surface datum was considered to be 11.00 ft NGVD, from topographic map. See PERIOD OF RECORD.

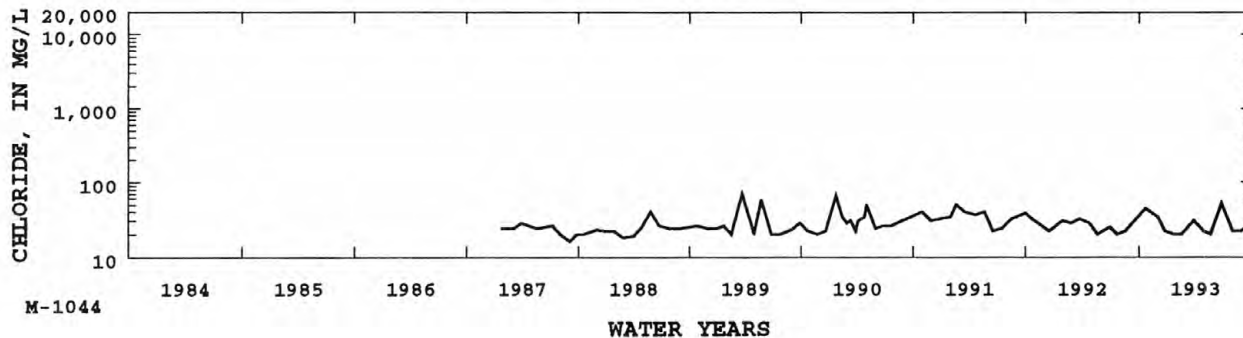
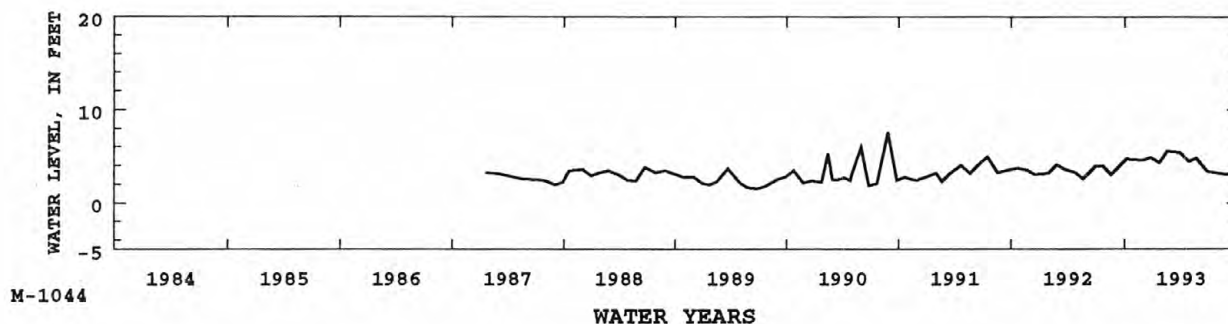
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--November 1974 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1988 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.53 ft NGVD, Aug. 27, 1990; lowest measured, 1.50 ft NGVD, June 26, 1989.

270320080073301 - M -1044

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
07...	1235	--	--	4.69	26...	1515	469	22	4.45
22...	1535	510	44	4.64	MAY				
NOV					20...	1050	477	20	4.74
30...	1200	427	34	4.58	JUN				
DEC					24...	1035	593	52	3.36
23...	1010	470	22	4.83	JUL				
JAN					28...	1125	462	22	3.19
21...	0910	453	20	4.31	AUG				
FEB					24...	1155	474	22	3.04
16...	1210	445	20	5.57	SEP				
MAR					20...	1030	436	26	3.28
26...	1110	481	30	5.39					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

603

WELL NUMBER.--270320080073302. Local Number M 1258. USGS Observation Well in Hobe Sound, FL.

LOCATION.--Lat 27°03'20", long 80°07'33", in NE1/4NE1/4NE1/4 sec.27, T.39 S., R.42 E., Hydrologic Unit 03090202, meter box on grassy median between A1A and Vulcan Avenue, 90 ft north of Saturn Street and 4 ft north of M-1044, approximately 0.5 mi east of U.S. 1 in Hobe Sound.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 19 ft, cased to 18.2 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

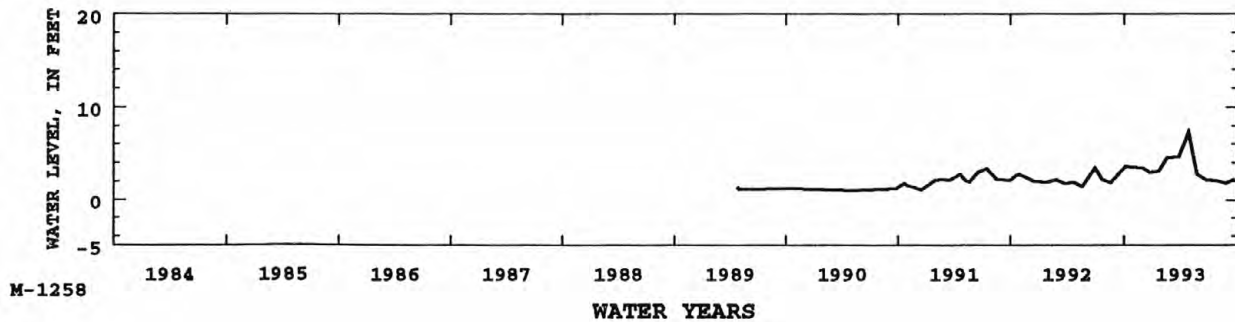
PERIOD OF RECORD.--April 1989 to September 1990 (semiannual), September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.30 ft NGVD, Apr. 26, 1993; lowest measured, 1.03 ft NGVD, May 7, 1990.

270320080073302 - M -1258

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
07...	1230	3.67	26...	1515	7.30
22...	1530	3.49	MAY		
NOV			24...	1045	2.74
30...	1155	3.44	JUN		
DEC			24...	1030	2.09
23...	1000	2.92	JUL		
JAN			28...	1130	2.03
21...	0905	3.11	AUG		
FEB			24...	1150	1.80
16...	1200	4.52	SEP		
MAR			20...	1025	2.17
26...	1100	4.64			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--270429080190901. Local Number M 1236. USGS Observation Well near Palm City, FL.

LOCATION.--Lat 27°04'29", long 80°19'09", in NE1/4NE1/4NE1/4 sec.22, T.39 S., R.40 E., Hydrologic Unit 03090202, on west side of Citrus Boulevard (State Road 726), 11 ft east of Becker Grove Fence, 18 ft south of dirt entrance road, 1.0 ft north of M-1273 and 1.0 mi south of State Road 76A, 3 1/2 mi southwest of Palm City.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 140 ft, cased to 105 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 24.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

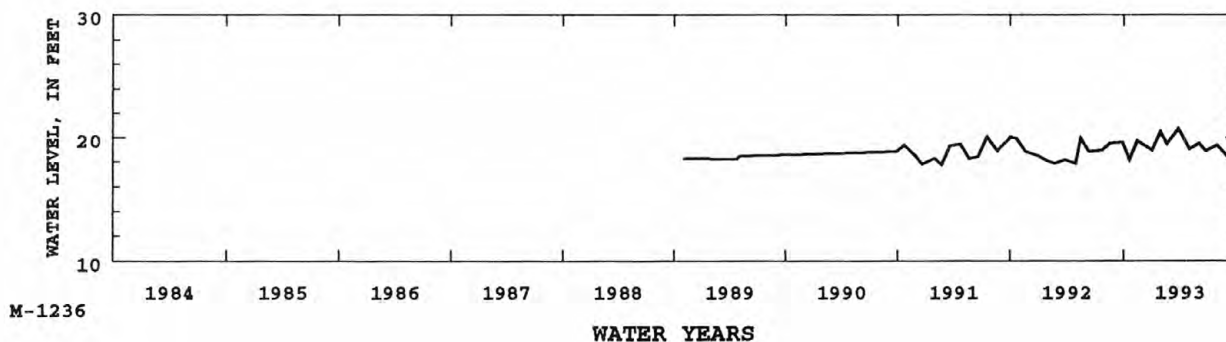
PERIOD OF RECORD.--October 1988 to September 1990, October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.74 ft NGVD, Mar. 26, 1993; lowest measured, 12.05 ft NGVD, May 8, 1990.

270429080190901 - M -1236

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1040	18.20	30...	0940	19.06
NOV			JUN		
13...	1140	19.72	01...	1210	19.52
DEC			21...	0935	18.92
31...	1200	18.97	JUL		
JAN			28...	1255	19.39
28...	1235	20.44	AUG		
FEB			26...	1303	18.55
18...	1320	19.50	SEP		
MAR			23...	1020	19.43
26...	0934	20.74			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

605

WELL NUMBER.--270429080190902. Local Number M 1273. USGS Observation Well near Palm City, FL.

LOCATION.--Lat 27°04'29", long 80°19'09", in NE1/4NE1/4NE1/4 sec.22, T.39 S., R.40 E., Hydrologic Unit 03090202, on west side of Citrus Boulevard (State Road 726) 11 ft east of Becker Grove Fence 18 ft south of dirt entrance road, 1.0 ft south of M-1236 and 1.0 mi south of State Road 76A, 3 1/2 mi southwest of Palm City.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 19.5 ft, cased to 19.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 25.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

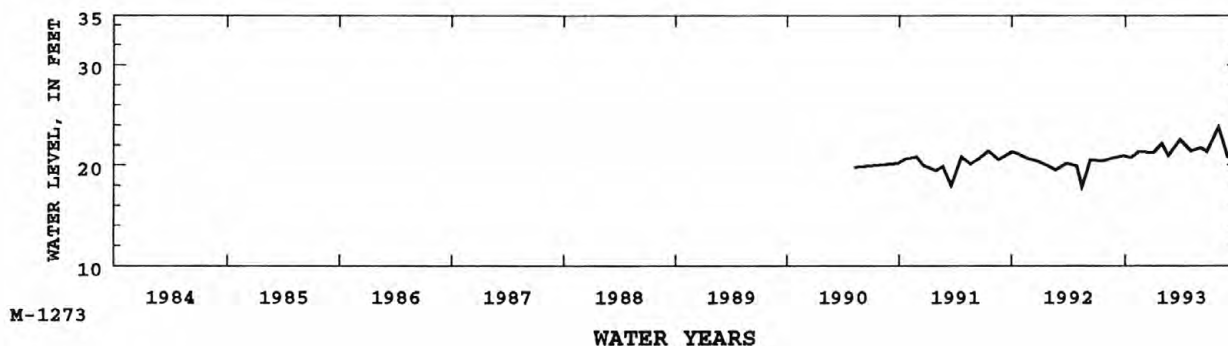
PERIOD OF RECORD.--May 1990 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.75 ft NGVD, July 28, 1993; lowest measured, 17.80 ft NGVD, May 15, 1992.

270429080190902 - M -1273

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1025	20.76	30...	0945	21.40
NOV			JUN		
13...	1145	21.30	01...	1210	21.69
DEC			21...	0940	21.32
31...	1210	21.25	JUL		
JAN			28...	1300	23.75
28...	1245	22.12	AUG		
FEB			26...	1303	20.80
18...	1325	20.95	SEP		
MAR			23...	1020	21.00
26...	0935	22.50			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--270543080084701. Local Number M 1057. USGS Observation Well in Hobe Sound, FL.

LOCATION.--Lat 27°05'43", long 80°08'47", in Gomez Grant, T.39 S., R.42 E., Hydrologic Unit 03090202, on the grass in front yard of home number 7990 Crossrip Road, 0.1 mi east of Route A1A in Hobe Sound.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 75 ft, cased to 69 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.1 ft above land-surface datum.

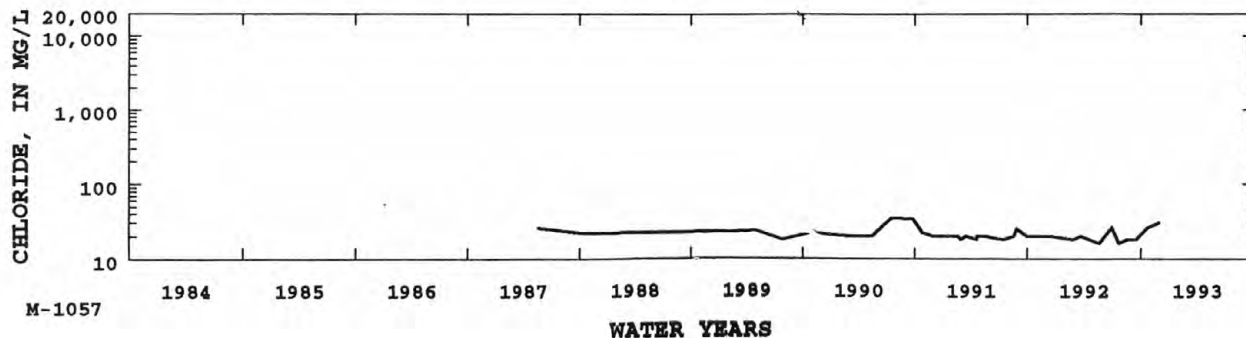
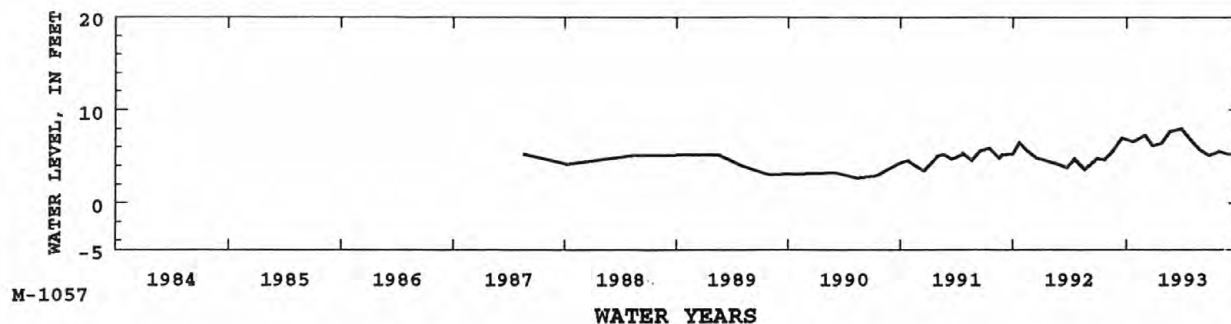
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--May 1987 to October 1987 (semiannual), May 1988 to December 1991 (intermittent), February 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.95 ft NGVD, Mar. 26, 1993; lowest measured, 2.68 ft NGVD, May 14, 1990.

270543080084701 - M -1057

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT					APR				
22...	1545	380	26	6.58	26...	1426	--	--	6.75
NOV					MAY				
30...	1100	391	30	7.25	24...	1030	--	--	5.73
DEC					JUN				
23...	0945	--	--	6.18	24...	1005	--	--	5.10
JAN					JUL				
21...	0855	--	--	6.37	28...	1115	--	--	5.51
FEB					AUG				
16...	1145	--	--	7.69	24...	1100	--	--	5.23
MAR					SEP				
26...	1045	--	--	7.95	20...	1015	--	--	5.16



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

607

WELL NUMBER.--270650080260101. Local Number M 1238. USGS Observation Well near Indiantown, FL.

LOCATION.--Lat 27°06'50", long 80°26'01", in NE1/4SE1/4NE1/4 sec.4, T.39 S., R.39 E., Hydrologic Unit 03090202, 25 ft south of centerline of dirt road through grove block 812, in first row under sand 6.15 mi north of Indiantown Airfield and Citrus Boulevard (State Road 726) on main canal road into Coca Cola Orange Groves. Grove entrance is on State Road 726 1.75 mi east of State Road 710 near Indiantown.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 122 ft, cased to 122 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

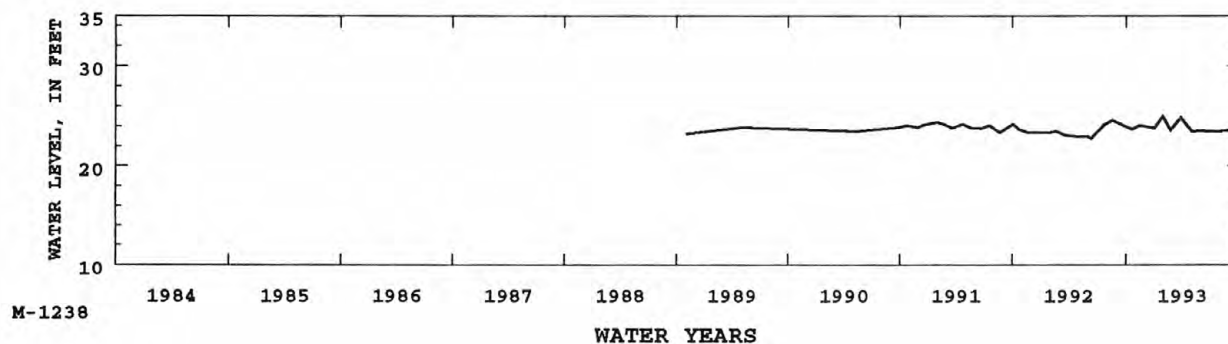
PERIOD OF RECORD.--October 1988 to May 1989, May 1990 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.95 ft NGVD, Jan. 28, 1993; lowest measured, 22.74 ft NGVD, June 12, 1992.

270650080260101 - M -1238

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1155	23.66	30...	1025	23.45
NOV			JUN		
13...	1445	24.06	01...	1300	23.53
DEC			21...	1008	23.48
31...	1300	23.76	JUL		
JAN			28...	1330	23.49
28...	1450	24.95	SEP		
FEB			23...	1055	23.68
22...	1330	23.61			
MAR					
26...	1115	24.85			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--270651080260701. Local Number M 1264. USGS Observation Well in Indiantown, FL.

LOCATION.--Lat 27°06'51", long 80°26'07", in SW1/4NE1/4NE1/4 sec.4, T.39 S., R.39 E., Hydrologic Unit 03090202, 1.75 mi northeast along County Road 726 from the intersection with State Road 710, in Indiantown 6.35 mi north along dirt road into Coca Cola Groves, and 0.15 mi west on north side of dirt road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 17.7 ft, cased to 16 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 25.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.00 ft above land-surface datum.

REMARKS.--Well discontinued in July 1993.

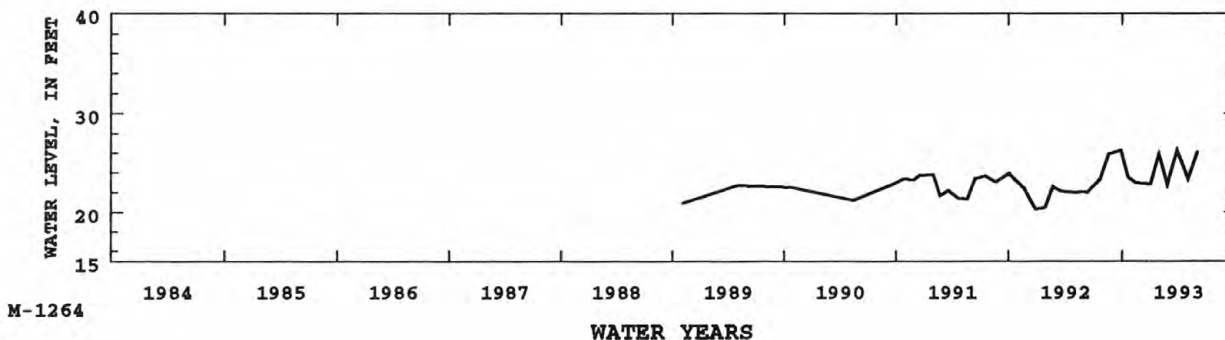
PERIOD OF RECORD.--October 1988 to June 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.30 ft NGVD, Sept. 28, 1992 and Mar. 26, 1993; lowest measured, 20.31 ft NGVD, Dec. 27, 1991.

270651080260701 - M -1264

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			FEB		
20...	1145	23.55	22...	1325	22.76
NOV			MAR		
13...	1440	23.00	26...	1100	26.30
DEC			APR		
31...	1250	22.85	30...	1015	23.34
JAN			JUN		
28...	1445	25.88	01...	1307	26.17



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

609

WELL NUMBER.--270720080140201. Local Number M 1253. USGS Observation Well in Stuart, FL.

LOCATION.--Lat 27°07'20", long 80°14'02", in NW1/4NE1/4SW1/4 sec.34, T.38 S., R.41 E., Hydrologic Unit 03090202, in meter box, 18 ft east of centerline of driveway into the Samaritan Home for Boys and 120 ft south of center line of Cove Road. The Samaritan Home driveway is on the south side of Cove Road, 1.3 mi east of State Road 76 and approximately 2 mi west of U.S. 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 157 ft, cased to 111 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft above land-surface datum.

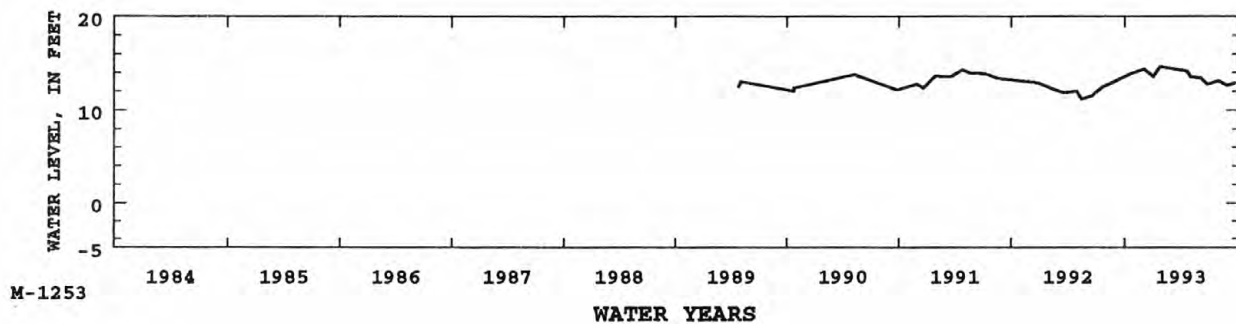
PERIOD OF RECORD.--April 1989 to September 1990 (intermittent), November 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.62 ft NGVD, Jan. 22, 1993; lowest measured, 11.18 ft NGVD, May 15, 1992.

270720080140201 - M -1253

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			JUN		
20...	0945	13.89	01...	1125	13.43
DEC			24...	1100	12.77
03...	0915	14.36	JUL		
31...	1635	13.64	28...	1209	13.09
JAN			AUG		
22...	1025	14.62	26...	1215	12.64
APR			SEP		
20...	1600	14.15	23...	1005	12.92
30...	1530	13.54			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--270720080140202. Local Number M 1257. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°07'20", long 80°14'02", in NW1/4NE1/4SW1/4 sec.34, T.38 S., R.41 E., Hydrologic Unit 03090202, 1.9 mi southwest of intersection of Cove Road and U.S. Highway 1 in Stuart, and 120 ft southeast of Cove Road and 22 ft northeast of dirt road to Samaritan Home for Boys.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 22.7 ft, cased to 19.8 ft.

INSTRUMENTATION.--Digital water-level recorder.

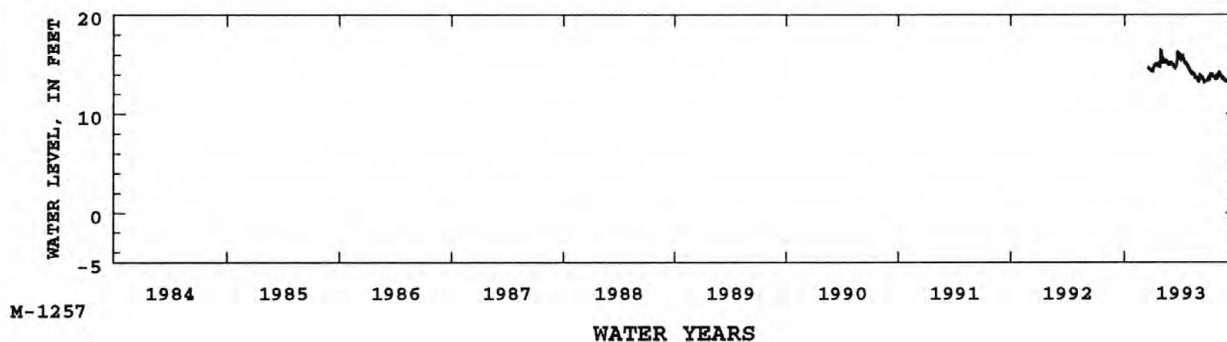
DATUM.--Land-surface datum is 16.88 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.12 ft above land-surface datum.

PERIOD OF RECORD.--April 1989 to September 1990 (intermittent), October 1990 to November 1992 (monthly), December 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.39 ft NGVD, Jan. 26, 1993; lowest measured, 11.48 ft NGVD, May 8, 1990.

STATION NUMBER 270720080140202 M -1257
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	14.90	15.32	15.02	15.78	14.06	13.75	13.91	14.08	13.43
10	---	---	---	15.08	15.20	14.74	15.43	14.09	13.52	13.93	13.74	13.60
15	---	---	---	14.95	15.18	14.71	14.99	13.80	13.35	13.80	13.51	14.03
20	---	---	14.57	14.84	14.99	15.55	14.97	13.69	13.37	13.58	13.40	13.79
25	---	---	14.40	15.89	15.11	16.17	14.63	13.43	13.38	13.90	13.29	13.54
EOM	---	---	14.29	15.62	15.15	15.51	14.36	13.89	13.62	14.13	13.43	13.73
MEAN	---	---	---	15.12	15.21	15.31	15.15	13.81	13.52	13.79	13.61	13.66
MAX	---	---	---	16.39	15.57	16.28	15.96	14.30	13.92	14.13	14.19	14.03
MIN	---	---	---	14.53	14.95	14.70	14.36	13.33	13.27	13.50	13.19	13.43



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

611

WELL NUMBER.--270750080380301. Local Number M 1251. USGS Observation Well near Indiantown, FL.

LOCATION.--Lat 27°07'50", long 80°38'03", in SE1/4NW1/4NE1/4 sec.33, T.38 S., R.37 E., Hydrologic Unit 03090202, on the northeast side of State Road 710, 1.4 mi southeast of the Florida East Coast Railway crossing about 10 mi northeast of Indiantown.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 142 ft, cased to 85 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 31.27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft below land-surface datum.

REMARKS.--Well destroyed on July 28, 1993.

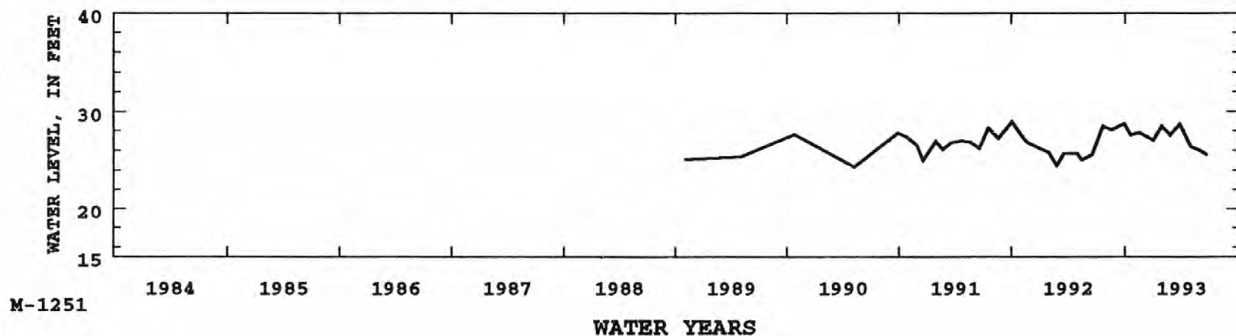
PERIOD OF RECORD.--October 1988 to June 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.92 ft NGVD, Oct. 3, 1991; lowest measured, 24.32 ft NGVD, May 9, 1990.

270750080380301 - M -1251

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAR		
20...	1445	27.58	26...	1300	28.67
NOV			APR		
16...	1420	27.82	30...	1310	26.39
DEC			JUN		
31...	1520	27.02	01...	1507	25.92
JAN			21...	1120	25.56
28...	1120	28.47			
FEB					
22...	1625	27.60			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--270750080380302. Local Number M 1265. USGS Observation Well near Indiantown, FL.

LOCATION.--Lat 27°07'50", long 80°38'03", in SE1/4NW1/4NE1/4 sec.33, T.38 S., R.37 E., Hydrologic Unit 03090202, on the northeast side of State Road 710, 1.4 mi southeast of the Florida East Coast Railway crossing about 10 mi northwest of Indiantown.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 22.0 ft, cased to 21.3 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 31.46 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 below land-surface datum.

REMARKS.--Well destroyed on July 28, 1993.

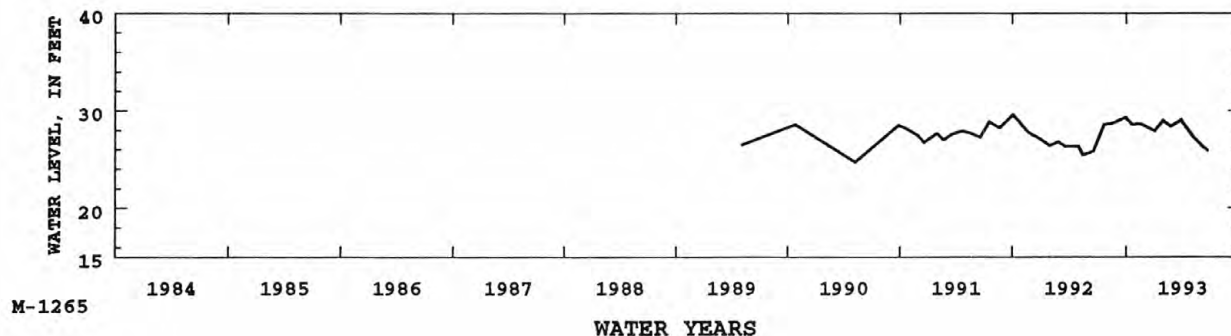
PERIOD OF RECORD.--May 1989 to June 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 29.56 ft NGVD, Oct. 3, 1991; lowest measured, 24.71 ft NGVD, May 9, 1990.

270750080380302 - M -1265

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAR		
20...	1450	28.57	26...	1305	29.01
NOV			APR		
16...	1415	28.63	30...	1305	27.44
DEC			JUN		
31...	1530	27.92	01...	1508	26.43
JAN			21...	1125	25.91
28...	1125	28.98			
FEB					
22...	1630	28.34			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

613

WELL NUMBER.--270820080111901. Local Number M 1052. USGS Observation Well at Port Salerno, FL.

LOCATION.--Lat 27°08'20", long 80°11'19", in SW1/4SW1/4NW1/4 sec.30, T.38 S., R.42 E., Hydrologic Unit 03090202, 0.1 mi south of intersection of Cove Road and U.S. Highway A1A in Port Salerno.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 162 ft, cased to 123 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

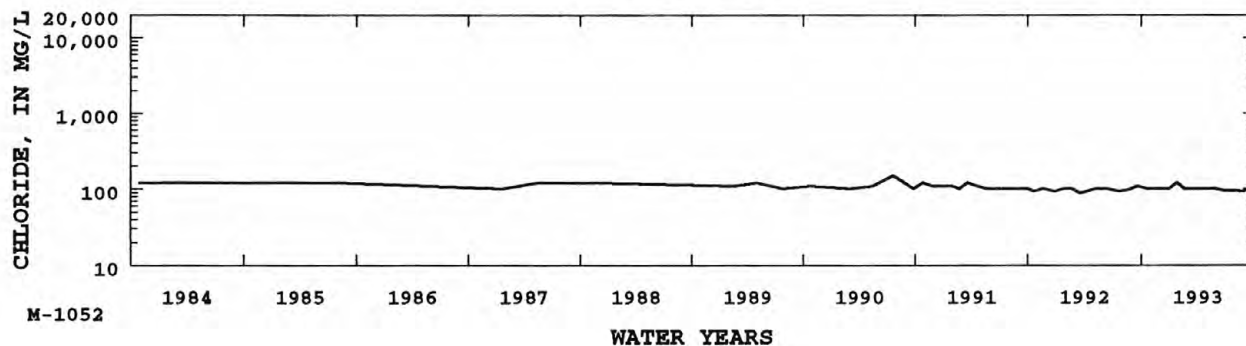
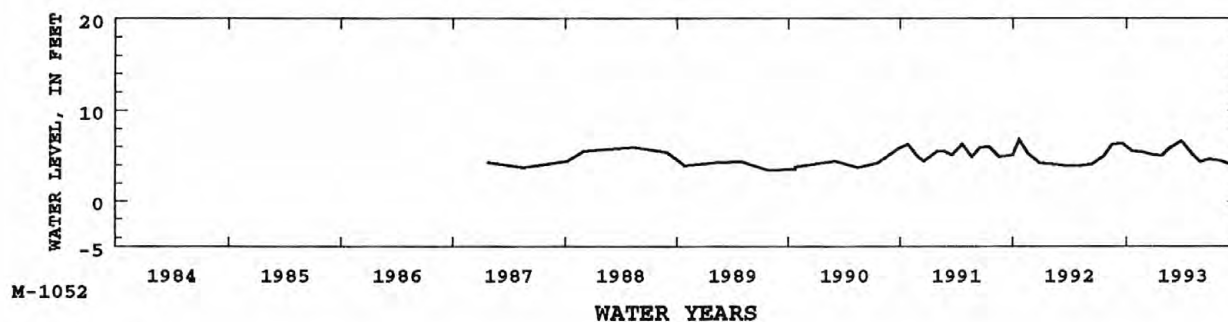
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--January 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.82 ft NGVD, Oct. 21, 1991; lowest measured, 3.46 ft NGVD, July 26, 1989.

270820080111901 - M -1052

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	SOLVED	NGVD			SOLVED	SOLVED	NGVD
(US/CM)	(US/CM)	(MG/L	(MG/L	(FEET)	(US/CM)	(US/CM)	(MG/L	(MG/L	(FEET)
		AS CL)	AS CL)				AS CL)	AS CL)	
OCT					APR				
19...	1220	784	100	5.55	26...	1400	836	100	5.38
NOV					30...	1615	836	100	5.18
17...	1530	--	--	5.45	MAY				
DEC					28...	1120	911	100	4.39
28...	1130	830	100	5.10	JUN				
JAN					23...	1415	902	96	4.65
22...	1045	985	120	5.05	JUL				
FEB					28...	0735	889	95	4.51
16...	1500	873	100	5.78	AUG				
MAR					26...	0820	908	94	4.14
26...	1555	876	100	6.62	SEP				
					22...	1650	897	110	4.85



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--270835080105801. Local Number M 1004. USGS Observation Well in Port Salerno, FL.

LOCATION.--Lat 27°08'35", long 80°10'58", in NE1/4NW1/4 sec.30, T.38 S., R.42 E., Hydrologic Unit 03090202, 5.0 mi southeast of Stuart, 0.7 mi east of A1A on Cove Road in Port Salerno.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 17 ft, cased to 17 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 7.76 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter base, 3.00 ft above land-surface datum.

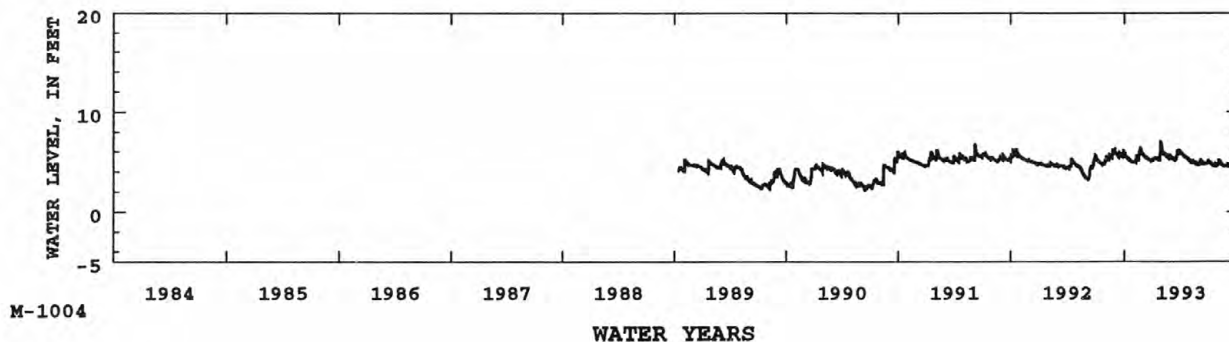
PERIOD OF RECORD.--October 1973 to December 1976, October 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.86 ft NGVD, Jan. 26, 1993; lowest, 2.29 ft NGVD, July 7, 1990.

STATION NUMBER 270835080105801 M -1004
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.54	5.02	5.51	5.27	5.69	5.31	5.81	4.87	5.07	4.83	4.93	4.65
10	5.36	5.55	5.45	5.40	5.63	5.19	5.58	5.02	4.83	4.74	4.70	4.67
15	5.22	5.24	5.30	5.19	5.51	5.22	5.36	4.87	4.69	4.68	4.59	5.01
20	5.08	5.71	5.18	5.15	5.37	5.64	5.34	4.84	4.90	4.53	4.54	4.75
25	5.01	6.07	5.13	6.51	5.49	6.09	5.20	4.72	4.92	4.80	4.51	4.56
EOM	4.94	5.70	5.08	6.06	5.43	5.86	5.03	4.96	4.97	5.11	4.68	4.97
MEAN	5.26	5.53	5.29	5.52	5.59	5.56	5.45	4.86	4.88	4.75	4.70	4.76
MAX	5.93	6.40	5.68	6.86	5.96	6.11	5.93	5.17	5.08	5.11	5.09	5.10
MIN	4.94	4.91	5.08	5.06	5.35	5.16	5.03	4.68	4.68	4.53	4.49	4.54

CAL YR 1992 MEAN 4.93 MAX 6.40 MIN 3.28
WTR YR 1993 MEAN 5.18 MAX 6.86 MIN 4.49



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

615

WELL NUMBER.--270941080210301. Local Number M 933. USGS Observation Well near Palm City, FL.

LOCATION.--Lat 27°09'41", long 80°21'03", in NW1/4NW1/4 sec.21, T.38 S., R.40 E., Hydrologic Unit 03090202, on State Road 714, and 6.2 mi west of Palm City.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 14.5 ft, cased to 13.5 ft.

INSTRUMENTATION.--Digital water-level recorder. Prior to Jan. 13, 1993, monthly measurements with chalked tape.

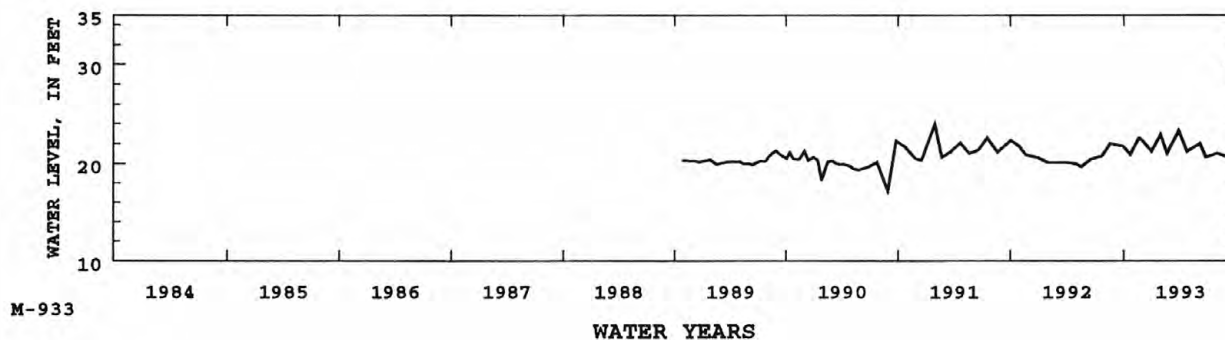
DATUM.--Land-surface datum is 23.75 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.56 ft above land-surface datum. (Corrected).

PERIOD OF RECORD.--January 1957 to September 1972 (monthly), October 1973 to September 1974 (daily), October 1974 to September 1981 (monthly), October 1988 to December 1992 (monthly), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 24.50 ft NGVD, Sept. 24, 1960; lowest measured, 17.17 ft NGVD, Aug. 29, 1990.

STATION NUMBER 270941080210301 M - 933
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	21.50	20.92	22.07	20.66	21.47	---	21.29	21.35
10	---	---	---	---	21.23	20.75	21.49	20.85	21.01	---	20.99	21.21
15	---	---	---	21.76	21.11	21.06	21.12	20.65	20.77	---	20.86	21.27
20	---	---	---	21.75	20.99	22.75	21.45	20.48	20.69	---	20.73	21.17
25	---	---	---	22.75	21.26	23.31	21.02	20.38	---	---	20.69	20.70
EOM	---	---	---	22.23	21.22	22.25	20.82	22.20	---	21.59	21.52	21.74
MEAN	---	---	---	---	21.29	21.83	21.49	20.70	---	---	21.00	21.20
MAX	---	---	---	---	22.05	23.37	22.35	22.20	---	---	21.55	21.74
MIN	---	---	---	---	20.95	20.73	20.82	20.35	---	---	20.62	20.58



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--270943080145701. Local Number M 1146. USGS Observation Well near Stuart, FL.

LOCATION.--Lat 27°09'43", long 80°14'57", in Hanson Grant, T.38 S., R.41 E., Hydrologic Unit 03090202, on State Road 76, approximately 0.25 mi north of Indian Avenue.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 2 in., depth 110 ft, cased to 107 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.56 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

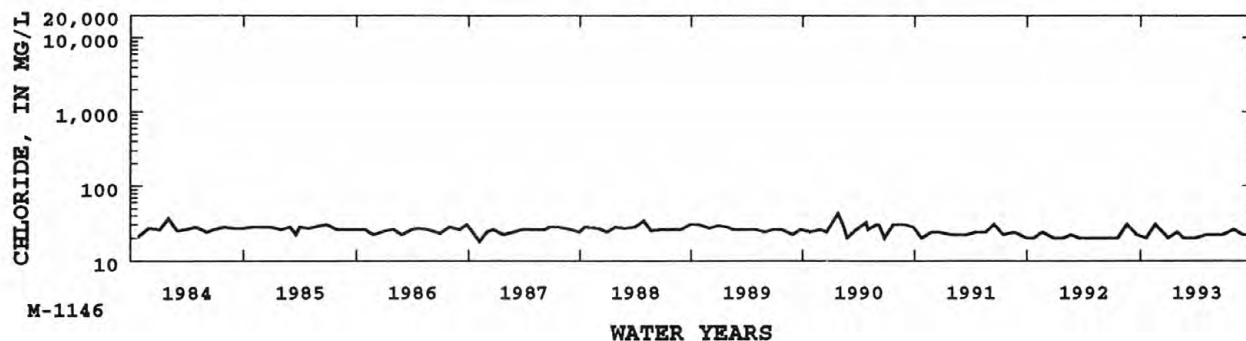
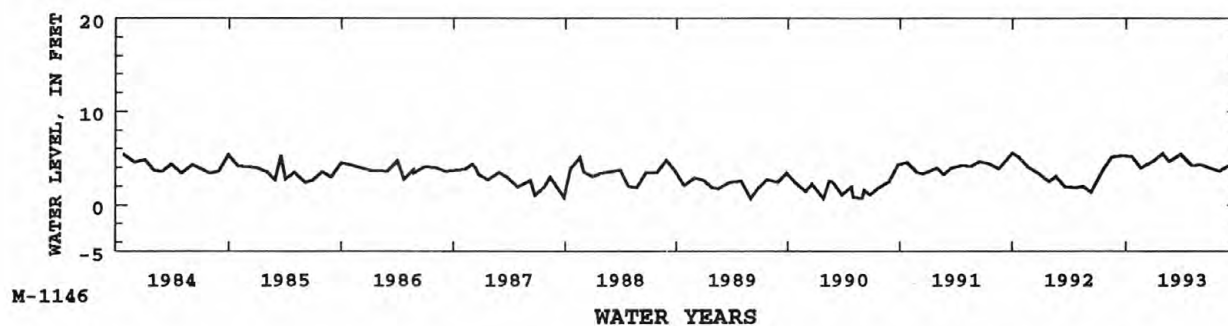
REMARKS.--Well is used for salinity monitoring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.51 ft NGVD, Oct. 1, 1991; lowest measured, 0.50 ft NGVD, Jan. 26, 1982.

270943080145701 - M -1146

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT 19...	1625	431	20	5.16	APR 30...	1455	446	22	4.21
NOV 17...	0915	388	30	3.91	JUN 01...	1057	496	22	4.29
DEC 29...	1340	397	20	4.67	22...	1535	495	22	4.02
JAN 28...	0930	365	24	5.47	JUL 28...	1130	499	26	3.58
FEB 17...	1400	457	20	4.66	AUG 26...	1150	489	22	4.17
MAR 26...	1110	565	20	5.37	SEP 23...	0940	486	22	3.74



MARTIN COUNTY

WELL NUMBER.--270943080145702. Local Number M 1147. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°09'43", long 80°14'57", in Hanson Grant, T.38 S., R.41 E., Hydrologic Unit 03090202, on State Road 76, approximately 0.25 mi north of Indian Avenue.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 2 in., depth 146 ft, cased to 143 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.59 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

REMARKS.--Well is used for salinity monitoring.

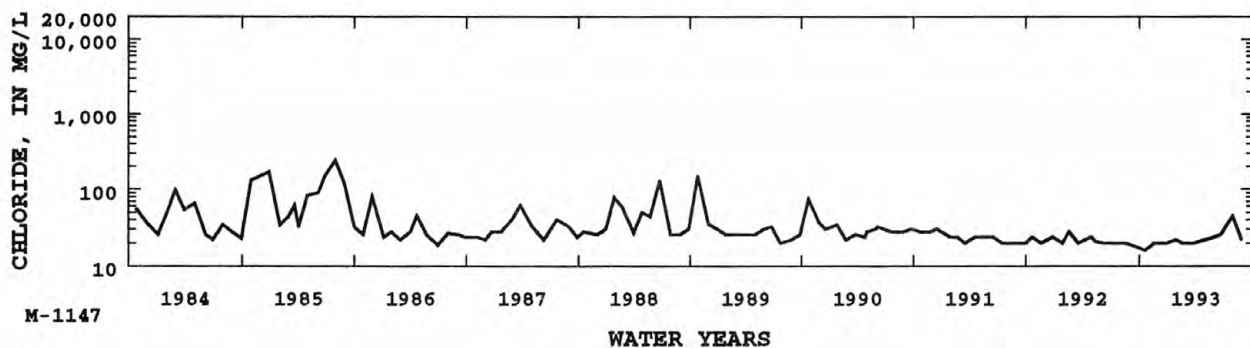
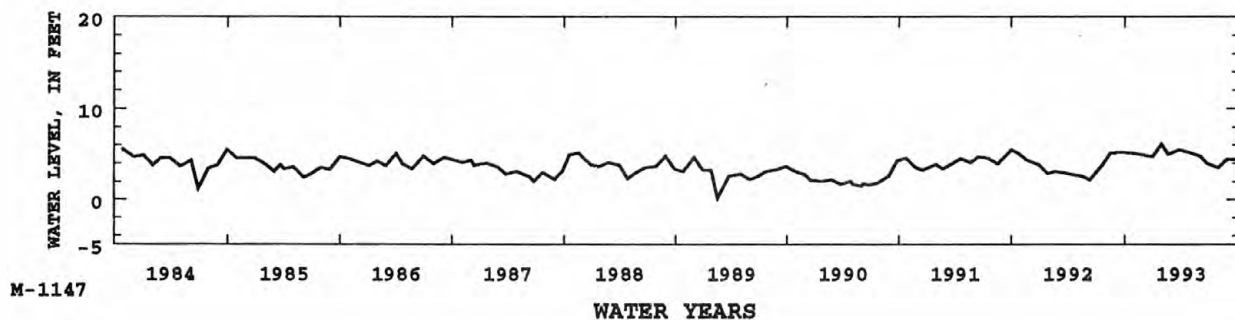
PERIOD OF RECORD.--May 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.06 ft NGVD, Jan. 28, 1993; lowest measured, 0.15 ft NGVD, Feb. 14, 1989.

270943080145702 - M -1147

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
19...	1635	267	16	5.14	30...	1455	467	22	5.14
NOV					JUN				
17...	0925	321	20	4.94	01...	1110	483	24	4.78
DEC					22...	1540	481	26	4.02
29...	1350	386	20	4.67	JUL				
JAN					28...	1140	483	44	3.55
28...	0940	395	22	6.06	AUG				
FEB					26...	1150	480	22	4.41
17...	1410	441	20	4.94	SEP				
MAR					23...	0940	--	--	4.41
26...	1115	484	20	5.49					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--270948080153202. Local Number M 1267. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°09'48", long 80°15'32", in NE1/4SW1/4SE1/4 sec.17, T.38 S., R.41 E., Hydrologic Unit 03090202, at St. Lucie Shores Drive, and 34th Street, in Stuart.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 110 ft, cased to 110 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 3.87 ft (correction) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.25 ft above land-surface datum.

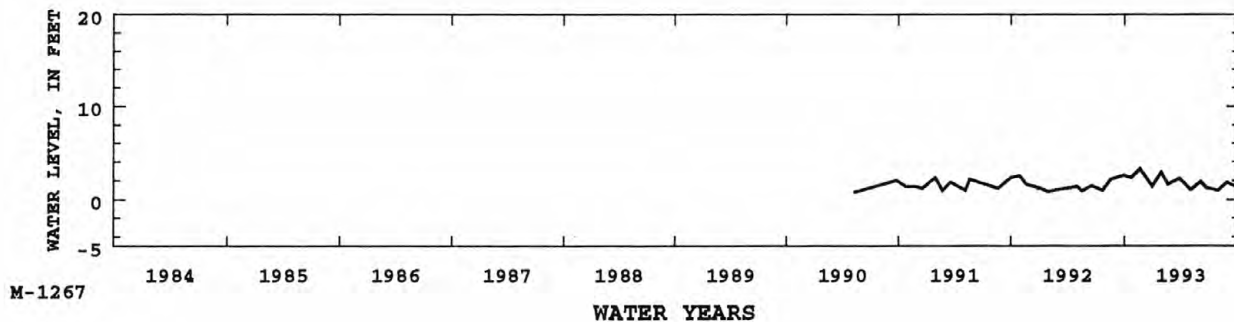
PERIOD OF RECORD.--May 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.25 ft NGVD, Nov. 20, 1992; lowest measured, 0.70 ft NGVD, May 8, 1990.

270948080153202 - M -1267

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
22...	1155	2.23	03...	1250	1.02
NOV			JUN		
20...	0900	3.25	02...	1145	1.88
DEC			22...	1530	1.26
30...	0915	1.32	JUL		
JAN			28...	1641	0.96
28...	1030	2.90	AUG		
FEB			27...	0835	1.74
17...	1430	1.58	SEP		
MAR			23...	1315	1.33
26...	1100	2.18			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

619

WELL NUMBER.--270952080135201. Local Number M 1141. USGS Observation Well near Stuart, FL.

LOCATION.--Lat 27°09'52", long 80°13'52", in SW1/4SW1/4 sec.15, T.38 S., R.41 E., Hydrologic Unit 03090202, 0.25 mi west of Junction of U.S. Highway 1 and Indian Avenue near Stuart.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 109 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 17.02 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter base, 1.3 ft above land-surface datum.

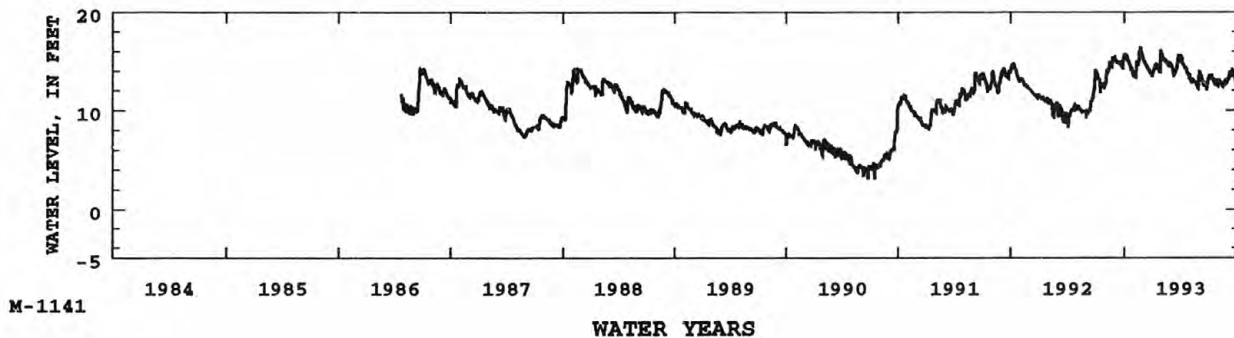
PERIOD OF RECORD.--April 1986 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.47 ft NGVD, Nov. 22, 1992; lowest, 3.08 ft NGVD, July 15, 1990.

STATION NUMBER 270952080135201 . M -1141
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.21	13.38	14.94	14.25	15.09	14.18	15.36	12.94	13.46	13.41	12.88	13.52
10	15.38	14.92	14.52	14.60	14.88	13.56	14.69	13.18	13.00	13.37	12.73	13.58
15	14.92	14.67	14.26	14.34	14.76	13.90	14.22	12.88	12.65	13.15	12.46	14.03
20	14.49	15.84	14.08	14.10	14.57	14.41	14.11	12.78	12.67	12.66	12.52	13.55
25	14.25	15.99	13.77	13.85	14.62	15.49	13.66	12.44	12.54	12.92	12.90	13.06
EOM	13.55	15.39	13.40	15.59	14.57	14.85	13.44	13.76	13.15	13.00	13.14	13.79
MEAN	14.76	14.93	14.27	14.50	14.88	14.43	14.35	12.89	12.91	13.03	12.79	13.51
MAX	15.69	16.47	15.20	16.13	15.32	15.49	15.62	13.76	13.81	13.52	13.15	14.03
MIN	13.55	13.37	13.40	13.75	14.50	13.56	13.38	12.21	12.04	12.46	12.41	12.93

CAL YR 1992 *MEAN 12.35 MAX 16.47 MIN 8.27
WTR YR 1993 MEAN 13.93 MAX 16.47 MIN 12.04



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--270952080135202. Local Number M 1183. USGS Observation Well near Stuart, FL.

LOCATION.--Lat 27°09'52", long 80°13'52", in SW1/4SW1/4 sec.15, T.38 S., R.41 E., Hydrologic Unit 03090202, 0.25 mi west of Junction of U.S. Highway 1 and Indian Avenue near Stuart, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 21.0 ft, cased to 16.2 ft.

INSTRUMENTATION.--Digital water-level recorder.

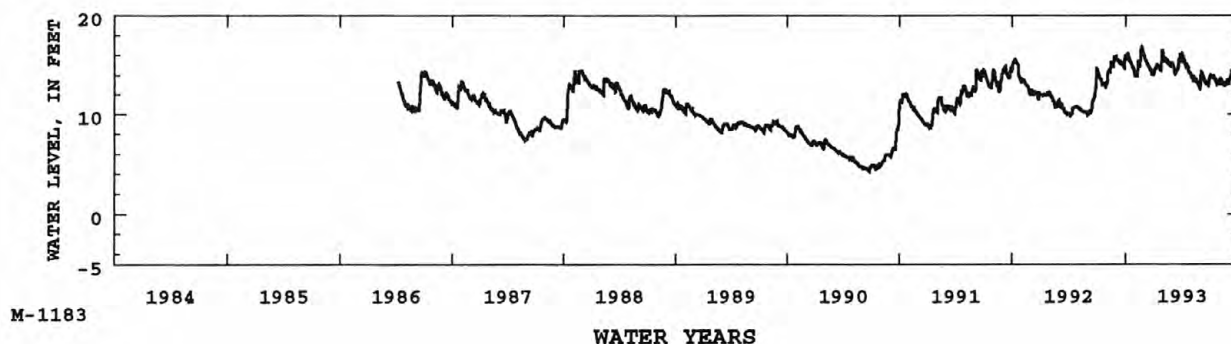
DATUM.--Land-surface datum is 17.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter base, 1.80 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.71 ft NGVD, Nov. 22, 1992; lowest, 4.25 ft NGVD, June 25, 1990.

STATION NUMBER 270952080135202 M -1183
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.63	13.81	15.39	14.67	15.47	14.45	15.68	13.45	13.91	13.84	13.39	13.97
10	15.80	15.31	15.01	15.02	15.26	14.09	15.00	13.73	13.46	13.89	13.16	14.02
15	15.30	15.04	14.76	14.79	15.13	14.34	14.64	13.26	13.08	13.58	12.84	14.46
20	14.99	16.20	14.48	14.50	14.97	14.78	14.65	13.19	13.14	13.20	12.95	14.06
25	14.68	16.38	14.20	16.20	15.08	15.89	14.15	12.91	13.31	13.34	13.30	13.52
DOM	13.99	15.81	14.15	15.50	15.04	15.19	13.91	14.18	13.85	13.45	13.60	14.26
MEAN	15.20	15.33	14.71	14.98	15.27	14.88	14.81	13.32	13.46	13.49	13.21	13.95
MAX	16.17	16.71	15.67	16.46	15.68	15.89	15.93	14.18	14.21	13.93	13.60	14.46
MIN	13.99	13.75	13.90	14.27	14.90	14.09	13.91	12.60	12.73	12.98	12.84	13.35
CAL YR 1992	MEAN 12.87	MAX 16.71	MIN 9.82									
WTR YR 1993	MEAN 14.38	MAX 16.71	MIN 12.60									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

621

WELL NUMBER.--271007080142101. Local Number M 1179. USGS Observation Well near Stuart, FL.

LOCATION.--Lat 27°10'07", long 80°14'21", in SE1/4SE1/4 sec.16, T.38 S., R.41 E., Hydrologic Unit 03090202, 0.5 mi west on Indian Avenue from Junction of U.S. Highway 1 and 0.5 mi north on Astor Lane near Stuart, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 20 ft, cased to 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

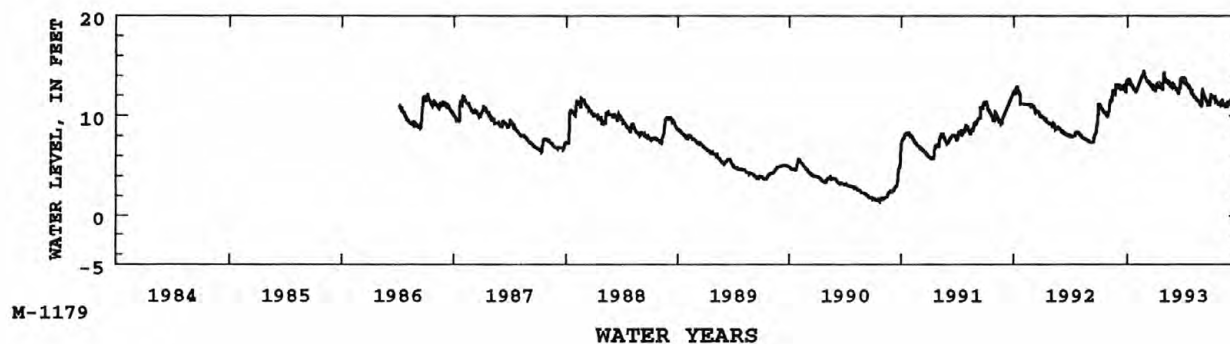
DATUM.--Land-surface datum is 15.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter base, 3.24 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.53 ft NGVD, Nov. 22, 1992; lowest, 1.40 ft NGVD, July 21, 1990.

STATION NUMBER 271007080142101 M -1179
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.19	---	13.43	13.13	13.33	12.70	13.70	11.83	12.00	11.84	11.22	11.58
10	13.34	---	13.45	13.26	13.17	12.46	13.20	11.82	11.68	11.78	11.01	11.67
15	13.02	---	13.09	13.12	13.05	12.19	12.90	11.51	11.22	11.48	10.81	11.97
20	12.73	13.88	12.90	---	12.87	12.97	12.75	11.46	11.17	11.22	10.83	11.81
25	12.53	14.06	12.62	14.07	12.83	13.81	12.39	11.11	11.56	11.26	11.22	11.33
EOM	---	13.67	12.46	13.61	12.90	13.33	12.09	12.48	11.95	11.39	11.54	11.94
MEAN	---	---	13.03	---	13.15	12.96	12.93	11.56	11.61	11.48	11.14	11.64
MAX	---	---	13.64	---	13.58	13.81	13.88	12.48	12.47	11.93	11.54	11.97
MIN	---	---	12.46	---	12.83	12.19	12.09	10.97	11.01	10.99	10.81	11.09



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--271010080122201. Local Number M 1132. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°10'10", long 80°12'22", in NE1/4 of Hanson Grant, T.38 S., R.41 E., Hydrologic Unit 03090202, on St. Lucie Boulevard, 0.25 mi southeast of Indian Avenue and 1.1 mi east of U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 2 in., depth 104 ft, cased to 103 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 5.24 ft (correction) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum. From October 1, 1986 to September 30, 1992 land-surface datum was considered to be 8.56 ft NGVD. See PERIOD OF RECORD.

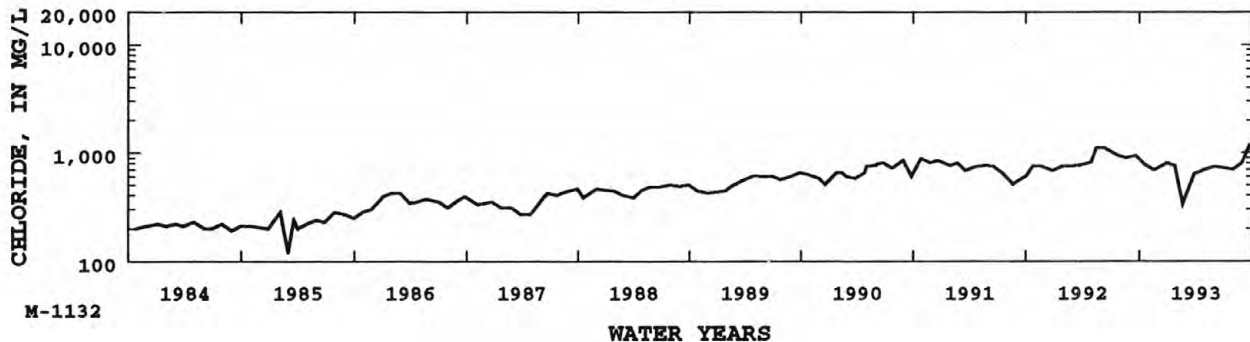
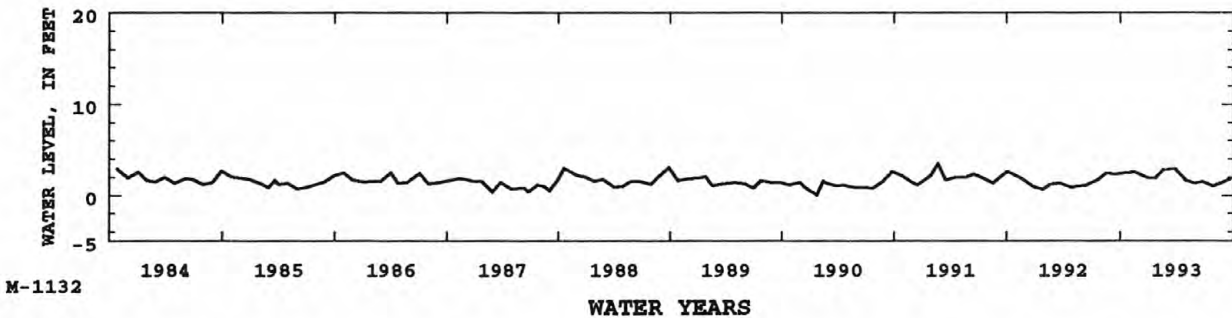
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--May 1981 to current year. The figures of water levels as elevation, in feet NGVD, from October 1986 to September 1992 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.28 ft NGVD, Mar. 30, 1983; lowest measured, 0.40 ft below NGVD, Aug. 28, 1981. (Corrected).

271010080122201 - M -1132

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT 19...	1350	3070	770	2.48	APR 30...	1010	2700	700	1.64
NOV 17...	1550	2670	690	2.54	MAY 28...	1220	2820	740	1.33
DEC 28...	1200	3480	800	1.90	JUN 23...	1545	2980	730	1.52
JAN 22...	1140	2680	750	1.94	JUL 28...	0800	2710	700	0.99
FEB 16...	1540	1400	330	2.84	AUG 26...	0840	3010	800	1.45
MAR 26...	1440	2610	630	2.88	SEP 22...	1705	--	--	1.86



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

623

WELL NUMBER.--271017080123501. Local Number M 1165. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°10'17", long 80°12'35", in NE1/4 of Hanson Grant, T.38 S., R.41 E., Hydrologic Unit 03090202, one block south of Indian Avenue, approximately 1.2 mi east of U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 2 in., depth 106 ft, cased to 103 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.08 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.70 ft below land-surface datum.

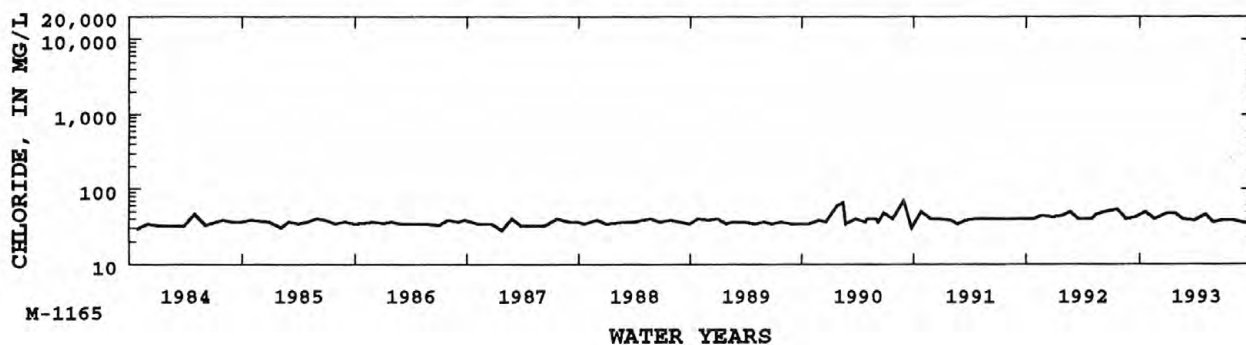
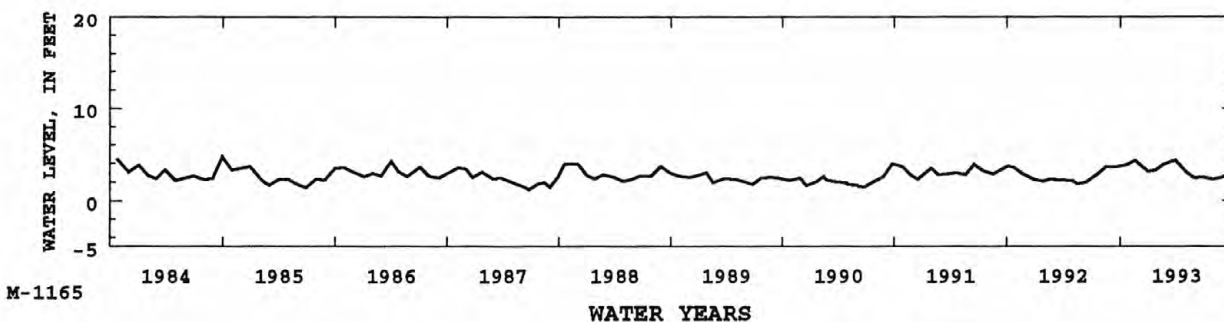
REMARKS.--Well is used for salinity monitoring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.71 ft NGVD, Sept. 28, 1984; lowest measured, 0.92 ft NGVD, June 26, 1981.

271017080123501 - M -1165

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,				CIFIC	RIDE,	
		CON-	DIS-				CON-	DIS-	
		DUCT-	SOLVED				DUCT-	SOLVED	
		ANCE	(MG/L	NGVD			ANCE	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
19...	1400	365	50	3.76	30...	1045	394	46	3.04
NOV					MAY				
18...	1320	278	40	4.28	28...	1240	551	36	2.42
DEC					JUN				
28...	1215	292	48	3.08	23...	1530	575	38	2.49
JAN					JUL				
22...	1145	353	48	3.27	28...	0815	559	38	2.24
FEB					AUG				
16...	1550	451	40	3.83	26...	0850	566	36	2.48
MAR					SEP				
26...	1430	533	38	4.35	22...	1715	575	34	2.89



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--271018080125101. Local Number M 1055. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°10'18", long 80°12'51", in NE1/4NE1/4 of Hanson Grant, T.38 S., R.41 E., Hydrologic Unit 03090202, approximately 0.5 mi north of Indian Avenue and 1.0 mi east of U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 100 ft, cased to 91 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.85 ft (correction) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft above land-surface datum. Prior to October 1988 land-surface datum was considered to be 12.58 ft NGVD. See PERIOD OF RECORD.

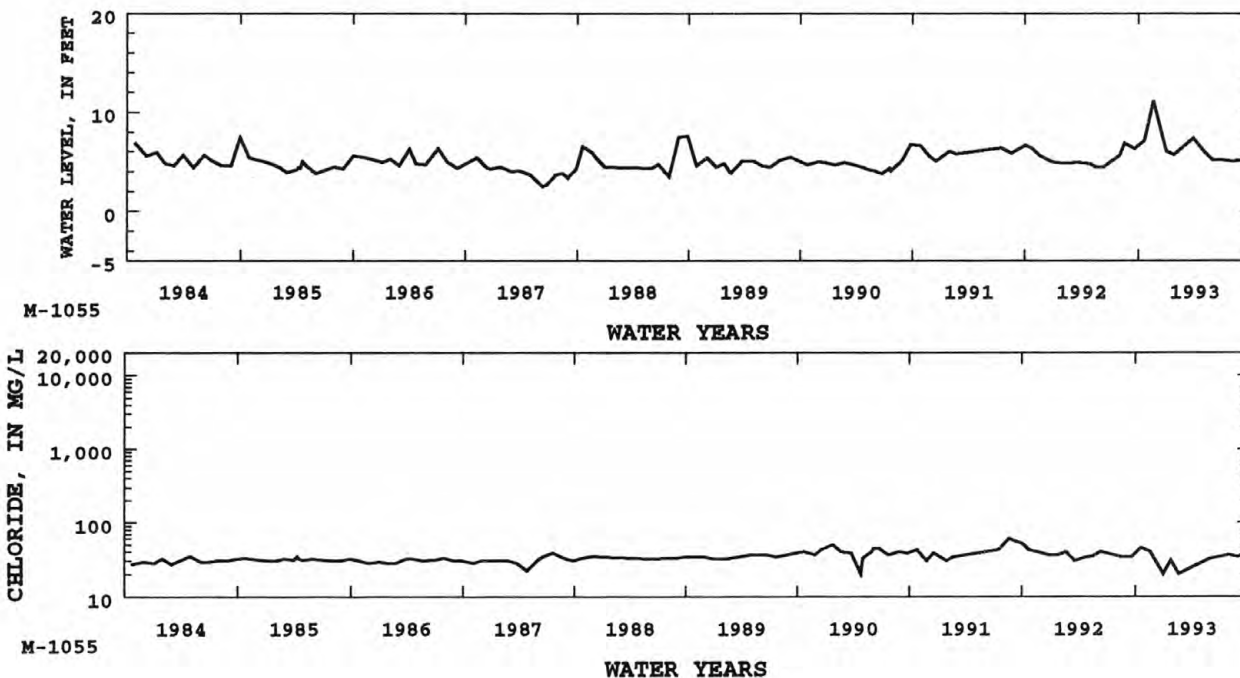
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--February 1975 to April 1981 (intermittent), May 1981 to current year. The figures of water levels as elevation in feet NGVD, prior to October 1988 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.13 ft NGVD, Nov. 18, 1992; lowest measured, 2.99 ft NGVD (present datum), June 26, 1981 and June 10, 1987 (corrected).

271018080125101 - M -1055

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
19...	1410	381	45	7.05	30...	1110	--	--	5.95
NOV					MAY				
18...	1300	430	40	11.13	28...	1255	442	32	5.19
DEC					JUN				
28...	1230	260	20	6.05	23...	1520	--	--	5.20
JAN					JUL				
22...	1200	420	30	5.71	28...	0845	483	36	5.06
FEB					AUG				
16...	1600	352	20	6.27	26...	0900	483	34	5.11
MAR					SEP				
26...	1423	--	--	7.31	23...	0730	495	38	5.55



MARTIN COUNTY

WELL NUMBER.--271109080125501. Local Number M 1010. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°11'09", long 80°12'55", in NW1/4SE1/4NE1/4 sec.11, T.38 S., R.41 E., Hydrologic Unit 03090202, approximately 0.25 mi south and 2.3 mi east of the intersection of State Road 76 and U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 2 in., depth 126 ft, cased to 126 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.04 ft (corrected) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum. Prior to October 1988 land surface datum was considered to be 10.97 ft NGVD. See PERIOD OF RECORD.

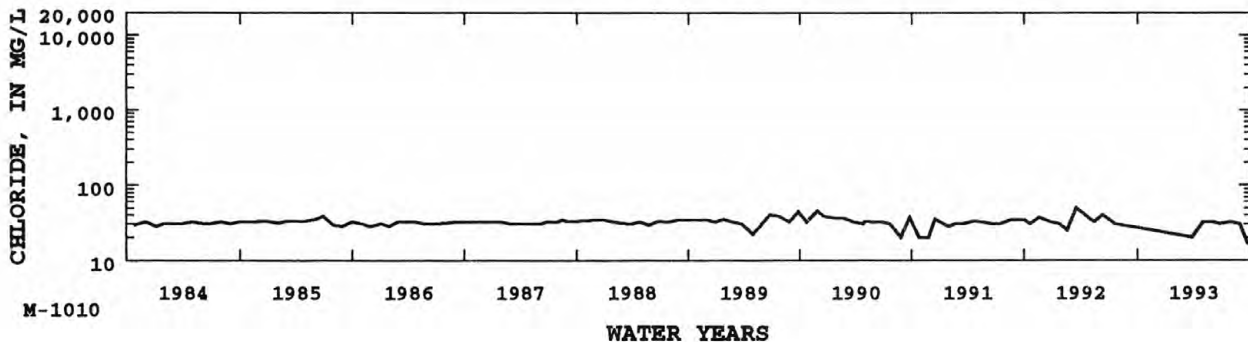
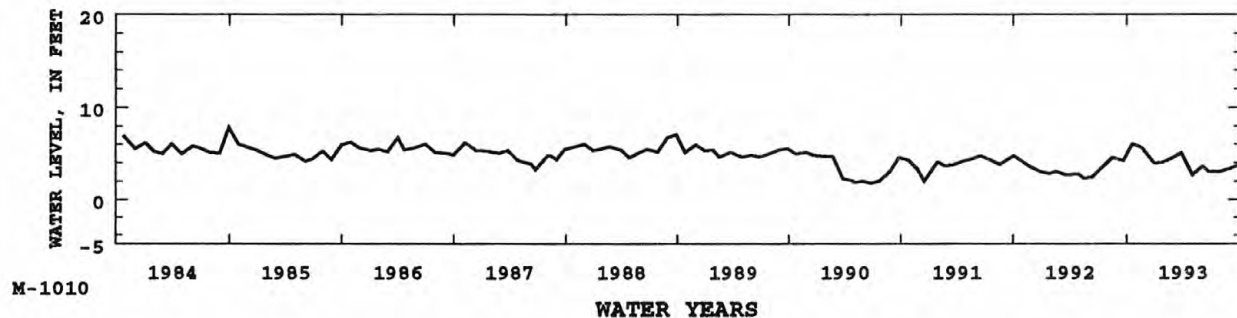
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--October 1973 to April 1981 (intermittent), May 1981 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1988 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.04 ft NGVD, Oct. 19, 1992; lowest measured, 0.49 ft below NGVD (present datum), June 26, 1981 (Corrected).

271109080125501 - M -1010

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT 19...	1435	--	--	6.04	APR 30...	1130	488	32	2.67
NOV 18...	1340	--	--	5.69	JUN 03...	0940	614	32	3.60
DEC 28...	1320	--	--	3.94	23...	1125	606	30	3.03
JAN 22...	1230	--	--	4.02	JUL 28...	0905	546	32	3.02
FEB 16...	1615	--	--	4.37	AUG 26...	0915	622	30	3.30
MAR 26...	1333	579	20	5.06	SEP 23...	0810	642	16	3.64



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--271109080125502. Local Number M 1161. USGS Observation Well in Stuart, FL.

LOCATION.--Lat 27°11'09", long 80°12'55", in NW1/4SE1/4NW1/4 sec.11, T.38 S., R.41 E., Hydrologic Unit 03090202, at the Stuart Witham Field Airport in grassy area off northeast end of northeast-southwest runway.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 20.5 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

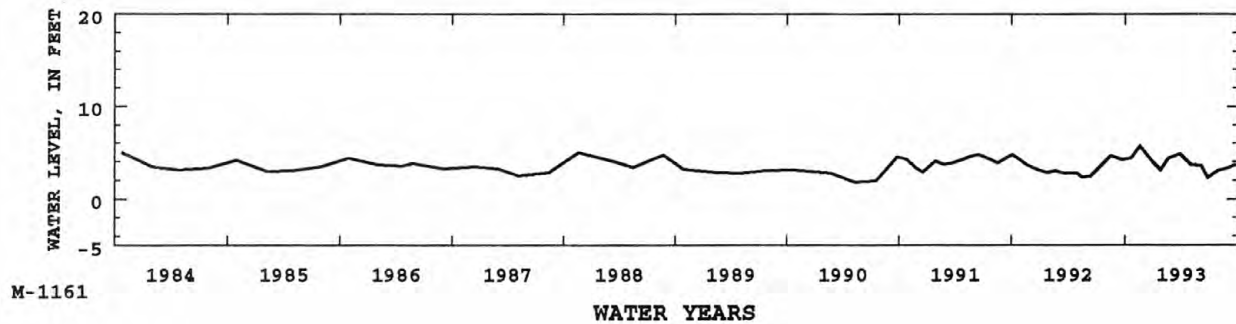
PERIOD OF RECORD.--May 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.69 ft NGVD, Nov. 18, 1992; lowest measured, 1.14 ft NGVD, May 8, 1981.

271109080125502 - M -1161

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
19...	1440	4.38	30...	1150	3.66
NOV			JUN		
18...	1350	5.69	03...	0945	3.56
DEC			23...	1130	2.24
29...	1330	3.97	JUL		
JAN			28...	0905	3.03
22...	1230	3.10	AUG		
FEB			26...	0915	3.29
16...	1620	4.34	SEP		
MAR			23...	0810	3.63
26...	1635	4.88			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

627

WELL NUMBER.--271123080135101. Local Number M 1091. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°11'23", long 80°13'51", in SW1/4SE1/4SW1/4 sec.3, T.38 S., R.41 E., Hydrologic Unit 03090202, across from St. Michaels School on 10th Street at Trinity Street, 1.3 mi east of the intersection of U.S. Highway 1 and State Road 76 (Colorado Avenue).

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 180 ft, cased to 118 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.18 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

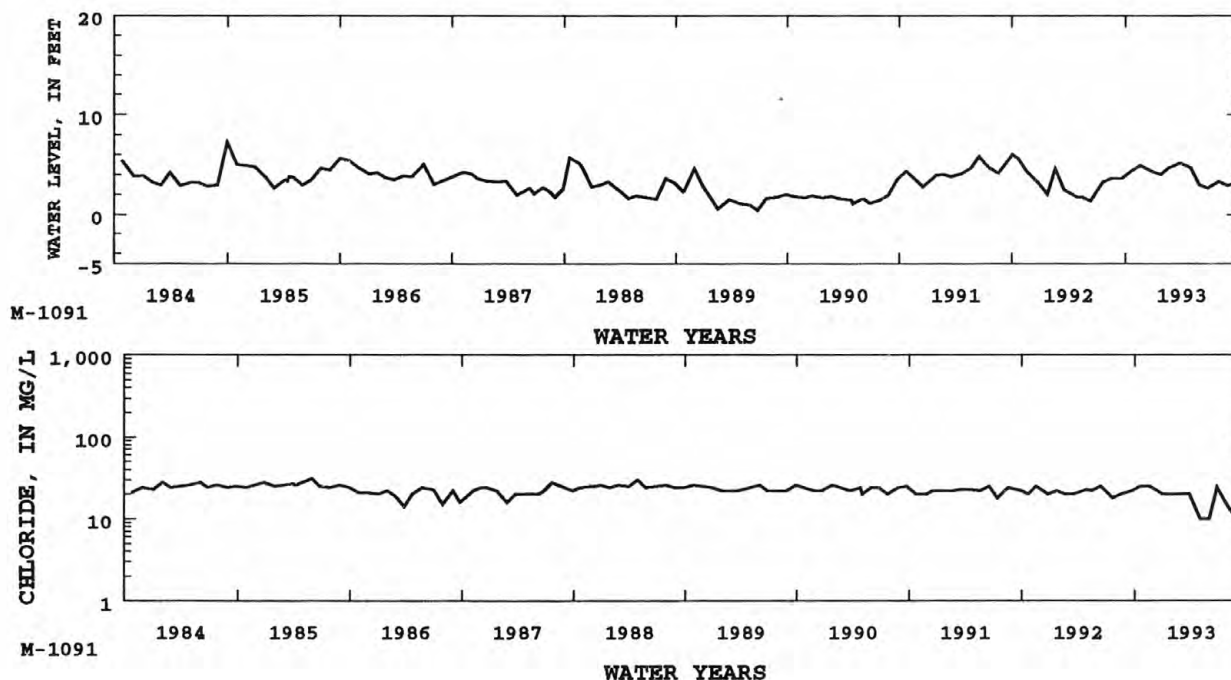
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--April 1976 to April 1981 (intermittent), May 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.25 ft NGVD, Sept. 28, 1984; lowest measured, 0.10 ft below NGVD, June 26, 1981.

271123080135101 - M -1091

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	ANCE	NGVD			DUCT-	ANCE	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					APR				
19...	1530	558	25	4.35	30...	1350	248	10	4.64
NOV					MAY				
18...	1450	552	25	4.93	28...	1540	293	10	2.98
DEC					JUN				
28...	1425	360	20	4.26	23...	1435	563	24	2.62
JAN					JUL				
22...	1345	586	20	3.98	28...	1000	292	14	3.29
FEB					AUG				
17...	1100	458	20	4.62	26...	1020	308	10	2.89
MAR					SEP				
26...	1245	573	20	5.14	23...	0910	566	24	3.15



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--271010080141201. Local Number M 147. USGS Observation Well near Stuart, FL.

LOCATION.--Lat 27°11'23", long 80°14'12", in NW1/4NW1/4 sec.10, T.38 S., R.41 E., Hydrologic Unit 03090202, 0.5 mi south of East 4th Street on Palm Beach Road, 0.8 mi east of U.S. Highway 1, and 2.0 mi southeast of Stuart.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 74 ft, cased to 73 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 13.66 ft (corrected) above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.70 ft above land-surface datum.

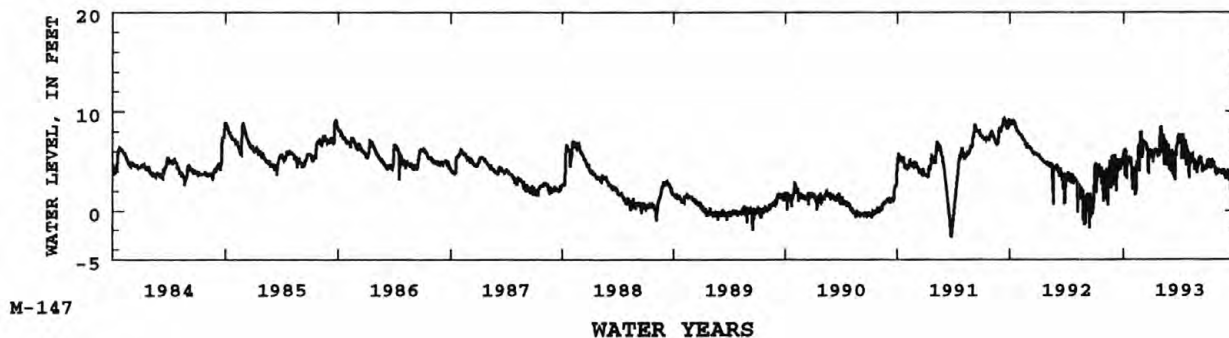
PERIOD OF RECORD.--January 1952 to current year. Records of water levels prior to August 1952 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.10 ft NGVD, Oct. 18, 1953; lowest, 7.95 ft below NGVD, June 13, 1976.

STATION NUMBER 271010080141201 M - 147
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.70	4.48	6.65	5.83	5.81	5.58	6.78	4.77	5.27	5.11	3.96	3.17
10	3.46	1.67	6.79	6.12	6.44	5.70	7.53	5.42	4.46	4.80	3.98	3.83
15	5.15	4.90	6.13	6.03	6.97	3.18	6.86	5.06	4.13	4.85	3.76	4.07
20	5.06	6.64	3.91	5.43	6.26	6.00	6.63	4.99	4.46	4.48	3.91	4.40
25	5.15	7.81	6.04	6.51	4.44	7.27	4.72	3.80	4.50	3.87	3.58	3.83
EOM	3.74	5.41	5.89	8.17	5.88	7.02	5.22	5.09	4.31	4.13	3.40	-.04
MEAN	4.72	4.97	6.03	6.22	6.18	5.88	6.31	4.86	4.62	4.46	3.82	3.32
MAX	6.05	7.89	7.09	8.30	7.61	7.67	7.64	5.76	5.37	5.20	4.23	4.41
MIN	2.11	1.61	3.91	4.91	4.22	3.18	3.81	3.32	3.90	3.59	3.23	-.09

WTR YR 1993 MEAN 5.11 MAX 8.30 MIN -.09



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

629

WELL NUMBER.--271127080144701. Local Number M 1090. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°11'27", long 80°14'47", in SE1/4SE1/4SW1/4 sec.4, T.38 S., R.41 E., Hydrologic Unit 03090202, in the south corner of Martin Luther King Park, 0.5 mi east of the intersection of U.S. Highway 1 and State Road 76.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 200 ft, cased to 123 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.84 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft above land-surface datum.

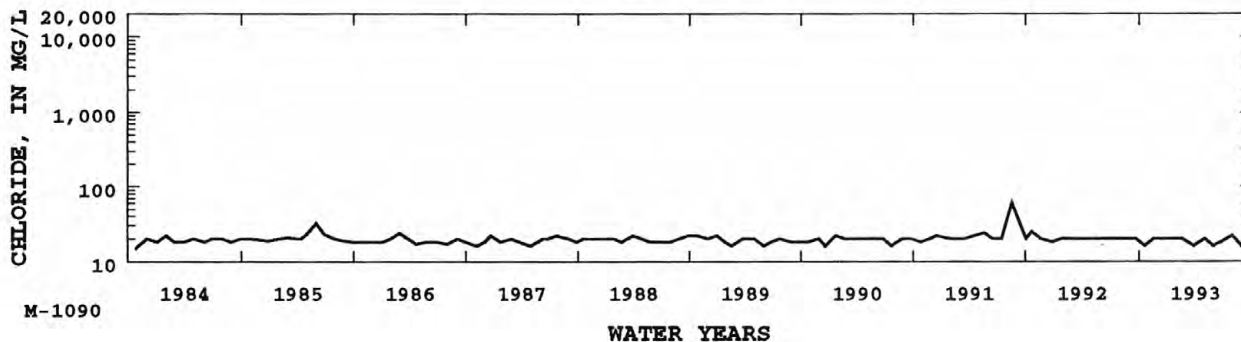
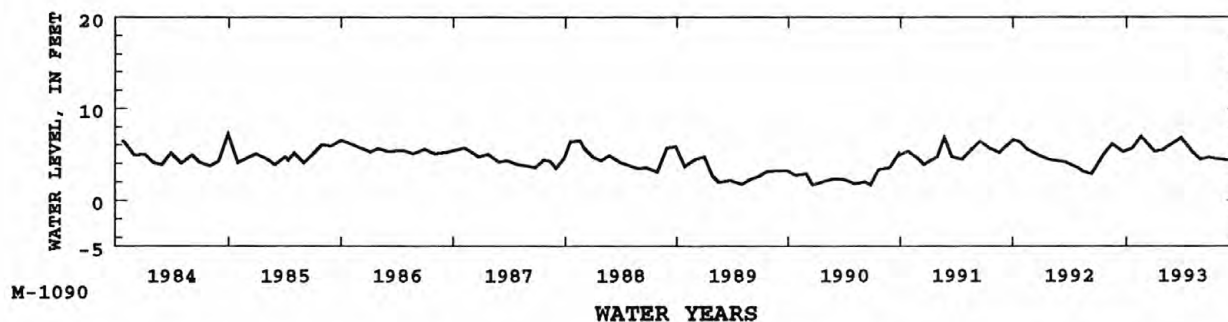
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--April 1976 to April 1981 (intermittent), May 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.53 ft NGVD, Apr. 5, 1982; lowest measured, 1.32 ft NGVD, June 26, 1981.

271127080144701 - M -1090

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	(MG/L	NGVD			SOLVED	(MG/L	NGVD
		(US/CM)	AS CL)	(FEET)			(US/CM)	AS CL)	(FEET)
OCT					APR				
19...	1610	459	16	5.62	30...	1415	476	20	5.29
NOV					MAY				
18...	1530	457	20	6.92	28...	1625	470	16	4.44
DEC					JUN				
28...	1440	319	20	5.32	23...	1410	474	18	4.64
JAN					JUL				
22...	1400	458	20	5.40	28...	1030	500	22	4.45
FEB					AUG				
17...	1145	559	20	5.94	26...	1045	465	16	4.36
MAR					SEP				
26...	1220	474	16	6.79	23...	0925	461	20	4.87



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--271148080141201. Local Number M 1011. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°11'48", long 80°14'12", in NW1/4NW1/4SW1/4 sec.3, T.38 S., R.41 E., Hydrologic Unit 03090202, south of A1A, approximately 0.5 mi north and 1.0 mi east of the intersection of State Road 76 and U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 2 in., depth 128 ft, cased to 128 ft. (Corrected).

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.11 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

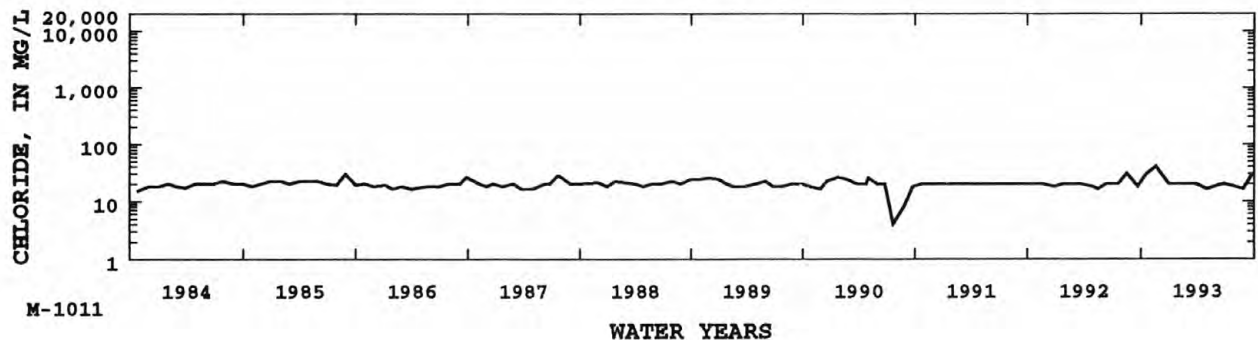
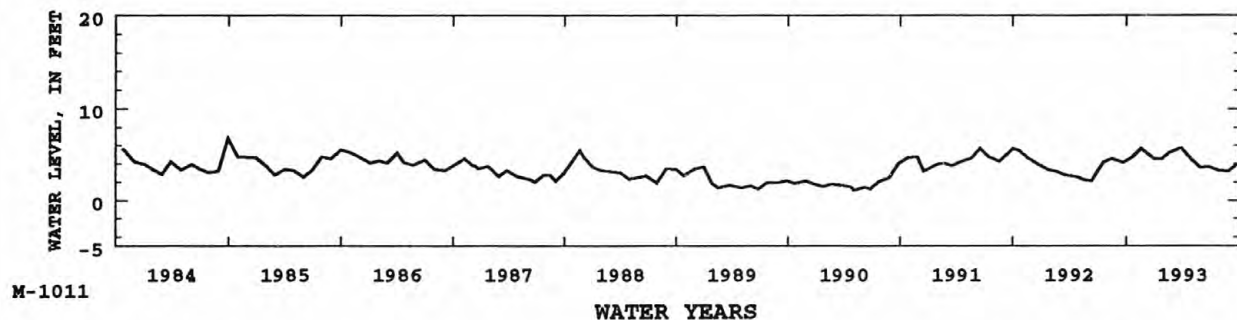
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--October 1973 to April 1981 (intermittent), May 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.79 ft NGVD, Sept. 28, 1984; lowest measured, 1.83 ft below NGVD, May 29, 1981.

271148080141201 - M -1011

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT 19...	1515	484	30	4.69	APR 30...	1315	502	16	4.42
NOV 18...	1430	428	40	5.71	MAY 28...	1515	506	18	3.58
DEC 28...	1350	450	20	4.59	JUN 23...	1450	503	20	3.63
JAN 22...	1305	489	20	4.54	JUL 28...	0940	506	18	3.27
FEB 16...	1645	486	20	5.25	AUG 26...	1005	502	16	3.18
MAR 26...	1300	507	20	5.73	SEP 23...	0900	500	28	3.91



MARTIN COUNTY

WELL NUMBER.--271156080141201. Local Number M 1158. USGS Observation Well at Stuart, FL.

LOCATION.--Lat 27°11'56", long 80°14'12", in SE1/4SE1/4NE1/4 sec.4, T.38 S., R.41 E., Hydrologic Unit 03090202, approximately 1.4 mi north of the intersection of Palm Beach Road and U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 2 in., depth 128 ft, cased to 125 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

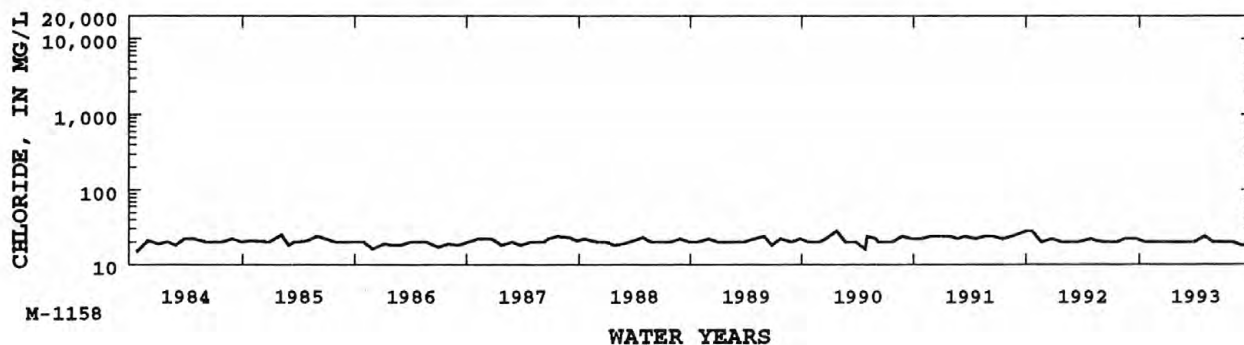
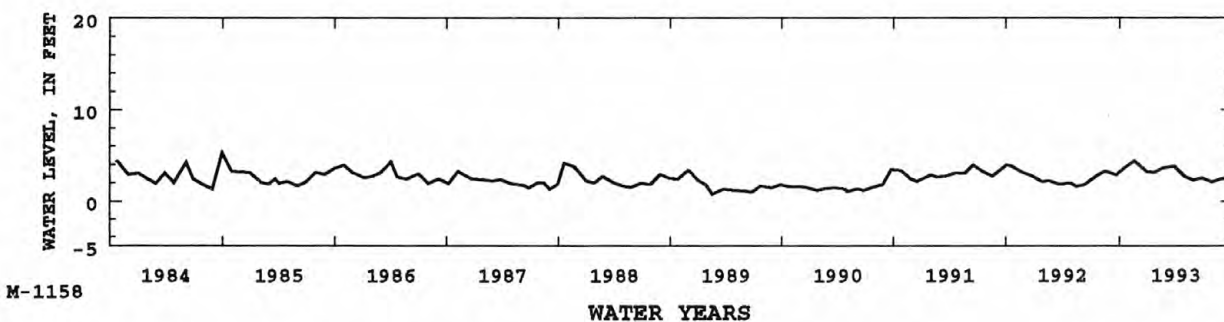
REMARKS.--Well is used for salinity monitoring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.24 ft NGVD, Sept. 28, 1984; lowest measured, 0.77 ft NGVD, June 26, 1981 and Feb. 15, 1989.

271156080141201 - M -1158

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
OCT 19...	1500	275	20	3.63	APR 30...	1250	252	24	2.63
NOV 18...	1420	277	20	4.35	MAY 28...	1500	301	20	2.30
DEC 28...	1340	232	20	3.15	JUN 23...	1500	453	20	2.47
JAN 22...	1250	420	20	3.08	JUL 28...	0925	459	20	2.05
FEB 16...	1630	405	20	3.60	AUG 26...	0955	445	18	2.40
MAR 26...	1315	449	20	3.80	SEP 23...	0845	444	18	2.57



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

WELL NUMBER.--271215080200802. Local Number M 1247. USGS Observation Well near Stuart, FL.

LOCATION.--Lat 27°12'15", long 80°20'08", in NE1/4NE1/4NE1/4 sec.4, T.38 S., R.40 E., Hydrologic Unit 03090202, 3.0 mi north of State Road 714 on Boat Ramp Road and 1.5 mi west of Florida Turnpike exit on State Road 714.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 107 ft, cased to 107 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.25 ft above land-surface datum.

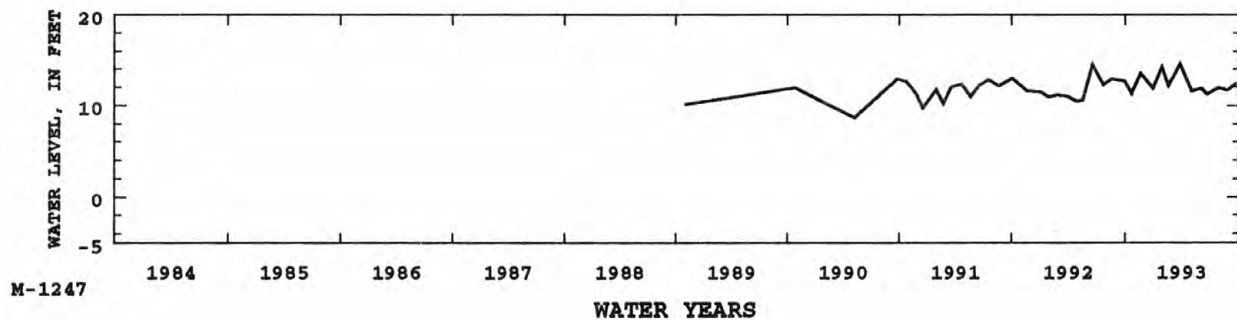
PERIOD OF RECORD.--October 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.58 ft NGVD, Mar. 26, 1993; lowest measured, 8.63 ft NGVD, May 8, 1990.

271215080200802 - M -1247

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
22...	1235	11.33	03...	1200	11.62
NOV			JUN		
20...	0955	13.57	02...	1030	11.87
DEC			22...	0915	11.26
30...	0950	11.86	JUL		
JAN			28...	1615	11.94
28...	1115	14.21	AUG		
FEB			27...	0935	11.68
17...	1510	12.16	SEP		
MAR			23...	1245	12.46
26...	1015	14.58			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
MARTIN COUNTY

633

WELL NUMBER.--271217080285301. Local Number M 1240. USGS Observation Well near Stuart, FL.

LOCATION.--Lat 27°12'17", long 80°28'53", in NW1/4NW1/4NW1/4 sec.6, T.38 S., R.39 E., Hydrologic Unit 03090202, about 15 mi west of Stuart, at the Martin County Correctional Institution, 2.95 mi north of intersection of State Road 609 with State Road 714.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 130 ft, cased to 125 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

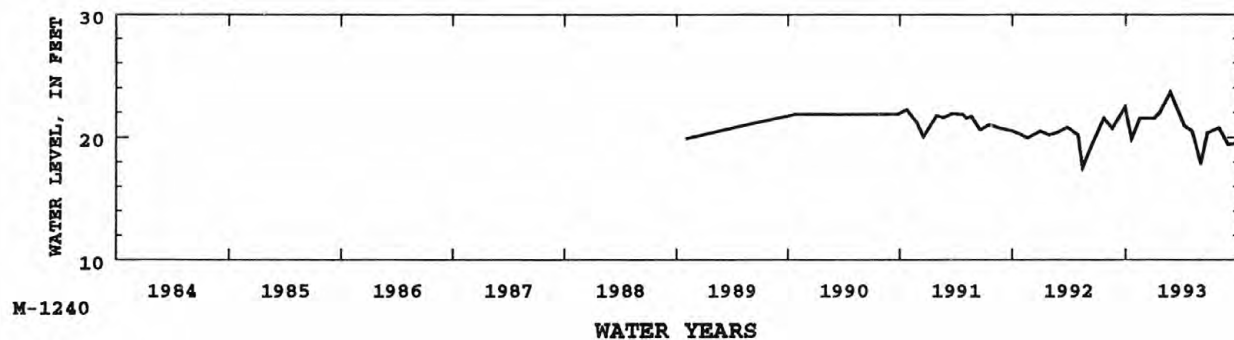
PERIOD OF RECORD.--October 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.62 ft NGVD, Feb. 22, 1993; lowest measured, 17.52 ft NGVD, May 15, 1992.

271217080285301 - M -1240

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
20...	1520	19.89	03...	1125	20.47
NOV			JUN		
16...	1630	21.52	01...	1555	17.83
DEC			22...	1005	20.32
31...	1600	21.52	JUL		
JAN			29...	0755	20.77
20...	1615	21.99	AUG		
FEB			27...	1015	19.41
22...	1710	23.62	SEP		
APR			23...	1225	19.51
08...	1000	20.90			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--271444080141101. Local Number M 1254. USGS Observation Well in Jensen Beach, FL.

LOCATION.--Lat 27°14'44", long 80°14'11", in SW1/4NW1/4NW1/4 sec.22, T.37 S., R.41 E., Hydrologic Unit 03090202, 0.1 mi north of Jensen Beach Boulevard on Savanna Road and 2.7 mi east of U.S. Highway 1 in Jensen Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 182 ft, cased to 105 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

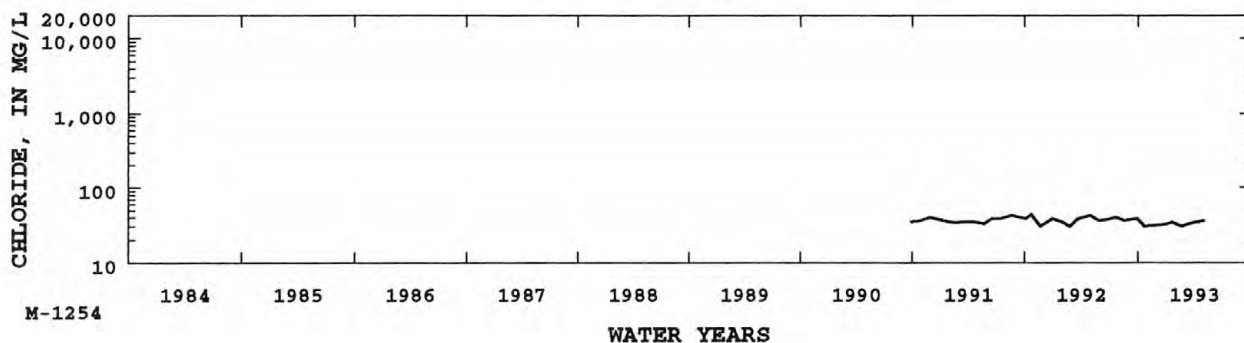
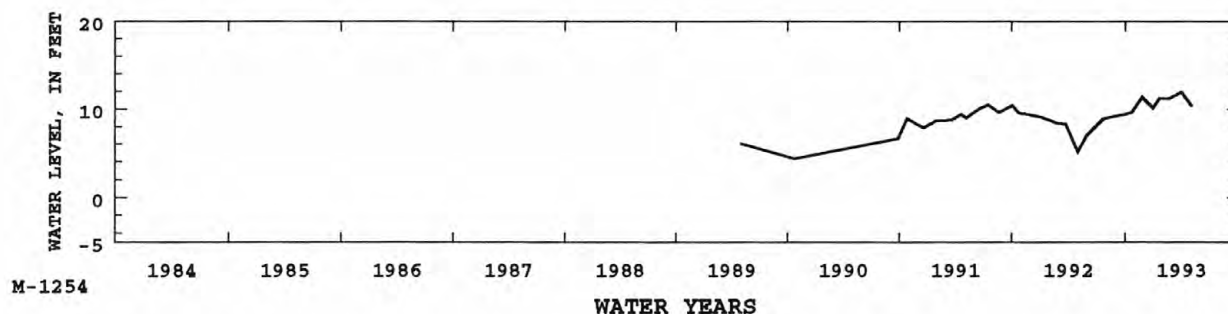
REMARKS.--Well is used for salinity monitoring. Well destroyed on June 2, 1993.

PERIOD OF RECORD.--May 1989 to June 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.92 ft NGVD, Mar. 30, 1993; lowest measured, 4.36 ft NGVD, Oct. 23, 1989.

271444080141101 - M -1254

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	ANCE	CON-	DIS-	ABOVE	ANCE	ANCE	CON-	DIS-	ABOVE
		DUCT-	SOLVED	NGVD			DUCT-	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
OCT					FEB				
22...	1410	608	30	9.62	19...	1100	624	30	11.20
NOV					MAR				
24...	1145	--	--	11.35	30...	1055	618	34	11.92
DEC					MAY				
28...	1510	603	32	10.17	03...	1335	632	36	10.36
JAN									
19...	1030	448	34	11.20					



MARTIN COUNTY

WELL NUMBER.--271444080141102. Local Number M 1268. USGS Observation Well in Jensen Beach, FL.

LOCATION.--Lat 27°14'44", long 80°14'11", in SW1/4NW1/4NW1/4 sec.22, T.37 S., R.41 E., Hydrologic Unit 03090202, 0.1 mi north of Jensen Beach Boulevard on Savana Road and 2.7 mi east of U.S. Highway 1 in Jensen Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 25 ft, cased to 24 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.44 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

REMARKS.--Well is used for salinity monitoring. Well destroyed on June 2, 1993.

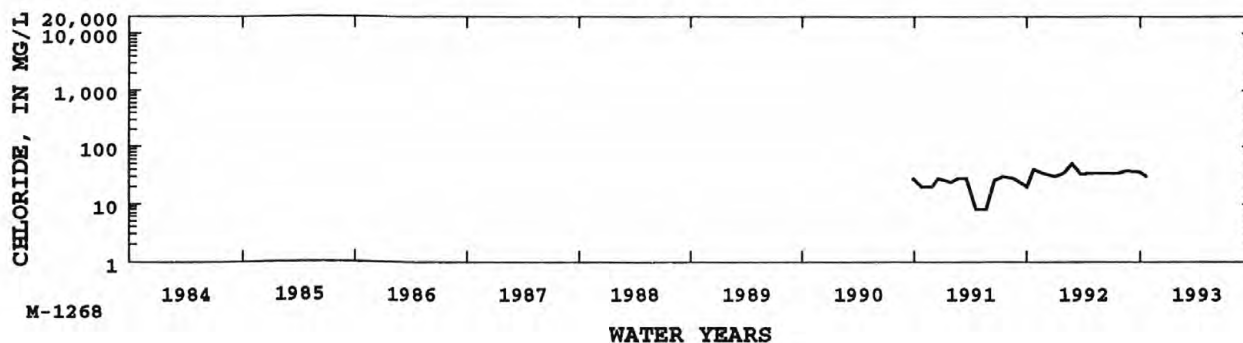
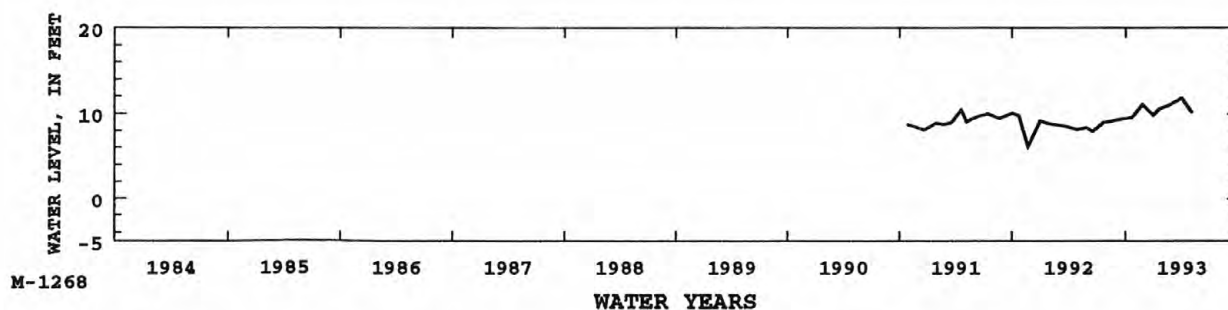
PERIOD OF RECORD.--September 1990 to June 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 11.82 ft NGVD, Mar. 30, 1993; lowest measured, 6.09 ft NGVD, Nov. 20, 1991.

271444080141102 - M -1268

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					FEB				
22...	1400	219	30	9.54	18...	1110	--	--	10.97
NOV					MAR				
24...	1150	--	--	11.04	30...	1100	--	--	11.82
DEC					MAY				
28...	1520	--	--	9.82	03...	1335	--	--	10.12
JAN									
19...	1040	--	--	10.59					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	ELEV- ATION ABOVE NGVD (FEET) (72020)
265731080222701	M	-1045	26 57 31 N	080 22 27 W	04-30-93	25.56
265822080052701	M	-1024	26 58 22 N	080 05 27 W	02-16-93	3.42
					03-16-93	3.45
					05-24-93	1.25
					06-24-93	0.99
					07-28-93	0.92
					08-24-93	1.37
					09-20-93	1.95
265903080340801	M	-1046	26 59 03 N	080 34 08 W	11-12-92	24.60
					04-30-93	22.84
265915080290001	M	-1085	26 59 15 N	080 29 00 W	11-12-92	24.14
					04-30-93	22.41
270004080121101	M	-1272	27 00 04 N	080 12 11 W	11-12-92	11.15
					05-05-93	8.50
270028080064301	M	-1093	27 00 28 N	080 06 43 W	11-10-92	3.75
270028080265403	M	-1243	27 00 28 N	080 26 54 W	11-12-92	23.67
					04-30-93	21.65
270117080070301	M	-1073	27 01 17 N	080 07 03 W	11-10-92	5.79
					04-29-93	5.49
270151080330202	M	-1262	27 01 51 N	080 33 02 W	11-16-92	20.67
					04-30-93	19.91
270220080222001	M	-1081	27 02 20 N	080 22 20 W	11-12-92	17.68
					05-05-93	16.32
270237080094901	M	-1259	27 02 37 N	080 09 49 W	11-10-92	13.32
					04-28-93	12.39
270237080094902	M	-1260			11-10-92	13.31
					04-28-93	12.34
270331080182201	M	-1049	27 03 31 N	080 18 22 W	11-12-92	21.85
					05-05-93	19.82
270331080182202	M	-1239			11-12-92	21.69
					05-05-93	19.73
270401080255101	M	-1263	27 04 01 N	080 25 51 W	11-16-92	23.56
					04-30-93	22.72
270427080260101	M	-1237	27 04 27 N	080 26 01 W	11-13-92	23.49
					04-30-93	22.05
270441080332402	M	-1066	27 04 41 N	080 33 24 W	11-16-92	30.14
					05-05-93	28.31
270500080122501	M	-1271	27 05 00 N	080 12 25 W	11-10-92	9.00
270507080285501	M	-1079	27 05 07 N	080 28 55 W	11-16-92	25.71
					05-05-93	24.43
270609080163401	M	-1261	27 06 09 N	080 16 34 W	01-28-93	12.81
					02-18-93	11.58
					03-26-93	13.19
					04-23-93	11.25
					06-01-93	11.19
					06-22-93	10.29
					07-28-93	10.77
					08-26-93	9.86

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	ELEV- ATION ABOVE NGVD (FEET) (72020)
270612080211101	M	-1278	27 06 12 N	080 21 11 W	11-13-92 05-05-93	25.15 22.88
270618080103001	M	-1269	27 06 18 N	080 10 30 W	11-10-92	14.24
270624080212001	M	-1276	27 06 24 N	080 21 20 W	11-13-92 05-05-93	25.28 24.90
270624080212002	M	-1277			11-13-92 05-05-93	23.64 22.99
270632080210701	M	-1279	27 06 32 N	080 21 07 W	11-13-92	24.17
270720080190601	M	-1274	27 07 20 N	080 19 06 W	11-10-92 05-05-93	21.57 19.44
270720080312001	M	-1249	27 07 20 N	080 31 20 W	11-16-92 05-05-93	41.52 40.57
270720080312002	M	-1250			11-16-92	41.90
270845080144301	M	-1140	27 08 45 N	080 14 43 W	12-01-92 03-09-93 05-13-93 08-25-93	8.32 7.30 6.97 7.10
270845080144302	M	-1197	27 08 45 N	080 14 43 W	05-13-93 08-25-93	9.48 9.00
270859080133201	M	-1199	27 08 59 N	080 13 32 W	12-03-92 03-09-93 05-13-93 08-26-93	13.39 12.75 12.38 12.05
270913080284901	M	-1255	27 09 13 N	080 28 49 W	11-16-92 01-13-93 01-20-93 02-22-93 03-29-93 04-22-93 06-01-93 06-22-93 07-29-93 08-27-93	24.06 24.36 24.14 23.84 24.85 24.03 24.27 23.71 23.78 23.75
270930080144801	M	-1196	27 09 30 N	080 14 48 W	12-01-92 03-09-93 05-13-93 08-25-93	7.96 6.65 6.23 5.69
270931080403801	M	-1041	27 09 31 N	080 40 38 W	05-05-93	23.03
270937080132501	M	-1198	27 09 37 N	080 13 25 W	12-01-92 03-09-93 05-13-93 08-25-93	13.89 12.97 12.26 11.56
270938080142501	M	-1195	27 09 38 N	080 14 25 W	12-01-92 03-09-93 05-13-93 08-25-93	13.17 11.78 10.87 10.42
270942080250401	M	-1037	27 09 42 N	080 25 04 W	11-16-92 05-05-93	25.95 25.07

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	ELEV- ATION ABOVE NGVD (FEET) (72020)
270943080145703	M	-1148	27 09 43 N	080 14 57 W	12-03-92	5.71
					03-09-93	4.89
					04-30-93	5.27
					08-26-93	4.68
270949080135801	M	-1144	27 09 49 N	080 13 58 W	12-01-92	15.62
					03-09-93	14.20
					05-13-93	13.16
					08-25-93	13.04
270949080140001	M	-1145	27 09 49 N	080 14 00 W	12-01-92	13.13
					03-09-93	7.27
					05-13-93	10.96
					08-25-93	11.07
270951080135601	M	-1143	27 09 51 N	080 13 56 W	12-01-92	15.51
					03-09-93	13.89
					05-13-93	12.93
					08-26-93	12.52
270951080135602	M	-1142			12-01-92	14.57
					03-09-93	14.57
					05-13-93	12.37
					08-26-93	10.52
270951080335501	M	-1042	27 09 51 N	080 33 55 W	11-16-92	33.05
					05-05-93	31.77
270959080141301	M	-1206	27 09 59 N	080 14 13 W	12-01-92	13.92
					03-09-93	13.13
					05-13-93	11.93
					08-25-93	12.23
271000080130001	M	-1282	27 10 00 N	080 13 00 W	12-01-92	15.07
					03-09-93	13.90
					05-13-93	13.34
					08-25-93	12.79
271001080141301	M	-1205	27 10 01 N	080 14 13 W	12-01-92	12.47
					03-09-93	12.60
					05-13-93	11.53
					08-25-93	11.87
271005080142101	M	-1184	27 10 05 N	080 14 21 W	12-01-92	14.00
					03-09-93	12.35
					05-13-93	11.44
					08-26-93	11.10
271005080142102	M	-1185			12-01-92	12.90
					03-09-93	12.24
					05-13-93	11.36
					08-26-93	11.00
271007080131001	M	-1134	27 10 07 N	080 13 10 W	12-01-92	13.93
					03-09-93	11.66
					05-13-93	9.99
					08-25-93	11.32
271007080131002	M	-1135			12-01-92	13.75
					03-09-93	12.36
					05-13-93	11.78
					08-25-93	11.11

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

639

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	ELEV- ATION ABOVE NGVD (FEET) (72020)
271007080134701	M	-1194	27 10 07 N	080 13 47 W	12-03-92	15.24
					03-09-93	12.94
					05-13-93	13.83
					08-26-93	12.90
271010080141301	M	-1151	27 10 10 N	080 14 13 W	12-03-92	14.16
					03-09-93	13.22
					05-13-93	12.12
					08-26-93	11.66
271010080141302	M	-1167			12-03-92	14.20
					03-09-93	13.29
					05-13-93	12.20
					08-26-93	11.92
271010080142301	M	-1152	27 10 10 N	080 14 23 W	03-09-93	11.70
					05-13-93	11.06
					08-26-93	10.16
271018080125102	M	-1056	27 10 18 N	080 12 51 W	12-01-92	7.07
					03-09-93	5.84
					05-13-93	5.60
					08-25-93	5.16
271018080125103	M	-1164			12-01-92	7.20
					03-09-93	5.88
					05-13-93	5.68
					08-25-93	5.31
271021080142701	M	-1176	27 10 21 N	080 14 27 W	12-03-92	12.52
					03-09-93	11.47
					05-13-93	10.93
					08-26-93	9.97
271023080121001	M	-1163	27 10 23 N	080 12 10 W	12-01-92	2.94
					03-09-93	1.88
					05-03-93	2.12
					05-13-93	1.31
					08-25-93	1.31
271026080142701	M	-1175	27 10 26 N	080 14 27 W	12-03-92	12.07
					03-09-93	11.03
					05-13-93	9.54
					08-26-93	9.61
271030080141901	M	-1154	27 10 30 N	080 14 19 W	12-03-92	11.91
					03-09-93	11.23
					05-13-93	10.78
					08-26-93	9.83
271030080142601	M	-1153	27 10 30 N	080 14 26 W	12-03-92	11.78
					03-09-93	10.76
					05-13-93	10.26
					08-26-93	9.35
271030080142602	M	-1166			12-03-92	8.33
					03-09-93	7.29
					05-13-93	6.83
					08-26-93	5.90
271032080135301	M	-1193	27 10 32 N	080 13 53 W	12-01-92	11.59

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS MARTIN COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE, AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
271032080135301	M	-1193	27 10 32 N	080 13 53 W	03-09-93	--	--	9.61
					05-13-93	--	--	9.86
					08-25-93	--	--	7.82
271114080152701	M	-1168	27 11 14 N	080 15 27 W	12-03-92	--	--	2.62
					03-09-93	--	--	2.07
					05-13-93	--	--	1.61
					08-26-93	--	--	1.71
271123080135102	M	-1156	27 11 23 N	080 13 51 W	12-01-92	--	--	5.02
					03-09-93	--	--	4.58
					04-30-93	--	--	3.50
					08-25-93	--	--	2.77
271127080144702	M	-1150	27 11 27 N	080 14 47 W	12-01-92	--	--	6.99
					03-09-93	--	--	5.66
					05-13-93	--	--	5.19
					08-25-93	--	--	4.62
271148080141202	M	-1157	27 11 48 N	080 14 12 W	12-01-92	--	--	3.17
					03-09-93	--	--	5.14
					04-30-93	--	--	4.94
					08-25-93	--	--	3.54
271150080164201	M	-1256	27 11 50 N	080 16 42 W	11-10-92	--	--	4.60
271217080232801	M	-1248	27 12 17 N	080 23 28 W	11-16-92	--	--	22.87
					05-05-93	--	--	20.46
271315080132601	M	-1043	27 13 15 N	080 13 26 W	11-24-92	189	20	12.90
					01-19-93	--	--	7.50
					02-19-93	187	20	7.95
					03-30-93	167	20	11.16
					05-03-93	326	38	7.63
					06-02-93	369	26	6.30
					06-23-93	370	22	5.88
					07-29-93	322	36	6.01
					08-27-93	263	20	5.69

Palm Beach County

VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 12

Palm Beach County

Index Number	Site Number	Well Name	Page Number
1	264005080233501	PB 99	669
2	263328080085201	PB 445	666
3	262117080055001	PB 490	647
4	262114080054001	PB 491	645
5	262120080053201	PB 492	648
6	264230080120501	PB 561	671
7	265812080053901	PB 565	676
8	262130080055401	PB 567	649
9	264731080035501	PB 620	683
10	263524080124301	PB 683	667
11	264208080192201	PB 685	686
12	265633080203001	PB 689	691
13	265215080031301	PB 710	687
14	265114080173101	PB 715	684
15	262218080070101	PB 732	650
16	265803080052502	PB 746	675
17	265550080071801	PB 789	680
18	264123080053801	PB 809	670
19	265106080241402	PB 831	673
20	265611080081201	PB 832	674
21	265439080102904	PB 875	681
22	265439080102901	PB 880	682
23	262435080042901	PB 895	657
24	262435080042902	PB 896	658
25	262436080042801	PB 897	662
26	262534080085102	PB 900	665
27	262435080042904	PB 948	659
28	261950080074301	PB 1063	644
29	262808080131701	PB 1107	678
30	262403080141301	PB 1108	677
31	263755080102605	PB 1155	679
32	262424080044601	PB 1158	656
33	262442080044901	PB 1159	663
34	262453080044001	PB 1160	664
35	262114080064502	PB 1455	646
36	262253080051101	PB 1456	651
37	262313080044401	PB 1457	652
38	262317080074601	PB 1491	653
39	262435080043002	PB 1495	660
40	262435080043601	PB 1496	661
41	265606080135502	PB 1547	685
42	265606080135503	PB 1548	690
43	265427080241501	PB 1613	689
44	265427080241502	PB 1615	688
45	263656080033502	PB 1639	668
46	262415080074501	PB 1660	655
47	262410080090801	PB 1661	654
48	264839080115001	PB 1662	672

VOLUME 2B: SOUTH FLORIDA

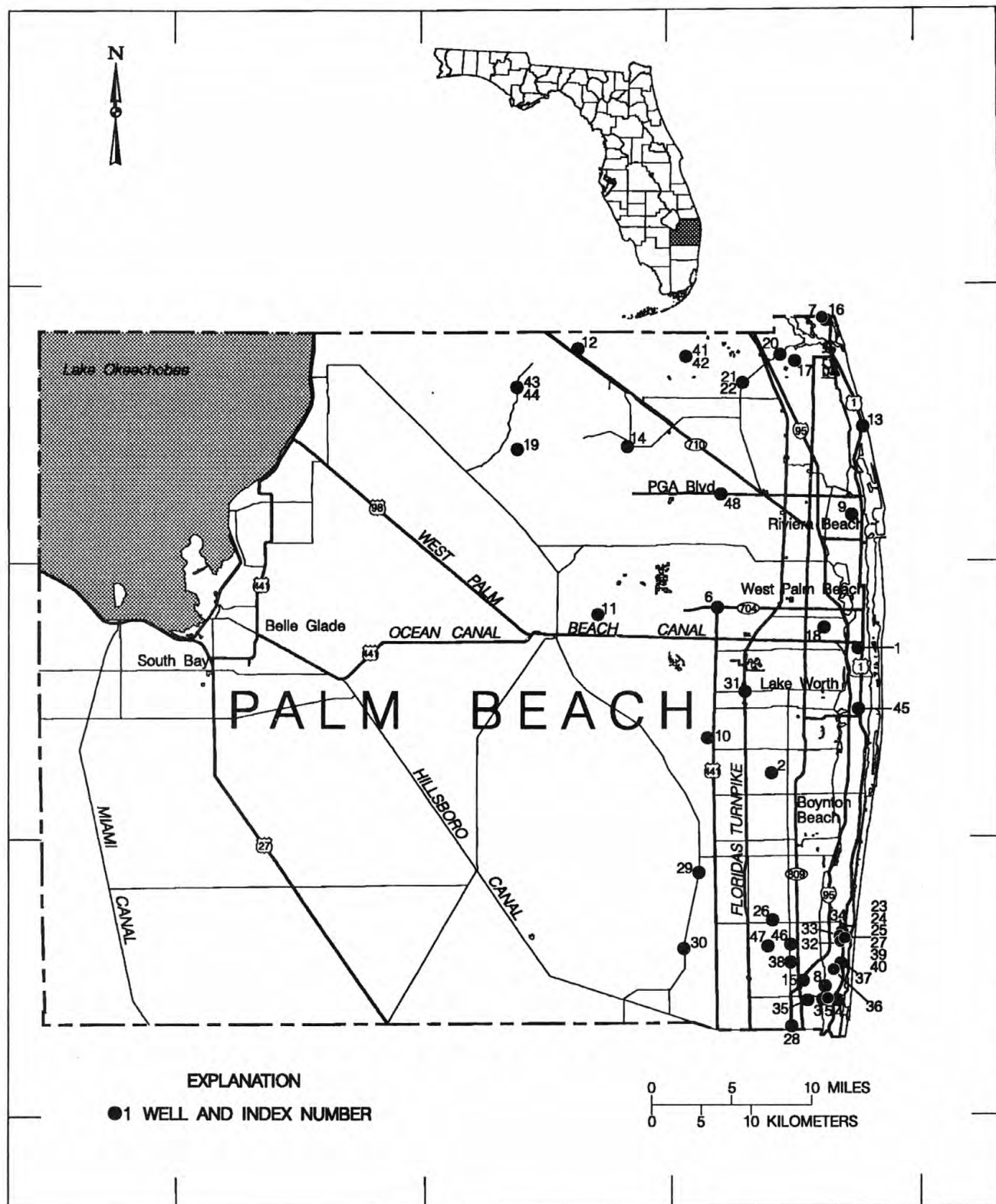


Figure 12: Location of wells in Palm Beach County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--261950080074301. Local Number PB 1063. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°19'50", long 80°07'43", in NW1/4SW1/4NE1/4 sec.35, T.47 S., R.42 E., Hydrologic Unit 03090202, 0.7 mi west and 1.3 mi south of the intersection of I-95 and Palmetto Park Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 134 ft, cased to 129 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

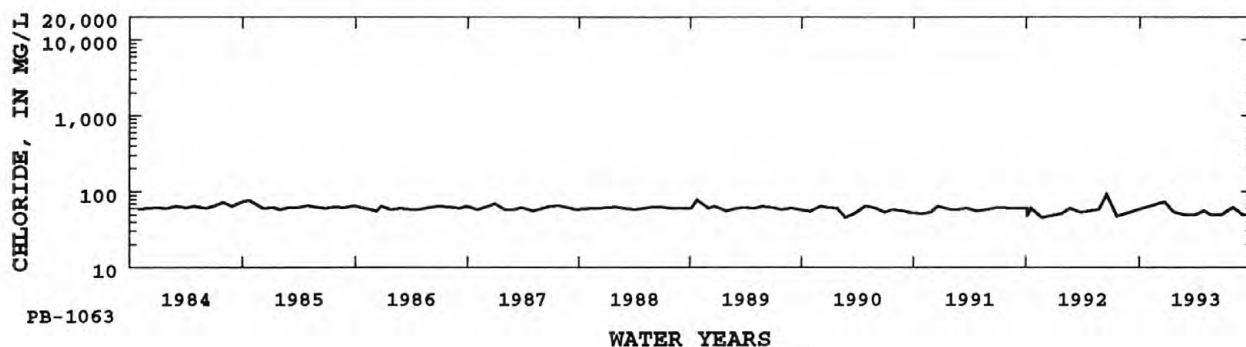
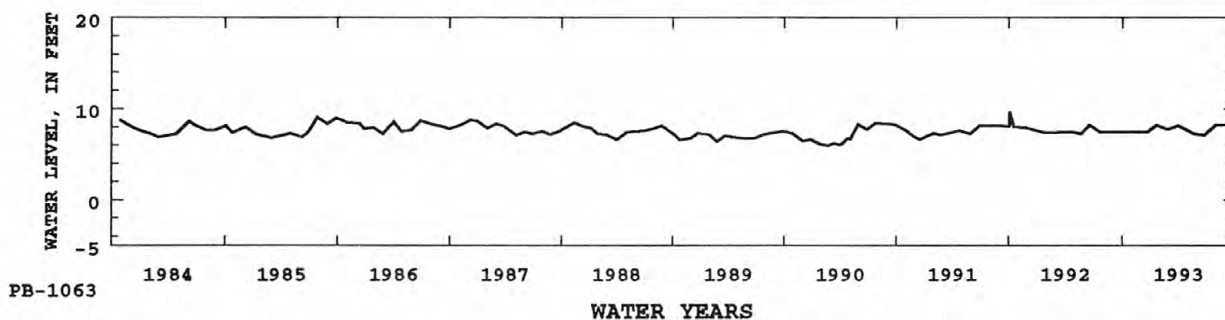
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--May 1978 to September 1980 (intermittent), October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.65 ft NGVD, Oct. 3, 1991; lowest measured, 5.93 ft NGVD, Feb. 20, 1990.

261950080074301 - PB -1063

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
DEC					MAY				
21...	1135	654	74	7.43	19...	1240	580	50	7.21
JAN					JUN				
19...	1215	590	54	8.14	21...	1657	585	50	7.07
FEB					JUL				
24...	1330	580	50	7.68	29...	0815	659	62	8.18
MAR					AUG				
29...	1400	584	50	8.12	31...	1525	584	50	8.19
APR					SEP				
27...	0835	603	56	7.61	22...	1155	581	50	7.89



PALM BEACH COUNTY

WELL NUMBER.--262114080054001. Local Number PB 491. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°21'14", long 80°05'40", in NE1/4SE1/4SW1/4 sec.20, T.47 S.,R.43 E., Hydrologic Unit 03090202, near the corner of NE 4th Avenue and NE 4th Street, 0.25 mi north and 0.4 mi east of the intersection of Palmetto Park Road and U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation well, diameter 2 in., depth 207 ft, cased to 202 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

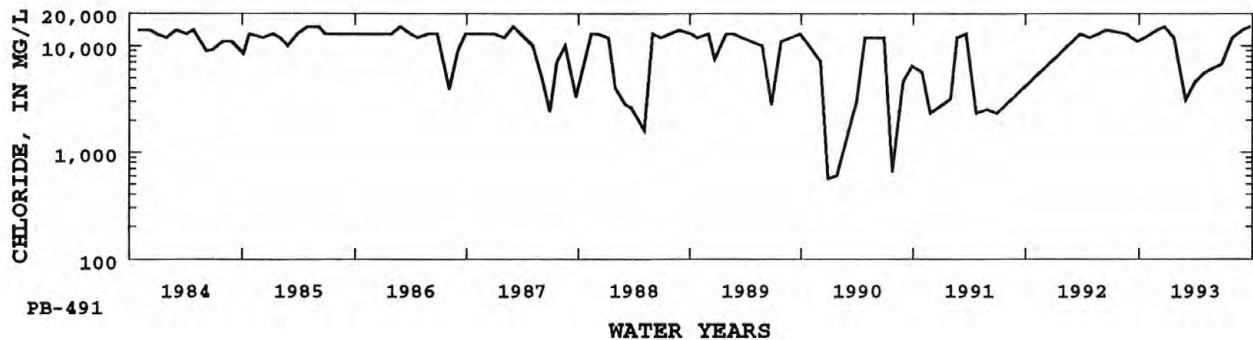
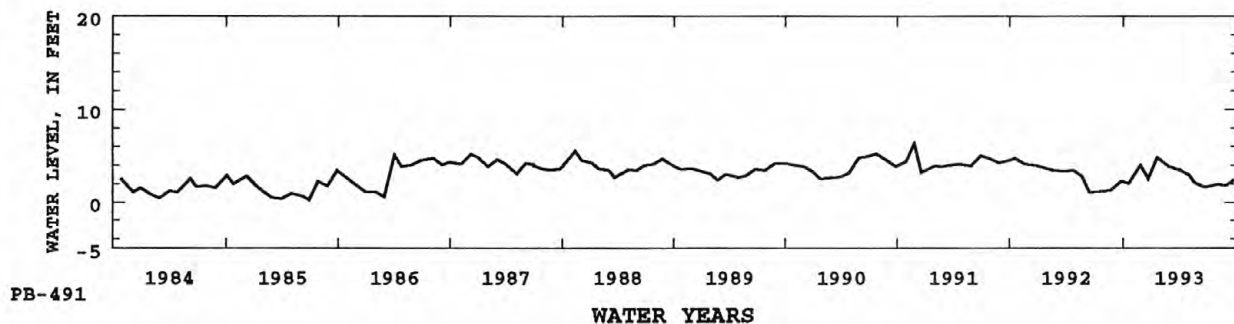
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--May 1974 to October 1982, (intermittent), November 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.28 ft NGVD, Nov. 26, 1990; lowest measured, 0.90 ft below NGVD, May 7, 1974.

262114080054001 - PB - 491

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993								
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-
		SOLVED	AS CL)	NGVD			SOLVED	AS CL)
(US/CM)	(MG/L	(FEET)			(US/CM)	(MG/L	(FEET)	
OCT					APR			
20...	1215	34100	12000	2.05	30...	1025	17000	5600
NOV					MAY			
27...	1450	39900	14000	4.02	20...	1220	17700	6000
DEC					JUN			
21...	1440	39600	15000	2.57	22...	1315	19700	6700
JAN					JUL			
20...	1535	31700	12000	4.86	29...	0930	35700	12000
FEB					AUG			
26...	1225	11700	3100	3.84	31...	1730	38700	14000
MAR					SEP			
31...	1105	13900	4600	3.51	23...	1200	37500	15000



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--262114080064502. Local Number PB 1455. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°21'14", long 80°06'45", in SW1/4NW1/4SE1/4 sec.24, T.47 S., R.42 E., Hydrologic Unit 03090202, 0.3 mi north and 0.5 mi east of the intersection of Palmetto Park Road and I-95.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 157 ft, cased to 152 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 9.91 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

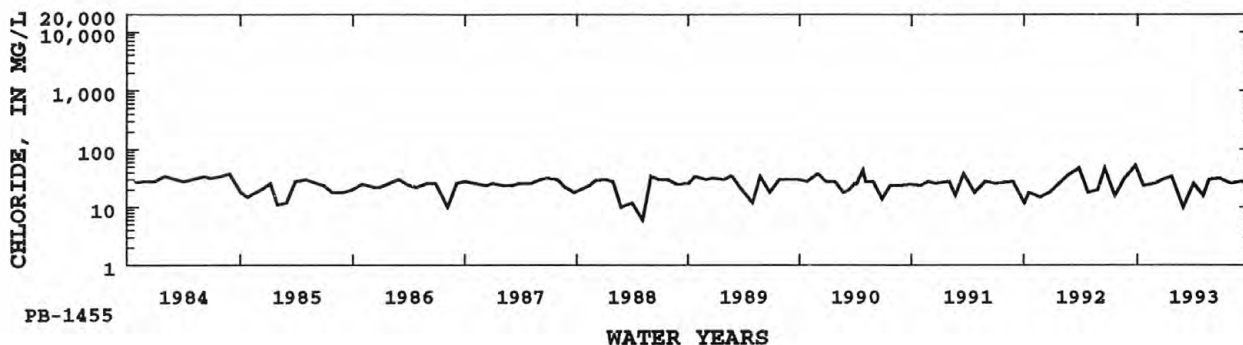
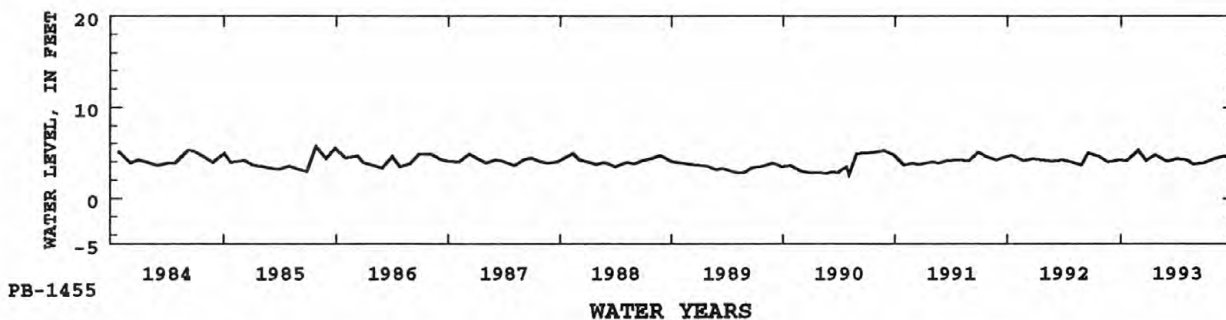
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--January 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.69 ft NGVD, July 26, 1985; lowest measured, 2.63 ft NGVD, May 4, 1990.

262114080064502 - PB -1455

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE (US/CM)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
OCT					APR				
19...	1310	557	24	4.12	30...	1100	252	16	4.24
NOV					MAY				
27...	1245	657	26	5.26	20...	1300	647	30	3.81
DEC					JUN				
21...	1200	635	30	4.11	22...	1340	668	32	3.89
JAN					JUL				
20...	1605	595	34	4.79	29...	1050	638	26	4.38
FEB					AUG				
26...	1245	240	10	4.07	31...	1625	634	28	4.60
MAR					SEP				
31...	1130	642	26	4.33	23...	1225	651	26	4.41



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

647

WELL NUMBER.--262117080055001. Local Number PB 490. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°21'17", long 80°05'50", in SE1/4NE1/4SW1/4 sec.19, T.47 S., R.43 E., Hydrologic Unit 03090202, near the corner of NW 6th Avenue and NW 6th Street, 0.3 mi north and 0.65 mi west of the intersection of Palmetto Park Road and U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation well, diameter 2 in., depth 127 ft, cased to 122 ft, screened 122 to 127 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 10.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

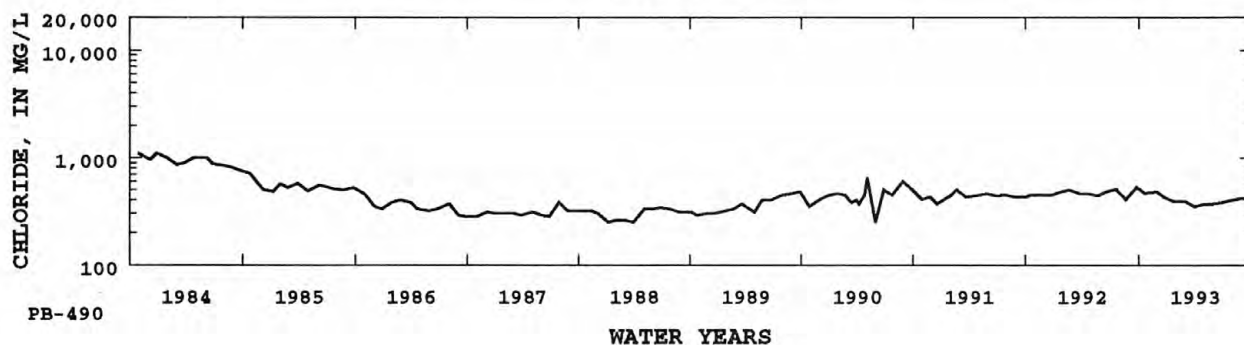
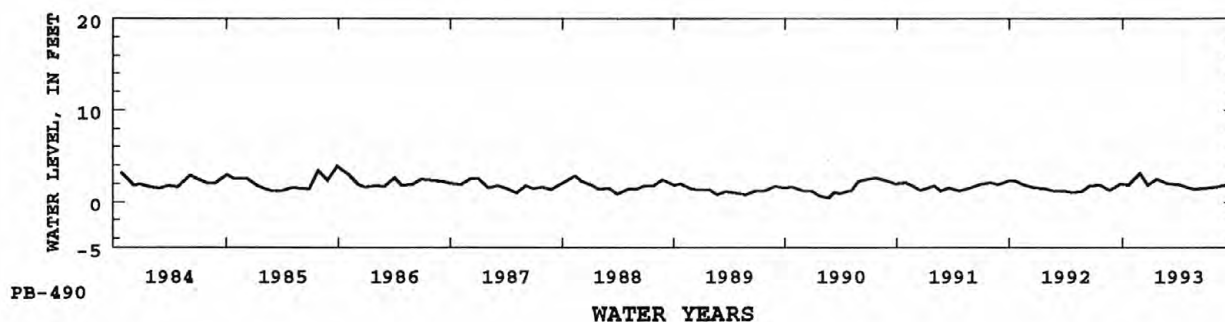
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--May 1974 to December 1981 (intermittent), January 1982 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.89 ft NGVD, Sept. 26, 1985; lowest measured, 0.43 ft NGVD, Feb. 20, 1990.

262117080055001 - PB - 490

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
20...	1140	2000	470	1.84	30...	0950	1540	370	1.55
NOV					MAY				
27...	1150	1980	480	3.12	20...	1140	1630	370	1.46
DEC					JUN				
21...	1325	1850	430	1.85	22...	1224	1660	380	1.48
JAN					JUL				
20...	1455	1580	390	2.48	29...	1018	1720	400	1.62
FEB					AUG				
26...	1150	1540	390	2.00	31...	1650	1790	420	1.82
MAR					SEP				
31...	1020	1570	350	1.89	23...	1135	1750	410	1.85



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--262120080053201. Local Number PB 492. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°21'20", long 80°05'32", in SW1/4NE1/4SE1/4 sec.19, T.47 S., R.43 E., Hydrologic Unit 03090202, at the corner of Diagonal Street and NW 6th Street, 0.4 mi north and 0.4 mi west of the intersection of Palmetto Park Road and U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation well, diameter 2 in., depth 163 ft, cased to 161 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.22 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

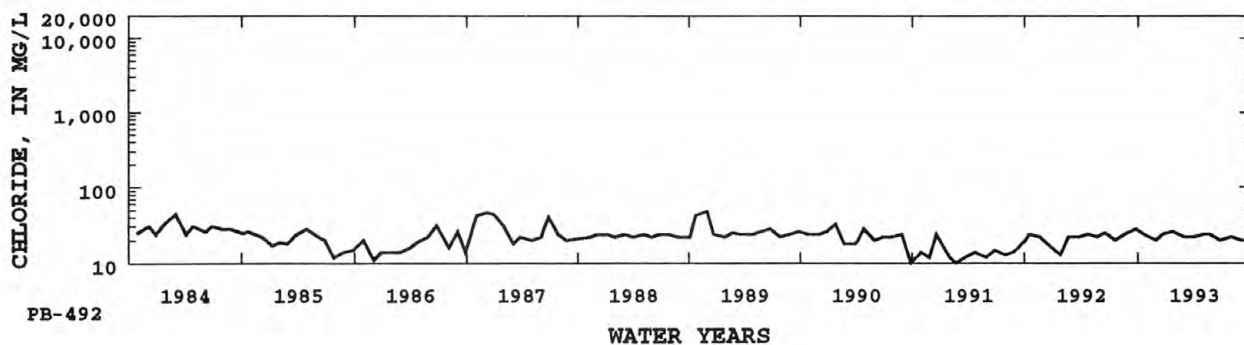
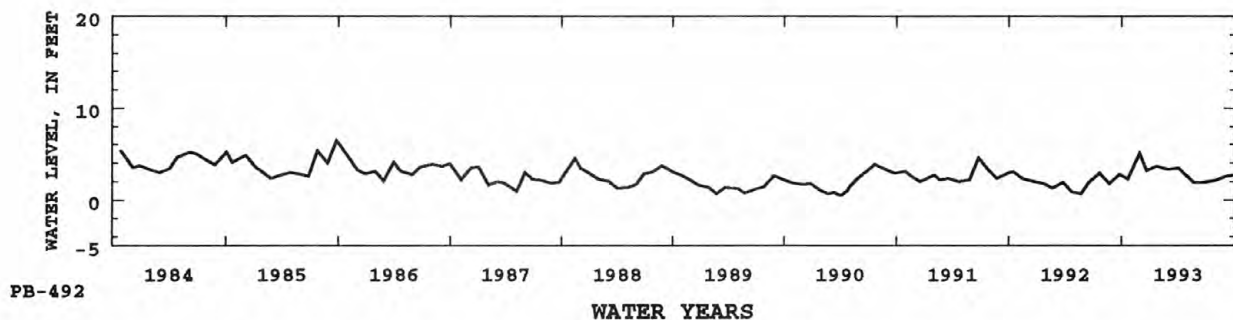
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--May 1974 to February 1981 (intermittent), March 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.44 ft NGVD, Sept. 26, 1985; lowest measured, 0.07 ft NGVD, May 7, 1974.

262120080053201 - PB - 492

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS CL)	NGVD			SOLVED	AS CL)	NGVD
		(US/CM)		(FEET)			(US/CM)		(FEET)
OCT					APR				
20...	1150	428	24	2.30	30...	0930	381	24	2.52
NOV					MAY				
27...	1200	457	20	5.05	20...	1128	367	24	1.95
DEC					JUN				
21...	1340	431	24	3.18	22...	1200	417	20	1.93
JAN					JUL				
20...	1435	406	26	3.65	29...	1028	433	22	2.14
FEB					AUG				
26...	1138	414	22	3.29	31...	1705	428	20	2.57
MAR					SEP				
31...	1005	396	22	3.48	23...	1125	433	20	2.69



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

649

WELL NUMBER.--262130080055401. Local Number PB 567. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°22'00", long 80°05'42", in SW1/4SW1/4NE1/4 sec.18, T.47 S., R.43 E., Hydrologic Unit 03090202, on the east bank of El Rio Canal at NW 17th Street, 0.25 mi north of Glades Road and 1.5 mi east of I-95.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation well, diameter 2 in., depth 92 ft, cased to 90 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 4.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.65 ft above land-surface datum.

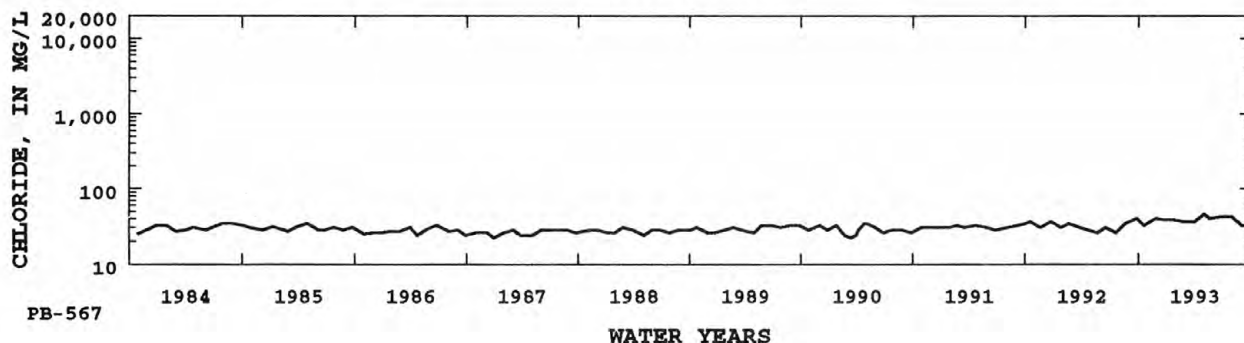
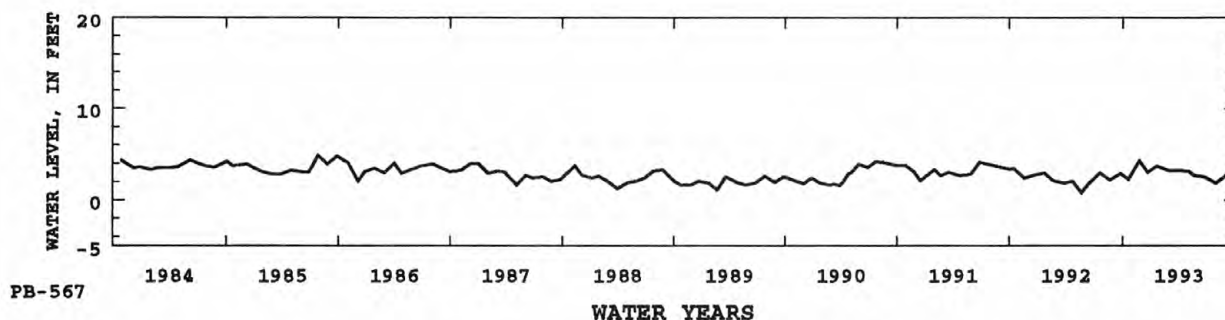
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.85 ft NGVD, July 26, 1985; lowest measured 0.63 ft Mar. 18, 1981.

262130080055401 - PB - 567

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS	NGVD			SOLVED	AS	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
OCT					APR				
20...	1100	453	32	2.27	30...	0905	454	46	3.16
NOV					MAY				
25...	1600	441	40	4.26	20...	1100	432	40	2.68
DEC					JUN				
21...	1300	448	38	3.02	22...	1125	469	42	2.50
JAN					JUL				
20...	1410	430	38	3.75	29...	1145	468	42	1.88
FEB					AUG				
26...	1100	428	36	3.21	31...	1800	442	32	2.65
MAR					SEP				
31...	0935	426	36	3.28	23...	1100	444	32	2.82



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--262218080070101. Local Number PB 732. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°22'18", long 80°07'01", in NE1/4SW1/4 sec.13, T.47 S., R.42 E., Hydrologic Unit 03090202, 800 ft north of Glades Road, and 9.0 ft east of Military Trail in Boca Raton.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 100 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 10.38 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.00 ft above land-surface datum.

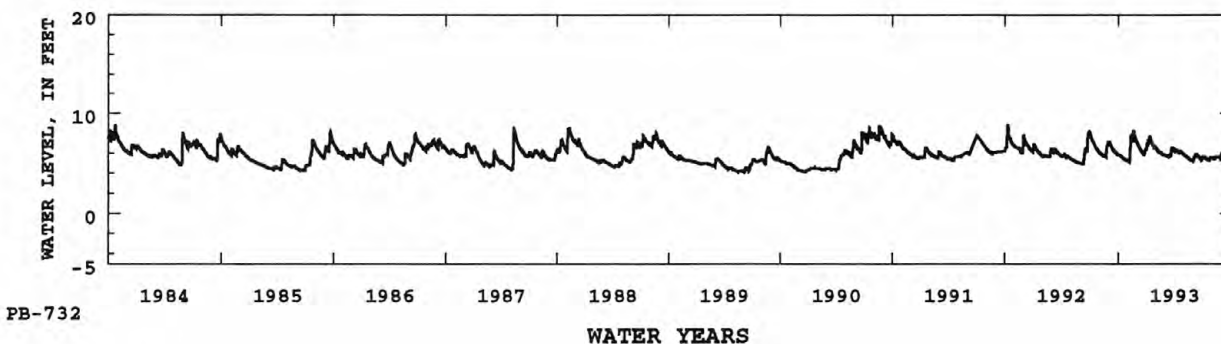
PERIOD OF RECORD.--March 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 9.46 ft NGVD, Oct. 6, 1974; lowest, 3.43 ft NGVD, May 6, 1981.

STATION NUMBER 262218080070101 PB - 732
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.81	5.11	6.70	7.27	6.24	5.72	6.25	5.72	5.77	5.60	5.40	6.01
10	5.66	7.65	6.37	7.62	6.06	5.65	6.14	5.60	5.82	5.45	5.59	5.99
15	5.51	7.35	6.13	7.15	6.00	5.73	5.99	5.44	5.66	5.33	5.56	6.35
20	5.38	8.17	5.92	6.80	5.89	5.88	6.11	5.34	5.47	5.26	5.58	6.22
25	5.32	7.58	6.09	6.63	5.80	6.46	5.97	5.24	5.34	5.54	5.48	6.02
EOM	5.19	7.07	6.30	6.43	5.79	6.29	5.83	5.42	5.62	5.51	6.01	6.09
MEAN	5.51	6.97	6.30	6.98	6.02	5.96	6.09	5.46	5.59	5.46	5.56	6.11
MAX	5.83	8.18	6.99	7.63	6.37	6.53	6.31	5.83	5.86	5.63	6.01	6.36
MIN	5.19	5.11	5.77	6.43	5.79	5.62	5.83	5.19	5.31	5.25	5.35	5.95

WTR YR 1993 MEAN 6.00 MAX 8.18 MIN 5.11



PB-732

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

651

WELL NUMBER.--262253080051101. Local Number PB 1456. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°22'53", long 80°05'11", in SW1/4SW1/4SW1/4 sec.8, T.47 S., R.43 E., Hydrologic Unit 03090202, 0.7 mi west and 1.0 mi south of the intersection of U.S. Highway 1 and Yamato Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 181 ft, cased to 175 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .79 ft below land-surface datum.

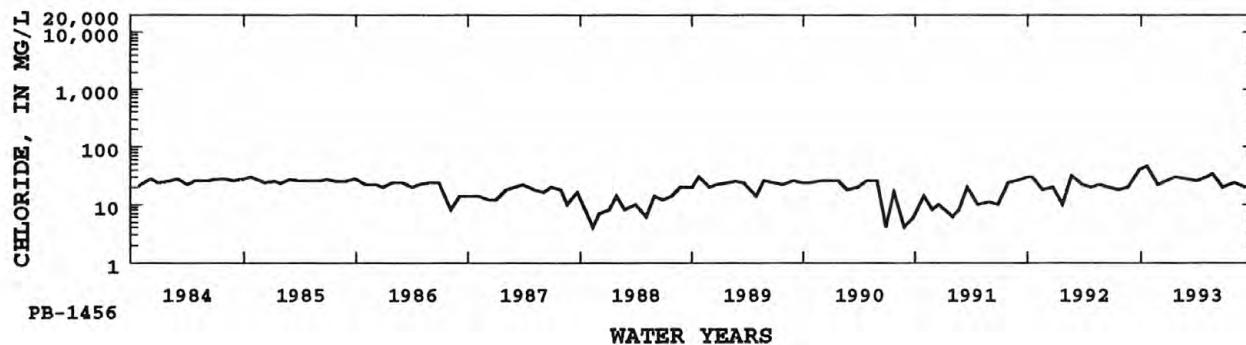
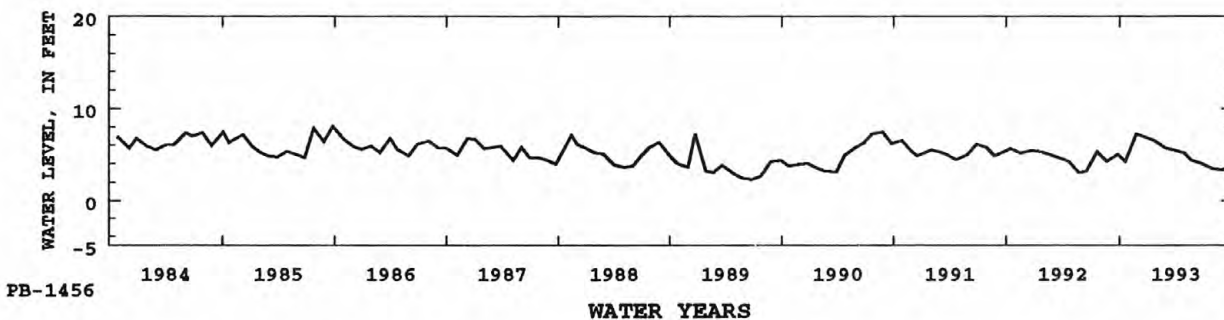
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--March 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.05 ft NGVD, Sept. 26, 1985; lowest measured, 2.27 ft NGVD, June 26, 1989.

262253080051101 - PB -1456

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAY				
20...	1230	461	46	4.19	20...	1020	430	34	4.36
NOV					JUN				
25...	1510	421	22	7.21	22...	1006	364	20	4.04
JAN					JUL				
20...	1335	398	30	6.51	29...	1205	389	24	3.40
FEB					SEP				
26...	1025	381	28	5.66	01...	0820	362	20	3.29
MAR					23...	1030	391	22	3.74
31...	0900	339	26	5.42					
APR									
30...	0830	362	30	5.09					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--262313080044401. Local Number PB 1457. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°23'13", long 80°04'44", in SW1/4SW1/4NE1/4 sec.8, T.47 S., R.43 E., Hydrologic Unit, 03090202, approximately 0.05 mi north and 0.1 mi west of the intersection of Spanish River Boulevard and U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, depth 193 ft, screened 188 to 193 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

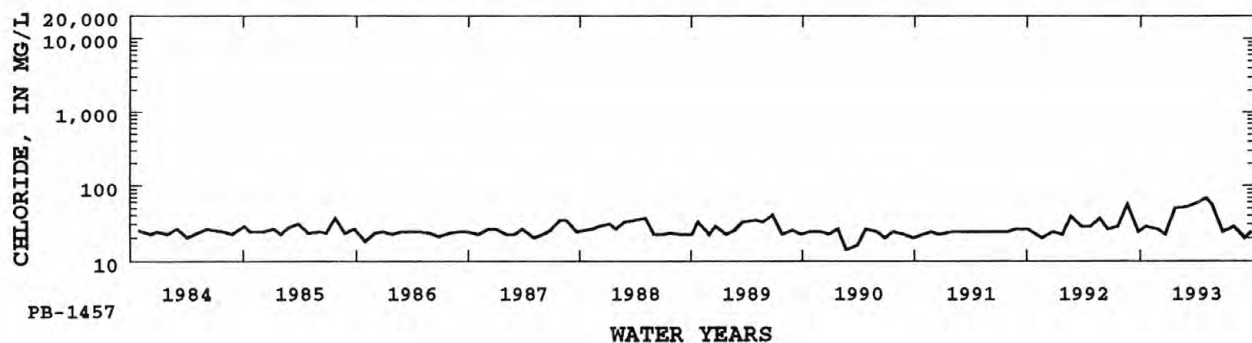
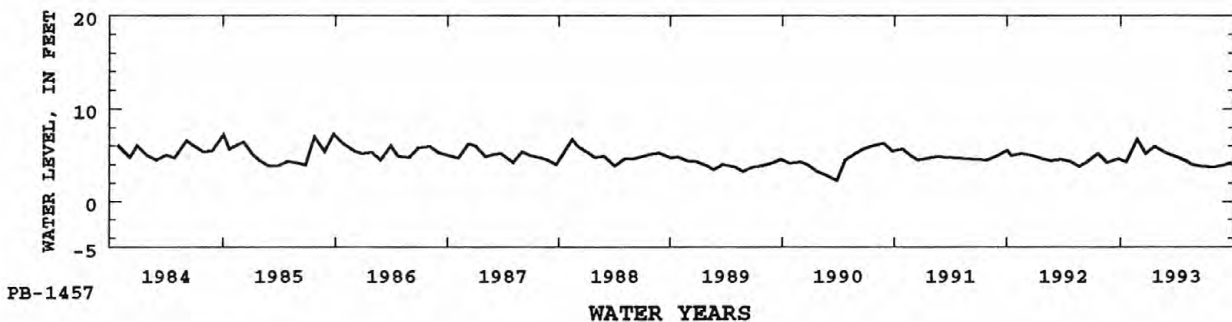
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--April 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.26 ft NGVD, Sept. 26, 1985; lowest measured, 2.24 ft NGVD, Mar. 29, 1990.

262313080044401 - PB -1457

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
20...	1245	485	28	4.25	29...	1830	504	68	4.43
NOV					MAY				
25...	1455	480	26	6.72	20...	1000	477	56	4.01
DEC					JUN				
21...	1420	484	22	5.19	22...	0937	494	24	3.79
JAN					JUL				
20...	1320	500	50	5.98	29...	1220	435	28	3.73
FEB					SEP				
26...	1000	466	52	5.25	01...	0800	455	20	3.96
MAR					23...	1010	471	24	4.21
31...	0815	478	58	4.85					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

653

WELL NUMBER.--262317080074601. Local Number PB 1491. USGS Observation Well in Boca Raton, FL.

LOCATION.--Lat 26°23'17", long 80°07'46", in SE1/4NE1/4 sec.11, T.47 S., R.42 E., Hydrologic Unit 03090202, on the east bank of E 3 canal approximately 0.5 mi south of Northwest 51st Street (Yamato Road) at Boca Raton.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, test well, diameter 6 in., depth 138 ft, cased to 88 ft, screened 88 to 138 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 18.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.81 ft above land-surface datum.

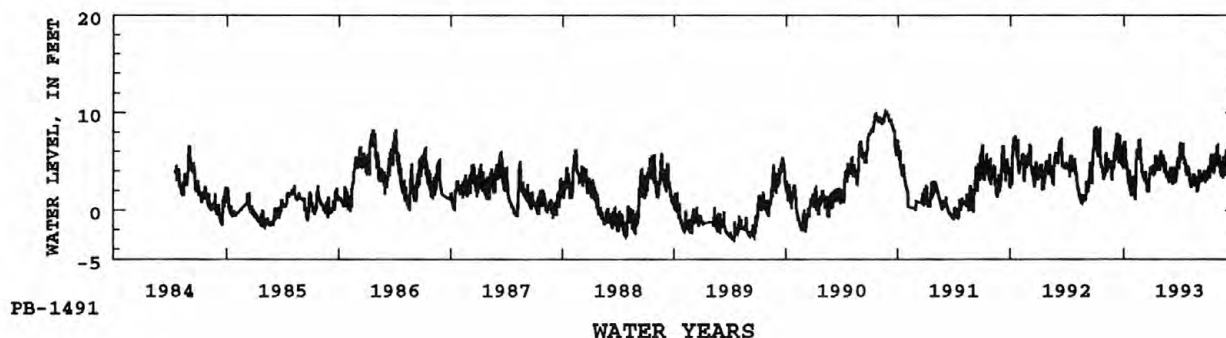
PERIOD OF RECORD.--April 1984 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 10.01 ft NGVD, Aug. 20, 21, 1990; lowest, 3.04 ft below NGVD, Apr. 14, 1989.

STATION NUMBER 262317080074601 PB -1491
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.97	1.82	3.58	4.44	5.50	4.40	5.80	2.66	3.93	3.72	4.39	5.31
10	4.69	3.34	3.27	3.85	3.89	3.04	6.61	2.58	2.92	5.64	4.10	6.58
15	3.71	5.29	2.33	4.30	3.48	3.92	4.71	3.30	3.05	4.91	4.18	6.51
20	4.01	7.06	2.50	4.14	3.92	3.20	4.30	2.48	3.79	4.26	5.38	6.33
25	1.74	5.42	4.23	5.64	3.14	4.92	3.62	2.23	3.14	5.69	5.19	5.09
EOM	3.49	3.93	4.48	4.98	3.09	5.45	4.13	2.22	3.48	6.53	5.93	6.73
MEAN	3.99	4.42	3.25	4.62	4.11	4.00	5.09	2.79	3.40	4.87	4.79	5.99
MAX	6.97	7.24	4.48	6.07	5.64	5.45	6.87	3.75	4.03	6.53	6.17	6.79
MIN	1.45	1.07	1.85	3.66	2.84	2.64	3.60	1.86	2.86	3.31	3.28	4.70

CAL YR 1992 MEAN 4.30 MAX 8.51 MIN .77
WTR YR 1993 MEAN 4.27 MAX 7.24 MIN 1.07



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--262410080090801. Local Number PB 1661. USGS Observation Well in Boca Raton, FL.

LOCATION.--Lat 26°24'10", long 80°09'08", in SE1/4SW1/4NW1/4 sec.3, T.47 S., R.42 E., Hydrologic Unit 03090202, at sewage lift station near Junction of Northwest 31st Way and Northwest 61st Street in Boca Raton, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 25 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 19.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.40 ft above land-surface datum.

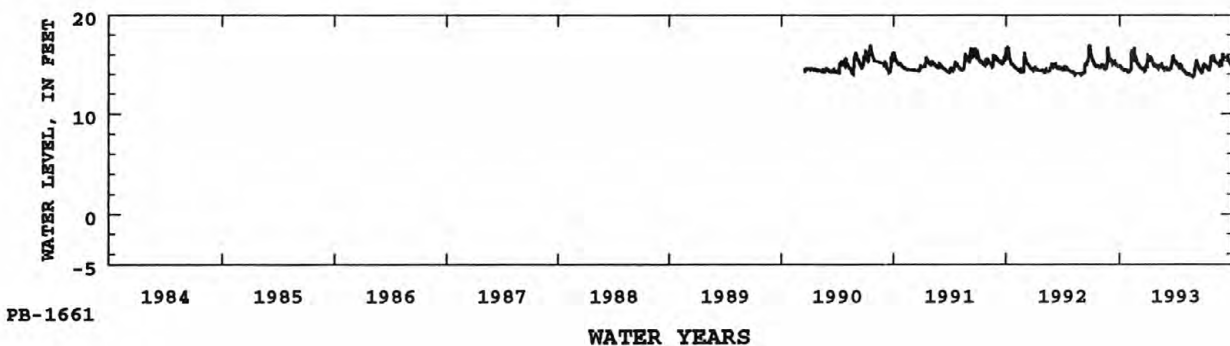
REMARKS.--Water levels affected by pumping.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.94 ft NGVD, July 17, 1990; lowest, 13.66 ft NGVD, May 27, 1993.

STATION NUMBER 262410080090801 PB -1661
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.77	14.28	14.75	15.55	14.89	14.46	15.03	14.00	15.38	14.81	15.24	15.47
10	14.50	16.33	14.63	15.74	14.71	14.33	14.79	14.03	14.88	14.69	15.17	15.37
15	14.39	15.46	14.43	15.19	14.80	14.55	14.48	13.88	14.49	14.46	14.99	15.69
20	14.40	15.90	14.40	14.86	14.50	14.94	14.71	13.80	14.21	14.95	14.82	15.28
25	14.27	15.37	14.78	14.98	14.40	15.44	14.32	13.68	14.24	15.53	15.12	14.96
EOM	14.30	14.97	14.97	14.73	14.51	15.26	14.18	14.39	14.93	15.84	15.96	15.34
MEAN	14.47	15.31	14.63	15.17	14.66	14.83	14.68	13.91	14.62	14.96	15.18	15.36
MAX	14.92	16.70	14.97	15.80	14.92	15.73	15.31	14.39	15.40	15.85	15.96	15.73
MIN	14.23	14.25	14.31	14.71	14.40	14.33	14.18	13.66	14.09	14.32	14.68	14.96
CAL YR 1992	MEAN 14.71	MAX 16.92	MIN 13.93									
WTR YR 1993	MEAN 14.81	MAX 16.70	MIN 13.66									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

655

WELL NUMBER.--262415080074501. Local Number PB 1660. USGS Observation Well in Boca Raton, FL.

LOCATION.--Lat 26°24'15", long 80°07'45", in NW1/4SW1/4NE1/4 sec.2, T.47 S., R.42 E., Hydrologic Unit 03090202, .1 mi south of Junction of Willow Springs Drive and Clint Moore Road in Boca Raton, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 25 ft.

INSTRUMENTATION.--Digital water-level recorder.

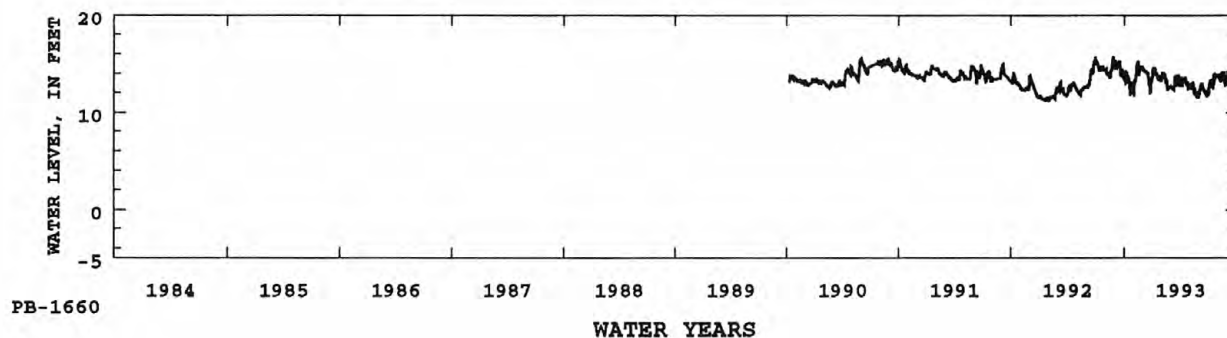
DATUM.--Land-surface datum is 19.50 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.10 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 15.73 ft NGVD, June 30, 1992; lowest, 11.24 ft NGVD, Jan. 22, 1992.

STATION NUMBER 262415080074501 PB -1660
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.02	13.38	14.24	14.57	13.85	12.54	12.93	12.41	12.81	13.32	13.43	13.81
10	13.87	14.58	14.19	13.91	13.40	12.37	13.47	13.09	12.63	13.33	13.90	13.95
15	13.38	15.00	14.02	13.68	13.09	13.59	13.05	12.25	12.12	13.34	14.09	14.20
20	11.74	14.23	12.67	13.49	12.60	12.92	13.06	11.79	12.11	13.54	13.13	13.50
25	12.06	14.63	12.16	13.42	12.52	13.86	12.37	11.62	11.69	13.77	12.87	12.81
EOM	12.30	14.49	13.89	13.90	12.60	13.35	12.73	12.12	12.28	13.82	14.04	13.72
MEAN	12.92	14.21	13.64	13.80	13.13	12.99	13.07	12.17	12.25	13.37	13.51	13.65
MAX	14.10	15.25	14.36	14.57	14.03	13.86	13.57	13.09	13.01	13.82	14.11	14.20
MIN	11.74	11.71	12.08	13.24	12.26	12.33	12.37	11.54	11.68	12.42	12.86	12.81
CAL YR 1992	MEAN 13.19	MAX 15.73	MIN 11.24									
WTR YR 1993	MEAN 13.23	MAX 15.25	MIN 11.54									



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

WELL NUMBER.--262424080044601. Local Number PB 1158. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'24", long 80°04'46", in SW1/4NW1/4NE1/4 sec.5, T.47 S., R.43 E., Hydrologic Unit 03090202, approximately 0.2 mi west and 1.0 mi north of the intersection of U.S. Highway 1 and Yamato Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 2 in., depth 16.4 ft, cased to 11.4 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.69 ft above land-surface datum.

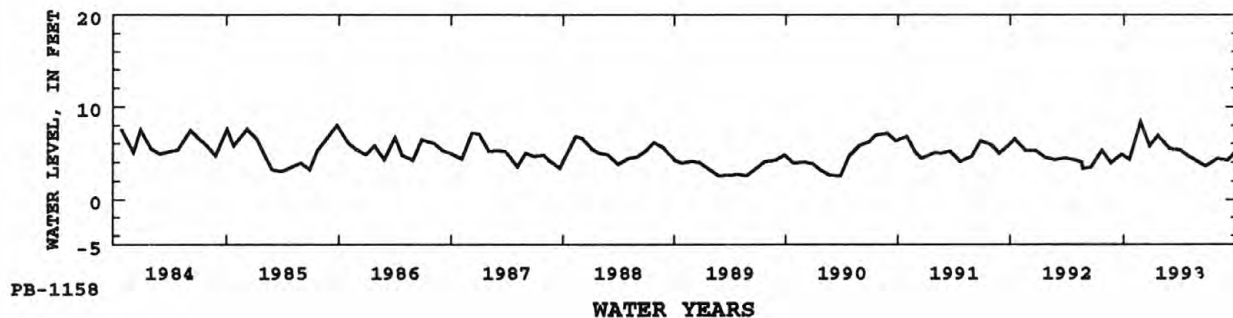
PERIOD OF RECORD.--January 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.31 ft NGVD, Nov. 25, 1992; lowest measured, 2.50 ft NGVD, May 25, 1989.

262424080044601 - PB -1158

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1340	4.25	29...	1800	4.65
NOV			JUN		
25...	1250	8.31	22...	1605	3.56
DEC			JUL		
22...	1330	5.76	29...	1350	4.34
JAN			SEP		
20...	1240	6.86	01...	1040	4.20
FEB			23...	0940	5.00
26...	0920	5.47			
MAR					
30...	1415	5.35			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

657

WELL NUMBER.--262435080042901. Local Number PB 895. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'35", long 80°04'29", in SW1/4SW1/4SE1/4 sec.32, T.46 S., R.43 E., Hydrologic Unit 03090202, 0.1 mi east and 1.0 mi north of the intersection of U.S. Highway 1 and Yamato Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 22 ft, cased to 17 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.70 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.17 ft above land-surface datum.

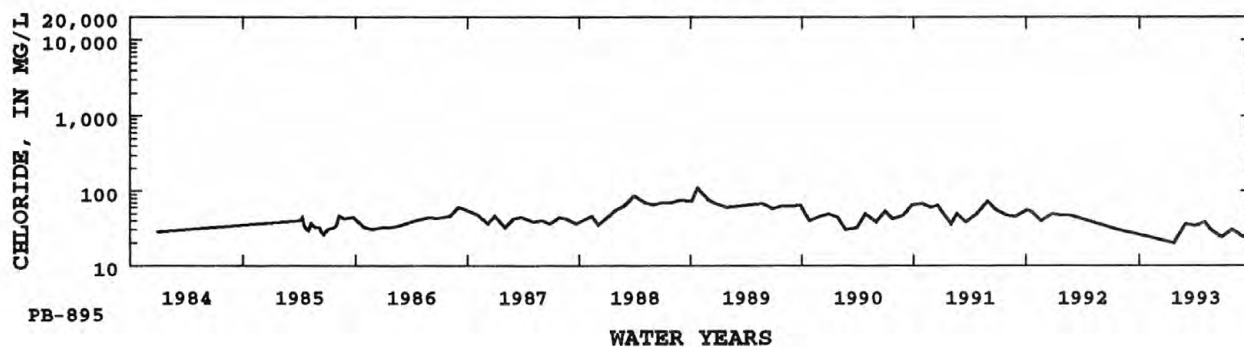
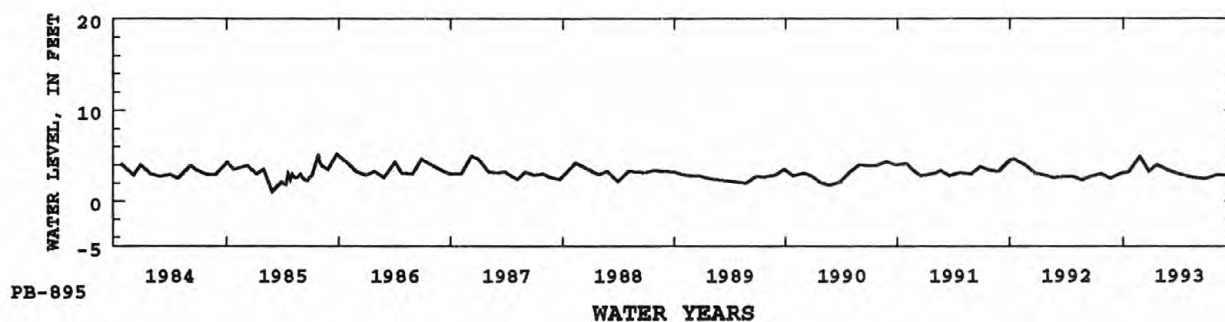
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--May 1976 to April 1981(intermittent), May 1981 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.28 ft NGVD, Oct. 13, 1978; lowest measured, 1.03 ft NGVD Aug. 3, 1976.

262435080042901 - PB - 895

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		SOLVED	AS CL)	NGVD			SOLVED	AS CL)	NGVD
		(US/CM)		(FEET)			(US/CM)		(FEET)
OCT					APR				
20...	1320	--	--	3.21	29...	1715	538	38	2.73
NOV					MAY				
25...	1340	--	--	4.88	20...	0900	495	30	2.59
DEC					JUN				
22...	1340	--	--	3.27	22...	1528	494	24	2.45
JAN					JUL				
20...	1155	435	20	4.01	29...	1315	493	30	2.91
FEB					SEP				
26...	0845	509	36	3.37	01...	1000	493	24	2.90
MAR					23...	0830	511	26	3.27
30...	1725	504	34	3.05					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--262435080042902. Local Number PB 896. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'35", long 80°04'29", in SW1/4SE1/4SE1/4 sec.32, T.46 S., R.43 E., Hydrologic Unit 03090202, 0.1 mi east and 1.0 mi north of the intersection of U.S. Highway 1 and Yamato Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 85 ft, cased to 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 13.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.40 ft above land-surface datum.

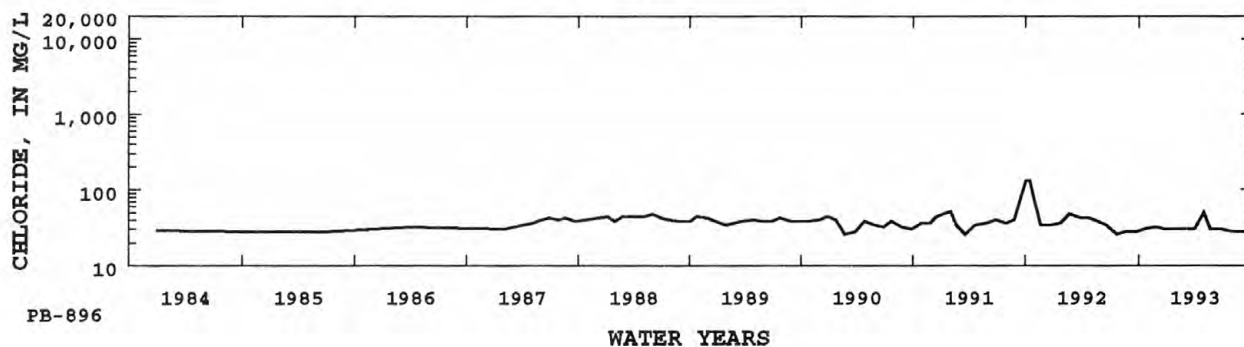
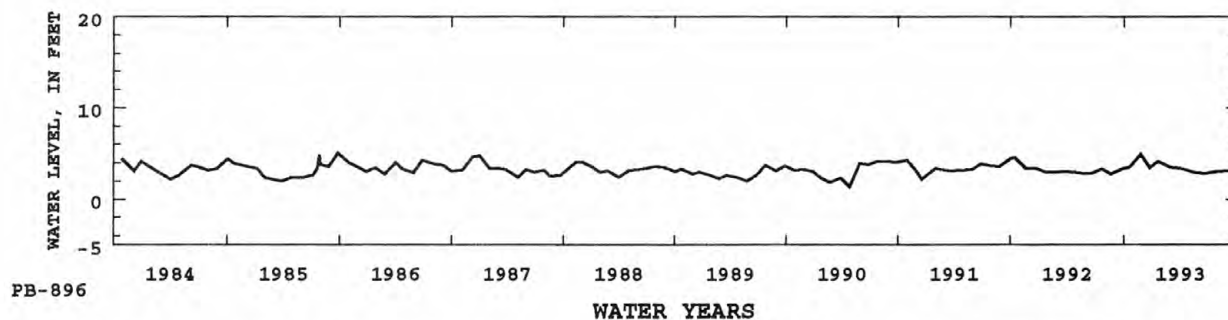
REMARKS.--Well is used for salinity monitoring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.02 ft NGVD, Sept. 24, 1985; lowest measured, 0.01 ft below NGVD, Aug. 3, 1976.

262435080042902 - PB - 896

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ATION	DUCT-	ANCE	CON-	DIS-	ATION
		SOLVED	ABOVE	NGVD			SOLVED	ABOVE	NGVD
(US/CM)	(MG/L	AS CL)	(FEET)		(US/CM)	(MG/L	AS CL)	(FEET)	
OCT					APR				
20...	1325	497	30	3.54	29...	1720	553	50	3.10
NOV					MAY				
25...	1345	542	32	4.93	20...	0907	511	30	2.87
DEC					JUN				
22...	1345	512	30	3.48	22...	1525	492	30	2.80
JAN					JUL				
20...	1155	516	30	4.16	29...	1321	493	28	3.00
FEB					SEP				
26...	0830	501	30	3.53	01...	1015	496	28	3.08
MAR					23...	0840	502	28	3.32
30...	1735	503	30	3.35					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

659

WELL NUMBER.--262435080042904. Local Number PB 948. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'35", long 80°04'29", in SW1/4SE1/4SE1/4 in sec.32, T.46 S., R.43 E., Hydrologic Unit 03090202, 0.1 mi east and 1.0 mi north of the intersection of U.S. Highway 1 and Yamato Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation well, diameter 2 in., depth 175 ft, cased 170 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 12.30 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.08 ft above land-surface datum.

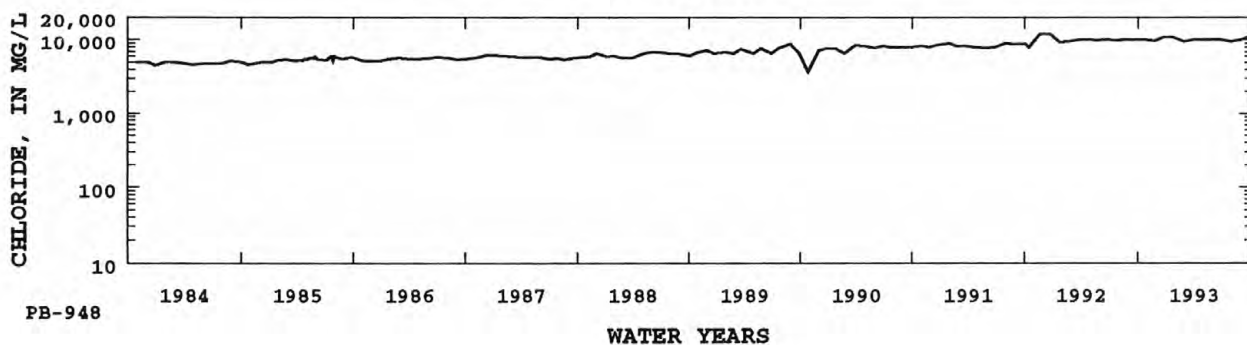
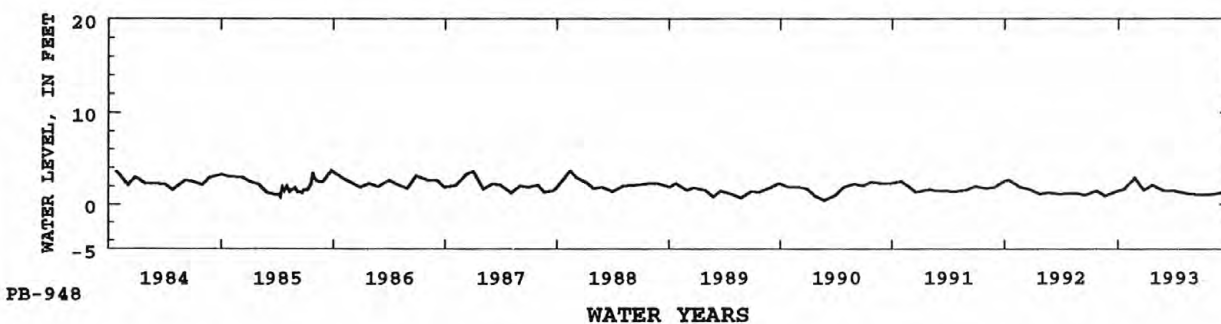
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--November 1976 to current year. Records of water levels prior to October 1977 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.02 ft NGVD, Jan. 17, 1977; lowest measured, 0.38 ft NGVD, Feb. 20, 1990.

262435080042904 - PB - 948

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	AS CL)	NGVD			DUCT-	AS CL)	NGVD
(US/CM)				(FEET)	(US/CM)				(FEET)
OCT					APR				
20...	1335	28500	10000	1.57	29...	1740	--	--	1.24
NOV					MAY				
25...	1355	28900	9700	2.80	20...	0918	26800	10000	1.06
DEC					JUN				
22...	1350	28500	11000	1.49	22...	1545	28000	10000	0.99
JAN					JUL				
20...	1200	27500	11000	2.05	29...	1330	27600	9600	1.03
FEB					SEP				
26...	0855	26800	9500	1.46	01...	1020	27800	10000	1.23
MAR					23...	0855	27900	11000	1.35
30...	1740	28000	10000	1.41					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--262435080043002. Local Number PB 1495. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'35", long 80°04'30", in SW1/4SE1/4SE1/4 sec.32, T.46 S., R.43 E., Hydrologic Unit 03090202, on east side of U.S. Highway 1 adjacent to Highland Beach Water Plant.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 23 ft, cased to 18 ft, slotted PVC .020 in. from 18 to 23 ft.

INSTRUMENTATION.--Digital water-level recorder.

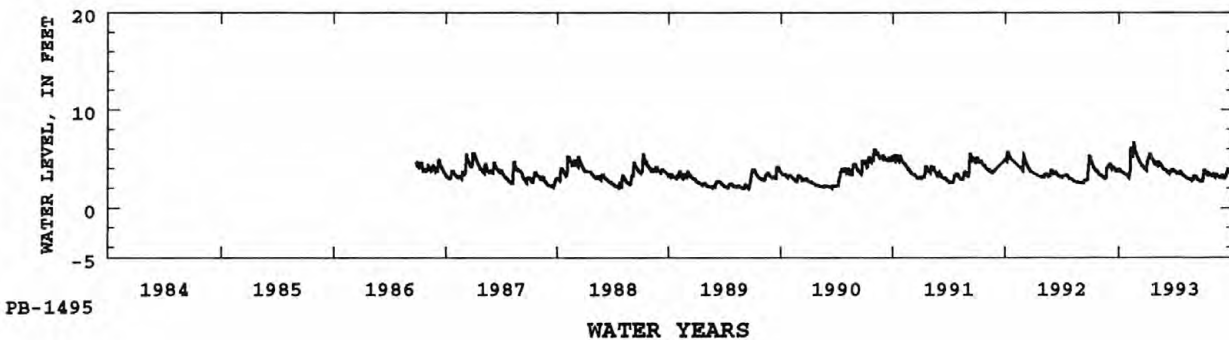
DATUM.--Land-surface datum is 13.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of shelter base, 3.95 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 6.73 ft NGVD, Nov. 18-19, 1992; lowest, 1.90 ft NGVD, June 3-5, 1989.

STATION NUMBER 262435080043002 PB -1495
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.91	3.03	4.90	5.04	4.61	3.73	3.61	3.07	3.17	3.81	3.14	3.03
10	3.66	6.11	4.57	5.48	4.40	3.52	3.57	3.00	2.94	3.45	3.39	3.13
15	3.57	5.26	4.30	5.04	4.35	3.58	3.36	2.94	2.78	3.62	3.22	3.53
20	3.46	---	4.10	4.77	4.04	3.70	3.59	2.89	2.70	3.41	3.15	3.60
25	3.39	---	3.91	4.49	3.87	3.88	3.32	2.82	2.65	3.32	3.03	3.53
EOM	3.22	5.30	3.85	4.35	3.83	3.64	3.21	3.13	2.92	3.32	3.26	3.93
MEAN	3.56	---	4.34	4.86	4.24	3.70	3.50	2.95	2.88	3.46	3.20	3.39
MAX	3.93	---	5.18	5.48	4.61	3.88	3.69	3.17	3.22	3.82	3.39	3.93
MIN	3.22	---	3.81	4.35	3.83	3.47	3.21	2.78	2.65	2.93	3.02	2.96



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

661

WELL NUMBER.--262435080043601. Local Number PB 1496. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'35", long 80°04'36", in SE1/4SW1/4SE1/4 sec.32, T.46 S., R.43 E., Hydrologic Unit 03090202, approximately 1.0 mi north of road intersection with Yamato Road on highway U.S. 1 in Boca Raton, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 200 ft, cased to 195 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.50 ft above National Geodetic Vertical Datum of 1929, from topographic map.
Measuring point: Top of casing 0.5 ft below land-surface datum.

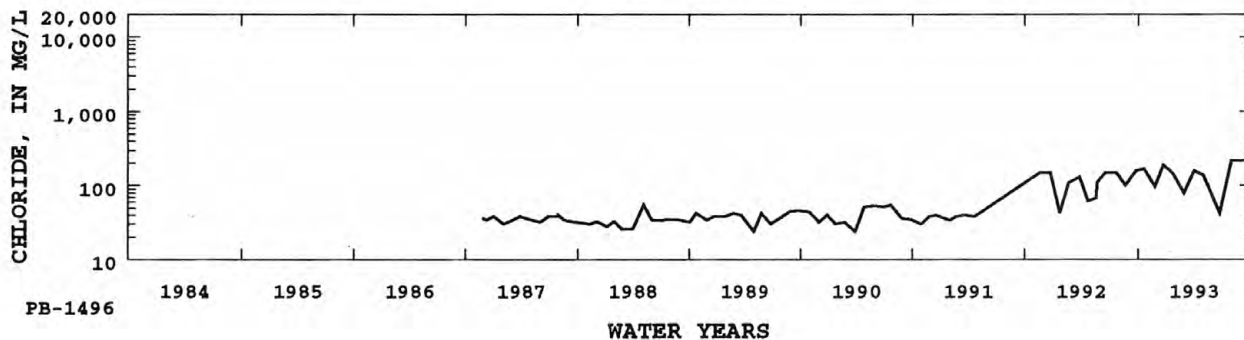
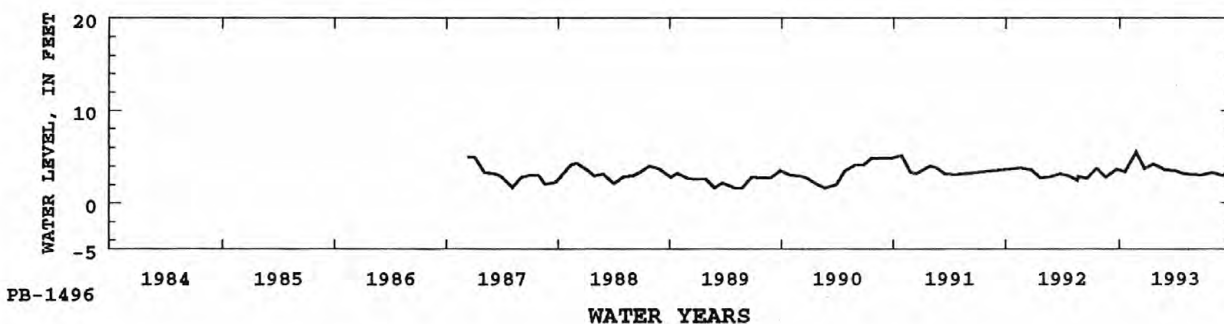
REMARKS.--Well is used for salinity monitoring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.44 ft NGVD, Nov. 25, 1992; lowest measured, 1.61 ft NGVD, May 1, 1989.

262435080043601 - PB -1496

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					APR				
20...	1300	985	170	3.34	29...	1630	826	140	3.14
NOV					JUN				
25...	1301	774	98	5.44	22...	1445	504	42	3.01
DEC					JUL				
21...	1500	1080	190	3.72	29...	1240	1170	220	3.31
JAN					SEP				
20...	1110	924	150	4.22	01...	0910	1210	220	2.92
FEB					23...	0815	1210	220	3.53
26...	0730	651	80	3.60					
MAR									
30...	1625	985	160	3.52					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--262436080042801. Local Number PB 897. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'36", long 80°04'28", in SW1/4SE1/4SE1/4 sec.32, T.46 S., R.43 E., Hydrologic Unit 03090202, 0.1 mi east of U.S. Highway 1 and 1.0 mi north of the intersection of Yamato Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 20 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.92 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

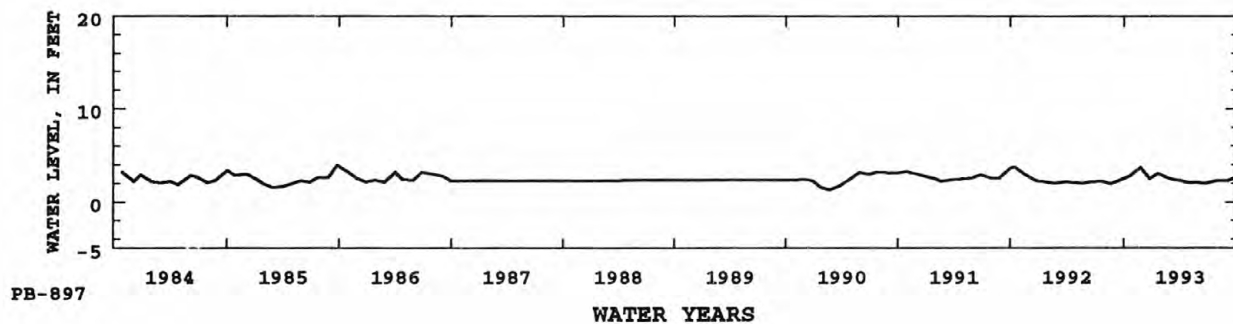
PERIOD OF RECORD.--May 1976 to September 1986 (monthly), October 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 3.93 ft NGVD, Sept. 24, 1985; lowest measured, 0.94 ft NGVD, Aug. 3, 1976.

262436080042801 - PB - 897

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1340	2.75	29...	1755	2.07
NOV			MAY		
25...	1420	3.63	20...	0932	2.08
DEC			JUN		
22...	1400	2.47	22...	1557	1.99
JAN			JUL		
20...	1225	3.00	29...	1342	2.27
FEB			SEP		
26...	0910	2.45	01...	1030	2.24
MAR			23...	0920	2.57
30...	1800	2.28			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

663

WELL NUMBER.--262442080044901. Local Number PB 1159. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'42", long 80°04'49", in NW1/4SW1/4SE1/4 sec.32, T.46 S., R.43 E., Hydrologic Unit 03090202, approximately 0.25 mi west and 1.35 mi north of the intersection of U.S. Highway 1 and Yamato Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 2 in., depth 17 ft, cased to 12 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 15.10 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

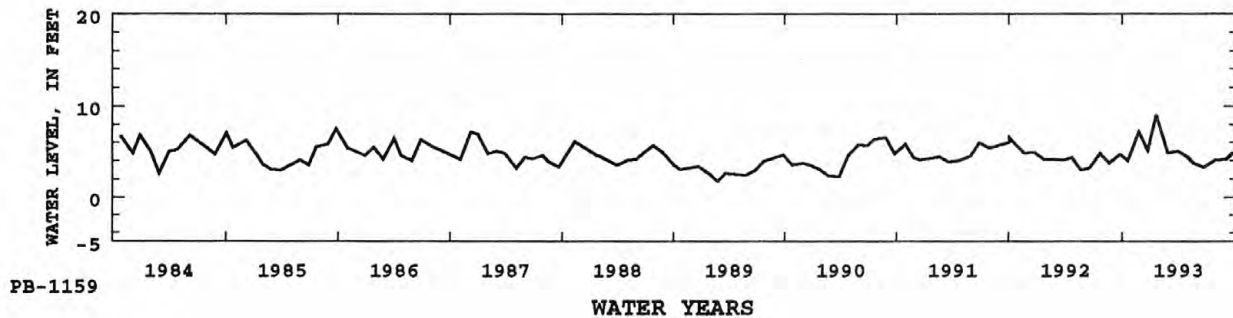
PERIOD OF RECORD.--January 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.03 ft NGVD, Jan. 20, 1993; lowest measured, 1.69 ft NGVD, Feb. 24, 1989.

262442080044901 - PB -1159

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1400	3.98	29...	1815	4.43
NOV			MAY		
25...	1230	7.11	20...	0951	3.70
DEC			JUN		
22...	1320	5.13	22...	1618	3.27
JAN			JUL		
20...	1305	9.03	29...	1200	4.06
FEB			SEP		
26...	0940	4.85	01...	1055	4.13
MAR			23...	1000	4.87
30...	1600	5.03			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--262453080044001. Local Number PB 1160. USGS Observation Well at Boca Raton, FL.

LOCATION.--Lat 26°24'53", long 80°04'40", in SW1/4SE1/4NE1/4 sec.32, T.46 S., R.43 E., Hydrologic Unit 03090202, approximately 0.15 mi west and 1.7 mi north of the intersection of U.S. Highway 1 and Yamato Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 2 in., depth 22 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.29 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

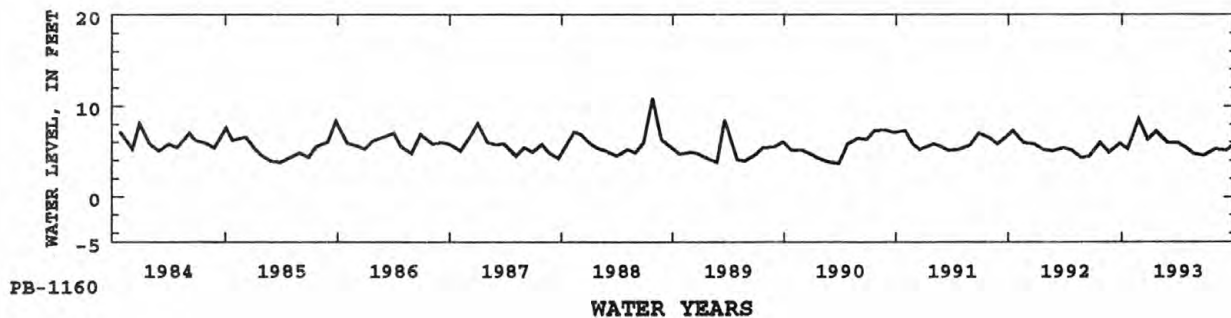
PERIOD OF RECORD.--January 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.83 ft NGVD, July 26, 1988; lowest measured, 3.65 ft NGVD, Mar. 29, 1990.

262453080044001 - PB -1160

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1350	5.24	29...	1810	5.33
NOV			MAY		
25...	1245	8.53	20...	0948	4.79
DEC			JUN		
22...	1325	6.28	22...	1612	4.52
JAN			JUL		
20...	1250	7.23	29...	1355	5.30
FEB			SEP		
26...	0930	5.99	01...	1050	5.15
MAR			23...	0950	5.64
30...	1610	5.99			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

665

WELL NUMBER.--262534080085102. Local Number PB 900. USGS Observation Well near Delray Beach, FL.

LOCATION.--Lat 26°25'34", long 80°08'51", in SW1/4NW1/4 sec.27, T.46 S., R.42 E., Hydrologic Unit 03090202, on Center Road, 1.5 mi south of Delray Road, 3.5 mi east of U.S. Highway 441, and 3.5 mi west of Delray Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 63.0 ft, cased to 63.0 ft.

INSTRUMENTATION.--Digital water-level recorder.

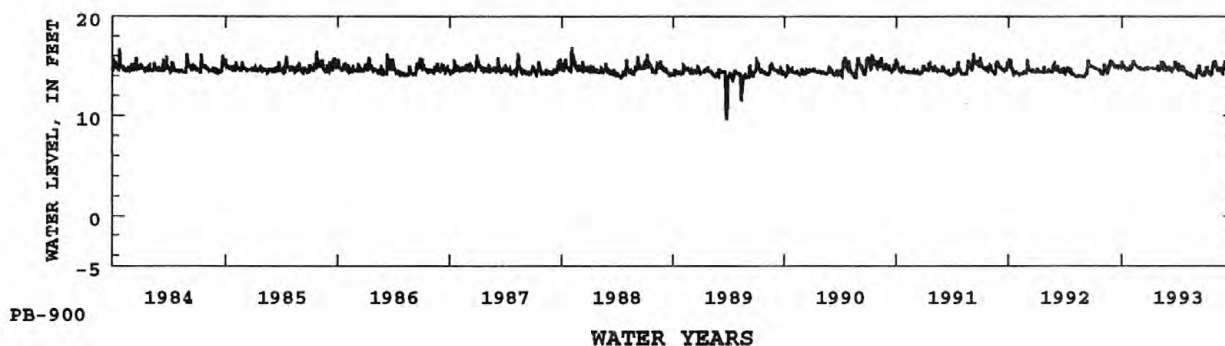
DATUM.--Land-surface datum is 19.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of metal base, 2.80 ft above land-surface datum.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.44 ft NGVD, Apr. 25, 1979; lowest, 9.66 ft NGVD, Mar. 27, 1989.

STATION NUMBER 262534080085102 PB - 900
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.01	15.24	14.66	---	15.19	14.70	14.88	14.17	14.94	14.56	14.61	14.99
10	14.74	15.15	14.70	---	14.70	14.52	14.74	14.11	14.39	14.24	14.54	14.78
15	14.64	---	14.67	---	14.82	14.67	14.49	13.98	14.17	14.26	14.77	15.11
20	14.73	---	14.62	---	14.67	14.82	14.46	13.96	13.97	14.99	14.30	14.84
25	14.56	14.75	14.72	14.98	14.56	14.98	14.40	13.91	14.34	15.00	14.66	14.44
EOM	14.72	14.71	---	14.80	14.65	15.13	14.27	14.53	14.75	14.91	15.47	14.72
MEAN	14.76	---	---	---	14.80	14.77	14.58	14.05	14.35	14.66	14.70	14.85
MAX	15.41	---	---	---	15.19	15.34	15.14	14.53	14.95	15.49	15.47	15.24
MIN	14.55	---	---	---	14.56	14.50	14.22	13.87	13.96	14.12	14.20	14.44



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--263328080085201. Local Number PB 445. USGS Observation Well near Lantana, FL.

LOCATION.--Lat 26°33'28", long 80°08'52", in SE1/4 NW1/4 sec.10, T.45 S., R.42 E., Hydrologic Unit 03090202, 2.2 mi west of State Road 809, 2.3 mi south of Lantana Road, and 9.5 mi southwest of West Palm Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 11.4 ft, cased to 11.4 ft.

REVISED RECORDS.--WDR FL-81-2B: 1980.

INSTRUMENTATION.--Digital water-level recorder.

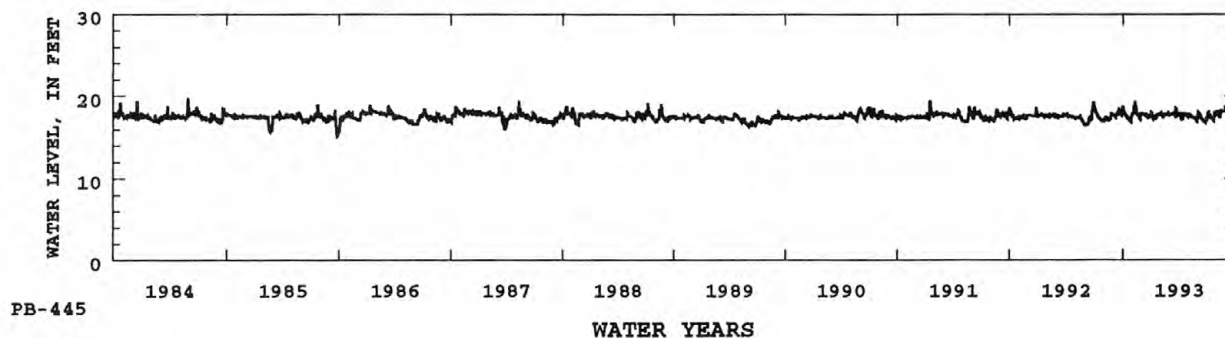
DATUM.--Land-surface datum is 20.20 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.60 ft above land-surface datum. Prior to October 1975, land-surface datum was considered to be 19.00 ft NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--January 1964 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. Published figures of water levels as elevation, in feet NGVD, prior to October 1975 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.24 ft NGVD (present datum), Oct. 31, 1965; lowest, 16.04 ft NGVD (present datum), May 12, 1967, Mar. 25-26, 1987.

STATION NUMBER 263328080085201 PB - 445
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.11	17.95	---	17.39	17.90	17.80	17.79	17.65	17.72	17.91	17.71	18.43
10	17.68	19.36	---	17.53	17.82	17.84	17.32	17.55	17.41	17.47	17.50	17.94
15	17.43	17.95	17.72	17.65	17.78	17.96	17.74	17.44	17.09	17.35	18.19	18.22
20	17.18	17.67	17.68	17.68	17.86	17.40	17.82	17.40	16.95	17.11	18.18	18.00
25	16.99	17.28	17.59	17.83	17.80	17.69	17.86	17.16	16.95	17.96	18.20	18.09
EOM	17.79	17.93	17.52	17.89	17.80	17.75	17.67	18.00	17.40	18.20	18.62	18.12
MEAN	17.55	18.01	---	17.63	17.79	17.85	17.65	17.47	17.30	17.65	18.08	18.19
MAX	18.76	19.42	---	18.03	17.95	18.46	17.98	18.00	18.02	18.20	18.75	18.46
MIN	16.92	17.22	---	17.23	17.46	17.40	17.15	17.02	16.87	17.11	17.45	17.92



PB-445

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

667

WELL NUMBER.--263524080124301. Local Number PB 683. USGS Observation Well near West Palm Beach, FL.

LOCATION.--Lat 26°35'24", long 80°12'43", in NW1/4NW1/4 sec.37, T.44 S., R.41 E., Hydrologic Unit 03090202, west of U.S. Highway 441, south of Lantana Road near Channel 5 T.V. tower, and 11 mi southwest of West Palm Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 17 ft, cased to 17 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 17.90 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.95 ft above land-surface datum. Prior to October 1989 land-surface datum was considered to be 16.00 ft NGVD. See PERIOD OF RECORD.

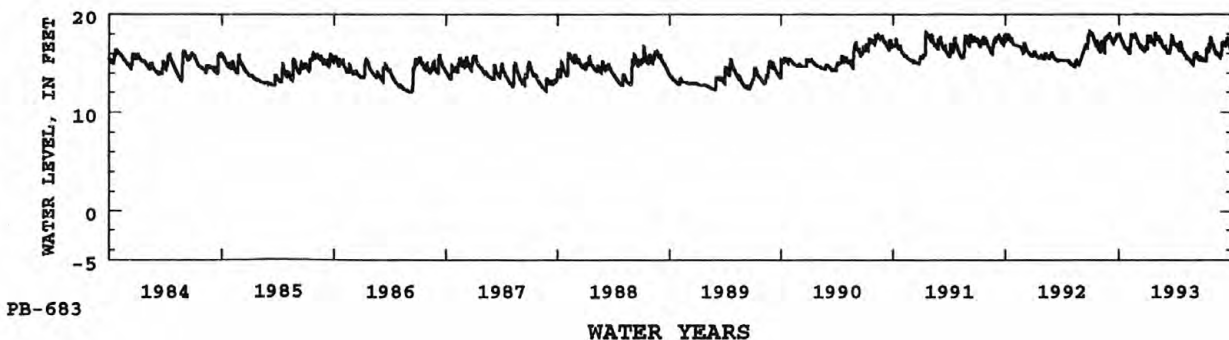
PERIOD OF RECORD.--October 1973 to May 1977, May 1979 to current year. The figures of water levels as elevation, in feet NGVD, prior to October 1989 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 18.52 ft NGVD (estimated), July 8, 1988; lowest, 13.61 ft NGVD (present datum), May 5-8, 1975.

STATION NUMBER 263524080124301 PB - 683
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.76	15.98	16.87	17.50	17.71	16.20	17.03	15.69	16.00	15.40	16.38	16.93
10	17.27	17.94	16.76	17.80	17.24	15.96	16.55	15.60	15.75	15.26	15.98	16.61
15	16.92	17.79	16.46	17.25	17.06	16.09	16.16	15.35	15.54	16.37	15.98	17.47
20	16.57	17.78	16.26	17.00	16.70	17.69	16.64	15.16	15.53	16.86	15.74	17.02
25	16.53	17.69	16.59	17.89	16.48	17.28	16.17	14.95	15.43	17.51	15.79	16.52
EOM	16.26	17.20	16.40	17.64	16.57	16.95	15.94	15.79	15.37	16.88	17.19	16.66
MEAN	16.99	17.34	16.58	17.47	17.06	16.68	16.55	15.38	15.64	16.30	16.13	16.94
MAX	17.98	17.94	17.11	18.03	17.72	17.74	17.19	15.88	16.10	17.63	17.19	17.57
MIN	16.26	15.98	16.12	16.76	16.48	15.96	15.94	14.88	15.32	15.18	15.58	16.37

WTR YR 1993 MEAN 16.58 MAX 18.03 MIN 14.88



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--263656080033502. Local Number PB 1639. USGS Observation Well in Lake Worth, FL.

LOCATION.--Lat 26°36'56", long 80°03'35", in NW1/4NE1/4NE1/4 sec.28, T.44 S., R.43 E., Hydrologic Unit 03090202, on east right of way of FEC Railroad on south side of Lake Avenue near City Hall in Lake Worth.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 25 ft.

INSTRUMENTATION.--Digital water-level recorder.

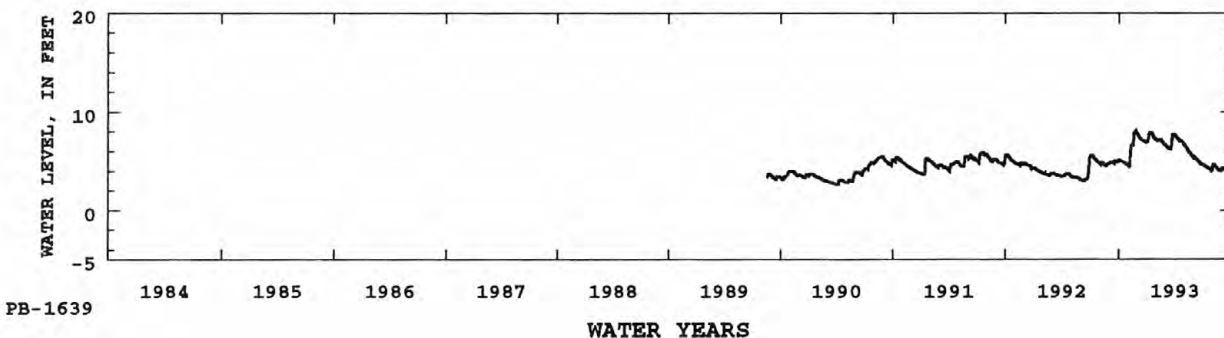
DATUM.--Land-surface datum is 17.45 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 1.00 ft above land-surface datum.

PERIOD OF RECORD.--May 1989 (semiannual), September 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.01 ft NGVD, Nov. 24-25, 1992; lowest, 2.63 ft NGVD, Apr. 6-7, 1990.

STATION NUMBER 263656080033502 PB -1639
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.04	4.44	7.49	7.45	7.14	6.45	7.41	6.42	5.26	4.52	4.63	4.23
10	---	6.42	7.27	7.88	7.15	6.32	7.24	6.22	5.12	4.42	4.42	4.06
15	---	6.62	7.11	7.86	7.12	6.24	7.07	5.97	4.95	4.28	4.22	4.25
20	---	7.77	---	7.53	6.86	6.16	---	5.78	4.81	4.19	4.07	4.28
25	4.73	8.01	6.94	7.23	6.68	7.68	---	5.54	4.66	4.11	3.97	4.16
EOM	4.55	7.79	6.80	7.13	6.61	7.64	6.66	5.37	4.66	4.56	4.29	4.73
MEAN	---	6.62	---	7.48	6.99	6.78	---	5.95	4.96	4.32	4.28	4.23
MAX	---	8.01	---	7.91	7.20	7.68	---	6.63	5.38	4.65	4.66	4.73
MIN	---	4.44	---	6.89	6.61	6.16	---	5.37	4.62	4.05	3.97	4.04



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

669

WELL NUMBER.--264005080233501. Local Number PB 99. USGS Observation Well at West Palm Beach, FL.

LOCATION.--Lat 26°40'14", long 80°03'35", in SW1/4NE1/4 sec.4, T.44 S., R.43 E., Hydrologic Unit 03090202, at Garden Avenue, 75 ft north of Bradley Street in West Palm Beach and 0.2 mi west of U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 18 ft, cased to 16 ft gravel-packed 14 to 18 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.20 ft above land-surface datum.

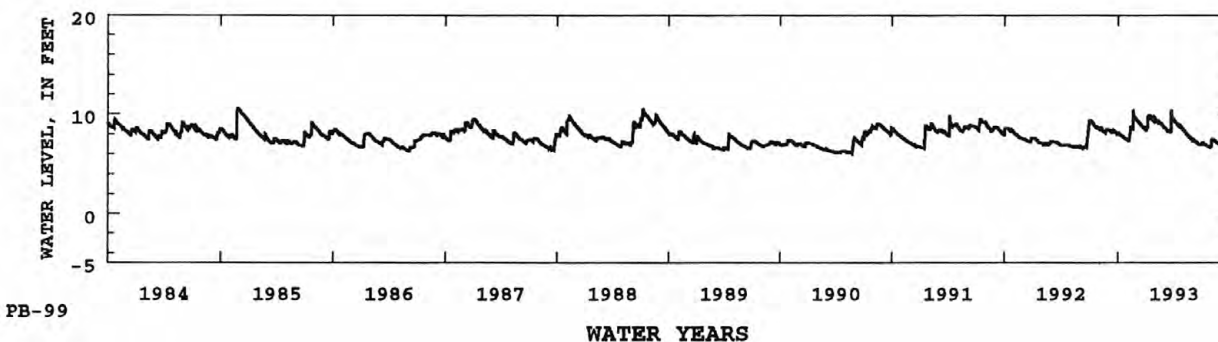
PERIOD OF RECORD.--July 1948 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 14.06 ft NGVD, Oct. 6, 1948; lowest, 5.01 ft NGVD, Mar. 23, 1972.

STATION NUMBER 264005080233501 PB - 99
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.96	7.32	9.23	9.76	9.37	8.47	9.16	8.15	7.31	7.00	7.42	7.57
10	7.84	8.70	9.02	9.86	9.19	8.28	8.93	7.96	7.19	6.93	7.31	7.36
15	7.76	8.64	8.83	9.65	9.02	8.21	8.75	7.82	7.06	6.83	7.15	7.59
20	7.65	9.71	8.67	9.41	8.84	8.22	8.70	7.69	6.96	6.77	7.05	7.63
25	7.55	9.62	8.51	9.45	8.70	9.60	8.53	7.53	6.97	6.69	6.95	7.48
EOM	7.46	9.38	8.49	9.34	8.60	9.29	8.35	7.46	7.11	7.45	7.63	7.95
MEAN	7.74	8.79	8.83	9.47	9.02	8.81	8.81	7.81	7.11	6.91	7.24	7.55
MAX	8.12	10.46	9.35	9.86	9.38	10.50	9.28	8.32	7.46	7.45	7.63	7.95
MIN	7.46	7.32	8.35	8.69	8.60	8.16	8.35	7.42	6.91	6.69	6.93	7.36

WTR YR 1993 MEAN 8.17 MAX 10.50 MIN 6.69



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--264123080053801. Local Number PB 809. USGS Observation Well at West Palm Beach, FL.

LOCATION.--Lat 26°41'23", long 80°05'38", in NW1/4NE1/4 sec.31, T.43 S., R.43 E., Hydrologic Unit 03090202, near water plant tank and 8th Street in West Palm Beach, 1 mi north of State Road 98, and 2.5 mi west of U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 150 ft, cased to 145 ft.

INSTRUMENTATION.--Digital water-level recorder.

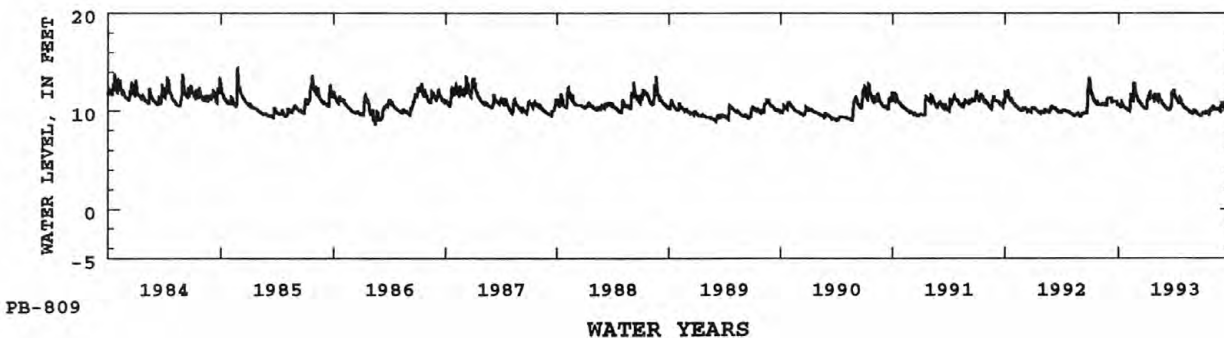
DATUM.--Land-surface datum is 14.65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of flange, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--June 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 13.80 ft NGVD, Oct. 23, 1983; lowest, 4.83 ft NGVD, May 5, 1981.

STATION NUMBER 264123080053801 PB - 809
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.56	10.04	11.00	11.51	11.71	10.23	11.38	10.20	9.95	9.73	10.23	10.43
10	10.31	11.79	10.81	11.87	11.23	10.09	11.03	10.14	9.72	9.92	10.07	10.23
15	---	11.19	10.59	11.27	11.09	10.17	10.71	9.98	9.63	9.75	10.29	10.86
20	---	12.33	10.42	11.31	10.73	10.53	10.91	9.86	9.56	9.78	10.16	10.78
25	10.25	11.94	10.25	11.50	10.46	11.65	10.60	9.73	9.63	10.04	10.47	10.45
EOM	10.17	11.36	10.41	11.31	10.41	11.49	10.40	10.09	9.86	10.45	10.78	10.92
MEAN	---	11.40	10.61	11.41	10.98	10.80	10.93	10.01	9.73	9.90	10.31	10.57
MAX	---	12.88	11.27	11.87	11.71	12.07	11.47	10.35	10.09	10.45	10.86	10.99
MIN	---	10.04	10.16	10.88	10.41	10.05	10.40	9.70	9.51	9.60	9.99	10.23



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

671

WELL NUMBER.--264230080120501. Local Number PB 561. USGS Observation Well near West Palm Beach, FL.

LOCATION.--Lat 26°42'30", long 80°12'05", in NW1/4NW1/4 sec.30, T.43 S., R.42 E., Hydrologic Unit 03090202, near intersection of Okeechobee Road and State Highway 441, 12.5 mi west of West Palm Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 11.3 ft.

INSTRUMENTATION.--Digital water-level recorder.

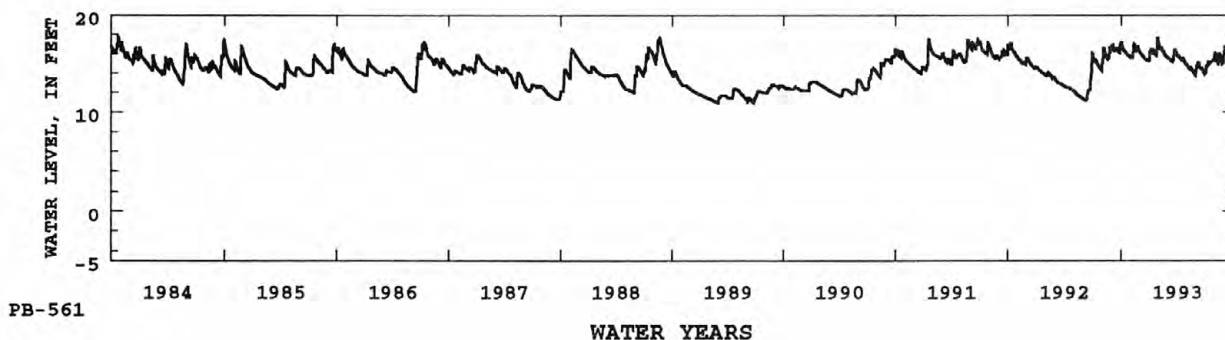
DATUM.--Land-surface datum is 18.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.81 ft above land-surface datum.

PERIOD OF RECORD.--October 1970 to April 1977, May 1979 to current year. Records of water levels prior to October 1973, are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 17.93 ft NGVD, Nov. 5, 1971; lowest, 10.94 ft NGVD, Mar. 1, 1989.

STATION NUMBER 264230080120501 PB - 561
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.73	15.52	15.90	16.39	16.63	15.48	15.67	14.58	15.11	14.77	15.33	16.39
10	16.25	16.83	15.72	16.47	16.22	15.27	15.47	14.65	14.75	15.11	14.84	15.92
15	16.13	16.59	15.54	15.98	16.10	15.32	15.22	14.43	14.43	---	15.98	16.59
20	15.91	16.55	15.40	15.89	15.82	15.91	15.39	14.19	14.36	---	15.27	16.27
25	15.78	16.57	15.29	17.24	15.61	16.29	15.02	13.92	14.03	---	15.04	15.75
EOM	15.63	16.13	15.32	16.91	15.62	15.74	14.83	14.58	14.05	16.02	16.56	16.34
MEAN	16.17	16.32	15.57	16.38	16.12	15.69	15.36	14.35	14.49	---	15.47	16.19
MAX	17.19	16.97	16.08	17.63	16.78	16.42	15.73	14.78	15.11	---	16.56	16.83
MIN	15.63	15.50	15.28	15.65	15.60	15.19	14.83	13.81	13.92	---	14.84	15.60



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--264839080115001. Local Number PB 1662. USGS Observation Well nr West Palm Beach, FL.

LOCATION.--Lat 26°48'39", long 80°11'50", in NE1/4NE1/4 sec.24, T.42 S., R.41 E., Hydrologic Unit 03090202, on Northlake Boulevard at entrance to Ibis Development, 2.7 mi west of State Road 710.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 23 ft.

INSTRUMENTATION.--Digital water-level recorder.

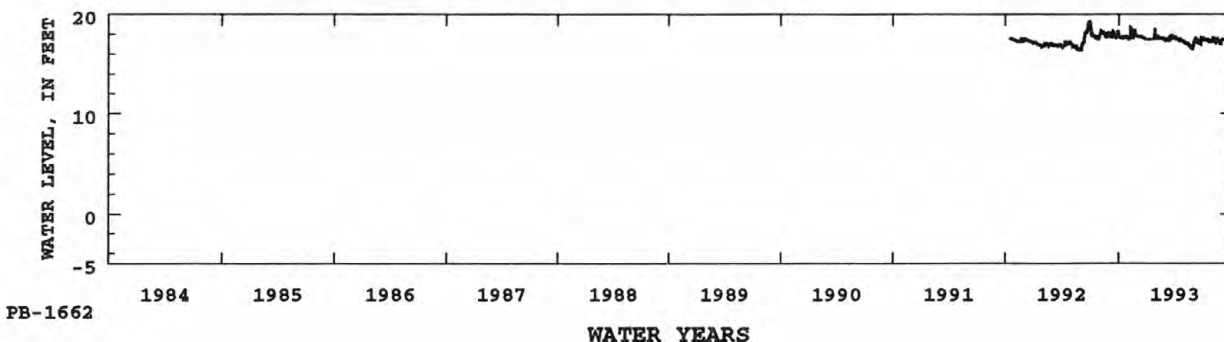
DATUM.--Land-surface datum is 20.5 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 4.06 ft above land-surface datum.

PERIOD OF RECORD.--October 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 19.32 ft NGVD, June 30, 1992; lowest, 16.34 ft NGVD, May 27, 1992.

STATION NUMBER 264839080115001 PB -1662
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.71	17.62	---	---	17.73	17.45	17.60	17.07	17.57	17.38	17.34	17.48
10	17.59	18.59	17.77	---	17.57	17.36	17.44	17.10	17.22	17.32	17.36	17.40
15	17.56	17.73	17.66	---	17.53	17.37	17.35	16.91	17.30	17.40	17.48	17.61
20	17.74	17.92	17.61	---	17.45	17.73	17.35	16.72	17.13	17.36	17.23	17.42
25	17.76	17.90	17.51	18.58	17.45	17.64	17.28	16.53	17.52	17.33	17.12	17.34
EOM	17.56	17.79	---	17.64	17.49	17.58	17.20	17.12	17.44	17.58	17.43	17.71
MEAN	17.68	17.89	---	---	17.56	17.54	17.40	16.88	17.32	17.36	17.32	17.46
MAX	17.91	18.66	---	---	17.73	17.88	17.60	17.16	17.57	17.58	17.62	17.71
MIN	17.56	17.46	---	---	17.45	17.34	17.20	16.44	17.00	17.20	17.10	17.32



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

673

WELL NUMBER.--265106080241402. Local Number PB 831. USGS Observation Well near Loxahatchee, FL.

LOCATION.--Lat 26°51'06", long 80°24'14", in SE1/4NW1/4 sec.2, T.42 S., R.39 E., Hydrologic Unit 03090202, in Corbett Wildlife Management Area, 9.0 mi north of Pump Station 5A, and 13.5 mi north of Loxahatchee.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 25 ft, cased to 21 ft.

INSTRUMENTATION.--Digital water-level recorder.

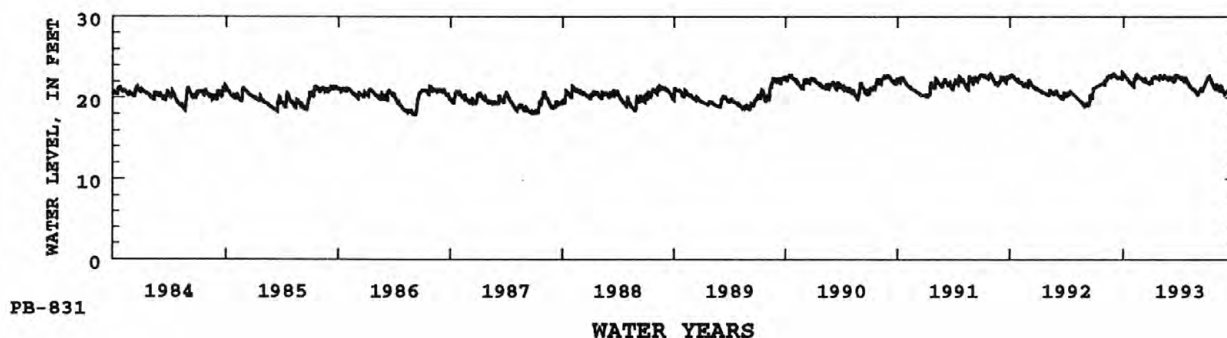
DATUM.--Land-surface datum is 23.47 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.00 ft above land-surface datum. Prior to October 1988, land-surface datum was considered to be 22.00 ft NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--November 1974 to current year. The figures of water levels as elevations in feet NGVD, prior to October 1988 are in error. Corrected records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 23.15 ft NGVD, Sept. 28, 1992; lowest, 18.64 ft NGVD (present datum), May 26, 1981.

STATION NUMBER 265106080241402 PB - 831
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.77	22.39	22.10	22.53	22.40	22.41	22.67	21.40	---	22.53	21.08	---
10	22.51	22.79	22.34	22.66	22.45	22.05	22.35	21.20	21.01	22.10	20.86	---
15	22.24	22.63	21.98	22.47	22.51	22.28	21.91	---	---	21.70	21.23	---
20	21.94	22.57	21.86	22.44	22.29	22.77	22.37	20.90	---	21.31	20.72	---
25	21.87	22.47	21.98	22.88	22.45	22.72	21.93	20.59	---	21.09	20.64	---
EOM	21.59	22.36	21.81	22.58	22.55	22.51	21.63	---	22.65	21.55	---	21.74
MEAN	22.23	22.43	21.99	22.55	22.50	22.47	22.23	---	---	21.82	---	---
MAX	22.97	22.84	22.34	22.90	22.68	22.82	22.67	---	---	22.77	---	---
MIN	21.59	21.50	21.73	22.27	22.25	21.94	21.63	---	---	21.04	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--265611080081201. Local Number PB 832. USGS Observation Well at Jupiter, FL.

LOCATION.--Lat 26°56'11", long 80°08'12", in NE1/4SE1/4NW1/4 sec.3, T.41 S., R.42 E., Hydrologic Unit 03090202, approximately .3 mi north and 1.0 mi east of intersection of S.R. 706 and I-95.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 153 ft, cased to 141 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.00 ft above National Geodetic Vertical Datum of 1929, from topographic map. Measuring point: Top of casing 2.72 ft above land-surface datum.

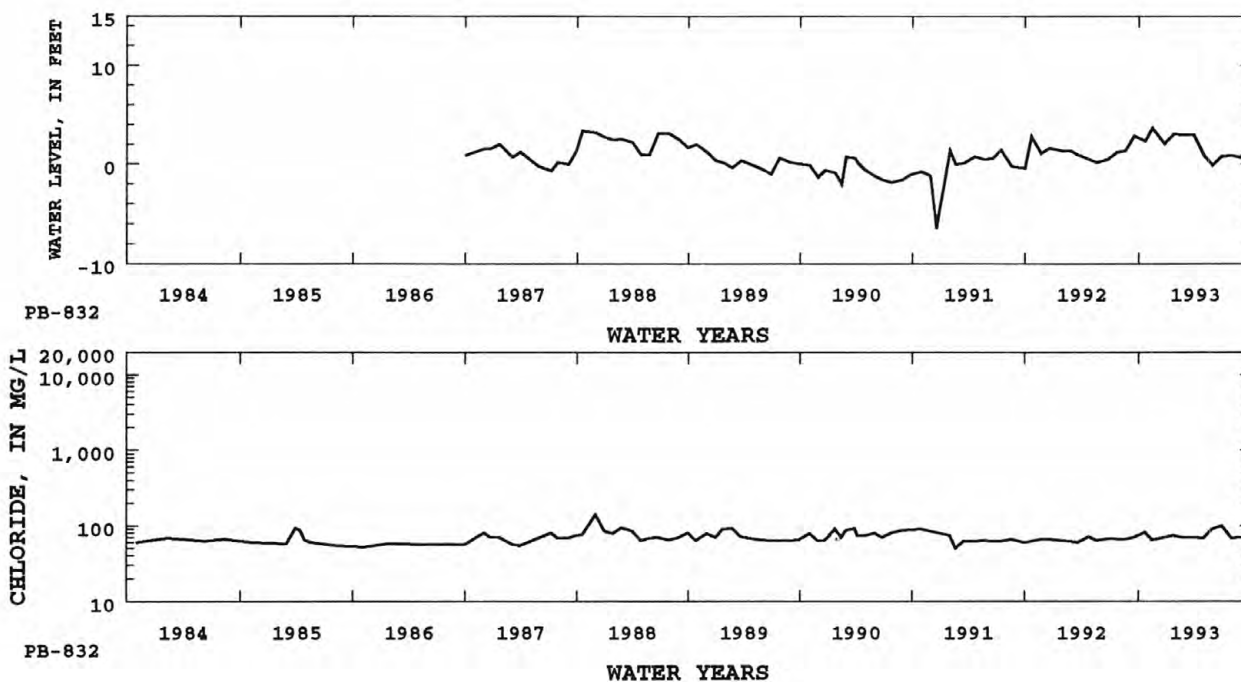
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--September 1974 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 5.81 ft NGVD, Oct. 23, 1974; lowest measured, 6.46 ft below NGVD, Dec. 18, 1990.

265611080081201 - PB - 832

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		ANCE	SOLVED	NGVD			ANCE	SOLVED	NGVD
(US/CM)	(US/CM)	(US/CM)	(MG/L)	(FEET)	(US/CM)	(US/CM)	(US/CM)	(MG/L)	(FEET)
OCT					APR				
21...	1030	807	82	2.27	29...	1325	744	68	0.90
NOV					MAY				
13...	1200	810	65	3.62	25...	1155	767	90	-0.09
DEC					JUN				
23...	1345	761	70	2.06	25...	1210	860	100	0.81
JAN					JUL				
21...	1450	761	75	2.99	27...	1725	755	68	0.86
FEB					AUG				
17...	1615	773	70	2.95	25...	1300	775	70	0.69
MAR					SEP				
26...	1510	729	70	2.92	21...	1030	769	70	1.76



PALM BEACH COUNTY

WELL NUMBER.--265803080052502. Local Number PB 746. USGS Observation Well at Tequesta, FL.

LOCATION.--Lat 26°58'03", long 80°05'25", in NE1/4SW1/4NE1/4 sec.30, T.40 S., R.43 E., Hydrologic Unit 03090202, approximately .5 mi west and .2 mi south of U.S. Highway 1 at Martin County line in Tequesta, FL.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Driven, observation, water-table well, diameter 1 1/4 in., depth 83 ft, cased to 82 ft.

INSTRUMENTATION.--Satellite Data Collection Platform.

DATUM.--Land-surface datum is 17.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.83 ft above land-surface datum.

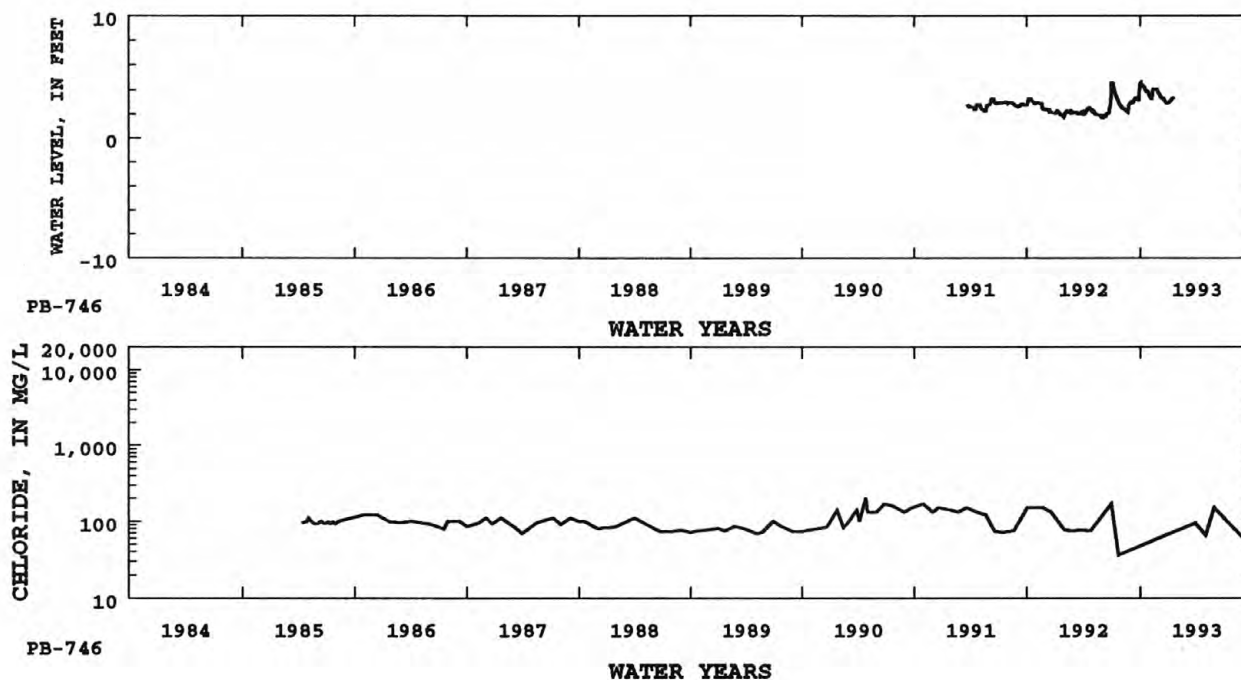
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--June 1974 to February 1992 (monthly), March 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.32 ft NGVD, Nov. 13, 1978; lowest measured, 0.06 ft below NGVD, Dec. 30, 1987.

STATION NUMBER 265803080052502 PB - 746
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.42	3.27	3.40	---	---	---	---	---	---	---	---	---
10	4.28	3.87	3.30	3.23	---	---	---	---	---	---	---	---
15	4.11	---	3.20	---	---	---	---	---	---	---	---	---
20	3.90	---	---	---	---	---	---	---	---	---	---	---
25	3.81	3.96	2.92	---	---	---	---	---	---	---	---	---
EOM	3.48	3.70	---	---	---	---	---	---	---	---	---	---
MEAN	4.05	---	---	---	---	---	---	---	---	---	---	---
MAX	4.54	---	---	---	---	---	---	---	---	---	---	---
MIN	3.48	---	---	---	---	---	---	---	---	---	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--265812080053901. Local Number PB 565. USGS Observation Well at Tequesta, FL.

LOCATION.--Lat 26°58'12", long 80°05'39", in NE1/4NE1/4 sec.25, T.40 S., R.42 E., Hydrologic Unit 03090202, near intersection of Old Dixie Highway and County Line Road in Tequesta, and 0.1 west of U.S. Highway 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 21.9 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 14.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.24 ft above land-surface datum.

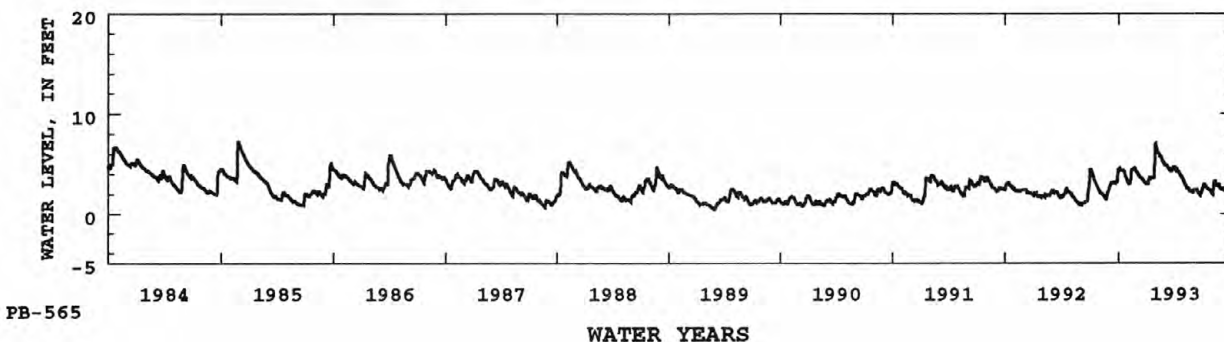
PERIOD OF RECORD.--October 1970 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 8.39 ft NGVD, Dec. 12, 1978; lowest, 0.23 ft NGVD, Feb. 22, 1976.

STATION NUMBER 265812080053901 PB - 565
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.36	2.96	3.83	3.27	6.10	4.81	4.36	2.82	2.43	2.88	3.23	2.34
10	4.29	4.12	3.62	3.68	5.75	4.50	4.25	2.58	2.35	2.59	2.93	2.44
15	4.34	4.47	3.46	3.63	5.60	4.34	4.03	2.39	2.00	2.48	2.69	3.30
20	4.09	4.51	3.27	3.59	5.23	4.29	3.70	2.26	1.91	2.40	2.92	3.64
25	3.57	4.28	3.14	6.19	4.99	4.61	3.46	2.26	2.31	2.20	2.49	3.26
EOM	3.14	4.05	2.97	6.50	4.88	4.58	3.07	2.30	2.74	2.06	2.52	3.30
MEAN	4.04	3.98	3.42	4.20	5.58	4.56	3.91	2.45	2.26	2.47	2.80	2.98
MAX	4.50	4.57	3.98	6.94	6.38	4.88	4.47	3.01	2.74	2.94	3.25	3.64
MIN	3.14	2.93	2.92	2.96	4.88	4.25	3.07	2.10	1.88	1.92	2.41	2.31

WTR YR 1993 MEAN 3.54 MAX 6.94 MIN 1.88



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

677

WELL NUMBER.--262403080141301. Local Number PB 1108. USGS Observation Well near West Palm Beach, FL.

LOCATION.--Lat 26°24'03", long 80°14'13", in NW1/4 sec.2, T.47 S., R.41 E., Hydrologic Unit 03090202, 10 ft east of levee road, 5 ft west of PB 1630, 4.85 mi south of PB 1107 and 6.90 mi south of Levee gate which is the west end of the main road to visitors center of the Loxahatchee National Wildlife Refuge, approximately 1 mi west of U.S. 441, 9 mi west of Boynton Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 88 ft, cased to 83 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 26.42 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

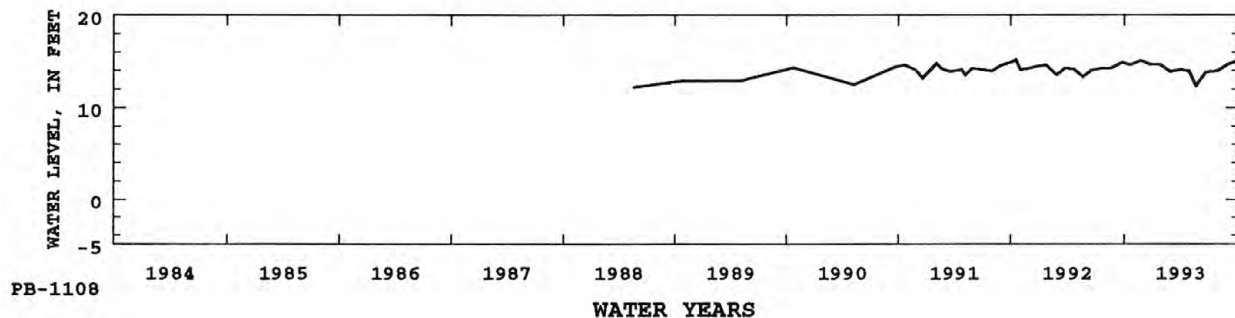
PERIOD OF RECORD.--May 1988 to September 1990 (semiannual), October 1990 to November 1991 (intermittent), December 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.12 ft NGVD, Oct. 17, 1991; lowest measured, 12.22 ft NGVD, May 17, 1988.

262403080141301 - PB -1108

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
19...	1515	14.58	27...	1638	13.96
NOV			MAY		
24...	1345	15.06	19...	1645	12.32
DEC			JUN		
22...	1135	14.63	21...	1309	13.83
JAN			JUL		
22...	1650	14.67	28...	1345	13.95
FEB			AUG		
25...	1810	13.87	31...	1050	14.62
MAR			SEP		
30...	1145	14.08	22...	1020	14.91



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--262808080131701. Local Number PB 1107. USGS Observation Well near Boynton Beach, FL.

LOCATION.--Lat 26°28'08", long 80°13'17", in SW1/4SW1/4SW1/4, sec.21, T.46 S., R.41 E., Hydrologic Unit 03090202, 8 ft east of Levee Road, 2 ft north of PB 1631 and 2.05 mi south of levee gate which is in the west end of the main road to visitors center of the Loxahatchee National Wildlife Refuge approximately 1 mi west of U.S. 441, 9 mi west of Boynton Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 105 ft, cased to 95 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 25.77 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.50 ft below land-surface datum.

REMARKS.--Well is a part of a regional monitoring network.

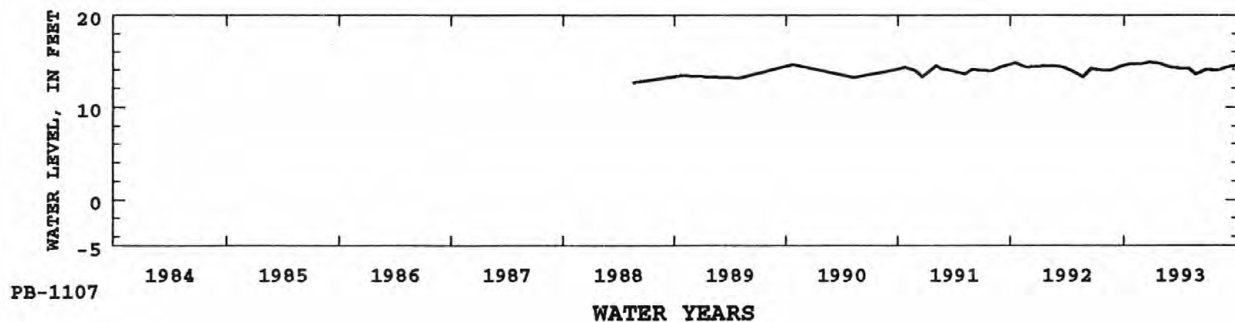
PERIOD OF RECORD.--July 1980 to May 1988, October 1988 to November 1991 (intermittent), January 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.85 ft NGVD, Dec. 22, 1992; lowest measured, 12.64 ft NGVD, May 17, 1988.

262808080131701 - PB -1107

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
19...	1510	14.66	27...	1620	14.14
NOV			MAY		
24...	1325	14.67	19...	1630	13.57
DEC			JUN		
22...	1125	14.85	21...	1255	14.05
JAN			JUL		
22...	1705	14.72	28...	1330	13.97
FEB			AUG		
25...	1755	14.28	31...	1030	14.32
MAR			SEP		
30...	1210	14.14	22...	1010	14.46



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

679

WELL NUMBER.--263755080102605. Local Number PB 1155. USGS Observation Well near West Palm Beach, FL.

LOCATION.--Lat 26°37'55", long 80°10'26", in NE1/4NE1/4NE1/4 sec.20, T.42 S., R.44 E., Hydrologic Unit 03090202, 8 ft south of canal, 20 ft east of fence and 20 ft north of telephone pole at north end of Hoy Lake Road, 1 mi south of Forest Hill Boulevard, 1 mi east of Florida Turnpike, 7 1/2 mi west of Lake Worth.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 80 ft, cased to 75 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.35 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.30 ft below land-surface datum.

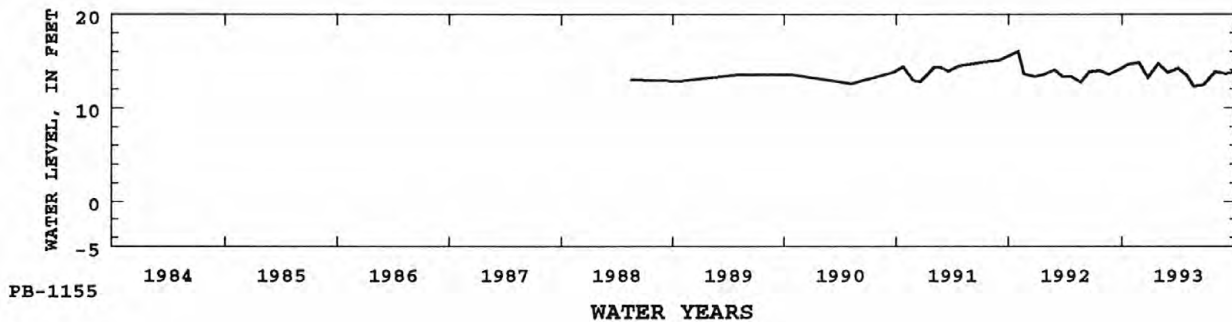
PERIOD OF RECORD.--May 1983 to October 1983, May 1988 to September 1990 (semiannual), October 1990 to October 1991 (intermittent), November 1991 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.95 ft NGVD, Oct. 31, 1991; lowest measured, 12.29 ft NGVD, May 19, 1993.

263755080102605 - PB -1155

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
19...	1625	14.58	26...	1615	13.48
NOV			MAY		
24...	1040	14.81	19...	1755	12.29
DEC			JUN		
22...	1000	13.20	21...	1048	12.43
JAN			JUL		
25...	1030	14.61	28...	1125	13.82
FEB			AUG		
26...	1500	13.77	30...	1305	13.59
MAR			SEP		
30...	1515	14.14	22...	0930	13.74



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--265550080071801. Local Number PB 789. USGS Observation Well in Jupiter, FL.

LOCATION.--Lat 26°55'50", long 80°07'18", in SW1/4NE1/4SW1/4 sec.2, T.41 S., R.42 E., Hydrologic Unit 03090202, 2 ft north of Commerce Avenue and 10 ft east of Commerce Way, 1/4 mi south of Indiantown Road in Jupiter.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 112 ft, cased to 112 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 6.76 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .1 ft above land-surface datum.

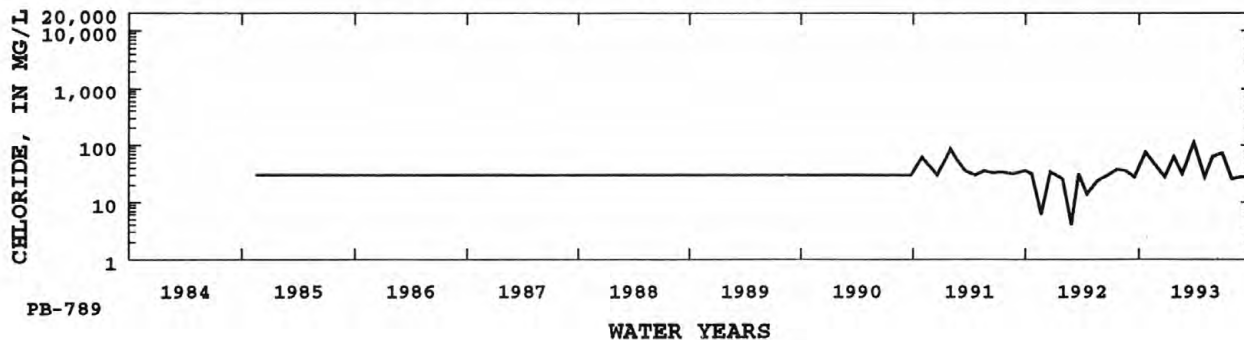
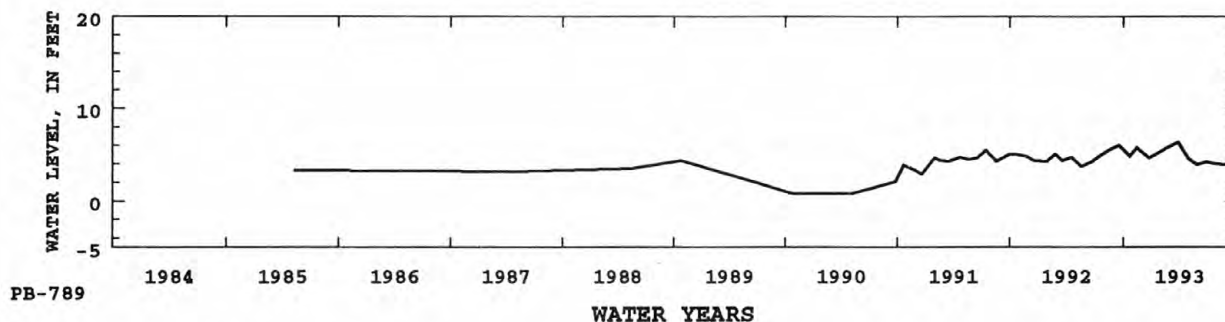
PERIOD OF RECORD.--October 1975 to June 1978, May 1983 to May 1987 (annual), May 1988 to October 1990 (intermittent), November 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.34 ft NGVD, Mar. 26, 1993; lowest measured, 0.78 ft NGVD, Oct. 23, 1989.

265550080071801 - PB - 789

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
21...	0936	4.85	29...	1350	4.55
NOV			MAY		
13...	1230	5.73	25...	1145	3.94
DEC			JUN		
23...	1330	4.60	25...	1150	4.18
JAN			JUL		
21...	1425	5.20	27...	1745	4.00
FEB			AUG		
17...	1550	5.73	25...	1245	3.94
MAR			SEP		
26...	1455	6.34	21...	1000	4.67



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

681

WELL NUMBER.--265439080102904. Local Number PB 875. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°54'39", long 80°10'29", in NW1/4NW1/4NW1/4 sec.17, T.41 S., R.42 E., Hydrologic Unit 03090202, approximately 10 ft south of centerline of dirt road that runs along north side of C-18. PB 875 is part of a cluster of five wells that are approximately 0.1 mi east of pump house and bend in C-18 and approximately 1 mi north of the 159th Court bridge that crosses smaller C-14 to C-18, 2 mi east of Jupiter.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 24 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.36 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.1 ft above land-surface datum.

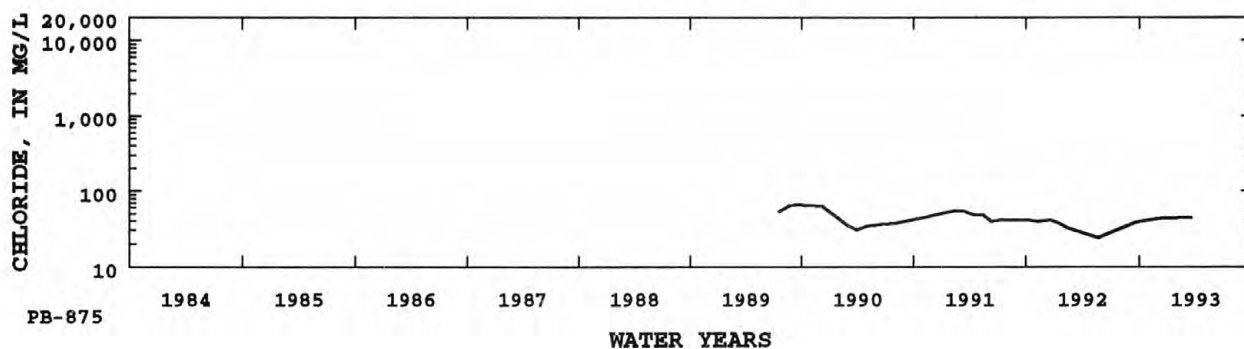
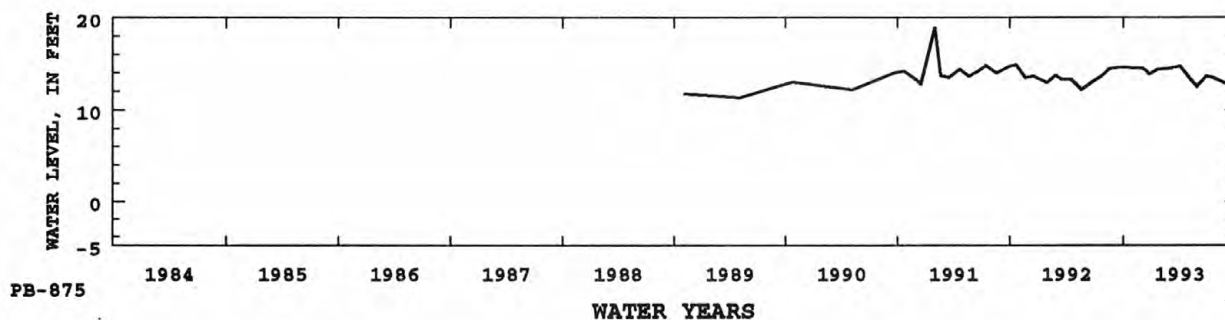
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--November 1988 to May 1990 (intermittent), June 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.88 ft NGVD, Jan. 31, 1991; lowest measured, 11.32 ft NGVD, May 4, 1989.

265439080102904 - PB - 875

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED	ELEV- ATION ABOVE NGVD
		(US/CM)	(MG/L AS CL)	(FEET)			(US/CM)	(MG/L AS CL)	(FEET)
DEC					MAY				
01...	1430	--	--	14.53	25...	1235	--	--	12.47
14...	1445	538	43	14.14	JUN				
23...	1245	--	--	13.80	25...	1315	--	--	13.62
JAN					JUL				
21...	1615	--	--	14.38	15...	1600	--	--	13.49
FEB					AUG				
19...	1215	--	--	14.43	25...	1335	--	--	12.82
MAR					SEP				
18...	1130	520	44	--	21...	1120	--	--	13.66
APR									
02...	0830	--	--	14.71					
29...	1300	--	--	13.56					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--265439080102901. Local Number PB 880. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°54'39", long 80°10'29", in NW1/4NW1/4NW1/4 sec.17, T.41 S., R.42 E., Hydrologic Unit 03090202, approximately 25 ft south of centerline of dirt road that runs along north side of C-18. PB 880 is part of a cluster of five wells that are approximately 0.1 mi east of pump house and bend in C-18, approximately 1 mi north of the 159th bridge that crosses smaller C-14 to C-18, 2 mi east of Jupiter.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 118 ft, cased to 118 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 17.06 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

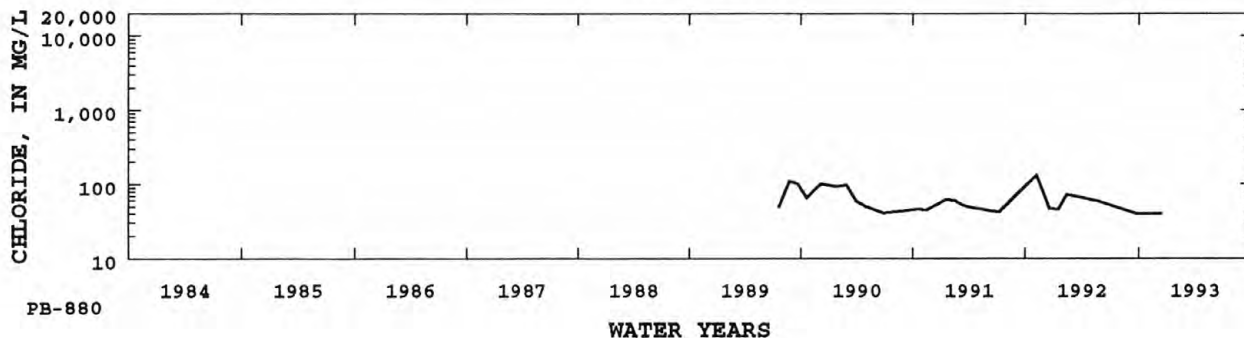
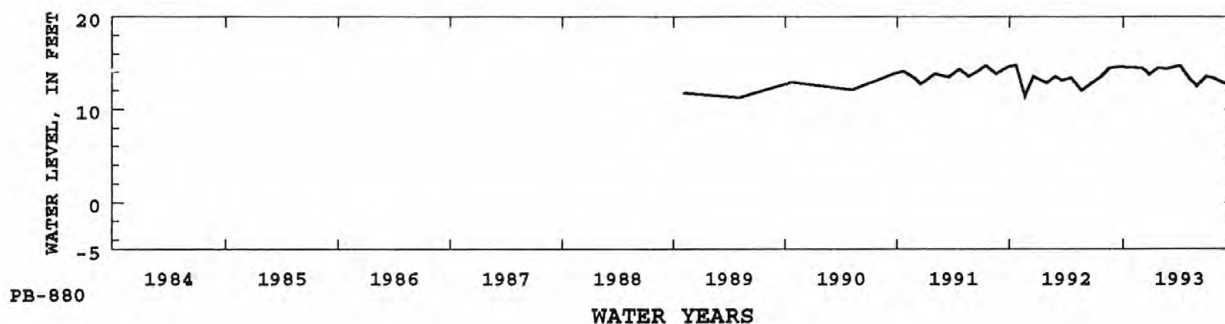
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--May 1983 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.76 ft NGVD, Oct. 21, 1991; lowest measured, 11.25 ft NGVD, May 4, 1989.

265439080102901 - PB - 880

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		ANCE	SOLVED	NGVD			ANCE	SOLVED	NGVD
(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)	(US/CM)	(MG/L	(US/CM)	(MG/L	(FEET)
	AS CL)		AS CL)			AS CL)		AS CL)	
DEC					MAY				
01...	145	--	--	14.46	25...	1240	--	--	12.51
14...	1500	525	40	14.11	JUN				
23...	1240	--	--	13.73	25...	1320	--	--	13.56
JAN					JUL				
21...	1615	--	--	14.41	15...	1555	--	--	13.42
FEB					AUG				
19...	1230	--	--	14.40	25...	1345	--	--	12.75
APR					SEP				
02...	0835	--	--	14.69	21...	1125	--	--	13.58
29...	1255	--	--	13.48					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

683

WELL NUMBER.--264731080035501. Local Number PB 620. USGS Observation Well in Riviera Beach, FL.

LOCATION.--Lat 26°47'31", long 80°03'55", in NW1/4NW1/4NW1/4 sec.28, T.42 S., R.43 E., Hydrologic Unit 03090202, inside valve box 32 ft north of centerline of 37th Street West and 23 ft west of 6th Street, near sidewalk, approximately 1 mi west of U.S. 1 in Riviera Beach.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 36 ft, cased to 32 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 11.95 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.2 ft below land-surface datum.

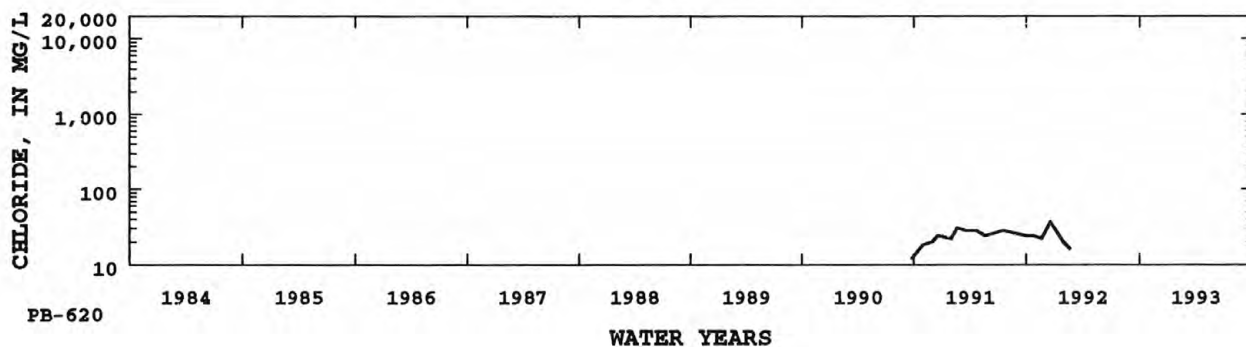
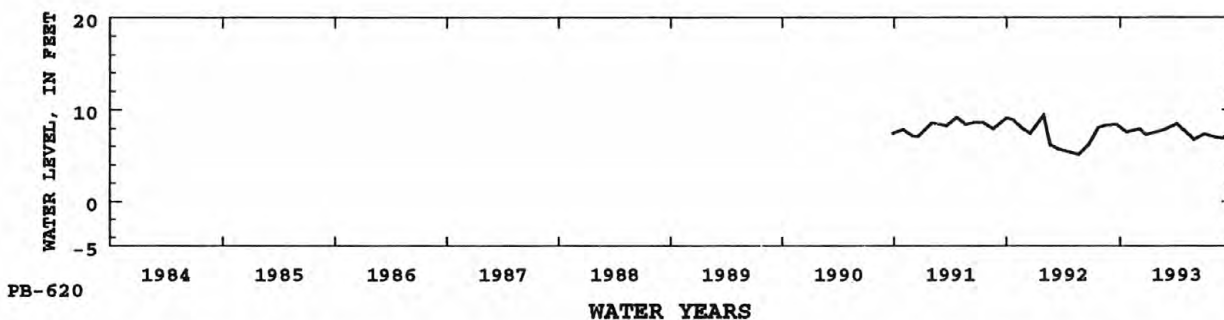
PERIOD OF RECORD.--September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 9.39 ft NGVD, Jan. 29, 1992; lowest measured, 5.10 ft NGVD, May 19, 1992.

264731080035501 - PB - 620

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
22...	1155	7.56	14...	1030	7.17
DEC			26...	1105	6.69
02...	1200	7.91	JUN		
23...	1440	7.26	29...	1530	7.35
JAN			JUL		
22...	1020	7.56	26...	1445	7.06
FEB			AUG		
22...	1500	7.86	26...	1420	6.89
APR			SEP		
02...	1450	8.49	21...	1455	7.53



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--265114080173101. Local Number PB 715. USGS Observation Well near Palm Beach Gardens, FL.

LOCATION.--Lat 26°51'14", long 80°17'31", in NW1/4NW1/4NW1/4 sec.6, T.42 S., R.41 E., Hydrologic Unit 03090202, 3 ft north of dirt road between State Road 710 and back entrance to Corbett Wildlife Area east of C-18 Canal and 3.0 mi north of North Lake Boulevard, 10 mi west of Palm Beach Gardens.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 15 ft, cased to 10 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 24.51 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.5 ft above land-surface datum.

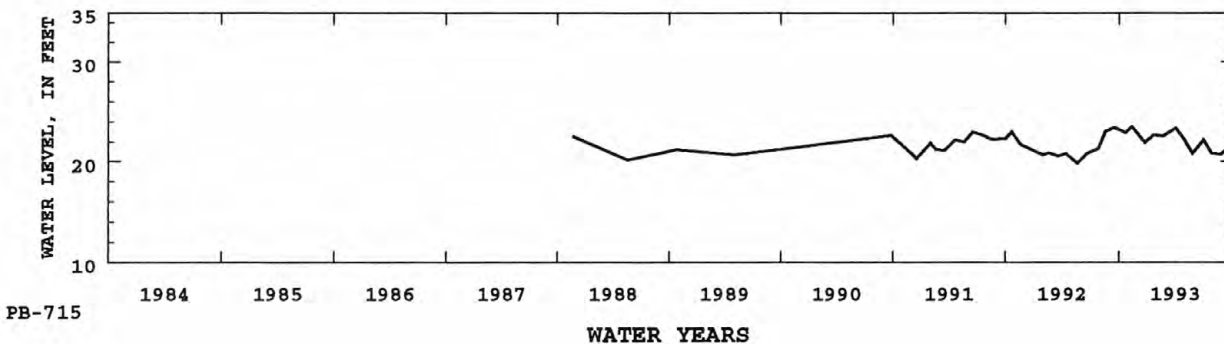
PERIOD OF RECORD.--November 1987 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 23.45 ft NGVD, Nov. 12, 1992; lowest measured, 19.81 ft NGVD, May 19, 1992.

265114080173101 - PB - 715

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
21...	1410	22.86	25...	1520	20.80
NOV			JUN		
12...	1300	23.45	29...	1200	22.18
DEC			JUL		
22...	1630	21.90	26...	1150	20.78
JAN			AUG		
21...	1225	22.70	25...	1555	20.77
FEB			SEP		
19...	1550	22.52	21...	1340	21.36
APR					
02...	1240	23.32			
28...	1140	22.23			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

685

WELL NUMBER.--265606080135502. Local Number PB 1547. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°56'06", long 80°13'55", in SE1/4SE1/4NW1/4 sec.3, T.41 S., R.41 E., Hydrologic Unit 03090202, meter box 40 ft north of C-2 Canal and 125 ft west of Mellen Lane in Jupiter Farms Development, 5 mi west of Jupiter.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 120 ft, cased to 115 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.74 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.2 ft below land-surface datum.

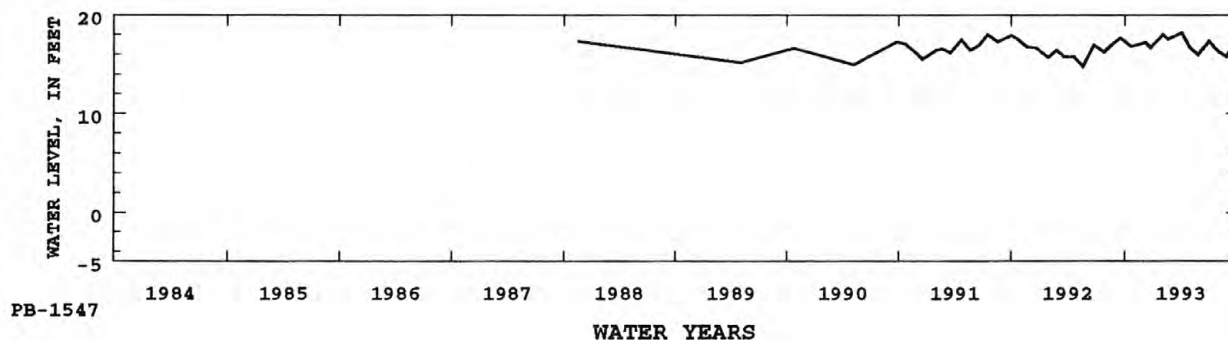
PERIOD OF RECORD.--November 1987 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.19 ft NGVD, Apr. 2, 1993; lowest measured, 14.76 ft NGVD, May 20, 1992.

265606080135502 - PB -1547

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
21...	1125	16.79	25...	1300	15.94
DEC			JUN		
07...	1320	17.18	29...	0930	17.31
23...	1305	16.62	JUL		
FEB			26...	0950	16.30
01...	1015	17.97	AUG		
17...	1300	17.51	25...	1405	15.76
APR			SEP		
02...	0910	18.19	21...	1145	17.23
28...	0950	16.65			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--264208080192201. Local Number PB 685. USGS Observation Well in West Palm Beach, FL.

LOCATION.--Lat 26°47'31", long 80°03'55", in NW1/4NW1/4SW1/4 sec.33, T.47 S., R.42 E., Hydrologic Unit 03090202, approximately 25 ft east of Lion County Safari Road, 1.3 mi north of Southern Boulevard (SR 80), approximately 16 mi west of West Palm Beach .

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 17 ft, cased to 17 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.0 ft above land-surface datum.

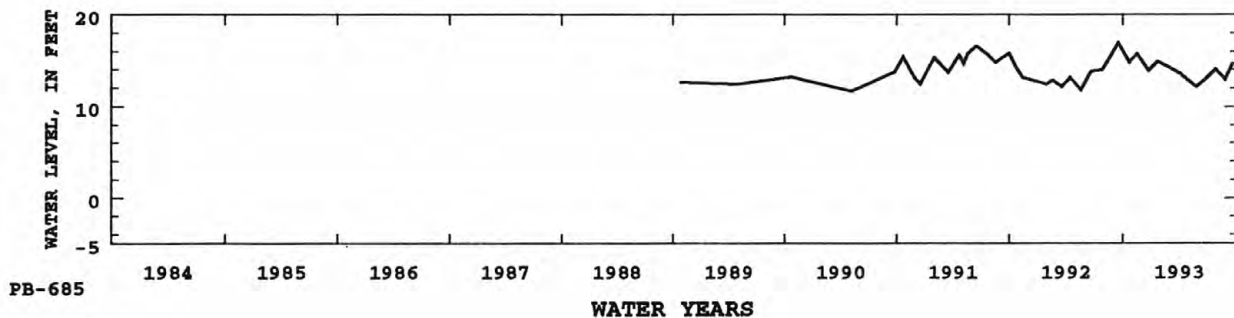
PERIOD OF RECORD.--October 1988 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.89 ft NGVD, Sept. 17, 1992; lowest measured, 11.69 ft NGVD, May 7, 1990.

264208080192201 - PB - 685

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
21...	1445	14.76	25...	1630	12.18
NOV			JUN		
16...	1420	15.70	29...	1330	13.10
DEC			JUL		
22...	1555	13.88	26...	1245	14.06
JAN			AUG		
21...	1655	14.88	26...	1000	12.93
FEB			SEP		
22...	1132	14.29	21...	1405	14.72
APR					
02...	1305	13.61			
28...	1334	12.82			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

687

WELL NUMBER.--265215080031301. Local Number PB 710. USGS Observation Well in Juno Beach, FL.

LOCATION.--Lat 26°52'15", long 80°03'13", in SE1/4NW1/4SE1/4 sec.28, T.41 S., R.43 E., Hydrologic Unit 03090202, in middle of driveway of private residence 105 ft west of Ocean Drive (A1A) and 14 ft north of centerline of Sunset Way, approximately 1/4 mi east of U.S. 1 in Juno Beach .

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 23 ft, cased to 18 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 17.16 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, at land-surface datum.

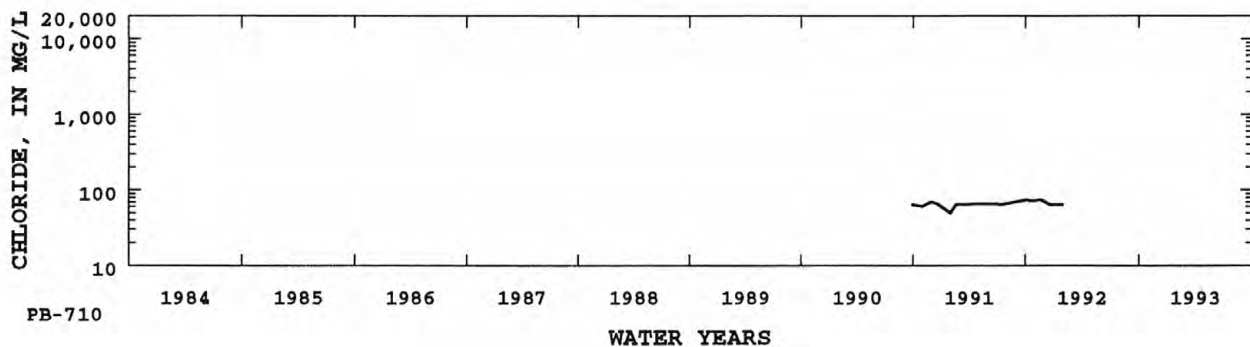
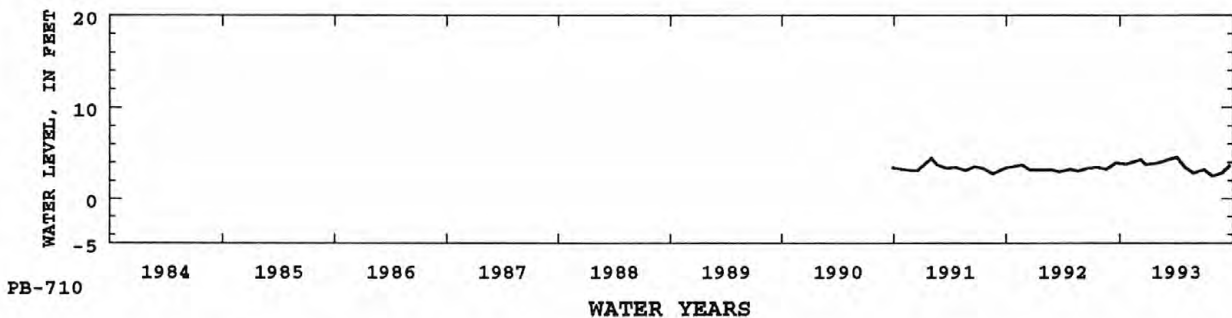
PERIOD OF RECORD.--October 1980 to October 1981 (semiannual), September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 4.54 ft NGVD, Apr. 2, 1993; lowest measured, 1.32 ft NGVD, Apr. 29, 1981.

265215080031301 - PB - 710

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
22...	1215	3.79	26...	1040	2.80
DEC			JUN		
07...	1500	4.25	29...	1550	3.16
23...	1500	3.78	JUL		
JAN			26...	1500	2.49
22...	0945	3.86	AUG		
FEB			26...	1525	2.86
22...	1545	4.17	SEP		
APR			21...	1510	3.68
02...	1510	4.54			
29...	1510	3.43			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS PALM BEACH COUNTY

WELL NUMBER.--265427080241502. Local Number PB 1615. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°54'27", long 80°24'15", in SE1/4SE1/4NE1/4 sec.14, T.41 S., R.37 E., Hydrologic Unit 03090202, 4 ft east of palm tree and 2 ft north of PB-1613 approximately 25 ft south of south edge of canal in camping area D, in Corbett Wildlife Management Area, 18 miles west of Jupiter.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 25.65 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft below land-surface datum.

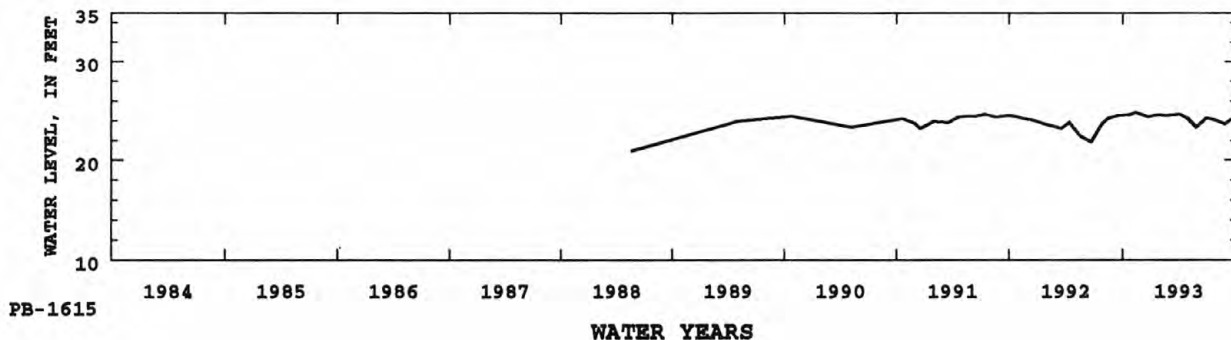
PERIOD OF RECORD.--May 1988 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.84 ft NGVD, Nov. 12, 1992; lowest measured, 20.95 ft NGVD, May 18, 1988.

265427080241502 - PB -1615

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
22...	0935	24.55	25...	1405	23.32
NOV			JUN		
12...	1420	24.84	29...	1025	24.21
DEC			JUL		
23...	1725	24.35	26...	1025	24.03
JAN			AUG		
21...	1040	24.55	25...	1455	23.63
FEB			SEP		
19...	1410	24.48	21...	1250	24.19
APR					
02...	0950	24.62			
28...	1045	24.25			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

689

WELL NUMBER.--265427080241501. Local Number PB 1613. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°54'27", long 80°24'15", in SE1/4SE1/4NE1/4 sec.14, T.41 S., R.39 E., Hydrologic Unit 03090202, meter box 4 ft east of palm tree and 2 ft south of PB 1615, approximately 25 ft south of south edge of canal in camping area D, in Corbett Wildlife Management Area, 18 mi west of Jupiter.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 162 ft, cased to 162 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 25.27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.20 ft below land-surface datum.

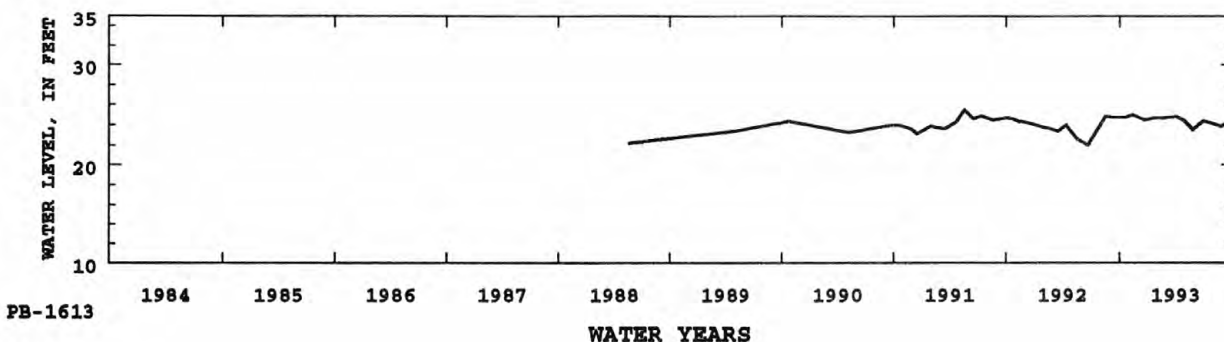
PERIOD OF RECORD.--May 1988 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.47 ft NGVD, May 20, 1991; lowest measured, 21.97 ft NGVD, June 22, 1992.

265427080241501 - PB -1613

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
22...	0930	24.70	25...	1400	23.47
NOV			JUN		
12...	1425	24.97	29...	1030	24.36
DEC			JUL		
22...	1730	24.47	26...	1020	24.15
JAN			AUG		
21...	1035	24.68	25...	1450	23.79
FEB			SEP		
19...	1400	24.64	21...	1245	24.33
APR					
02...	0955	24.80			
28...	1050	24.42			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--265606080135503. Local Number PB 1548. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°56'06", long 80°13'55", in SE1/4SE1/4NW1/4 sec.3, T.41 S., R.41 E., Hydrologic Unit 03090202, meter box 4 ft north of C-2 canal and 175 ft west of Mellen Lane in Jupiter Farms Development, 5 mi west of Jupiter.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 60 ft, cased to 60 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 19.49 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.3 ft below land-surface datum.

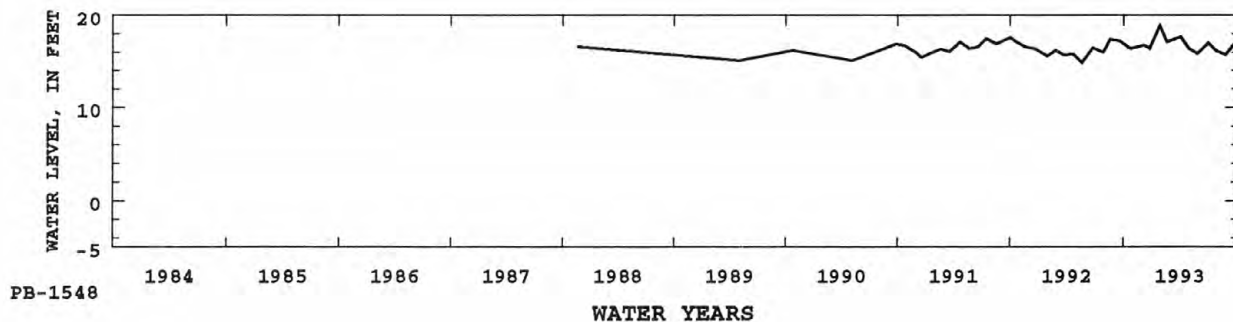
PERIOD OF RECORD.--November 1987 to September 1990 (semiannual), October 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 18.81 ft NGVD, Jan. 26, 1993; lowest measured, 14.84 ft NGVD, May 20, 1992.

265606080135503 - PB -1548

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
21...	1130	16.42	25...	1305	15.82
DEC			JUN		
07...	1325	16.77	29...	0940	16.94
23...	1305	16.40	JUL		
JAN			26...	0955	16.09
26...	1505	18.81	AUG		
FEB			25...	1415	15.70
17...	1305	17.10	SEP		
APR			21...	1150	16.89
02...	0915	17.65			
28...	0940	16.41			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

691

WELL NUMBER.--265633080203001. Local Number PB 689. USGS Observation Well near Jupiter, FL.

LOCATION.--Lat 26°56'33", long 80°20'30", in NE1/4NW1/4NE1/4 sec.4, T.41 S., R.40 E., Hydrologic Unit 03090202, on south side of State Road 706, 3.45 mi west of State Road 711 and 0.6 mi east of State Road 710, 12 mi west of Jupiter.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 17 ft, cased to 17 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 24.43 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.00 ft above land-surface datum.

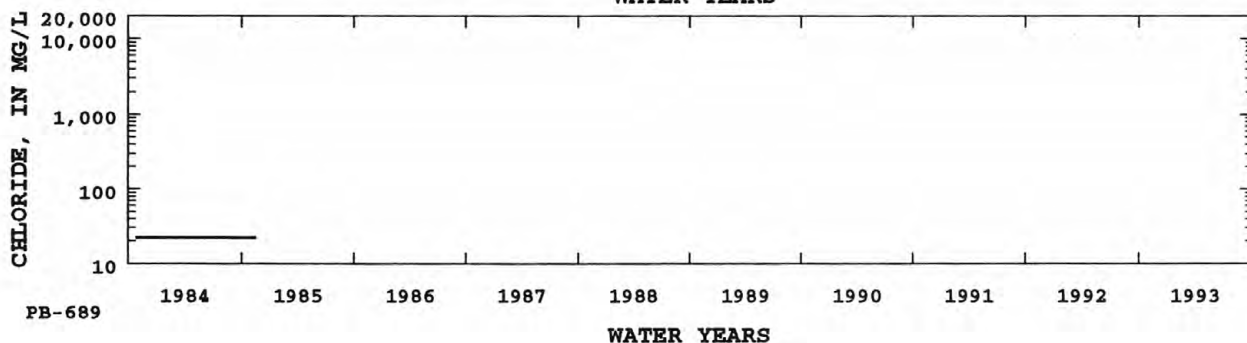
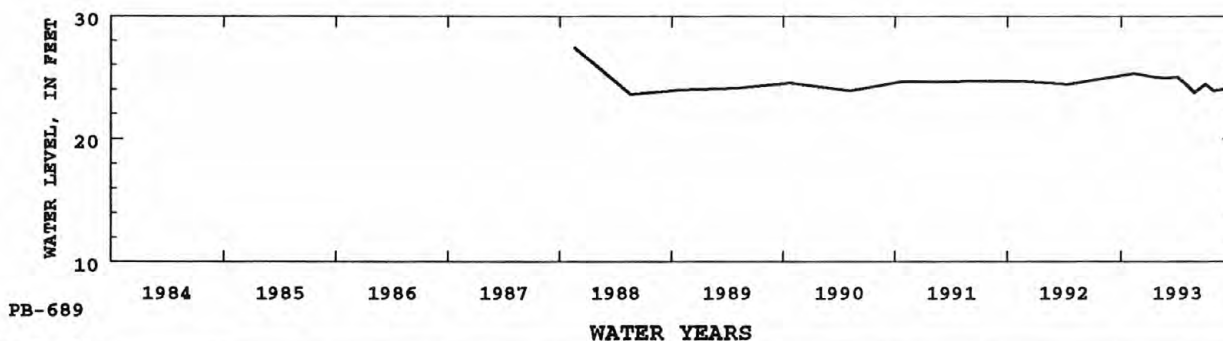
PERIOD OF RECORD.--May 1983 to November 1992 (semiannual), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 27.43 ft NGVD, Nov. 17, 1987; lowest measured, 23.55 ft NGVD, May 18, 1988.

265633080203001 - PB - 689

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
NOV			JUN		
12...	1500	25.31	29...	1005	24.43
JAN			JUL		
21...	0958	24.97	26...	1010	23.91
FEB			AUG		
19...	1330	24.93	25...	1435	23.99
APR			SEP		
02...	0940	24.99	21...	1215	24.50
28...	1030	24.42			
MAY					
25...	1345	23.75			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
261950080078302	PB -1618		26 19 50 N	080 07 38 W	03-18-93	--	--	9.60
					04-27-93	--	--	9.55
					05-06-93	--	--	9.43
					09-14-93	--	--	9.85
262007080045801	PB - 502		26 20 07 N	080 04 58 W	11-27-92	--	--	4.98
					03-17-93	--	--	3.28
					05-06-93	--	--	3.04
					09-14-93	--	--	3.20
262018080063801	PB - 752		26 20 18 N	080 06 38 W	11-27-92	--	--	6.31
					03-18-93	--	--	4.54
					05-06-93	--	--	4.37
					09-14-93	--	--	4.34
262030080053001	PB - 452R		26 20 30 N	080 05 30 W	11-27-92	--	--	5.68
					03-17-93	--	--	3.14
					05-06-93	--	--	2.74
					09-14-93	--	--	3.39
262037080055801	PB - 543		26 20 37 N	080 05 58 W	11-27-92	--	--	2.98
					03-17-93	--	--	1.53
					05-06-93	--	--	1.50
					09-14-93	--	--	2.12
262038080071501	PB -1077		26 20 38 N	080 07 15 W	11-27-92	--	--	7.27
					03-18-93	--	--	7.69
					05-06-93	--	--	7.38
					09-14-93	--	--	7.66
262045080052401	PB - 465		26 20 45 N	080 05 24 W	11-27-92	--	--	5.85
					03-17-93	--	--	3.21
					05-06-93	--	--	2.85
					09-14-93	--	--	3.20
262057080074901	PB -1076		26 20 57 N	080 07 49 W	11-27-92	--	--	9.38
					03-18-93	--	--	9.00
					05-06-93	--	--	8.47
					09-13-93	--	--	9.73
262102080054701	PB - 450		26 21 02 N	080 05 47 W	11-27-92	--	--	4.08
					03-17-93	--	--	2.06
					05-06-93	--	--	1.82
					09-14-93	--	--	2.22
262108080071501	PB - 754		26 21 08 N	080 07 15 W	11-27-92	--	--	6.42
					03-18-93	--	--	5.15
					05-06-93	--	--	5.01
					09-13-93	--	--	6.30
262114080054002	PB - 500		26 21 14 N	080 05 40 W	11-27-92	--	--	5.35
					03-17-93	--	--	3.35
					05-07-93	--	--	2.98
					09-14-93	--	--	3.11
262114080064501	PB - 753		26 21 14 N	080 06 45 W	11-27-92	--	--	3.95
					03-18-93	--	--	3.01
262117080055002	PB - 498		26 21 17 N	080 05 50 W	11-27-92	--	--	3.06
					03-17-93	--	--	1.40
					05-06-93	--	--	1.34
					09-14-93	--	--	1.84

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

693

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
262129080044801	PB - 460		26 21 29 N	080 04 48 W	11-27-92	--	--	4.14
					03-17-93	--	--	2.60
					05-07-93	--	--	2.27
					09-14-93	--	--	2.70
262132080053401	PB - 449		26 21 32 N	080 05 34 W	11-27-92	--	--	5.24
					03-17-93	--	--	3.12
					05-06-93	--	--	2.34
					09-14-93	--	--	2.42
262138080054601	PB - 467		26 21 38 N	080 05 46 W	10-20-92	520	40	--
					11-27-92	528	38	--
					12-21-92	536	40	--
					01-20-93	541	40	--
					02-26-93	548	38	--
					03-31-93	558	40	--
					04-30-93	544	36	--
262138080054601	PB - 467		26 21 38 N	080 05 46 W	05-20-93	532	38	--
					06-22-93	543	38	--
					07-29-93	544	38	--
					08-31-93	542	38	--
					09-23-93	550	40	--
262144080052801	PB -1454		26 21 44 N	080 05 28 W	11-27-92	--	--	5.90
					03-17-93	--	--	3.63
					05-06-93	--	--	2.18
					09-13-93	--	--	1.61
262149080055801	PB -1075		26 21 49 N	080 05 58 W	11-27-92	--	--	3.81
					03-17-93	--	--	4.04
					05-06-93	--	--	3.73
					09-13-93	--	--	2.46
262200080050701	PB - 494		26 22 00 N	080 05 07 W	11-25-92	--	--	6.57
					03-17-93	--	--	5.81
					05-06-93	--	--	5.31
					09-13-93	--	--	3.61
262202080052001	PB - 470		26 22 02 N	080 05 20 W	11-25-92	--	--	7.24
					03-17-93	--	--	6.72
					05-06-93	--	--	5.51
					09-14-93	--	--	4.18
262204080102301	PB -1620		26 22 04 N	080 10 23 W	11-26-92	--	--	15.45
					04-27-93	--	--	14.91
					05-06-93	--	--	14.78
					09-13-93	--	--	15.58
262218080070102	PB -1619		26 22 18 N	080 07 01 W	11-27-92	--	--	7.50
					03-18-93	--	--	5.79
					04-30-93	--	--	5.78
					05-06-93	--	--	5.62
					09-13-93	--	--	6.20
262225080055001	PB - 540R		26 22 25 N	080 05 50 W	11-27-92	--	--	5.62
					03-17-93	--	--	3.80
					05-06-93	--	--	4.21
					09-13-93	--	--	2.81

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
262247080044001	PB - 458		26 22 47 N	080 04 40 W	11-25-92	--	--	5.91
					03-17-93	--	--	4.14
					05-06-93	--	--	3.76
					09-13-93	--	--	3.66
262251080052801	PB - 447		26 22 51 N	080 05 28 W	11-27-92	--	--	6.08
					03-17-93	--	--	3.71
					05-06-93	--	--	4.46
					09-13-93	--	--	2.30
262255080055301	PB - 541		26 22 55 N	080 05 53 W	11-27-92	--	--	5.53
					03-17-93	--	--	3.78
					05-06-93	--	--	4.33
					09-13-93	--	--	3.00
262258080062901	PB -1074		26 22 58 N	080 06 29 W	11-27-92	--	--	6.55
					03-18-93	--	--	6.06
					05-06-93	--	--	4.99
					09-13-93	--	--	5.01
262310080050101	PB - 457		26 23 10 N	080 05 01 W	11-25-92	--	--	8.45
					03-17-93	--	--	6.29
					05-06-93	--	--	5.61
					09-13-93	--	--	4.31
262311080071801	PB -1079		26 23 11 N	080 07 18 W	11-27-92	--	--	9.06
					03-18-93	--	--	7.53
					05-06-93	--	--	7.28
					09-14-93	--	--	8.83
262316080045301	PB -1453		26 23 16 N	080 04 53 W	11-25-92	--	--	8.48
					03-18-93	--	--	6.52
					05-06-93	--	--	5.46
					09-13-93	--	--	4.59
262342080083401	PB -1492		26 23 42 N	080 08 34 W	11-27-92	--	--	15.44
					03-18-93	--	--	15.39
					05-06-93	--	--	14.54
262342080083401	PB -1492		26 23 42 N	080 08 34 W	09-13-93	--	--	15.70
262346080065001	PB -1493		26 23 46 N	080 06 50 W	11-27-92	--	--	7.04
					03-18-93	--	--	6.27
					05-06-93	--	--	6.06
					09-13-93	--	--	6.71
262352080043901	PB -1452		26 23 52 N	080 04 39 W	11-25-92	--	--	5.49
					03-17-93	--	--	3.57
					05-06-93	--	--	3.18
					09-13-93	--	--	3.20
262403080141302	PB -1630		26 24 03 N	080 14 13 W	11-24-92	--	--	14.79
					04-27-93	--	--	13.84
262553080121501	PB -1573		26 25 53 N	080 12 15 W	11-24-92	--	--	15.50
					04-27-93	--	--	15.65
262553080121502	PB -1574				11-24-92	--	--	15.17
					04-27-93	--	--	15.51
262553080121504	PB -1623				11-24-92	--	--	15.57
					04-27-93	--	--	15.65

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

695

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (72020)
262554080085103	PB -1621		26 25 54 N	080 08 51 W	11-24-92 04-27-93	-- --	-- --	16.20 15.83
262636080062101	PB -1605		26 26 36 N	080 06 21 W	11-30-92 04-28-93	-- --	-- --	9.05 8.54
262636080062103	PB -1622				11-30-92 04-28-93	-- --	-- --	8.79 8.60
262712080040701	PB - 690		26 27 12 N	080 04 07 W	11-27-92 02-24-93 04-28-93	33800 -- --	13000 -- --	3.54 9.38 1.34
262736080041801	PB -1624		26 27 36 N	080 04 18 W	11-30-92 04-28-93	-- --	-- --	6.15 5.62
262736080041802	PB -1647				11-30-92 02-24-93 04-28-93 08-31-93	479 -- 342 474	30 -- 20 24	6.22 5.92 5.74 4.86
262808080131702	PB -1631		26 28 08 N	080 13 17 W	11-24-92 04-27-93	-- --	-- --	14.96 14.14
262853080035501	PB - 692		26 28 53 N	080 03 55 W	11-27-92 02-23-93 04-28-93 08-31-93	38300 -- 37200 37400	15000 -- 14000 13000	3.47 2.13 1.75 1.52
263016080033801	PB -1625		26 30 16 N	080 03 38 W	11-30-92 04-28-93	-- --	-- --	7.05 4.34
263016080033802	PB -1626				11-30-92 04-28-93	-- --	-- --	6.88 4.20
263021080070101	PB -1627		26 30 21 N	080 07 01 W	11-30-92 04-28-93	-- --	-- --	12.81 11.74
263021080070102	PB -1628				11-30-92 04-28-93	-- --	-- --	12.78 11.55
263144080134001	PB -1097		26 31 44 N	080 13 40 W	11-24-92 04-28-93	-- --	-- --	17.49 15.61
263144080134002	PB -1632				11-24-92 04-28-93	-- --	-- --	17.55 15.84
263216080061701	PB -1602		26 32 16 N	080 06 17 W	11-30-92 05-14-93	-- --	-- --	12.86 11.65
263216080061702	PB -1603				11-30-92 05-14-93	-- --	-- --	12.71 11.60
263255080133602	PB -1577		26 32 55 N	080 13 36 W	05-14-93	--	--	15.31
263324080084601	PB -1633		26 33 24 N	080 08 46 W	11-30-92 04-28-93	-- --	-- --	16.00 15.44
263324080084602	PB -1634				11-30-92	--	--	16.23
263455080030801	PB - 846		26 34 55 N	080 03 08 W	04-26-93	--	--	3.41

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
263455080030802	PB - 834B				11-30-92	27700	9900	5.48
					02-23-93	--	--	3.61
					04-26-93	--	--	3.49
					08-30-93	28800	10000	2.78
263524080124302	PB -1641		26 35 24 N	080 12 43 W	11-24-92	--	--	17.53
					04-29-93	--	--	15.91
263527080030601	PB - 693		26 35 27 N	080 03 06 W	11-30-92	3100	990	5.84
					02-23-93	--	--	4.69
					04-26-93	--	--	4.45
263530080065001	PB -1635		26 35 30 N	080 06 50 W	11-30-92	--	--	14.30
					04-29-93	--	--	13.45
263530080065002	PB -1636				11-30-92	--	--	14.02
					04-29-93	--	--	13.19
263608080113801	PB - 935		26 36 08 N	080 11 38 W	04-29-93	--	--	15.42
263627080030401	PB - 694		26 36 27 N	080 03 04 W	11-30-92	6530	2100	5.46
					02-23-93	--	--	4.39
					04-26-93	6430	2000	4.24
					08-30-93	6860	2200	3.55
263627080030402	PB - 889				11-30-92	8000	2400	5.52
					02-23-93	--	--	4.24
					04-26-93	7840	2400	4.06
					08-30-93	8000	2400	3.47
263627080030403	PB - 888				11-30-92	--	--	4.49
					04-26-93	--	--	3.32
263628080030801	PB - 949		26 36 28 N	080 03 08 W	11-30-92	4900	1500	5.79
					02-23-93	--	--	4.72
					04-26-93	5070	1800	4.39
					08-30-93	5600	1700	3.72
263656080033501	PB -1638		26 36 56 N	080 03 35 W	12-02-92	--	--	7.81
					04-26-93	--	--	6.75
263656080033503	PB -1640				12-02-92	--	--	7.84
					04-26-93	--	--	6.73
263702080051901	PB -1578		26 37 02 N	080 05 19 W	11-30-92	--	--	9.49
					04-26-93	--	--	8.81
263702080051904	PB -1644				11-30-92	--	--	9.75
					04-26-93	--	--	8.89
263816080161101	PB - 750		26 38 16 N	080 16 11 W	11-16-92	--	--	14.80
263816080161102	PB - 751				11-16-92	--	--	14.30
					05-14-93	--	--	15.94
263856080101301	PB -1544		26 58 56 N	080 10 13 W	04-26-93	--	--	12.04
263942080164002	PB -1152		26 39 42 N	080 16 40 W	11-16-92	--	--	13.57
					04-26-93	--	--	12.27
264027080135004	PB -1153		26 40 27 N	080 13 50 W	11-16-92	--	--	13.54
					04-26-93	--	--	12.26

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
264033080060801	PB -1645		26 40 33 N	080 06 08 W	11-17-92 04-28-93	-- --	-- --	8.88 8.72
264033080060802	PB -1646				11-17-92 04-28-93	-- --	-- --	9.80 9.34
264041080171201	PB - 684		26 40 41 N	080 17 12 W	11-16-92	--	--	20.76
264103080025901	PB - 847		26 41 03 N	080 02 59 W	11-17-92 04-28-93	-- --	-- --	3.50 2.69
264103080025902	PB - 835B				11-17-92 02-22-93 04-28-93 08-26-93	691 -- 819 668	82 -- 120 78	3.54 2.81 2.71 2.47
264216080134403	PB -1157		26 42 16 N	080 13 44 W	11-16-92 04-28-93	-- --	-- --	14.85 16.30
264225080084701	PB -1089		26 42 25 N	080 08 47 W	11-16-92 04-28-93	-- --	-- --	11.50 11.01
264423080073501	PB - 733		26 44 23 N	080 07 35 W	11-17-92 04-28-93	-- --	-- --	14.91 14.16
264423080073503	PB - 767				11-17-92 04-28-93	-- --	-- --	14.96 14.12
264553080161701	PB -1534		26 45 53 N	080 16 17 W	11-16-92 04-28-93	-- --	-- --	17.87 18.01
264555080132201	PB -1536		26 45 55 N	080 13 22 W	11-16-92 04-28-93	-- --	-- --	18.52 17.87
264643080070002	PB -1150		26 46 43 N	080 07 00 W	05-18-93	--	--	13.37
264646080031401	PB - 632		26 46 46 N	080 03 14 W	11-17-92 02-22-93 04-28-93	21100 -- --	7100 -- --	4.71 4.05 4.00
264646080031401	PB - 632		26 46 46 N	080 03 14 W	08-26-93	21000	7200	3.48
264646080031403	PB - 633				11-17-92 04-28-93	-- --	-- --	3.81 3.78
264659080035101	PB - 618		26 46 59 N	080 03 51 W	10-22-92 11-17-92 05-14-93	-- -- --	-- -- --	4.29 6.74 7.65
264659080035102	PB - 795				10-22-92 11-17-92 05-14-93	-- -- --	-- -- --	0.10 2.64 0.07
264832080173301	PB -1529		26 48 32 N	080 17 33 W	11-16-92	--	--	20.84
264843080125001	PB -1554		26 48 43 N	080 12 50 W	12-08-92	--	--	19.77
264843080125002	PB -1555				12-08-92	--	--	18.98
265018080074101	PB - 719		26 50 18 N	080 07 41 W	11-12-92 05-18-93	-- --	-- --	13.26 11.86

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
265027080100201	PB -1084		26 50 27 N	080 10 02 W	11-12-92	--	--	15.71
					05-18-93	--	--	14.47
265027080100202	PB -1637				11-12-92	--	--	14.91
					05-18-93	--	--	13.97
265106080241401	PB - 830		26 51 06 N	080 24 14 W	11-12-92	--	--	23.93
					04-28-93	--	--	22.86
265114080173102	PB - 716		26 51 14 N	080 17 31 W	11-12-92	--	--	23.58
					04-28-93	--	--	22.22
265153080031401	PB - 921		26 51 53 N	080 03 14 W	11-17-92	24600	8500	2.55
					04-29-93	24400	8400	2.14
					08-26-93	30500	11000	1.19
265200080031201	PB - 596		26 52 00 N	080 03 12 W	11-17-92	507	40	2.64
					02-22-93	--	--	2.85
					04-29-93	--	45	2.09
					08-26-93	494	40	1.25
265233080054001	PB -1642		26 52 33 N	080 05 40 W	11-13-92	--	--	8.53
					04-02-93	--	--	7.78
					04-29-93	--	--	6.65
					05-26-93	--	--	5.66
					06-29-93	--	--	5.94
					07-26-93	--	--	5.58
					08-26-93	--	--	5.58
					09-21-93	--	--	7.54
265233080054002	PB -1643				11-13-92	--	--	7.37
					04-29-93	--	--	6.48
265248080103802	PB -1608		26 52 48 N	080 10 38 W	11-13-92	--	--	15.75
					05-18-93	--	--	14.60
265256080123201	PB -1525		26 52 56 N	080 12 32 W	11-13-92	--	--	16.00
					05-18-93	--	--	14.91
265412080092701	PB -1520		26 54 12 N	080 09 27 W	11-12-92	--	--	15.45
					12-15-92	670	40	--
					07-20-93	662	39	--
265417080130301	PB -1522		26 54 17 N	080 13 03 W	12-09-92	545	27	--
					03-17-93	540	29	--
					07-19-93	254	29	--
265418080082901	PB -1651		26 54 18 N	080 08 29 W	12-15-92	520	56	--
					03-23-93	530	49	--
					07-20-93	389	45	--
265418080082902	PB -1652				12-15-92	469	48	--
					07-20-93	567	44	--
265443080152001	PB -1524		26 54 43 N	080 15 20 W	12-08-92	--	--	18.83
					12-09-92	2750	540	--
					03-17-93	2590	490	--
					07-19-93	2340	530	--

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	SPE- CIFIC CON- DUCT- ANCE (US/CM) (00095)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	ELEV- ATION ABOVE NGVD (FEET) (72020)
265443080152002	PB -1552				12-08-92	--	--	17.29
					12-09-92	355	7.5	--
					03-17-93	306	4.6	--
					07-19-93	254	6.0	--
265508080083301	PB - 928		26 55 08 N	080 08 33 W	11-12-92	--	--	11.81
					12-10-92	554	31	--
					03-23-93	608	32	--
265510080083401	PB - 711		26 55 10 N	080 08 34 W	11-12-92	--	--	12.45
					12-10-92	462	24	--
					03-23-93	440	28	--
					07-19-93	453	28	--
265519080171801	PB - 717		26 55 19 N	080 17 18 W	11-12-92	--	--	22.74
					04-28-93	--	--	21.67
265537080123001	PB -1653		26 55 37 N	080 12 30 W	12-09-92	887	100	--
					03-15-93	--	110	--
					07-19-93	863	100	--
265609080103401	PB -1648		26 56 09 N	080 10 34 W	12-01-92	--	--	13.29
					04-29-93	--	--	9.02
265609080103402	PB -1649				12-01-92	--	--	12.18
					04-29-93	--	--	14.64
265759080052401	PB - 595		26 57 59 N	080 05 24 W	12-07-92	--	--	1.96
					12-23-92	--	--	1.56
					01-21-93	--	--	1.91
					02-16-93	--	--	3.18
					03-26-93	27000	9500	2.46
					04-29-93	27400	9500	1.59
					05-25-93	27700	9900	1.10
					06-25-93	27800	9800	0.96
					07-27-93	27800	9400	0.79
					08-25-93	27500	9500	1.19
					09-21-93	26600	9500	2.49

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WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
PALM BEACH COUNTY

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St. Lucie County

WATER RESOURCES DATA FOR FLORIDA, 1993
VOLUME 2B: SOUTH FLORIDA

Key to site locations on figure # 13
ST. LUCIE COUNTY

Index Number	Site Number	Well Name	Page Number
1	272608080191001	PG 1	721
2	272907080212301	PG 5	725
3	273306080330503	PG 13N	728
4	273306080330504	PG 13S	729
5	271538080371401	STL 41	705
6	272655080401601	STL 42	722
7	272524080242801	STL 125	719
8	272315080183401	STL 172	715
9	271754080170601	STL 174	708
10	271755080153001	STL 175	710
11	271755080153002	STL 176	711
12	271755080152201	STL 177	709
13	271413080311201	STL 185	704
14	272703080194801	STL 191	723
15	272806080201801	STL 192	724
16	272427080240201	STL 213	717
17	271618080245801	STL 214	707
18	273109080270301	STL 264	727
19	272427080240202	STL 265	718
20	273315080224501	STL 266	730
21	271617080245901	STL 272	706
22	272908080214502	STL 281	726
23	272554080191701	STL 294	720
24	272316080183402	STL 298	716
25	272138080374101	STL 311	712
26	272138080374102	STL 312	713
27	272138080374103	STL 313	714

VOLUME 2B: SOUTH FLORIDA

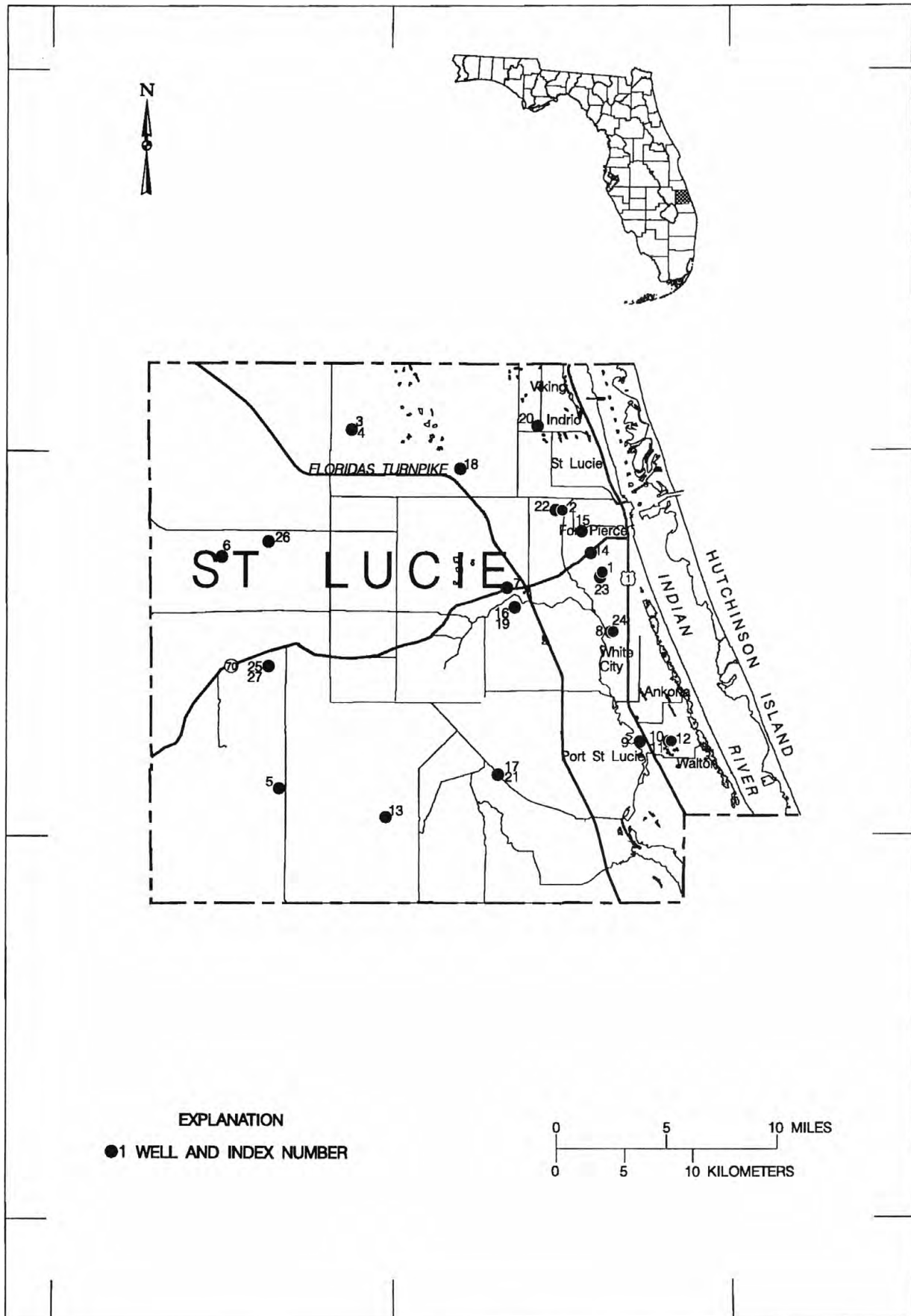


Figure 13: Location of wells in St. Lucie County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ST. LUCIE COUNTY

WELL NUMBER.--271413080311201. Local Number STL 185. USGS Observation Well near Ft. Pierce, FL.

LOCATION.--Lat 27°14'40", long 80°29'55", in SE1/4SE1/4NE1/4 sec.23, T.37 S., R.38 E., Hydrologic Unit 03090202, 1 mi west on Route 609 and 3 mi south of Route 709 in pasture of McCarty Ranch. Ranch entrance is on Route 709, recorder is 4 gates and 5 pastures to the south, 20 ft on west side of south gate.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 115 ft, cased to 113 ft.

INSTRUMENTATION.--Digital water-level recorder.

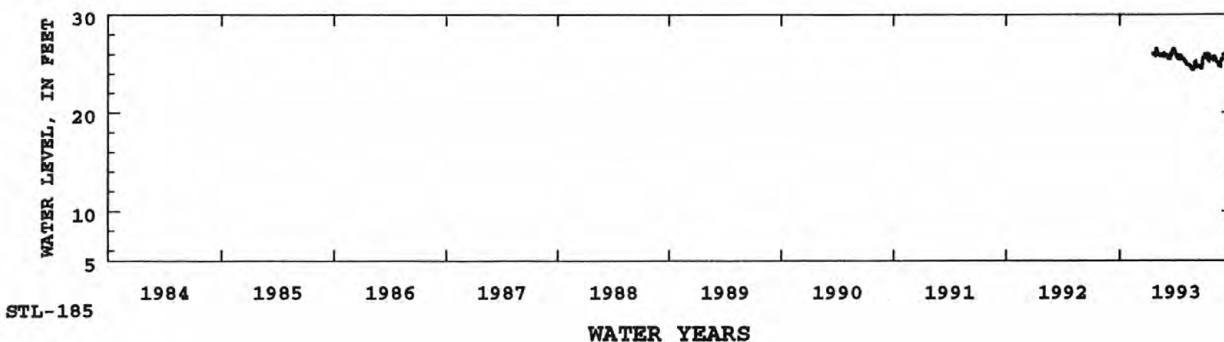
DATUM.--Land-surface datum is 27.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.5 ft above land-surface datum.

PERIOD OF RECORD.--September 1976 to April 1977 (intermittent), May 1988 to October 1988 (semiannual), October 1989 to November 1992 (annual), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 26.53 ft NGVD, Mar. 25, 1993; lowest measured, 23.82 ft NGVD, May 23, 1988.

STATION NUMBER 271413080311201 STL- 185
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	25.82	25.68	25.81	24.89	24.79	25.75	25.47	25.78
10	---	---	---	---	25.73	25.43	25.59	24.90	24.80	25.97	25.17	25.62
15	---	---	---	25.94	25.89	26.08	25.35	24.76	24.67	25.23	24.88	25.76
20	---	---	---	25.92	25.76	26.20	25.43	24.45	24.46	25.46	24.81	25.73
25	---	---	---	26.06	25.85	26.53	25.41	24.38	25.35	25.53	25.36	25.41
EOM	---	---	---	26.14	25.90	25.93	25.18	25.06	25.64	25.71	25.94	25.68
MEAN	---	---	---	---	25.86	25.95	25.52	24.72	24.89	25.62	25.27	25.68
MAX	---	---	---	---	26.08	26.53	25.85	25.18	25.66	25.98	25.94	25.95
MIN	---	---	---	---	25.69	25.43	25.18	24.38	24.46	25.23	24.77	25.41



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

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WELL NUMBER.--271538080371401. Local Number STL 41. USGS Observation Well near Stuart, Fl.

LOCATION.--Lat 27°15'38", long 80°37'06", in NW1/4NE1/4 sec.15, T.37 S., R.37 E., Hydrologic Unit 03090202, 0.2 mi east of Blue Field Road, 4.4 mi south of State Road 70, and approximately 25 miles west of U.S. 1 in Ft. Pierce.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 6 in., depth 17 ft, cased to 13 ft, gravel-packed 12-17 ft.

INSTRUMENTATION.--Digital water-level recorder.

DATUM.--Land-surface datum is 28.49 ft above National Geodetic Vertical Datum of 1929. Prior to October 1991, land-surface datum was considered to be 28.71 ft NGVD. Measuring point: Top of base, 2.78 ft above land-surface datum. (Corrected). See PERIOD OF RECORD.

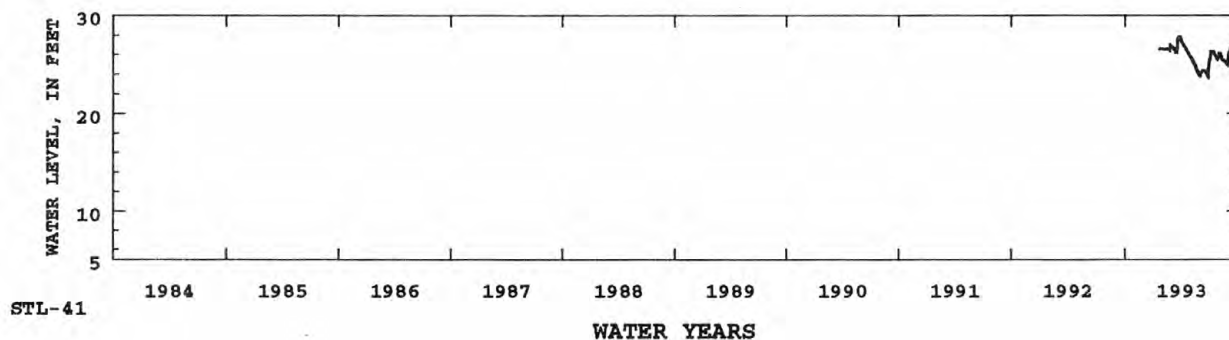
REMARKS.--Data prior to November 1990 is not adjusted to present datum.

PERIOD OF RECORD.--January 1950 to April 1979, May 1979 to December 1993 (monthly), January 1993 to current year. Records of water levels prior to October 1950 are available in files of the Geological Survey. The figures of water levels, as elevation in feet NGVD, prior to October 1991 are in error. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.97 ft NGVD (present datum), Oct. 22, 1990; lowest measured, 21.89 ft NGVD, May 29, 1992.

STATION NUMBER 271538080371401 STL- 41
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	26.67	---	25.48	24.22	26.37	25.90	26.45
10	---	---	---	---	---	26.50	---	25.16	24.41	26.39	25.46	26.59
15	---	---	---	---	26.56	26.40	---	24.81	24.33	26.14	25.39	26.59
20	---	---	---	26.67	26.53	27.59	---	24.43	24.12	25.86	25.25	26.51
25	---	---	---	---	26.89	27.83	---	24.09	23.79	25.67	25.04	26.14
EOM	---	---	---	---	26.81	27.39	---	24.00	25.48	26.18	26.22	26.43
MEAN	---	---	---	---	---	27.07	---	24.73	24.36	25.98	25.53	26.42
MAX	---	---	---	---	---	27.83	---	25.73	25.48	26.39	26.22	26.76
MIN	---	---	---	---	---	26.35	---	23.77	23.79	25.49	24.96	25.99



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ST. LUCIE COUNTY

WELL NUMBER.--271617080245901. Local Number STL 272. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°16'17", long 80°24'59", in NW1/4NW1/4SW1/4 sec.11, T.37 S., R.39 E., Hydrologic Unit 03090202, in meter box 24 ft south of centerline of Savage Road and 153 ft east of centerline of Brescia Road, west of Port St. Lucie Boulevard.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 23 ft, cased to 23 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.01 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.35 ft below land-surface datum.

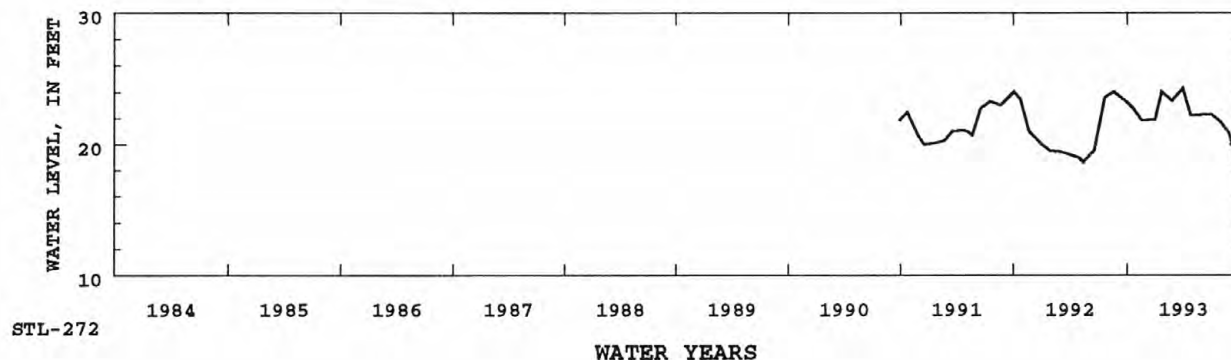
PERIOD OF RECORD.--September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 24.26 ft NGVD, Mar. 29, 1993; lowest measured, 18.52 ft NGVD, Sept. 22, 1993.

271617080245901 - STL- 272

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
20...	1550	22.76	23...	1130	22.25
NOV			JUN		
16...	1800	21.86	28...	1120	22.26
DEC			JUL		
30...	1025	21.92	30...	1145	21.68
JAN			AUG		
20...	1030	24.01	25...	0815	20.81
FEB			SEP		
23...	1000	23.34	22...	0800	18.52
MAR					
29...	1740	24.26			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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ST. LUCIE COUNTY

WELL NUMBER.--271618080245801. Local Number STL 214. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°16'18", long 80°24'58", in SW1/4SW1/4NW1/4 sec.11, T.37 S., R.39 E., Hydrologic Unit 03090202, approximately 20 ft south of centerline of Savage Road and 153 ft east of centerline of Brescia Road, approximately 2.5 mi west of Port St. Lucie Boulevard.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 134 ft, cased to 70 ft.

INSTRUMENTATION.--Digital water-level recorder.

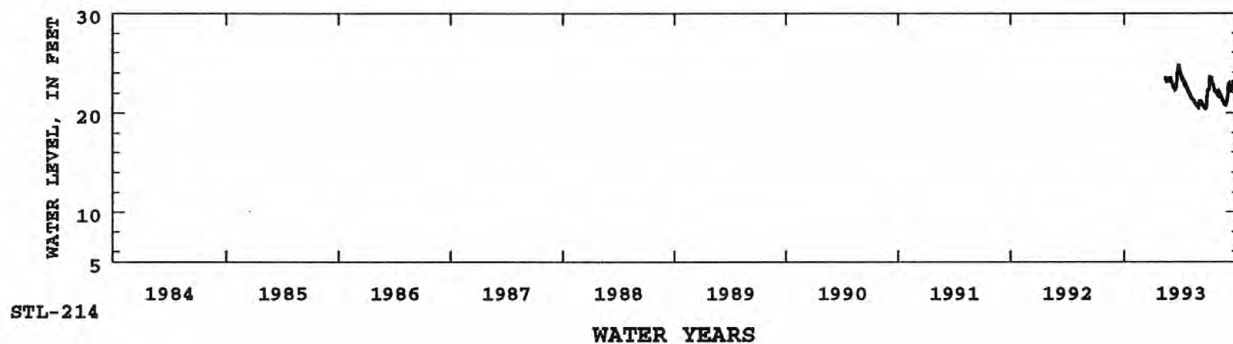
DATUM.--Land-surface datum is 26.40 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.00 ft above land-surface datum.

PERIOD OF RECORD.--May 1988 to October 1989 (semiannual), September 1990 to January 1993 (monthly), February 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 24.75 ft NGVD, Mar. 25, 1993; lowest measured, 18.98 ft NGVD, Apr. 29, 1992.

STATION NUMBER 271618080245801 STL- 214
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	22.86	23.71	21.49	21.07	23.58	21.96	22.86
10	---	---	---	---	23.30	22.50	23.19	21.33	20.81	23.34	21.54	22.34
15	---	---	---	---	23.22	22.31	22.62	21.08	20.57	22.75	21.19	22.67
20	---	---	---	---	23.24	23.50	22.60	20.89	20.48	22.22	20.91	22.69
25	---	---	---	---	23.37	24.75	22.14	20.61	21.97	22.08	20.90	22.20
EOM	---	---	---	---	23.31	23.98	21.85	21.16	22.28	21.97	22.41	22.86
MEAN	---	---	---	---	---	23.33	22.82	21.09	21.08	22.67	21.38	22.57
MAX	---	---	---	---	---	24.75	23.86	21.77	22.28	23.67	22.41	22.97
MIN	---	---	---	---	---	22.31	21.85	20.52	20.44	21.69	20.80	21.98



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ST. LUCIE COUNTY

WELL NUMBER.--271754080170601. Local Number STL 174. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°17'54", long 80°17'06", in SE1/4NE1/4SE1/4 sec.36, T.36 S., R.40 E., Hydrologic Unit 03090202, on southwest corner of Walton Road and Lennard Road approximately 4 ft south of edge of Walton Road approximately 1 mi east of U.S. 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 30 ft, cased to 26 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.1 ft above land-surface datum.

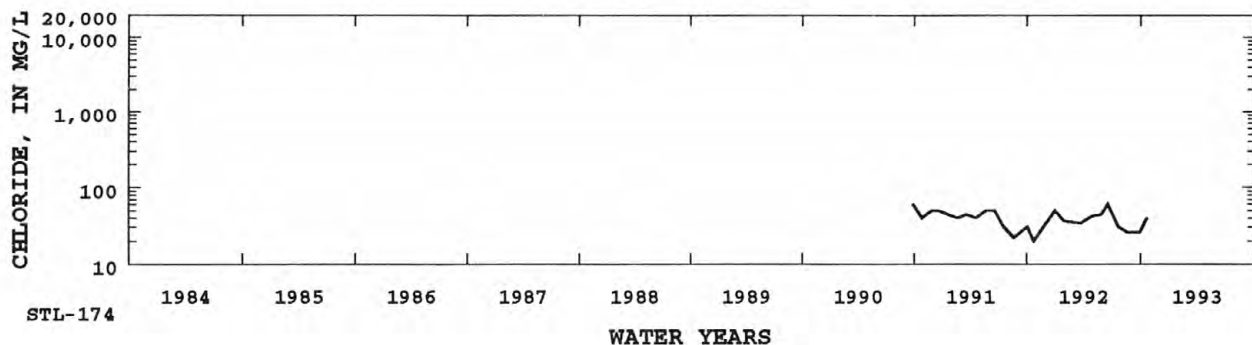
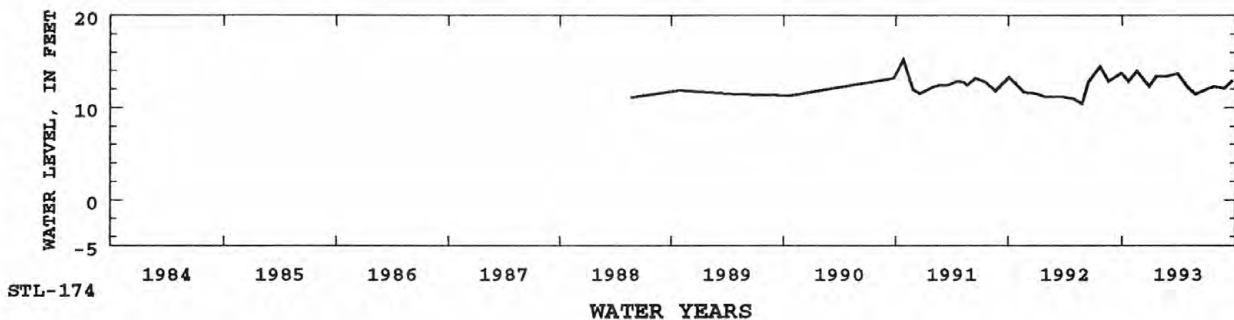
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--February 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.18 ft NGVD, Oct. 26, 1990; lowest measured, 10.40 ft NGVD, May 27, 1992.

271754080170601 - STL- 174

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	AS	NGVD			DUCT-	AS	NGVD
(US/CM)	(MG/L)	(US/CM)	(MG/L)	(FEET)	(US/CM)	(MG/L)	(US/CM)	(MG/L)	(FEET)
OCT					MAY				
22...	1430	232	40	12.82	03...	1300	--	--	12.08
NOV					26...	1000	--	--	11.43
19...	1515	--	--	13.98	JUN				
DEC					23...	0955	--	--	11.84
28...	1540	--	--	12.30	JUL				
JAN					26...	0835	--	--	12.31
19...	1205	--	--	13.42	AUG				
FEB					25...	0900	--	--	12.10
19...	1245	--	--	13.41	SEP				
MAR					22...	0835	--	--	12.93
30...	1230	--	--	13.70					



ST. LUCIE COUNTY

WELL NUMBER.--271755080152201. Local Number STL 177. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°17'55", long 80°15'22", in SE1/4NW1/4SE1/4 sec.32, T.36 S., R.41 E., Hydrologic Unit 03090202, 10 ft north of center line of Walton Road, 250 ft east of Florida East Coast railroad tracks.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 202 ft, cased to 145 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 38.27 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.10 ft above land-surface datum.

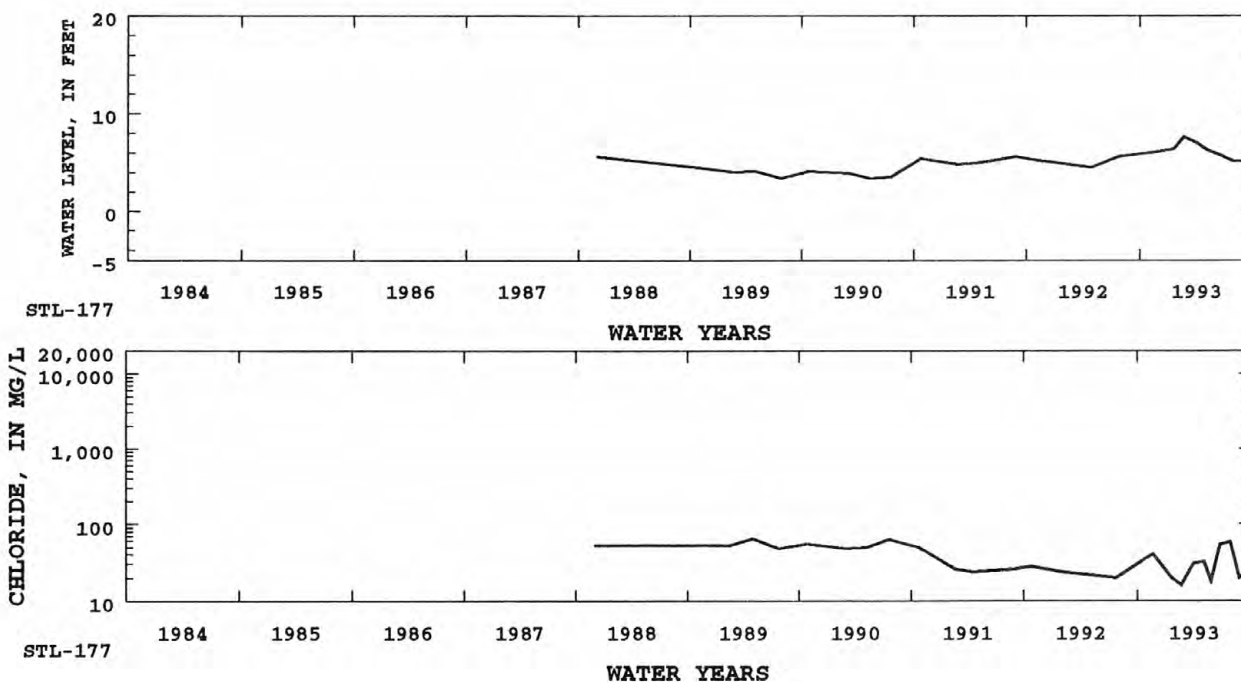
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--December 1987 to November 1992 (intermittent), December 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.62 ft NGVD, Feb. 19, 1993; lowest measured, 3.38 ft NGVD, May 11, 1990.

271755080152201 - STL- 177

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	CON-	DUCT-	SOLVED	ABOVE	ANCE	CON-	DUCT-	SOLVED	ABOVE
(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD	(US/CM)	(MG/L	(US/CM)	(MG/L	NGVD
AS CL)	AS CL)	AS CL)	AS CL)	(FEET)	AS CL)	AS CL)	AS CL)	AS CL)	(FEET)
NOV					JUN				
19...	1530	486	40	6.08	22...	1415	671	54	5.69
JAN					JUL				
19...	1120	436	20	6.37	26...	0900	316	58	5.18
FEB					AUG				
19...	1415	273	16	7.62	25...	0925	159	20	5.18
MAR					SEP				
30...	1120	328	30	7.03	22...	0845	163	24	5.22
MAY									
03...	1220	168	32	6.30					
26...	1035	116	18	--					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ST. LUCIE COUNTY

WELL NUMBER.--271755080153001. Local Number STL 175. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°17'55", long 80°15'30", in NW1/4NW1/4SE1/4 sec.32, T.36 S., R.41 E., Hydrologic Unit 03090202, 4 ft from north edge of Walton Road and 0.5 mi west of Indian River Drive and State Road 707 approximately 15 ft south of STL-176.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 200 ft, cased to 68 ft.

INSTRUMENTATION.--Digital water-level recorder.

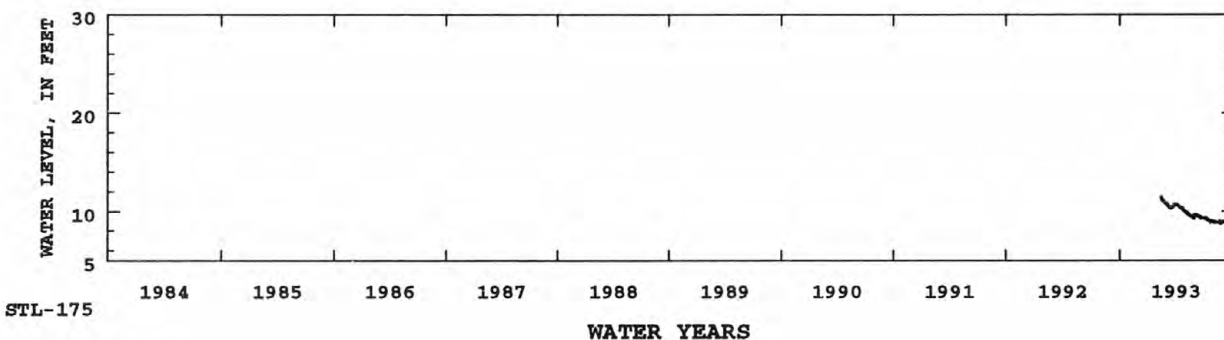
DATUM.--Land-surface datum is 18.66 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.00 ft above land-surface datum.

PERIOD OF RECORD.--February 1975 to January 1979 (daily), May 1988 to January 1993 (intermittent), February 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 11.54 ft NGVD, Feb. 11-12, 1993; lowest, 6.01 ft NGVD, July 28, 1977.

STATION NUMBER 271755080153001 STL- 175
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	10.61	10.66	9.78	9.59	9.25	8.87	8.87
10	---	---	---	---	---	10.45	---	9.69	9.48	9.15	8.86	8.88
15	---	---	---	---	11.11	10.27	10.37	9.57	9.40	9.06	8.80	8.95
20	---	---	---	---	11.00	10.40	10.28	9.49	9.29	8.99	8.80	8.93
25	---	---	---	---	10.87	10.59	10.07	---	9.28	8.99	8.83	8.86
EOM	---	---	---	---	10.80	10.68	9.94	9.63	9.34	8.93	8.92	8.88
MEAN	---	---	---	---	---	10.52	---	---	9.42	9.07	8.85	8.89
MAX	---	---	---	---	---	10.76	---	---	9.66	9.33	8.94	8.96
MIN	---	---	---	---	---	10.27	---	---	9.26	8.88	8.77	8.82



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ST. LUCIE COUNTY

711

WELL NUMBER.--271755080153002. Local Number STL 176. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°17'55", long 80°15'30", in NW1/4NW1/4SE1/4 sec.32, T.36 S., R.41 E., Hydrologic Unit 03090202, 4 ft from north edge of Walton Road and 0.5 mi west of Indian River Drive and State Road 707 approximately 15 ft north of STL-175.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 30 ft, cased to 20 ft.

INSTRUMENTATION.--Digital water-level recorder.

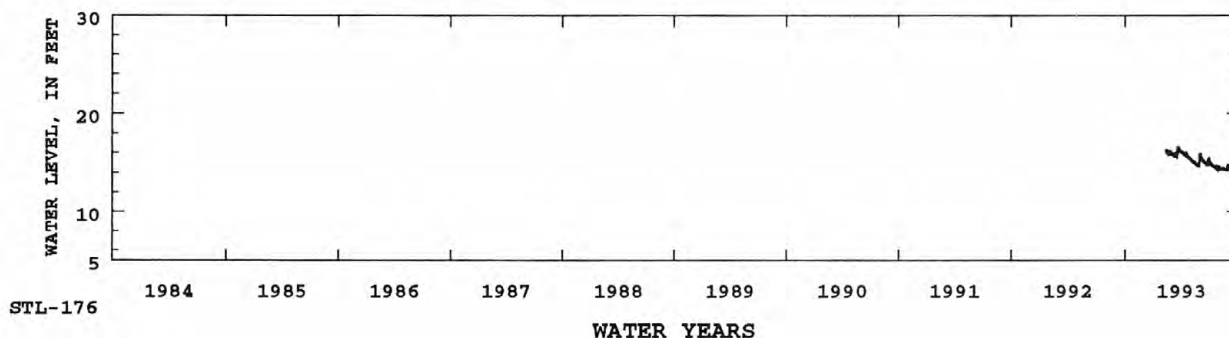
DATUM.--Land-surface datum is 18.80 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 3.40 ft above land-surface datum.

PERIOD OF RECORD.--February 1974 to January 1979 (daily), May 1988 to November 1992 (semiannual), February 1992 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 16.53 ft NGVD, Mar. 22, 1993; lowest, 10.58 ft NGVD, Sept. 1, 1977.

STATION NUMBER 271755080153002 STL- 176
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	15.80	16.02	15.21	15.39	14.86	14.41	14.49
10	---	---	---	---	---	15.69	15.87	15.06	15.20	14.70	14.45	14.51
15	---	---	---	---	16.02	15.69	15.70	14.95	15.01	14.61	14.37	14.50
20	---	---	---	---	15.95	15.92	15.67	14.83	14.85	14.48	14.29	14.55
25	---	---	---	---	16.06	16.27	15.51	14.73	14.76	14.56	14.30	14.36
EOM	---	---	---	---	15.94	16.10	15.37	15.86	15.10	14.42	14.72	14.30
MEAN	---	---	---	---	---	15.96	15.75	15.01	15.12	14.64	14.41	14.50
MAX	---	---	---	---	---	16.53	16.09	15.86	15.82	15.03	14.77	14.67
MIN	---	---	---	---	---	15.62	15.37	14.66	14.76	14.37	14.25	14.30



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ST. LUCIE COUNTY

WELL NUMBER.--272138080374101. Local Number STL 311. USGS Observation Well near Ft. Pierce, FL.

LOCATION.--Lat 27°21'36", long 80°37'41", in NW1/4NW1/4NW1/4 sec.10, T.36 S., R.37 E., Hydrologic Unit 03090202, approximately 300 ft north of State Road 70, approximately 150 ft west of Old Bessimer Road that is entrance to V-2 Ranch, northwest of microwave tower. STL 311 is the most southern and western of six taped down wells and a recorder.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 80 ft, cased to 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.04 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, .1 ft above land-surface datum.

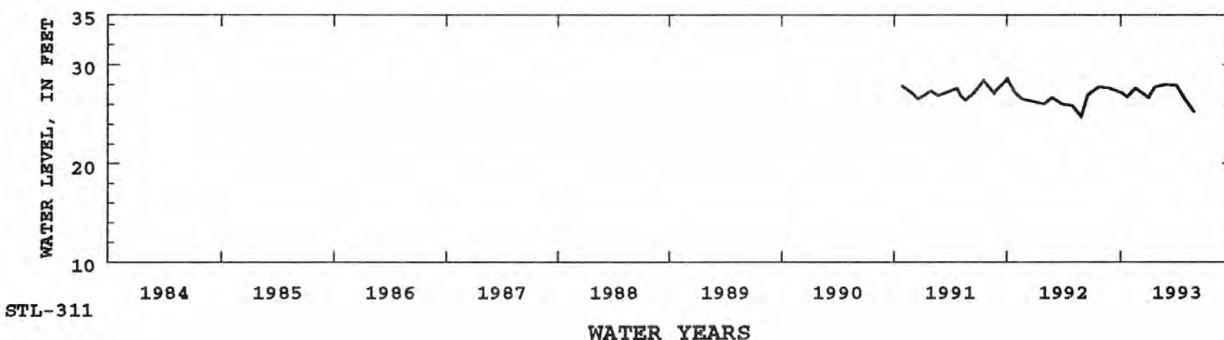
PERIOD OF RECORD.--September 1990 to May 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.58 ft NGVD, Oct. 4, 1991; lowest measured, 24.78 ft NGVD, May 29, 1992.

272138080374101 - STL- 311

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			FEB		
06...	1545	27.14	23...	1640	27.98
23...	1435	26.74	MAR		
NOV			29...	1240	27.97
20...	1445	27.59	APR		
DEC			30...	1430	26.39
30...	1400	26.72	MAY		
JAN			27...	1245	25.19
20...	1240	27.75			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

713

WELL NUMBER.--272138080374102. Local Number STL 312. USGS Observation Well near Ft. Pierce, FL.

LOCATION.--Lat 27°21'38", long 80°37'41", in NW1/4NW1/4SW1/4 sec.10, T.36 S., R.37 E., Hydrologic Unit 03090202, approximately 300 ft north of State Road 70, approximately 150 ft west of Old Bessimer Road that is the entrance to V-2 Ranch, northwest of microwave tower. STL 312 is the most southern and eastern of six tape down wells and a recorder.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 40 ft, cased to 20 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.31 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.1 ft above land-surface datum.

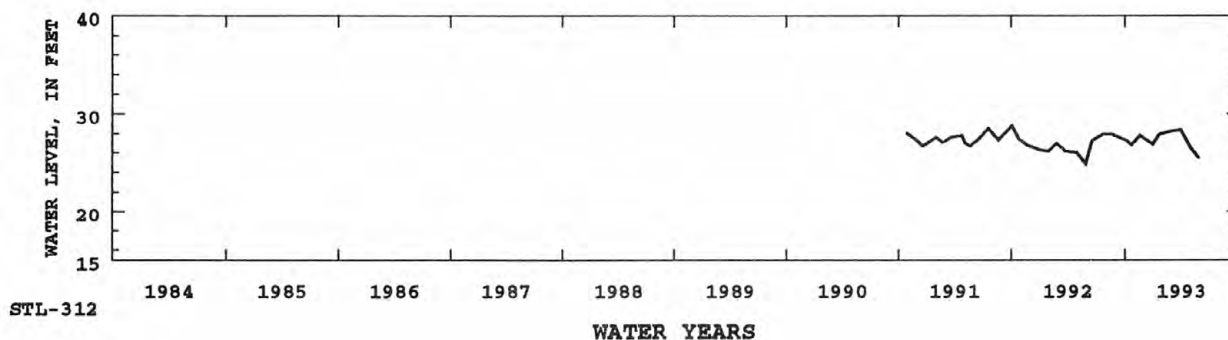
PERIOD OF RECORD.--October 1990 to May 1993.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.74 ft NGVD, Oct. 4, 1991; lowest measured, 24.86 ft NGVD, May 29, 1992.

272138080374102 - STL- 312

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			FEB		
06...	1530	27.27	23...	1645	28.18
23...	1440	26.84	MAR		
NOV			29...	1245	28.36
20...	1440	27.76	APR		
DEC			30...	1425	26.52
30...	1410	26.86	MAY		
JAN			27...	1245	25.46
20...	1245	27.89			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ST. LUCIE COUNTY

WELL NUMBER.--272138080374103. Local Number STL 313. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°21'38", long 80°37'41", in SE1/4NW1/4NE1/4 sec.10, T.36 S., R.37 E., Hydrologic Unit 03090202, approximately 400 ft north of State Road 70 and 150 ft west of Old Bessimer Road that is entrance to V-2 Ranch, northwest of microwave tower.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 122 ft, cased to 30 ft.

INSTRUMENTATION.--Digital water-level recorder.

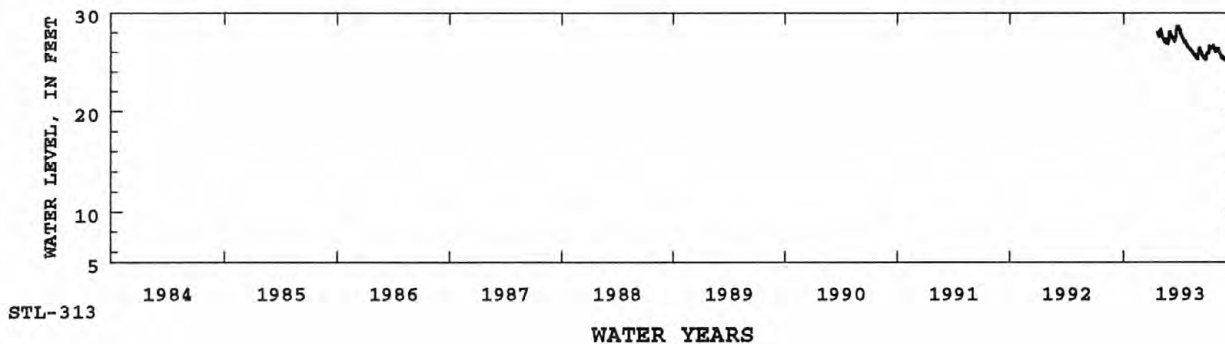
DATUM.--Land-surface datum is 29.00 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.69 ft above land-surface datum.

PERIOD OF RECORD.--January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 28.64 ft NGVD, Mar. 26, 1993; lowest, 25.11 ft NGVD, Aug. 26, 1993.

STATION NUMBER 272138080374103 STL- 313
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	27.28	27.55	27.83	26.15	26.08	26.62	25.91	26.09
10	---	---	---	---	27.01	27.20	27.27	25.94	25.65	26.39	25.54	25.77
15	---	---	---	---	26.93	27.42	26.88	25.68	25.45	26.73	25.36	26.03
20	---	---	---	27.82	27.07	28.45	26.83	25.64	25.26	26.17	25.21	25.80
25	---	---	---	27.82	27.90	28.63	26.53	25.32	25.88	26.35	25.15	25.48
EOM	---	---	---	27.92	27.94	28.08	26.37	26.44	25.87	26.39	26.14	25.88
MEAN	---	---	---	---	27.39	27.91	27.09	25.81	25.72	26.37	25.52	25.89
MAX	---	---	---	---	28.06	28.64	28.10	26.44	26.47	26.73	26.38	26.21
MIN	---	---	---	---	26.83	27.14	26.37	25.24	25.21	25.85	25.11	25.48



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

715

WELL NUMBER.--272315080183401. Local Number STL 172. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°23'15", long 80°18'34", in NW1/4NW1/4SE1/4 sec.35, T.35 S., R.40 E., Hydrologic Unit 03090202, empty recorder shelter in Savannah Recreation Area, 15 ft east of STL 298 and approximately 200 ft east of entrance booth, approximately 1/2 mi north of Midway Road (State Road 712) on Gun Club Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 30 ft, cased to 26 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.58 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.8 ft above land-surface datum.

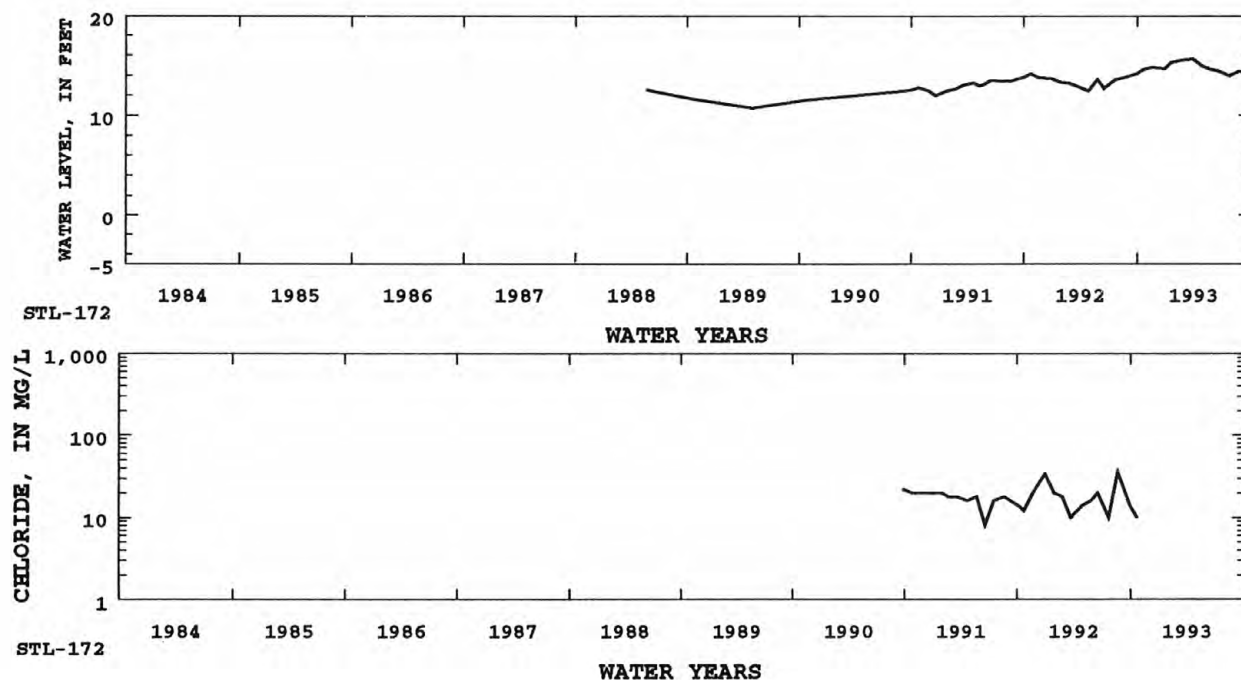
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--February 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.60 ft NGVD, Mar. 30, 1993; lowest measured, 10.74 ft NGVD, May 2, 1989.

272315080183401 - STL- 172

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAY				
22...	1550	205	10	14.57	03...	1145	--	--	14.82
NOV					26...	1110	--	--	14.54
19...	1425	--	--	14.78	JUN				
DEC					22...	1400	--	--	14.35
29...	1045	--	--	14.64	JUL				
JAN					26...	0928	--	--	13.90
19...	1230	--	--	15.30	AUG				
FEB					25...	0951	--	--	14.35
19...	1445	--	--	15.49	SEP				
MAR					22...	0925	--	--	14.21
30...	1245	--	--	15.60					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ST. LUCIE COUNTY

WELL NUMBER.--272316080183402. Local Number STL 298. USGS Observation Well near Port St. Lucie, FL.

LOCATION.--Lat 27°23'31", long 80°18'34", in center sec.35, T.35 S., R.40 E., Hydrologic Unit 03090202, in Savannah Recreation Area, 15 ft west of STL 172, approximately 200 ft east of entrance booth, approximately 1/2 mi north of Midway Road (State Road 712) on Gun Club Road.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 130 ft, cased to 100 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 16.82 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.20 ft above land-surface datum.

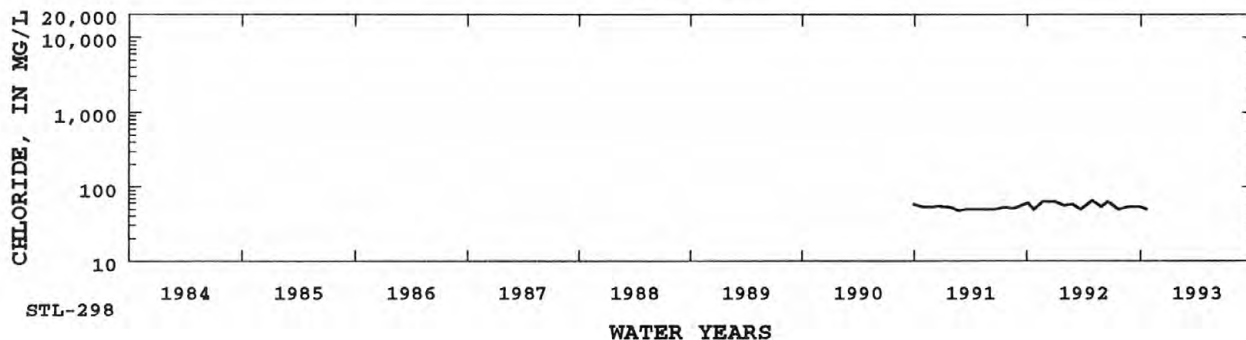
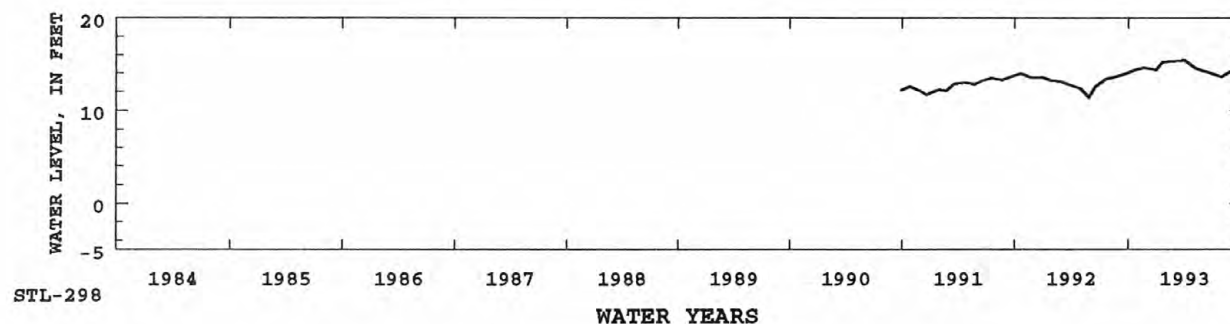
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.44 ft NGVD, Mar. 30, 1993; lowest measured, 11.37 ft NGVD, May 27, 1992.

272316080183402 - STL- 298

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
OCT					MAY				
22...	1540	529	50	14.37	03...	1150	--	--	14.57
NOV					23...	1110	--	--	14.29
19...	1420	--	--	14.57	JUN				
DEC					22...	1405	--	--	14.04
29...	1040	--	--	14.40	JUL				
JAN					26...	0928	--	--	13.61
19...	1235	--	--	15.22	AUG				
FEB					25...	0955	--	--	14.16
19...	1455	--	--	15.31	SEP				
MAR					22...	0925	--	--	14.02
30...	1250	--	--	15.44					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

717

WELL NUMBER.--272427080240201. Local Number STL 213. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°24'27", long 80°24'02", in SE1/4NE1/4NE1/4 sec.26, T.35 S., R.39 E., Hydrologic Unit 03090202, 15 ft east of Gordy Road, 1 mi south of State Road 70. Corner of Gordy Road and State Road 70 is one block west of Florida Turnpike.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 134 ft, cased to 70 ft.

INSTRUMENTATION.--Digital water-level recorder.

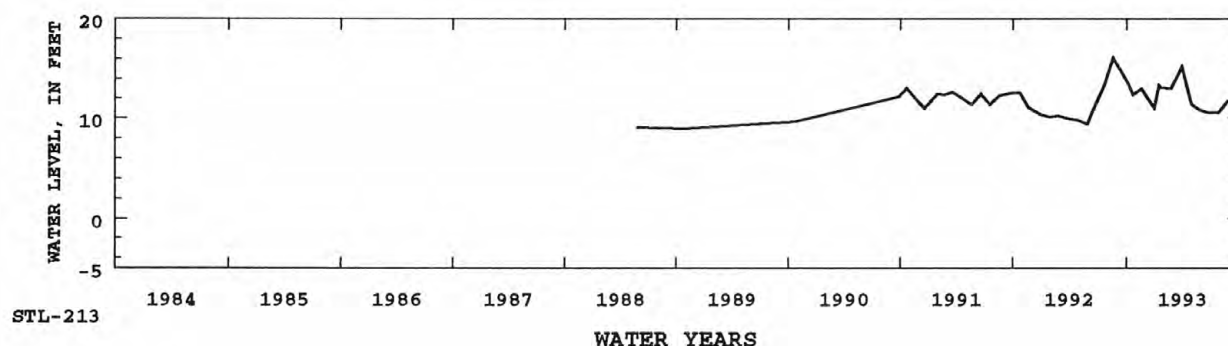
DATUM.--Land-surface datum is 17.79 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.57 ft above land-surface datum.

PERIOD OF RECORD.--May 1988 to October 1989 (semiannual), September 1990 to December 1992 (monthly), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.03 ft NGVD, Aug. 20, 1992; lowest measured, 8.91 ft NGVD, Oct. 27, 1988.

STATION NUMBER 272427080240201 STL- 213
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	13.39	12.75	13.00	11.33	11.09	11.14	11.71	---
10	---	---	---	---	13.08	12.48	12.74	11.61	11.22	10.85	11.20	---
15	---	---	---	13.13	12.90	12.47	12.33	11.31	10.88	10.52	10.92	---
20	---	---	---	13.09	12.84	13.24	12.18	11.10	10.59	10.43	12.17	---
25	---	---	---	13.34	13.04	14.30	11.86	10.90	10.84	10.53	11.83	---
EOM	---	---	---	13.97	13.06	13.33	11.62	11.07	10.74	11.19	---	---
MEAN	---	---	---	---	13.12	13.22	12.40	11.22	10.92	10.68	---	---
MAX	---	---	---	---	13.86	14.46	13.21	11.61	11.36	11.19	---	---
MIN	---	---	---	---	12.74	12.35	11.62	10.74	10.50	10.33	---	---



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ST. LUCIE COUNTY

WELL NUMBER.--272427080240202. Local Number STL 265. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°24'27", long 80°24'02", in SE1/4NE1/4NE1/4 sec.26, T.35 S., R.39 E., Hydrologic Unit 03090202, 15 ft east of Gordy Road, approximately 20 ft south of STL 213, 1 mi south of State Road 70. Corner of State Road 70 and Gordy Road is one block west of Florida Turnpike.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 30 ft, cased to 30 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 18.17 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.68 ft above land-surface datum.

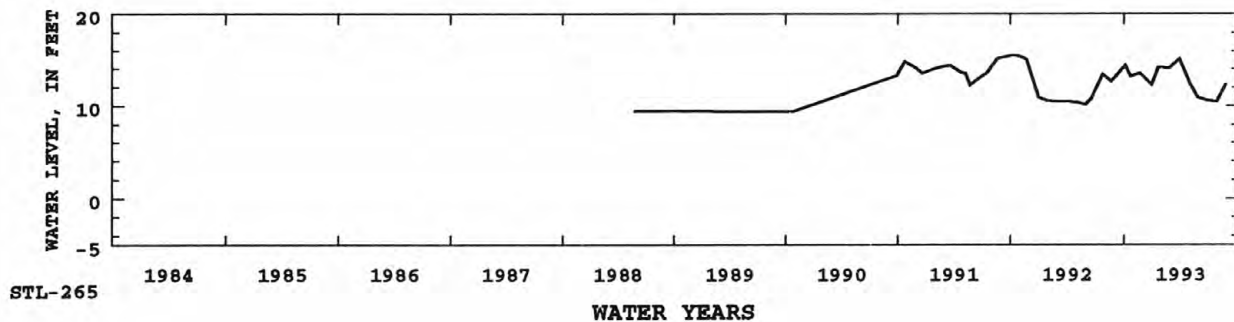
PERIOD OF RECORD.--May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 15.51 ft NGVD, Oct. 24, 1991; lowest measured, 9.38 ft NGVD, Oct. 24, 1989.

272427080240202 - STL- 265

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
06...	1350	14.37	30...	1610	12.45
23...	1240	13.21	MAY		
NOV			26...	1518	10.93
19...	1345	13.52	JUN		
DEC			28...	1145	10.57
30...	1055	12.29	JUL		
JAN			26...	1255	10.50
20...	1105	14.19	AUG		
FEB			25...	1422	12.32
23...	1100	14.13			
MAR					
29...	1700	15.05			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

719

ST. LUCIE COUNTY

WELL NUMBER.--272524080242801. Local Number STL 125. USGS Observation Well near Fort Pierce, FL.

LOCATION.--Lat 27°25'24", long 80°24'28", in NW1/4NE1/4 sec.233, T.35 S., R.39 E., Hydrologic Unit 03090202, on Rock Road, 0.14 mi south of White Road, 0.53 mi west of Kings Highway, and 5.0 mi south of Fort Pierce.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in., depth 11.77 ft, cased to 11.77 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 20.21 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.95 ft above land-surface datum. Prior to October 1991, land-surface datum was considered to be 19.60 ft NGVD. See PERIOD OF RECORD.

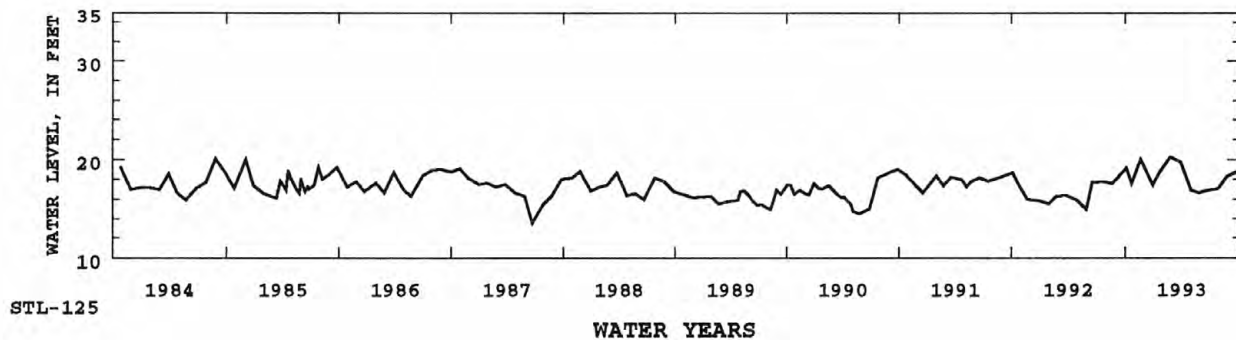
PERIOD OF RECORD.--January 1967 to current year. Records of water levels prior to October 1973 are available in files of the Geological Survey. The figures of water levels, as elevation in feet NGVD, prior to October 1991 are in error. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.71 ft NGVD (present datum), Aug. 27, 1984; lowest measured, 14.19 ft NGVD (present datum), June 24, 1987.

272524080242801 - STL- 125

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
06...	1330	19.11	30...	1600	16.90
23...	1245	17.58	MAY		
NOV			26...	1552	16.67
19...	1340	19.97	JUN		
DEC			28...	1330	16.90
30...	1100	17.41	JUL		
JAN			26...	1240	17.05
20...	1130	18.71	AUG		
FEB			25...	1404	18.30
23...	1115	20.24	SEP		
MAR			22...	1345	18.73
29...	1650	19.73			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ST. LUCIE COUNTY

WELL NUMBER.--272554080191701. Local Number STL 294. USGS Observation Well near Ft. Pierce, FL.

LOCATION.--Lat 27°25'54", long 80°19'17", in NW1/4NE1/4SE1/4 sec.15, T.35 S., R.40 E., Hydrologic Unit 03090202, at Indian Hills Golf Club, on the green 90 ft east of PG 1, 317 ft west of FEC railroad, 0.6 mi south of corner of Georgia Avenue and gravel service road that runs parallel to FEC tracks.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 153 ft, cased to 153 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 27.74 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.5 ft above land-surface datum.

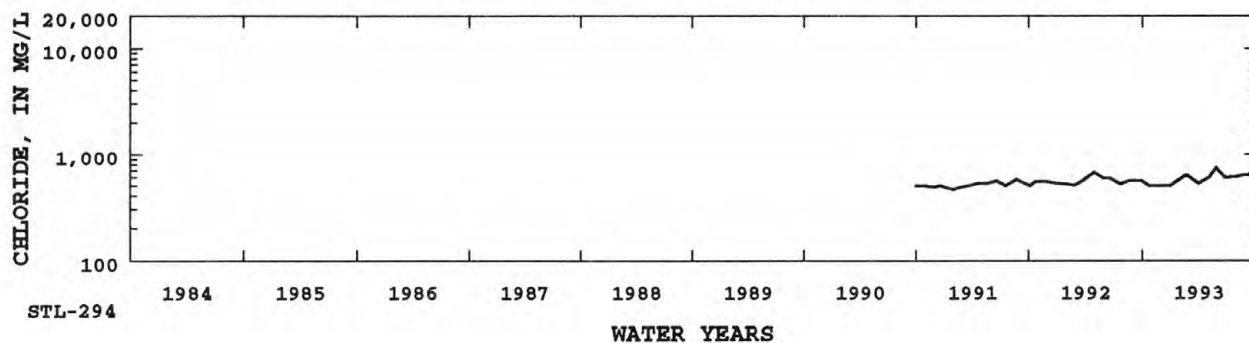
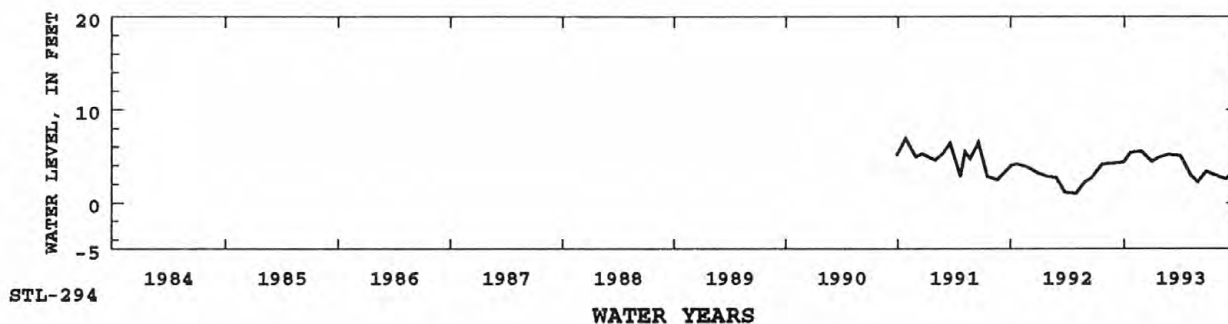
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 6.85 ft NGVD, Oct. 26, 1990; lowest measured, 1.02 ft NGVD, Apr. 28, 1992.

272554080191701 - STL- 294

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		ANCE	SOLVED	NGVD			ANCE	SOLVED	NGVD
(US/CM)		(MG/L	AS CL)	(FEET)	(US/CM)		(MG/L	AS CL)	(FEET)
OCT					MAY				
22...	1620	2470	500	5.39	03...	1130	2800	600	2.99
NOV					26...	1135	2850	740	2.26
24...	1300	2480	500	5.54	JUN				
DEC					22...	1340	2880	600	3.36
28...	1615	2440	500	4.40	JUL				
JAN					26...	0945	2730	610	2.90
19...	1300	2360	550	4.84	AUG				
FEB					25...	1100	2860	630	2.53
19...	1525	2420	630	5.16	SEP				
MAR					22...	1040	2870	640	3.66
30...	1320	2420	530	5.04					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

721

WELL NUMBER.--272608080191001. Local Number PG 1. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°26'08", long 80°19'10", in NW1/4NE1/4SE1/4 sec.15, T.35 S., R.40 E., Hydrologic Unit 03090202, at Indian Hills Golf Club on the green 90 ft west of STL 294, 407 ft west of FEC railroad, 0.6 mi south of corner of Georgia Avenue and gravel service road that runs parallel to FEC tracks.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 40 ft, cased to 36.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 29.83 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.55 ft above land-surface datum.

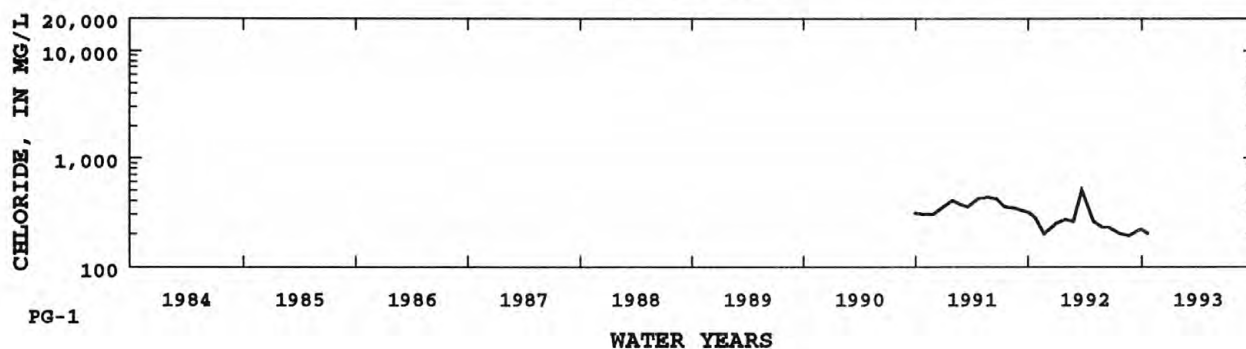
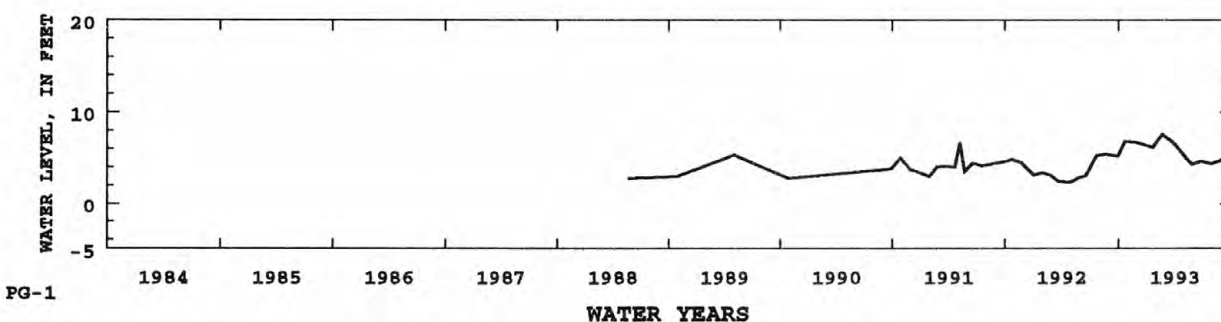
REMARKS.--Well also used for salinity monitoring.

PERIOD OF RECORD.--May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 7.58 ft NGVD, Feb. 19, 1993; lowest measured, 2.35 ft NGVD, Apr. 28, 1992.

272608080191001 - PG - 1

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
ANCE	SOLVED	CON-	DIS-	ABOVE	ANCE	SOLVED	CON-	DIS-	ABOVE
		DUCT-	AS	NGVD			DUCT-	AS	NGVD
(US/CM)	(MG/L)	(US/CM)	(MG/L)	(FEET)	(US/CM)	(MG/L)	(US/CM)	(MG/L)	(FEET)
OCT					MAY				
22...	1630	1230	200	6.79	03...	1130	--	--	5.14
NOV					26...	1145	--	--	4.29
24...	1310	--	--	6.73	JUN				
DEC					22...	1330	--	--	4.65
28...	1630	--	--	6.38	JUL				
JAN					26...	0955	--	--	4.38
19...	1310	--	--	6.18	AUG				
FEB					25...	0930	--	--	4.70
19...	1535	--	--	7.58	SEP				
MAR					22...	1040	--	--	5.38
30...	1330	--	--	6.53					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ST. LUCIE COUNTY

WELL NUMBER.--272655080401601. Local Number STL 42. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°26'55", long 80°40'16", in SE1/4NW1/4 sec.7, T.35 S., R.37 E., Hydrologic Unit 03090202, 85 ft north of State Road 15, and 20.0 mi west of Fort Pierce.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 6 in., depth 18 ft, cased to 13 ft, gravel-packed 12-18 ft.

INSTRUMENTATION.--Digital water-level recorder.

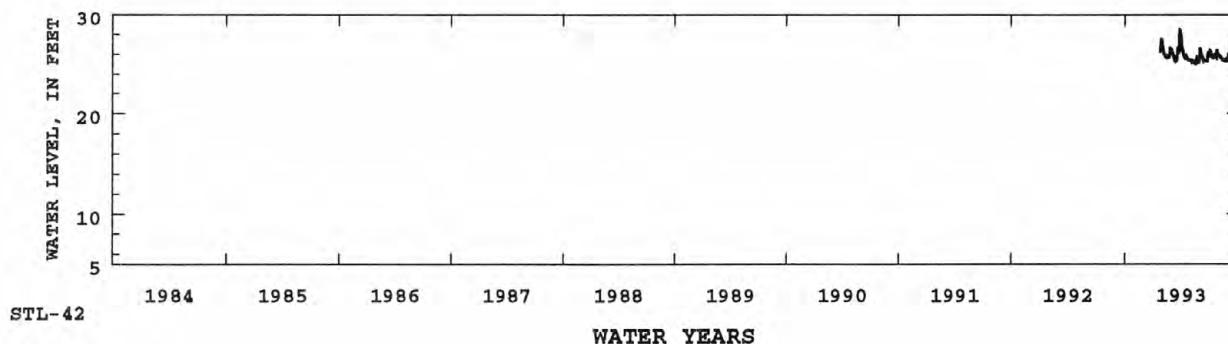
DATUM.--Land-surface datum is 27.87 ft above National Geodetic Vertical Datum of 1929. Prior to October 1991, land-surface datum was considered to be 27.79 ft NGVD. Measuring point: Top of base, 2.84 ft (corrected) above land-surface datum. See PERIOD OF RECORD.

PERIOD OF RECORD.--January 1950 to April 1979, May 1979 to December 1993 (monthly), January 1993 to current year. Records of water levels prior to October 1950 are available in files of the Geological Survey. The figures of water levels as elevation in feet NGVD, prior to October 1991 are in error. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 30.27 ft NGVD (present datum), Oct. 16, 1956; lowest measured, 22.70 ft NGVD, (present datum), May 22, 1986.

STATION NUMBER 272655080401601 STL- 42
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	25.96	25.90	26.48	25.22	25.91	25.85	25.65	26.38
10	---	---	---	---	25.76	25.41	25.67	25.19	25.41	25.61	25.51	25.91
15	---	---	---	---	25.60	25.44	25.51	25.01	25.39	25.98	25.46	27.03
20	---	---	---	---	25.57	26.72	25.54	25.59	25.26	25.67	25.22	26.19
25	---	---	---	27.51	26.33	27.58	25.41	25.16	25.96	26.16	25.35	25.56
BOM	---	---	---	26.73	26.59	27.65	25.33	26.45	25.84	25.82	25.81	25.73
MEAN	---	---	---	---	25.98	26.37	25.78	25.34	25.62	25.85	25.53	26.21
MAX	---	---	---	---	26.71	28.34	27.34	26.62	26.19	26.36	26.11	27.28
MIN	---	---	---	---	25.57	25.12	25.33	25.00	25.23	25.54	25.22	25.56



ST. LUCIE COUNTY

WELL NUMBER.--272703080194801. Local Number STL 191. USGS Observation Well near Ft. Pierce, FL.

LOCATION.--Lat 27°27'03", long 80°19'45", in SE1/4NW1/4NW1/4 sec.10, T.35 S., R.40 E., Hydrologic Unit 03090202, in grass 15 ft north beyond the end of Brown Street, 1/4 mi west of U.S. 1 and one block west of 7th Street.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 133 ft, cased to 90 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 8.05 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.1 ft above land-surface datum.

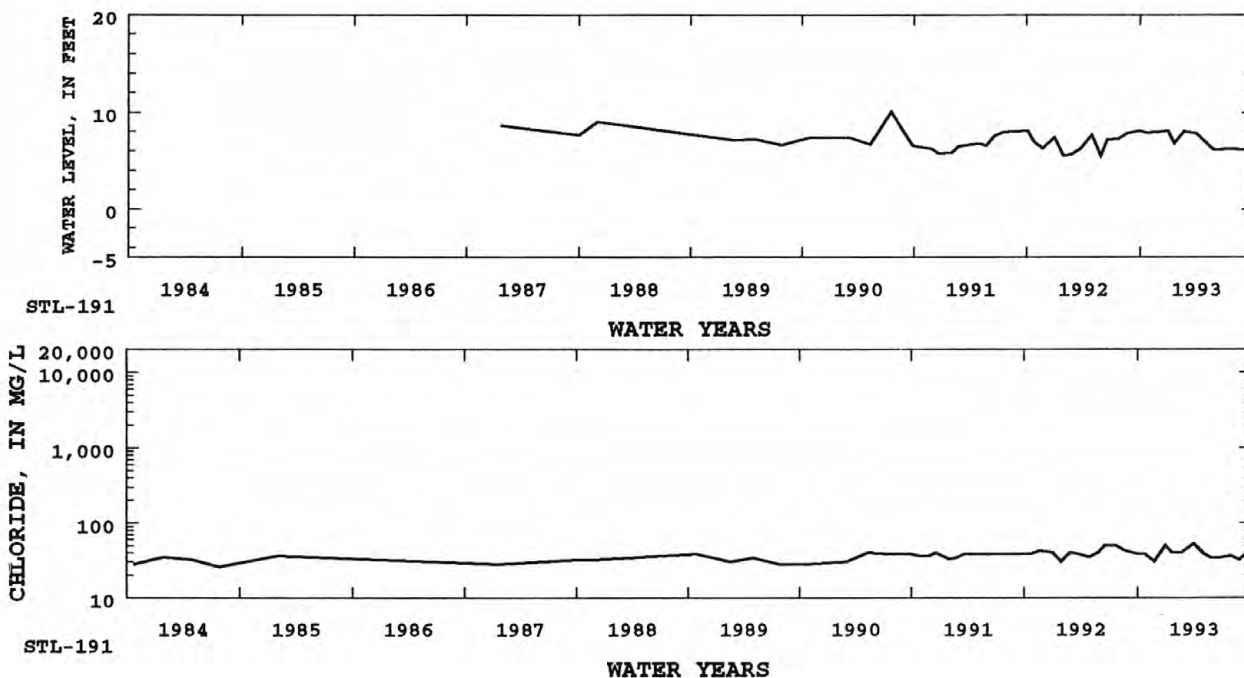
REMARKS.--Well also used for salinity monitoring.

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

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 10.05 ft NGVD, July 19, 1990; lowest measured, 5.47 ft below NGVD, Jan. 29, 1992.

272703080194801 - STL- 191

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE-	CHLO-	ELEV-	DATE	TIME	SPE-	CHLO-	ELEV-
		CIFIC	RIDE,	ATION			CIFIC	RIDE,	ATION
DUCT-	ANCE	CON-	DIS-	ABOVE	DUCT-	ANCE	CON-	DIS-	ABOVE
		(US/CM)	(MG/L	NGVD			(US/CM)	(MG/L	NGVD
AS	CL)	AS	CL)	(FEET)	AS	CL)	AS	CL)	(FEET)
OCT					MAY				
23...	1130	593	38	7.89	03...	1100	802	38	--
NOV					26...	1155	720	34	6.11
24...	1330	600	30	7.97	JUN				
DEC					22...	1315	718	34	--
29...	1110	657	50	8.07	JUL				
JAN					26...	1010	700	36	6.19
19...	1320	630	40	6.80	AUG				
FEB					25...	1125	691	32	6.13
19...	1550	520	40	8.03	SEP				
MAR					22...	1100	712	40	6.13
30...	1350	631	53	7.83					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ST. LUCIE COUNTY

WELL NUMBER.--272806080201801. Local Number STL 192. USGS Observation Well in Ft. Pierce, Fl.

LOCATION.--Lat 27°28'06", long 80°20'18", in NE1/4NW1/4NE1/4 sec.4, T.35 S., R.40 E., Hydrologic Unit 03090202, on south side of Belcher Canal (C-25) on the high ridge of the levee in middle of dirt road, approximately 100 ft southwest of control structure, 33 ft east of levee gate and 37.5 ft north of ballfield chain link fence.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 118 ft, cased to 95 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.37 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.1 ft above land-surface datum.

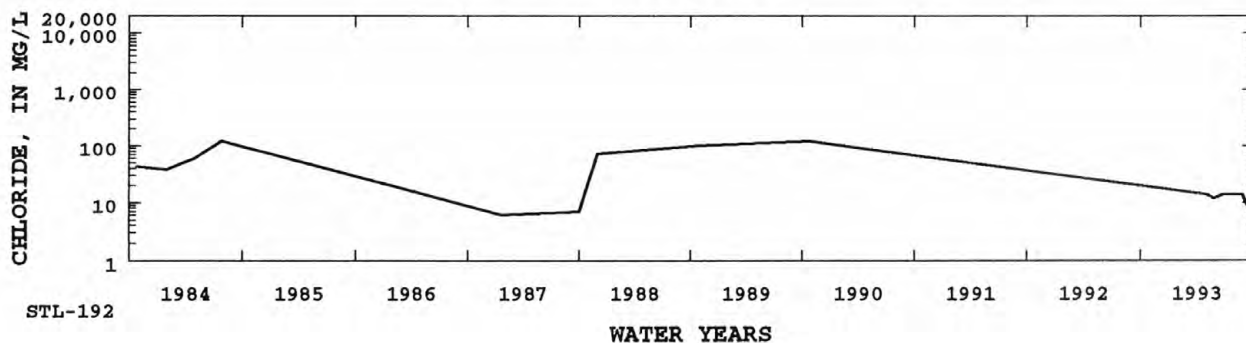
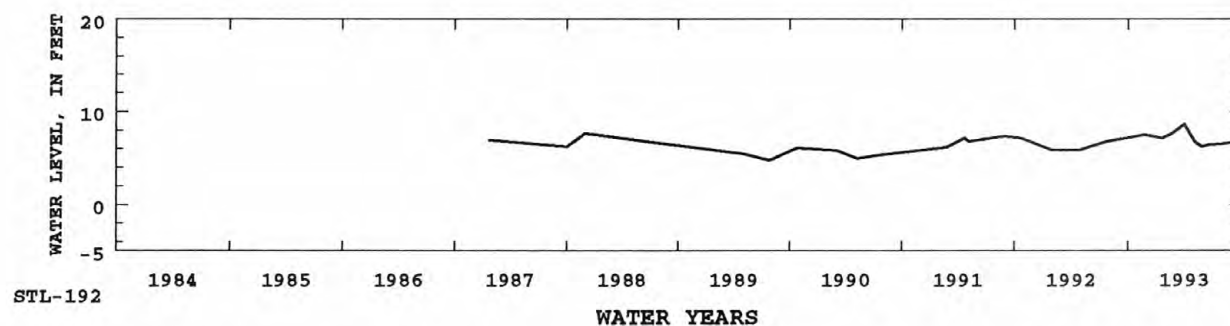
REMARKS.--Well is used for salinity monitoring.

PERIOD OF RECORD.--April 1979 to December 1992 (intermittent), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 8.57 ft NGVD, Mar. 30, 1993; lowest measured, 4.75 ft NGVD, July 26, 1989.

272806080201801 - STL- 192

WATER-QUALITY DATA, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993									
DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	SPE- CIFIC CON- DUCT- ANCE	CHLO- RIDE, DIS- SOLVED (MG/L AS CL)	ELEV- ATION ABOVE NGVD (FEET)
		(US/CM)					(US/CM)		
NOV 24...	1330	--	--	7.47	JUN 22...	1315	396	14	6.43
JAN 19...	1350	--	--	7.17	JUL 26...	1115	285	14	6.49
FEB 19...	1615	--	--	7.65	AUG 25...	1140	224	14	6.64
MAR 30...	1410	--	--	8.57	SEP 22...	1120	133	6.0	6.88
MAY 03...	0955	396	14	6.80					



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

725

WELL NUMBER.--272907080212301. Local Number PG 5. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°29'07", long 80°21'23", in NE1/4SW1/4SW1/4 sec.29, T.34 S., R.40 E., Hydrologic Unit 03090202, 300 ft south of southeast runway of St. Lucie County Airport and 650 ft north of State Road 608 and 5 ft west of STL-281.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 30 ft, cased to 25.1 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 21.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 1.30 ft above land-surface datum.

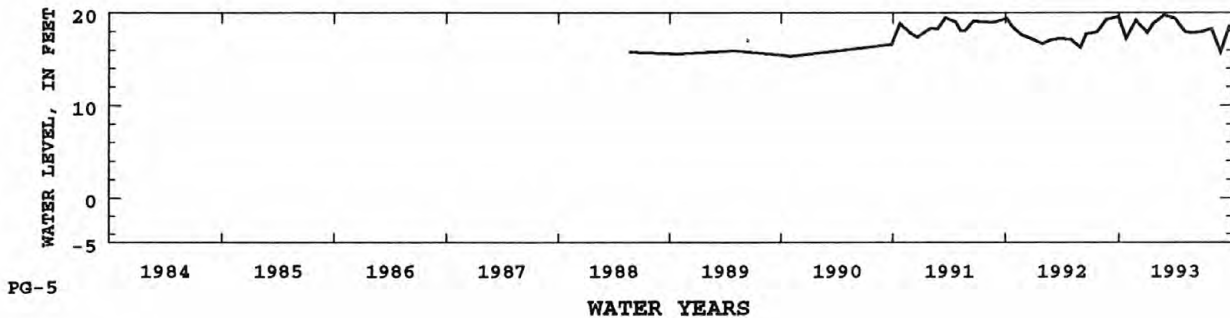
PERIOD OF RECORD.--May 1988 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 19.72 ft NGVD, Feb. 23, 1993; lowest measured, 15.31 ft NGVD, Oct. 26, 1989.

272907080212301 - PG - 5

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
23...	1150	17.24	03...	0940	17.93
NOV			26...	1400	17.85
24...	1410	19.15	JUN		
DEC			22...	1235	17.92
30...	1145	17.83	JUL		
JAN			26...	1145	18.29
19...	1420	18.85	AUG		
FEB			25...	0945	15.78
23...	1150	19.72	SEP		
MAR			22...	1230	18.64
30...	1430	19.40			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ST. LUCIE COUNTY

WELL NUMBER.--272908080214502. Local Number STL 281. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°29'08", long 80°21'45", in SE1/4SE1/4S/W1/4 sec.29, T.34 S., R.40 E., Hydrologic Unit 03090202, 300 ft south of southeast runway of St. Lucie County Airport and 650 ft north of State Road 608 and 5 ft east of PG 5.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 120 ft, cased to 80 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 22.15 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.20 ft above land-surface datum.

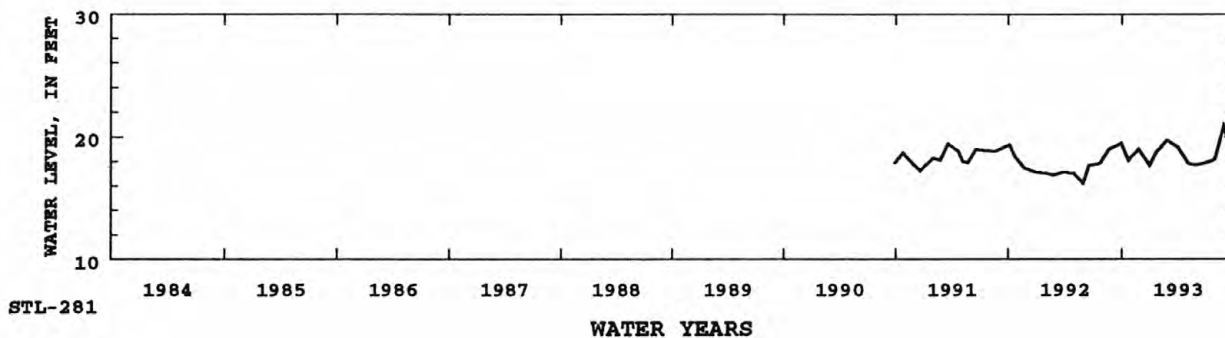
PERIOD OF RECORD.--September 1990 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.85 ft NGVD, Aug. 25, 1993; lowest measured, 16.20 ft NGVD, May 29, 1992.

272908080214502 - STL- 281

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
23...	1145	18.10	03...	0940	17.84
NOV			26...	1400	17.72
24...	1405	19.00	JUN		
DEC			22...	1230	17.81
30...	1150	17.70	JUL		
JAN			26...	1145	18.15
19...	1415	18.70	AUG		
FEB			25...	1300	20.85
23...	1200	19.73	SEP		
MAR			22...	1230	18.49
30...	1425	19.15			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

727

WELL NUMBER.--273109080270301. Local Number STL 264. USGS Observation Well near Ft. Pierce, FL.

LOCATION.--Lat 27°31'09", long 80°27'03", in SW1/4NE1/4SE1/4 sec.17, T.34 S., R.39 E., Hydrologic Unit 03090202, west side of ditch and culvert 0.4 mi inside east gate to orange grove. Orange grove located in southwest quadrant of Interstate 95 and Indrio Road, on Indrio Road approximately 0.5 mi west of Interstate 95, approximately 6 mi west of U.S. 1.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in., depth 124 ft, cased to 90 ft.

INSTRUMENTATION.--Digital water-level recorder.

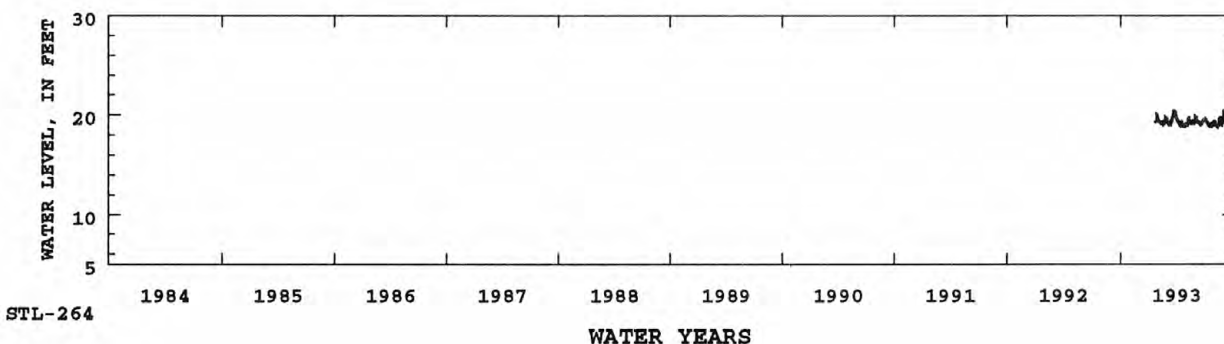
DATUM.--Land-surface datum is 21.97 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of base, 2.03 ft above land-surface datum.

PERIOD OF RECORD.--May 1988 to November 1992 (semiannual), January 1993 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 20.77 ft NGVD, Sept. 29, 1993; lowest, 18.78 ft NGVD, Apr. 22, 1993 and Aug. 9, 1993.

STATION NUMBER 273109080270301 STL- 264
ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	19.27	19.08	19.31	19.00	19.37	19.30	18.93	19.48
10	---	---	---	---	19.08	18.89	19.02	19.41	19.10	19.05	18.83	19.18
15	---	---	---	---	19.00	19.51	18.92	19.04	19.12	19.08	19.00	20.02
20	---	---	---	---	19.02	19.72	18.86	19.46	18.96	18.88	19.21	19.41
25	---	---	---	19.35	19.50	20.27	18.82	19.01	19.40	19.09	19.11	19.19
EOM	---	---	---	19.48	19.43	19.57	18.93	19.76	19.32	19.34	20.29	20.74
MEAN	---	---	---	---	19.24	19.52	19.01	19.19	19.23	19.09	19.20	19.62
MAX	---	---	---	---	19.69	20.32	19.47	19.76	19.69	19.48	20.47	20.77
MIN	---	---	---	---	18.96	18.89	18.78	18.97	18.96	18.87	18.78	19.18



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS ST. LUCIE COUNTY

WELL NUMBER.--273306080330503. Local Number PG 13N. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°33'06", long 80°33'05", in SE1/4NE1/4SE1/4 sec.5, T.34 S., R.38 E., Hydrologic Unit 03090202, 6.8 mi north of State Road 68 on Minute Maid Road in Minute Maid grove, block 720 North between 3rd and 4th tree of 1st row. Corner of Minute Maid Road and State Road 68 is 8 mi west of Ft. Pierce.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 58 ft, cased to 58 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 23.60 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 3.18 ft above land-surface datum.

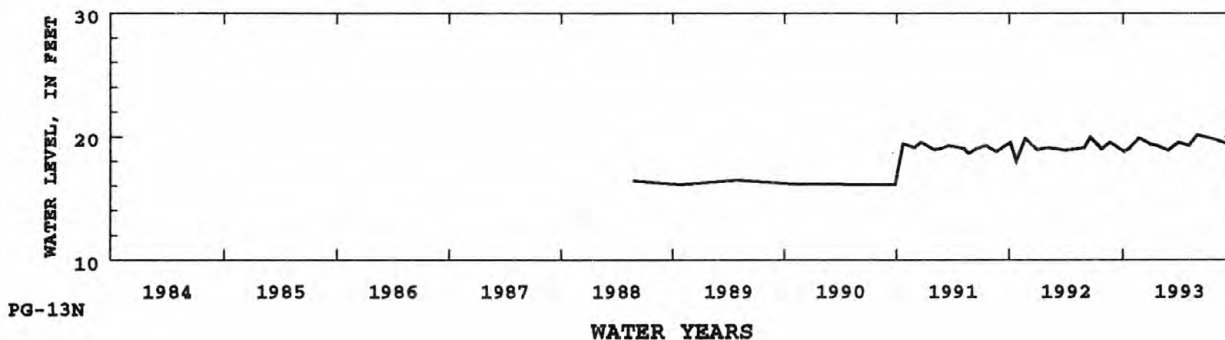
PERIOD OF RECORD.--September 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.15 ft NGVD, May 27, 1993; lowest measured, 16.09 ft NGVD, Oct. 27, 1989.

273306080330503 - PG - 13N

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
06...	1425	18.78	30...	1530	19.22
23...	1325	19.04	MAY		
NOV			27...	1040	20.15
23...	1340	19.87	JUN		
DEC			21...	1420	19.97
30...	1300	19.33	JUL		
JAN			26...	1410	19.72
19...	1540	19.24	AUG		
FEB			25...	1607	19.47
23...	1430	18.88	SEP		
MAR			22...	1440	19.25
29...	1500	19.51			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

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WELL NUMBER.--273306080330504. Local Number PG 13S. USGS Observation Well near Ft. Pierce, Fl.

LOCATION.--Lat 27°33'06", long 80°33'05", in SE1/4NE1/4SE1/4 sec.5, T.34 S., R.38 E., Hydrologic Unit 03090202, 6.8 mi north of State Road 68 on Minute Maid Road, in Minute Maid grove, block 720 north between 1st and 2nd row. Corner of Minute Maid Road and State Road 68 is 8 mi west of Ft. Pierce.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 26 ft, cased to 22.9 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 23.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 0.40 ft above land-surface datum.

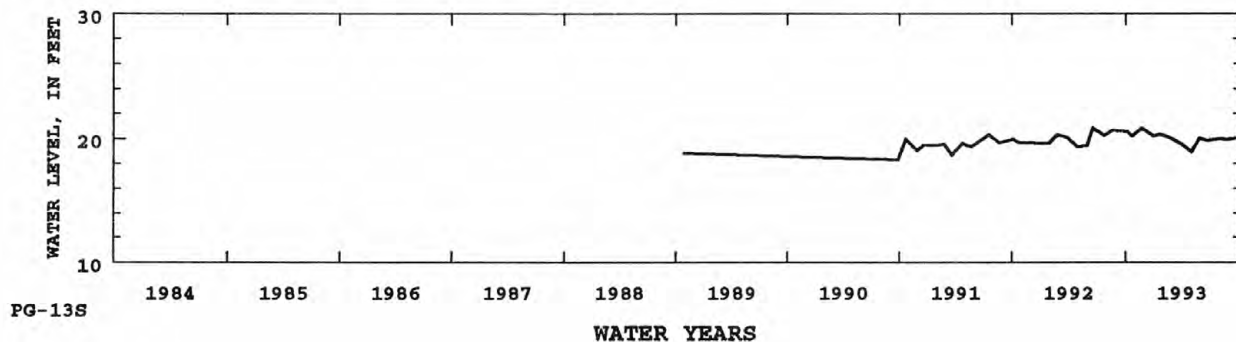
PERIOD OF RECORD.--May 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.82 ft NGVD, June 18, 1992; lowest measured, 18.32 ft NGVD, Sept. 27, 1990.

273306080330504 - PG - 13S

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
06...	1430	20.52	30...	1530	18.92
23...	1330	20.17	MAY		
NOV			27...	1040	20.02
23...	1345	20.78	JUN		
DEC			21...	1420	19.80
30...	1305	20.17	JUL		
JAN			26...	1405	19.96
19...	1545	20.34	AUG		
FEB			25...	1607	19.89
23...	1440	20.04	SEP		
MAR			22...	1440	20.02
29...	1505	19.52			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ST. LUCIE COUNTY

WELL NUMBER.--273315080224501. Local Number STL 266. USGS Observation Well near Ft. Pierce, FL.

LOCATION.--Lat 27°33'15", long 80°22'45", in SE1/4NW1/4NE1/4 sec.6, T.34 S., R.40 E., Hydrologic Unit 03090202, 26 ft east of State Road 713 and 150 ft north of pump approximately 50 ft west of U.S. 1 and approximately .25 mi south of county line, dividing St. Lucie County and Indian River County.

AQUIFER.--Surficial aquifer system, Geologic Unit 110 SAQS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in., depth 42 ft, cased to 41.5 ft.

INSTRUMENTATION.--Monthly measurement with chalked tape.

DATUM.--Land-surface datum is 35.64 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing at land-surface datum.

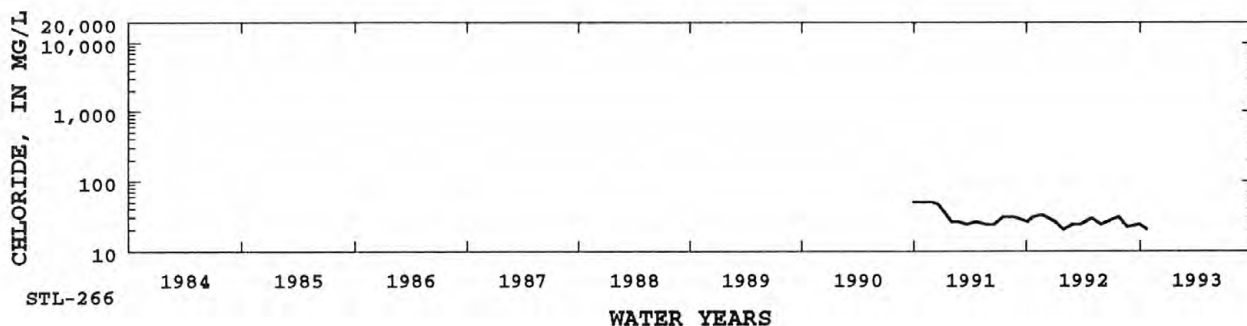
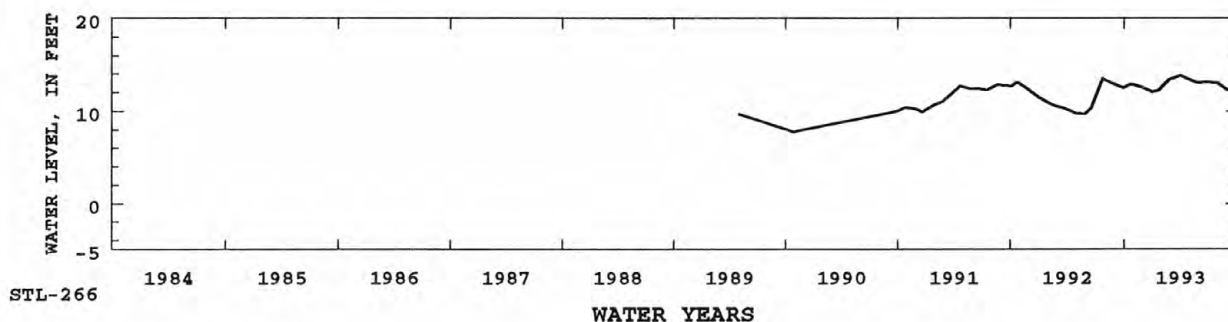
PERIOD OF RECORD.--May 1989 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 13.80 ft NGVD, Mar. 30, 1993; lowest measured, 7.77 ft NGVD, Oct. 25, 1989.

273315080224501 - STL- 266

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
23...	1210	12.89	03...	0920	13.34
NOV			26...	1420	13.04
24...	1450	12.64	JUN		
DEC			22...	1220	13.14
30...	1210	12.06	JUL		
JAN			26...	1200	13.08
19...	1440	12.24	AUG		
FEB			25...	1315	12.33
23...	1230	13.38	SEP		
MAR			22...	1325	11.96
30...	1440	13.80			



WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS
ST. LUCIE COUNTY

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MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS
OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	ELEV- ATION ABOVE NGVD (FEET) (72020)
271457080190201	STL- 270		27 14 57 N	080 19 02 W	11-19-92 05-05-93	5.88 3.63
271508080211601	STL- 271		27 15 08 N	080 21 16 W	11-19-92 05-05-93	13.71 13.43
271536080170001	PG - 23		27 15 36 N	080 17 00 W	05-05-93	7.62
271648080165701	STL- 276		27 16 48 N	080 16 57 W	11-19-92 05-05-93	13.60 11.97
271653080160101	STL- 277		27 16 53 N	080 16 01 W	11-19-92 05-03-93	14.01 13.38
271755080181901	STL- 173		27 17 55 N	080 18 19 W	05-03-93	7.56
271802080193901	PG - 25		27 18 02 N	080 19 39 W	11-19-92 05-05-93	11.90 9.13
271826080295101	STL- 134		27 18 26 N	080 29 51 W	11-20-92	24.81
271853080323701	STL- 123		27 18 53 N	080 32 37 W	11-20-92 05-05-93	20.84 20.19
272037080313701	PG - 26		27 20 37 N	080 31 37 W	11-19-92 05-05-93	14.15 13.08
272111080174601	STL- 278		27 21 11 N	080 17 46 W	11-19-92 05-05-93	15.00 14.80
272118080342301	PG - 18		27 21 18 N	080 34 23 W	11-20-92	19.14
272159080305201	STL- 279		27 21 59 N	080 30 52 W	12-30-92 05-05-93	19.80 19.60
272159080305202	STL- 280				12-30-92 05-05-93	19.67 19.62
272210080403701	STL- 296		27 22 10 N	080 40 37 W	11-20-92	32.36
272210080403702	STL- 297				11-20-92	32.21
272222080231601	STL- 269		27 22 22 N	080 23 16 W	11-19-92 05-05-93	18.72 17.19
272225080252301	STL- 130		27 22 25 N	080 25 23 W	11-19-92 05-05-93	23.12 23.09
272400080262901	PG - 10		27 24 00 N	080 26 29 W	11-23-92 05-05-93	16.93 12.96
272423080215701	PG - 7		27 24 23 N	080 21 57 W	11-19-92 05-05-93	7.08 7.57
272425080223301	STL- 136		27 24 25 N	080 22 33 W	11-19-92 05-05-93	10.31 10.86
272603080324901	STL- 286		27 26 03 N	080 32 49 W	11-23-92 05-05-93	21.11 19.25
272603080324902	STL- 287				11-23-92 05-05-93	21.02 16.35
272605080281902	PG - 15E		27 26 05 N	080 28 19 W	11-23-92 05-05-93	19.52 18.50
272611080282001	STL- 295		27 26 11 N	080 28 20 W	11-23-92 05-05-93	19.59 18.46
272744080304601	PG - 16		27 27 44 N	080 30 46 W	11-23-92	20.03

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ST. LUCIE COUNTY

MISCELLANEOUS CONDUCTANCE, CHLORIDE AND WATER LEVEL MEASUREMENTS OCTOBER 1992 TO SEPTEMBER 1993

STATION	NUMBER	LOCAL IDENT- I- FIER	LAT- I- TUDE	LONG- I- TUDE	DATE	ELEV- ATION ABOVE NGVD (FEET) (72020)
273117080294701	STL- 267		27 31 17 N	080 29 47 W	11-23-92	20.17
					05-05-93	18.63
273302080265801	PG - 12		27 33 02 N	080 26 58 W	11-23-92	14.41
					05-05-93	16.98
273306080330502	PG - 13M		27 33 06 N	080 33 05 W	11-23-92	19.90

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THE END

CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
<i>Length</i>		
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
<i>Area</i>		
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
<i>Volume</i>		
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
<i>Flow</i>		
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
<i>Mass</i>		
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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