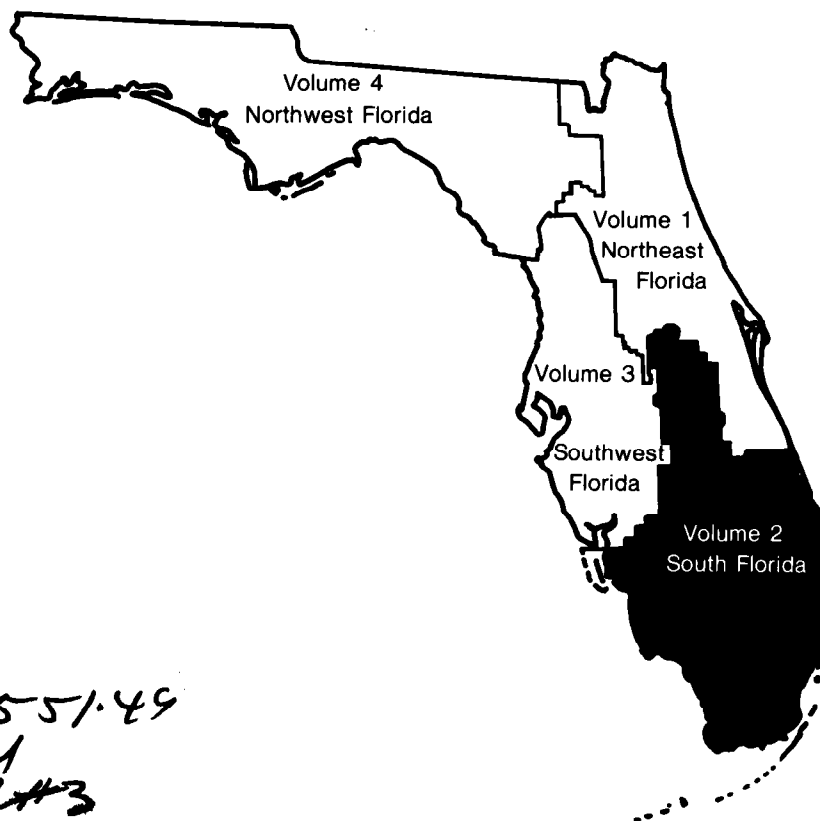




Water Resources Data Florida Water Year 1981

Volume 2B. South Florida Ground Water



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U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-81-2B
Prepared in cooperation with the State of Florida
and with other agencies

FACTORS FOR CONVERTING INCH-POUND UNITS TO INTERNATIONAL SYSTEM UNITS (SI)

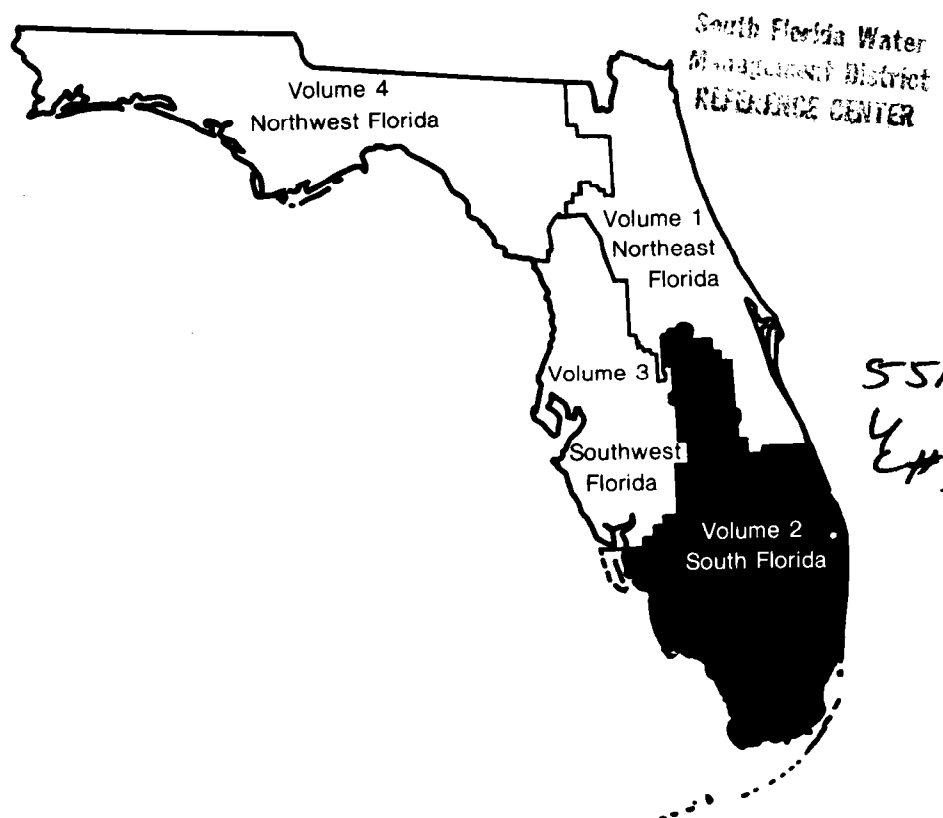
The following factors may be used to convert the inch-pound units published herein to the International System of Units (SI). This report contains both the inch-pound and SI unit equivalents in the station manuscript descriptions.

Multiply inch-pound units	By	To obtain SI units
<i>Length</i>		
inches (in)	2.54×10^1	millimeters (mm)
	2.54×10^{-2}	meters (m)
feet (ft)	3.048×10^{-1}	meters (m)
miles (mi)	1.609×10^0	kilometers (km)
<i>Area</i>		
acres	4.047×10^3	square meters (m ²)
	4.047×10^{-1}	square hectometers (hm ²)
	4.047×10^{-3}	square kilometers (km ²)
square miles (mi ²)	2.590×10^0	square kilometers (km ²)
<i>Volume</i>		
gallons (gal)	3.785×10^0	liters (L)
	3.785×10^0	cubic decimeters (dm ³)
	3.785×10^{-3}	cubic meters (m ³)
million gallons	3.785×10^3	cubic meters (m ³)
	3.785×10^{-3}	cubic hectometers (hm ³)
cubic feet (ft ³)	2.832×10^1	cubic decimeters (dm ³)
	2.832×10^{-2}	cubic meters (m ³)
cfs-days	2.447×10^3	cubic meters (m ³)
	2.447×10^{-3}	cubic hectometers (hm ³)
acre-feet (acre-ft)	1.233×10^3	cubic meters (m ³)
	1.233×10^{-3}	cubic hectometers (hm ³)
	1.233×10^{-6}	cubic kilometers (km ³)
<i>Flow</i>		
cubic feet per second (ft ³ /s)	2.832×10^1	liters per second (L/s)
	2.832×10^1	cubic decimeters per second (dm ³ /s)
	2.832×10^{-2}	cubic meters per second (m ³ /s)
gallons per minute (gal/min)	6.309×10^{-2}	liters per second (L/s)
	6.309×10^{-2}	cubic decimeters per second (dm ³ /s)
	6.309×10^{-5}	cubic meters per second (m ³ /s)
million gallons per day	4.381×10^1	cubic decimeters per second (dm ³ /s)
	4.381×10^{-2}	cubic meters per second (m ³ /s)
<i>Mass</i>		
tons (short)	9.072×10^{-1}	megagrams (Mg) or metric tons



Water Resources Data Florida Water Year 1981

Volume 2B. South Florida Ground Water



U.S. GEOLOGICAL SURVEY WATER-DATA REPORT FL-81-2B
Prepared in cooperation with the State of Florida
and with other agencies

UNITED STATES DEPARTMENT OF THE INTERIOR

JAMES G. WATT, Secretary

GEOLOGICAL SURVEY

Dallas L. Peck, Director

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

For additional information write to
District Chief, Water Resources Division
U S. Geological Survey
325 John Knox Road, Suite F-240
Tallahassee, Florida 32303

PREFACE

This report was prepared by the U.S. Geological Survey in cooperation with the State of Florida and with other agencies by personnel of the Florida district of the Water Resources Division under the supervision of I. H. Kantrowitz, District Chief, G. L. Ducret, Jr., Chief, Miami Subdistrict Office, J. O. Kimrey, Chief, Orlando Subdistrict Office, and James L. Cook, Regional Hydrologist, Southeastern Region.

This report is one of a series issued state by state under the general direction of Philip Cohen, Chief Hydrologist.

Data for Florida are in four volumes as follows:

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

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16. Abstract (Limit: 200 words) Water resources data for the 1981 water year in Florida consists of continuous or daily discharge for 279 streams, periodic discharge for 52 streams, continuous or daily stage for 64 streams, periodic stage for 82 streams, peak discharge for 78 streams, and peak stage for 55 streams; continuous or daily elevations for 77 lakes, periodic elevations for 144 lakes; continuous ground water levels for 488 wells, and periodic ground water levels for 525 wells; and miscellaneous water level measurements for 2,317 wells; quality of water data for 444 surface water sites and 613 wells. The data for south Florida includes continuous or daily discharge for 84 streams, periodic discharge for 2 streams, peak discharge for 2 streams, continuous or daily stage for 21 streams, and periodic stage for 47 streams; continuous elevations for 15 lakes, and periodic elevations for 6 lakes; continuous ground water levels for 183 wells, periodic ground water levels for 160 wells, and miscellaneous water level measurements for 544 wells; quality of water for 146 surface water sites and for 269 wells. These data represent the National Water Data System records collected by the U.S. Geological Survey and cooperating local, state and federal agencies in Florida.			
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			
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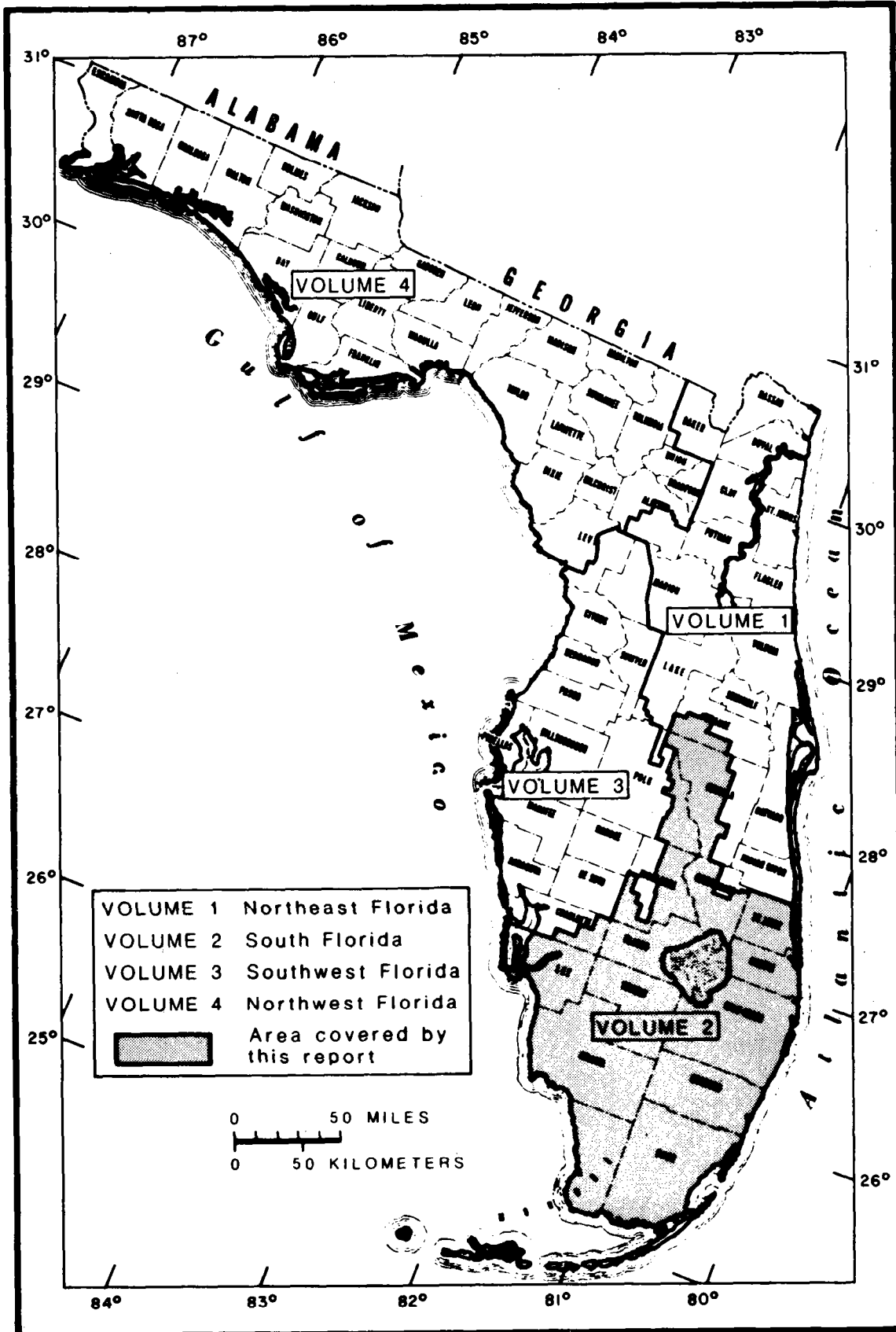


Figure 1. Geographic area covered by this report

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INTRODUCTION

Water resources data for the 1981 water year for south Florida consist of records of stage, discharge, and water quality of streams; elevation and water quality of lakes and reservoirs; water-levels and water quality of wells; and discharge and water quality of springs. Additional water data were collected at various sites, not part of the systematic data collection program, and are published as miscellaneous measurements. These data represent that part of the National Water Data System operated by the U.S. Geological Survey and cooperating state and federal agencies in Florida.

Records of discharge and stage of streams, and contents (or elevations) of lakes and reservoirs were first published in a series of U.S. Geological Survey water-supply papers entitled, "Surface Water Supply of the United States." Through September 30, 1960, these water-supply papers were in an annual series and then in a 5-year series for 1961-65 and 1966-70. Records of chemical quality, water temperatures, and suspended sediment were published from 1941 to 1970 in an annual series of water-supply papers entitled, "Quality of Surface Waters of the United States." Records of ground-water levels were published from 1935 to 1974 in a series of water-supply papers entitled, "Ground-Water Levels in the United States." Water-supply papers may be consulted in the libraries of the principal cities in the United States or may be purchased from the Branch of Distribution, U.S. Geological Survey, 1200 South Eads Street, Alexandria, VA 22202.

For water years 1961 through 1974, streamflow data were released by the U.S. Geological Survey in annual reports on a state-boundary basis. Water-quality records for water years 1964 through 1974 were similarly released either in separate reports or in conjunction with streamflow records.

Beginning with the 1975 water year, water data for streamflow, water quality, and ground water are published in official Survey reports on a state-boundary basis. These official Survey reports carry an identification number consisting of the two-letter state abbreviation, the last two digits of the water year, and the volume number. For example, this volume is identified as "U.S. Geological Survey Water-Data Report FL-81-2B". For archiving and general distribution, the reports for water years 1971-74 are also 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.

Additional information, including current prices, for ordering specific reports may be obtained from the district chief at the address given on the back of the title page or by telephone (904) 386-7145.

COOPERATION

The systematic collection of water resources data in the State of Florida by the U.S. Geological Survey began in 1930 and has been continued in cooperation with state, federal, and local agencies. The data for this report were collected as part of a cooperative program with the following agencies:

Big Cypress Basin Board	County of Palm Beach
Broward County Environmental Quality Control Board	Florida Department of Environmental Regulation
City of Boca Raton	Florida Department of Transportation
City of Cape Coral	Florida Division of Parks and Recreation
City of Cocoa	Florida Keys Aquaduct Authority
City of Deerfield Beach	Jupiter Inlet District
City of Fort Lauderdale	Loxahatchee River Environmental Control District
City of Hallendale	Miami-Dade Water and Sewer District
City of Hollywood	National Aeronautics and Space Administration
City of Pompano Beach	National Park Service, U.S. Department of the Interior
Corps of Engineers, U.S. Army	Old Plantation Water Control District
County of Brevard	Reedy Creek Improvement District
County of Broward	South Florida Water Management District
County of Collier	Southwest Florida Water Management District
County of Dade	Town of Highland Beach
County of Lake	Town of Juno Beach
County of Lee	U.S. Air Force
County of Orange	U.S. Environmental Protection Agency

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Miami Subdistrict Office

G. F. Bandli	A. C. Lietz	D. M. Poore	R. J. Southwood
R. C. Buchmiller	W. A. Long	E. C. Price	L. M. Vazquez
R. N. Cook	R. MacNaughton	N. D. Rodriguez	H. J. Voegtli
D. C. Grabova	D. J. McKenzie	G. M. Russell	B. G. Waller
J. C. Hourihan	T. M. Miller	A. W. Schnarr	J. D. Warren
H. R. LaRose	M. H. Murray	R. S. Sonenshein	J. S. Wendorf

Orlando Subdistrict Office

L. D. Fayard, Chief, Hydrologic Records

T. J. Albin	L. L. Braley	C. P. Laughlin	J. A. Robinson
W. Anderson	C. J. Cash	D. B. Laughlin	R. T. Routh
R. G. Belles	H. G. George	R. MacNaughton	E. P. Simonds
R. A. Bird	D. M. Graddy	S. A. Nordman	G. W. Spalding
A. L. Bonnet	W. R. Hopkins	S. C. Ockosz	J. L. Smoot
L. A. Bradner	D. M. Hughes	M. J. Orr	G. F. Taylor
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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 the table for converting English units to the International System of units (SI) 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.

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

Bacteria are microscopic unicellular organisms, typically spherical, rod-like, or spiral and threadlike in shape, often clumped into colonies. Some bacteria cause disease, others perform an essential role in nature in the recycling of materials; 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-spore-forming, 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 which produce colonies with a golden-green metallic sheen within 24 hours when incubated at 35°C + 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 intestines or feces of warm-blooded animals. They are often used as indicators of the sanitary quality of the water. In the laboratory they are defined as all organisms which produce blue colonies within 24 hours when incubated at 44.5°C + 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 are bacteria found also in the intestines of warm-blooded animals. Their presence in water is considered to verify fecal pollution. They are characterized as gram-positive cocci bacteria which are capable of growth in brain-heart infusion broth. In the laboratory they are defined as all the organisms which produce red or pink colonies within 48 hours at 35°C + 1.0°C on M-enterococcus medium (nutrient medium for bacterial growth). Their concentrations are expressed as number of colonies per 100 mL of sample.

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

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

Ash weight is the weight or amount of residue present after the residue from the dry weight determination has been ashed in a muffle furnace at a temperature of 500°C for 1 hour. The ash weight values of zooplankton and phytoplankton are expressed in g/m³ (grams per cubic meter), and periphyton and benthic organisms in g/m² (grams per square meter).

Dry weight refers to the weight of residue present after drying in an oven at 60°C for zooplankton and 105°C for periphyton, until the weight remains unchanged. This weight represents the total organic matter, ash and sediment, in the sample. Dry weight values are expressed in the same units as ash weight.

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

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

Cfs-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, 1.9835 acre-feet, or approximately 646,000 gallons, and represents a runoff of approximately 0.0372 inch from 1 square mile.

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.

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 salt water.

Cubic feet 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.

Cubic foot per second (ft³/s) 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.

Detergents (methylene blue active substance, MBAS). Anionic surfactants in detergents resist chemical oxidation and biological breakdown. Soap is an example of this class and the synthetic members are sodium salts of organic sulfonates or sulfates (Rose, 1966). Their persistence in water over long periods of time contributes to pollution of both ground water and surface water. Some of the effects produced from detergent pollution are unpleasant taste, odor, and foaming (Wayman, and others, 1962). Although the physiological implications of MBAS to human beings is unknown, prolonged ingestion of this material by rats is believed to be nontoxic (Paynter, 1960). The U.S. Public Health Service (1962) recommends that MBAS should not exceed 0.5 mg/L in drinking and culinary waters.

Discharge is the volume of water (or more broadly, total fluids) that passes a given point within a given period of time.

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

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

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

Drainage area of a stream at a specific 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 river above the specified point. Figures of drainage area given herein include all closed basins, or noncontributing areas, within the area unless otherwise noted.

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 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 gage height of discharge are obtained. When used in connection with a discharge record, the term is applied only to those gaging stations where a continuous record of discharge is computed.

Micrograms per liter (µg/L) is a unit expressing the concentration of chemical constituents in solution as weight (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) is a unit for expressing the concentration of chemical constituents in solution. Milligrams per liter represents the weight of solute per unit volume of water. Concentration of suspended sediment can also be expressed in mg/L based on the mass of sediment per liter of sample.

National Geodetic Vertical Datum of 1929 (NGVD) is a geodetic datum arrived 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, such as an insect, phytoplankter, or zooplankter.

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).

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 meters (m²), acres, or hectares. Periphyton, benthic organisms, and macrophytes are expressed in these terms.

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

Periphyton is the assemblage of microorganisms attached to and growing upon solid surfaces. While primarily consisting of algae, they also include bacteria, fungi, protozoa, rotifers, and other small organisms. Periphyton is a useful indicator of water quality.

Pesticides are chemical compounds used to control the growth of undesirable plants and animals. Major categories of pesticides include insecticides, miticides, fungicides, herbicides, and rodenticides. Since the first application of DDT as an insecticide in the early 1930's, there have been almost 60,000 pesticide formulations registered, each containing at least one of the approximately 800 different basic pesticide compounds (Goerlitz and Brown, 1972, p. 24). The United States annually produces about one billion pounds of these compounds. Although efforts are being made to substitute many of the chlorinated hydrocarbon pesticides with more specific, fast acting, and easily degradable compounds, chlorinated hydrocarbon pesticides are still commonly used in many areas of the country.

Phytoplankton is the plant part of the plankton. They are usually microscopic and their movement is subject to the water currents. Phytoplankton growth is dependent upon solar radiation and nutrient substances. Because they are able to incorporate as well as release materials to the surrounding water, the phytoplankton have a profound effect upon the quality of the water. They are primary food producers in the aquatic environment, and are commonly known as algae.

Blue-green algae are a group of phytoplankton organisms having a blue pigment, in addition to the green pigment called chlorophyll. Blue-green algae often cause nuisance conditions in water.

Diatoms are the unicellular or colonial algae having a siliceous shell. Their concentrations are expressed as number of cells per 100 mL of sample.

Green algae have chlorophyll pigments similar in color to those of higher green plants. Some forms produce algae mats or floating "moss" in lakes. Their concentrations are expressed as number of cells per 100 mL of sample.

A picocurie (pCi) is one millionth of the amount of radioactivity represented by a microcurie, 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.

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

Radioisotopes are isotope forms of an element that exhibit radioactivity. Isotopes are varieties of a chemical element that differ in atomic weight, but are very nearly alike in chemical properties. The difference arises because the atoms of the isotopic forms of an element differ in the number of neutrons in the nucleus. For example: Ordinary chlorine is a mixture of isotopes having atomic weights 35 and 37, with the natural mixture having an atomic weight about 35.453. Many of the elements similarly exist as mixtures of isotopes, and a great many new isotopes have been produced in the operation of nuclear devices such as the cyclotron (Rose 1966). There are 275 isotopes of the 81 stable elements in addition to over 800 radioactive isotopes.

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 only 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.

Runoff in inches (IN.) shows the depth of 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 transformed 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, soil characteristics, land usage, and quantity and intensity of precipitation.

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.

Sediment discharge is the rate at which suspended sediment passes a section of a stream or is the quantity of sediment, as measured by dry weight, or by volume, that is discharged in a given time.

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

Specific conductance is a measure of the ability of a water to conduct an electrical current and is expressed in micromhos 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 micromhos). This relation is not constant from stream to stream, and it may even vary in the same source with changes in the composition of the water (Durfor and Becker, 1964 p. 2729).

Stage-discharge relation is the relation between gage height and the 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 U.S. Geological Survey 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 stages when the various maps were made.

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 µg 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 would be required for all laboratories performing such analyses because different digestion procedures are likely to produce different analytical results.

Determination 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 µg 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.

Thermograph is a thermometer that continuously and automatically records on a chart, the water temperature of a stream. "Temperature recorder" is the term used to indicate the location of the thermograph or a digital mechanism that automatically records water temperature on paper tape.

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

Total 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 forms 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 determines all of the constituent in the sample.)

Total in bottom material is the total amount of a given constituent in a representative sample of bottom material. 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 judge when the results should be reported as "total in bottom material."

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

Total organic carbon (TOC) is a measure of the organically related carbonaceous content of water. It includes all natural and man-made organic compounds which are combustible at a temperature of 950°C.

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. Thus, the water year beginning October 1, 1970 and ending September 30, 1971 is called the "1971 water year."

WRD is used as an abbreviation for "Water-Resources Data" in the summary REVISIONS paragraph to refer to previously published state annual basic-data reports.

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

SPECIAL NETWORKS

Some of the stations for which data are published in this report are included in special networks and programs. These stations are identified by their title, set in parentheses, under the station name.

The National Stream Quality Accounting Network (NASQAN) has been designed to meet many of the information demands of agencies or groups involved in planning and management on a national or regional scale. These agencies include the Water Resources Council, Council on Environmental Quality, Environmental Protection Agency, and interstate or State-Federal units, such as river-basin commissions or river-compact commissions.

The primary objectives of the accounting network are (1) to depict areal variability of water-quality conditions nationwide on a year-by-year basis and (2) to detect and assess long-term changes in stream quality. In implementing the network, one or more stations in each river-basin unit is selected so as to sample a major part of the surface-water discharge from the unit. The NASQAN stations in Florida are shown in figure 2.

Both accounting and broad-scale monitoring objectives have been incorporated in the network design. Temperature, specific conductance, the major inorganic constituents, sediment, organic and minor inorganic constituents, bacterial content, and other biological parameters are measured periodically to provide information on their range, diversity, and variability. The ability of the stream to support biological life is assessed by periodic observations of the lower forms of aquatic plants and animals. Information obtained from the accounting network stations will provide a broad base of water-quality data on streams throughout the nation.

Pesticide program is a network of regularly sampled water-quality stations where additional samples are collected to determine the concentration and distribution of pesticides in streams whose waters are used for irrigation or in streams in areas where potential contamination could result from the application of the commonly used insecticides and herbicides.

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.

Hydrologic bench-mark station is one that provides hydrologic data for a basin in which the hydrologic regimen will likely be governed solely by natural conditions. Data collected at a bench-mark station may be used to separate effects of natural from manmade changes in other basins which have been developed and in which the physiography, climate, and geology are similar to those in the undeveloped bench-mark basin.

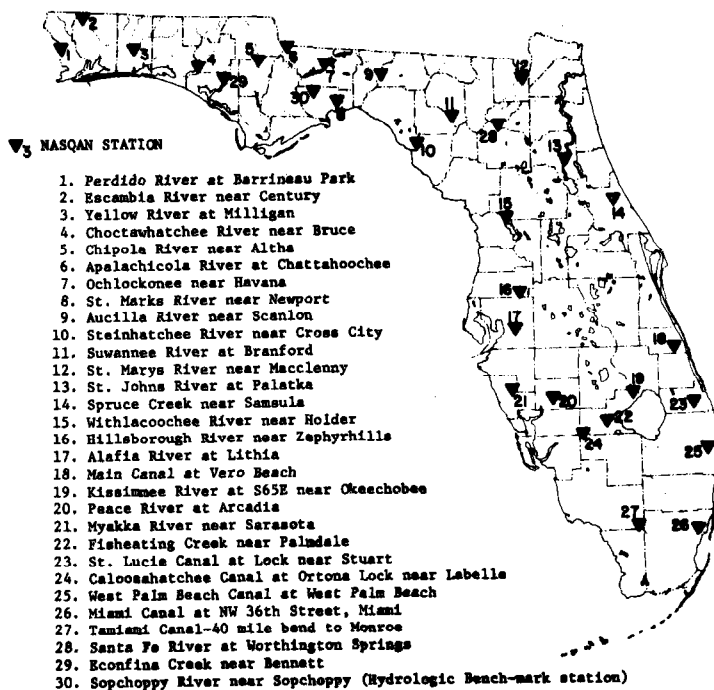


FIGURE 2. NASQAN Sites in Florida.

STATION IDENTIFICATION

Downstream order and station number

Surface water stations are listed in a downstream direction along the main stream, and stations on tributaries are listed between stations on the main stream in the order in which those tributaries enter the main stream. Stations on tributaries entering above all mainstream stations are listed before the first mainstream station. Stations on tributaries to tributaries are listed in a similar manner. In the lists of gaging stations and water-quality stations in the front of this report the rank of tributaries is indicated by indentation, each indentation representing one rank.

As an added means of identification, each gaging station, partial-record station, and water-quality station has been assigned a station number. These are in the same downstream order used in this report. In assigning station numbers, no distinction is made between partial-record stations and gaging stations; therefore, the station number for a partial-record station indicates downstream order position in a list made up of both types of stations. Water-quality stations located at or near gaging stations or partial-record stations have the same number as the gaging or partial-record station. 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 8-digit number for each station, such as 02335500, which appears just to the left of the station name includes the 2-digit part number "02" plus the 6-digit downstream order number "335500." In this report, the records are listed in downstream order by parts. The part number refers to an area whose boundaries coincide with certain natural drainage lines. All records for a drainage basin encompassing more than one state can be arranged in downstream order by assembling pages from the various state reports by station number to include all records in the basin.

Numbering system for wells and miscellaneous sites

Downstream order station numbers are not assigned to wells, and to miscellaneous sites where only random water-quality samples or discharge measurements are taken.

The well and miscellaneous site numbering system of the U.S. Geological Survey is based on the grid system of latitude and longitude. The system provides the geographic location of the well or miscellaneous site and a unique number for each site. The number consists of 15 digits. The first 6 digits denote the degrees, minutes, and seconds of latitude, the next 7 digits denote degrees, minutes, and seconds of longitude, and the last 2 digits is a sequential number for sites within a 1-second grid. In the event that the latitude-longitude coordinates for two sites are the same, sequential numbers "01," "02," are assigned to give each site a unique number. See figure below.

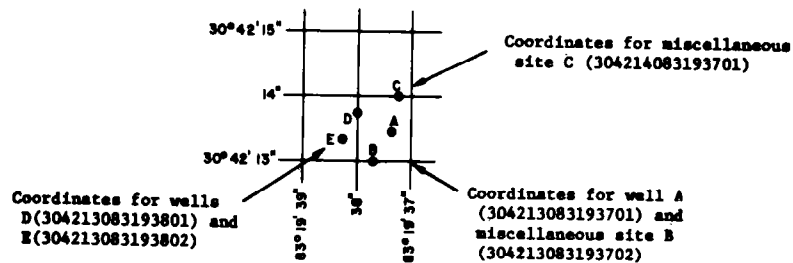


Figure 3. System for numbering wells and miscellaneous sites. (latitude and longitude)

EXPLANATION OF STAGE AND WATER-DISCHARGE RECORDS

Collection and computation of data

The base data collected at gaging stations consist of records of stage and measurements of discharge of streams or canals, and stage, surface area, and contents of lakes or reservoirs. In addition, observations of factors affecting the stage-discharge relation or the stage-capacity relation, weather records, and other information are used to supplement base data in determining the daily flow or volume of water in storage. Records of stage are obtained from either direct readings on a nonrecording gage or from a water-stage recorder that gives either a continuous graph of the fluctuations or a tape punched at selected time intervals. Measurements of discharge are made with a current meter, using the general methods adopted by the U.S. Geological Survey. These methods are described in standard textbooks, in Water-Supply Paper 888, and in U.S. Geological Survey Techniques of Water Resources Investigations, book 3, chapter A6.

For stream-gaging stations, rating tables giving the discharge for any stage are prepared from stage-discharge relation curves. If extensions to the rating curves are necessary to express discharge greater than measured, they are made on the basis of indirect measurements of peak discharge (such as slope-area or contracted opening measurements, computations of flow over dams or weirs), step backwater techniques, velocity-area studies, and logarithmic plotting. The daily mean discharge is computed from gage heights and rating tables, then the monthly and yearly mean discharges are computed from the daily figures. If the stage-discharge relations is subject to change because of frequent or continual change in the physical features that form the control, the daily mean discharge is computed by the shifting-control method, in which correction factors based on individual discharge measurements and notes by engineers and observers are used in applying the gage heights to the rating tables. If the stage-discharge relation for a station is temporarily changed by the presence of aquatic growth or debris on the control, the daily mean discharge is computed by what is basically the shifting-control method.

At some stream-gaging stations the stage-discharge relation is affected by 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 determining 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 determining discharge.

At some stations there is no relation between stage and discharge because of the flat stream gradients and/or tidal fluctuations. Discharge is determined from ratings which are based on a relation between recorded deflection (velocity index unit) at a fixed point and mean velocity at a fixed measuring section, and a relation between recorded stage and cross-sectional area at the measuring site.

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. This happens when the recorder stops or otherwise fails to operate properly, intakes are plugged, or for various other reasons. For such periods the daily discharges are estimated on the basis of recorded range in stage, adjoining good record, discharge measurements, weather records, and comparison with other station records from the same or nearby basins. Likewise daily contents may be estimated on the basis of operator's log, prior and subsequent records, inflow-outflow studies, and other information.

The data in this report generally comprise a description of the station and tabulations of daily and monthly figures. For gaging stations on streams or canals a table showing the daily discharge and monthly and yearly discharge is given. For gaging stations on lakes and reservoirs a monthly summary table of stage and contents or a table showing the daily contents is given. Tables of daily mean gage heights are included for some streamflow stations. Records are published for the water year, which begins on October 1 and ends on September 30.

The description of the gaging station gives the location, drainage area, period of record, notations of revisions of previously published records, type and history of gages, general remarks, average discharge, and extremes of discharge or contents. The location of the gaging station and the drainage area are obtained from most accurate maps available. River mileage, given under "LOCATION" for some stations, is that determined and used by the Corps of Engineers or other agencies. Periods for which there are published records for the present station or for stations generally equivalent to the present one are given under "PERIOD OF RECORD."

Previously published streamflow records of some stations have been found to be in error on the basis of data or information later obtained. Revisions of such records are usually published along with the current records in one of the annual or compilation reports. In order to make it easier to find such revised records, a paragraph headed "REVISED RECORDS" has been added to the description of all stations for which revised records have been published. Listed therein are all the reports in which revisions have been published, each followed by the water years for which figures are revised in that report. In listing the water years only one number is given; for instance, 1965 stands for the water year October 1, 1964, to September 30, 1965. If no daily, monthly, or annual figures of discharge are affected by the revision, the fact is brought out by notations 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 revised figure was first published is given. It should be noted that for all stations for which cubic feet per second per square mile and runoff in inches are published, a revision of the drainage area necessitates corresponding revision of all figures based on the drainage area. Revised figures of cubic feet per second per square mile and runoff in inches resulting from a revision of the drainage area only are usually not published in the annual series of reports.

The type of gage currently in use; the datum of the present gage referred to National Geodetic Vertical Datum; and a condensed history of the types, locations, and datums of previous gages used during the period of record are given under "GAGE." National Geodetic Vertical Datum is explained in "DEFINITION OF TERMS" on page 3.

Information pertaining to the accuracy of the discharge records and to conditions which affect the natural flow of the gaging station is given under "REMARKS." For reservoir stations information on the dam forming the reservoir, the capacity, outlet works and spillway, and purpose and use of the reservoir is given under "REMARKS."

The average discharge for the number of years indicated is given under "AVERAGE DISCHARGE"; it is not given for stations having fewer than 5 complete years of record or for stations where changes in water development during the period of record cause the figure to have little significance. In addition, the median of yearly mean discharges is given for stream-gaging stations having 10 or more complete years of record if the median differs from the average by more than 10 percent. Under "EXTREMES" are given first, the extremes for the period or record, second, information available outside the period of record, and last, those for the current year. Unless otherwise qualified, the maximum discharge (or contents) is the instantaneous maximum corresponding to the crest stage obtained by use of a water-stage recorder (graphic or digital), a crest-stage gage, or a nonrecording gage read at the time of the crest. If the maximum gage height did not occur on the same day as the maximum discharge (or contents), it is given separately. Similarly, the minimum is the instantaneous minimum unless otherwise qualified. For some stations peak discharges are listed with EXTREMES FOR THE CURRENT YEAR: if they are, all independent peaks, including the maximum for the year, above the selected base with the time of occurrence and corresponding gage heights are published in tabular format. The base discharge, which is given in the table heading, is selected so that an average of about three peaks a year will be presented. Peak discharge is not published for any canals, ditches, drains, or for any stream for which peaks are subject to substantial control by man. Time of day is expressed in 24-hour local standard time; for example, 12:30 a.m. is 0030, 1:30 p.m. is 1330. The minimums for these stations are published in a separate paragraph following the table of peaks.

Skeleton rating tables are published, immediately following EXTREMES, for stream-gaging stations where they serve a useful purpose and the dates of applicability can be easily identified.

The daily table for stream-gaging stations gives the mean discharge for each day and is followed by monthly and yearly summaries. In the monthly summary below the daily table, the line headed "TOTAL" gives the sum of the daily figures. The line headed "MEAN" gives the average flow in cubic feet per second during the month. The lines headed "MAX" and "MIN" give the maximum and minimum daily discharges, respectively, for the month. Discharge for the month also may be 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 are omitted if there is extensive regulation or diversion, if the drainage area includes large noncontributing areas, or if the average annual rainfall over the drainage basin is usually less than 20 inches. In the yearly summary below the monthly summary, the figures shown are the appropriate daily discharges for the calendar and water years.

Footnotes to the table of daily discharge are introduced by the word "NOTE." Footnotes are used to indicate periods for which the discharge is computed or estimated by special methods because of no gage-height record, backwater from various sources, or other unusual conditions. Periods of no gage-height record are indicated if the period is continuous for a month or more or includes the maximum discharge for the year. Periods of backwater from an unusual source, of indefinite stage relation, or of any other unusual condition at the gage site are indicated only if they are a month or more in length and the accuracy of the records is affected. Days on which the stage-discharge relation is affected by ice are not indicated. The methods used in computing discharge for various unusual conditions have been explained in preceding paragraphs.

For most gaging stations on lakes and reservoirs the data presented comprise a description of the station and a monthly summary table of stage and contents. For some reservoirs a table showing daily contents or stage is given. A skeleton table of capacity at given stages is published for all reservoirs for which records are published on a daily basis, but is not published for reservoirs for which only monthly data are given.

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 discharge measurements at low-flow partial-record stations, and the second is a table of annual maximum stage and discharge at crest-stage 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.

Accuracy of field data and computed results

The accuracy of discharge data 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 observations of stage, measurements of discharge, and interpretation of records.

The station description under "REMARKS" states the degree of accuracy of the records. "Excellent" means that about 95 percent of the daily discharges is within 5 percent; "good" within 10 percent; and "fair" within 15 percent. "Poor" means that daily discharges have less than "fair" accuracy.

Figures of daily mean discharge in this report are shown to the nearest hundredth of a cubic foot per second for discharges of less than 1 cfs; to tenths between 1.0 and 10 cfs; to whole numbers between 10 and 1,000 cfs; and to 3 significant figures above 1,000 cfs. The number of significant figures used is based solely on the magnitude of the figure. The same rounding rules apply to discharge figures 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 of losses are large in comparison with the observed discharge.

Other data available

Information of a more detailed nature than that published for most of the gaging stations, such as discharge measurements, gage-height records, and rating tables, is on file in the district office. Also most gaging-station records are available in computer-usable form and many statistical analyses have been made.

Information on the availability of unpublished data or statistical analyses may be obtained from the district office.

EXPLANATION OF WATER-QUALITY RECORDS

Collection and examination of data

The descriptive heading for water-quality records at surface water stations where parameters are measured on a daily basis (specific conductance, pH, dissolved oxygen, water temperature, sediment discharge, etc.) gives the period of record for the daily water-quality parameters; extremes for the period of record, extremes for the current year; and general remarks. The chemical analyses of samples collected at these sites are given immediately following the daily records.

For records collected at miscellaneous surface water sites and ground water sites no descriptive statements are given, however, the site number, date of sampling and other pertinent data are given in the table of chemical analyses.

Water analysis

Most methods for collecting and analyzing water samples are described in the U.S. Geological Survey Techniques of Water-Resources Investigations listed on a following page.

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.

Chemical-quality data published in this report are considered to be the most representative values available for 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 chemical-quality stations equipped with digital monitors, the records consist of daily maximum, minimum, and mean values for each constituent measured and are based upon hourly punches beginning at 0100 hours and ending at 2400 hours for the day of record. More detailed records (hourly values) may be obtained from the district office.

Water temperature

Water temperatures are measured at most of the water-quality stations. For daily stations, the water temperatures are taken at about the same time each day in order that the data would not reflect diurnal variations in water temperature. Most large streams have small diurnal variations in water temperature; small, shallow streams may have a daily range of several degrees and may follow closely the changes in air temperature. The thermometers used for determining the water temperature are accurate to plus or minus 0.5°C.

At stations where thermographs are located, the records consist of maximum and minimum temperatures for each day and the monthly average of maximum and minimum daily temperatures.

Sediment

Suspended sediment samples were collected monthly at stations in the Hydrologic Benchmark Network and National Stream Quality Accounting Network with depth-integrating samplers. Depth integrated samples were collected at three or more verticals in the cross section to determine variations in the cross section and to more accurately determine suspended sediment loads. Daily sediment loads in tons per day are reported for day on which samples were collected.

Mineral constituents in solution

All natural waters contain dissolved mineral matter. The quantity of dissolved mineral matter in natural water depends primarily on the type of rocks or soils with which the water has been in contact and the length of time of contact. Ground water is generally more highly mineralized than surface runoff because it remains in contact with the rocks and soils for much longer periods. Many streams are fed by both surface runoff and ground water from seepage or direct spring inflow. Such streams reflect the character of the more mineralized ground water during dry periods and are diluted by surface runoff during wet periods.

The mineral constituents and physical properties of waters reported in this report include those that have a practical bearing on water use. The results of analyses generally include silica, iron, calcium, magnesium, sodium, potassium, carbonate, bicarbonate, sulfate, chloride, fluoride, nitrate, pH, dissolved solids, and specific conductance. Aluminum, manganese, color, dissolved oxygen, and other dissolved constituents and physical properties are reported for certain streams. Microbiologic and organic components (pesticides, total organic carbon) and minor elements (arsenic, cobalt, cadmium, copper, lead, mercury, nickel, strontium, zinc, etc.) are determined occasionally for some streams in connection with specific studies and the results are reported. The source and significance of a number of constituents and properties of natural waters are discussed in the following table.

Table 1. Significance of dissolved mineral constituents and properties of water

Constituent or property	Source or cause	Significance
Alkalinity	Caused primarily by bicarbonate, carbonate, and hydroxide. Other weak acid radicals like borate, phosphate and silicate may contribute to alkalinity.	Ability of water to neutralize strong acid. High alkalinity itself not detrimental but usually associated with high pH, hardness, and dissolved solids which can be detrimental.
Aluminum (Al)	Usually present only in negligible quantities in natural waters except where the waters have been in contact with the more soluble rocks of high aluminum content. Acid waters often contain large amounts.	May be troublesome in feed waters forming scale on boiler tubes. High concentrations usually indicate the presence of acid mine drainage or industrial waste.
Arsenic (As)	Natural arsenic-bearing minerals. Found in some ground waters, in wastes from industry and mining activity and residues from some insecticides and herbicides.	National Interim Primary Drinking Water Regulations (U.S. Environmental Protection Agency, 1975) give a limit of 50 ug/L for potable waters. Lethal dose for animals is believed to be about 20 milligrams per animal pound. Small concentrations in drinking water can accumulate in man and other animals until lethal dosage is reached.
Barium Ba	Barium occurs in nature chiefly as barite, BaSO ₄ , and witherite, BaCO ₃ , both of which are highly insoluble salts. The metal is stable in dry air or by water. Many barium salts are reported to be poisonous. However, barium ions generally are thought to be rapidly precipitated or removed from solution by adsorption and sedimentation. In most natural waters there is sufficient sulfate or carbonate to precipitate the barium present in the water as a virtually insoluble, nontoxic compound. The major commercial value of barium is in its compounds which are used in a variety of applications including medicinal purposes. (U.S. Environmental Protection Agency, 1976b.)	Barium enters the body primarily through air and water, as appreciable amounts are not in foods. Ingestion of soluble barium compounds may result in effects on the gastrointestinal tract, causing vomiting and diarrhea, and on the central nervous system, causing violent tonic and clonic spasms followed in some cases by paralysis. Barium salts are considered to be muscle stimulants, especially for the heart muscle. As barium is readily excreted, it is not likely to accumulate in the bone, muscle, kidney, or other tissues. As barium is not removed by conventional water-treatment processes and because of the effect on the heart and blood vessels, The National Primary Drinking Water Regulations (U.S. Environmental Protection Agency, 1975a) give a limit of 1 mg/L for domestic water supplies. As the physical and chemical properties of barium generally preclude the existence of the toxic soluble form under usual marine and freshwater conditions, a restrictive limit of barium for aquatic life appears unwarranted. (U.S. Environmental Protection Agency, 1976b.)

Table 1 (con't.)

Constituent or property	Source or cause	Significance
Bicarbonate (HCO ₃) and Carbonate (CO ₃)	Produced by reaction of atmospheric carbon dioxide with water. Dissolved from carbonate rocks such as limestone and dolomite.	Bicarbonate and carbonate produce alkalinity. Bicarbonates of calcium and magnesium decompose in steam boilers and hot water facilities to precipitate as scale and release corrosive carbon dioxide gas. In combination with calcium and magnesium cause carbonate hardness.
Cadmium (Cd)	Found in wastes from pigment works, textile printing, lead mines, and chemical industries.	The results of animal studies suggest that very small amounts of cadmium can produce nephrotoxic and cardiovascular effects. The reproductive organs of animals are specifically affected after parenteral administration of very small amounts of cadmium salts. National Interim Primary Drinking Water Regulations (U.S. Environmental Protection Agency, 1975) state that cadmium in excess of 10 ug/L is cause for rejection of the water supply. Cadmium is also toxic to fish and aquatic life in varying concentrations.
Calcium (Ca) and Magnesium (Mg)	Dissolved from practically all soils and rocks, but especially from limestone, dolomite, and gypsum. Calcium and magnesium are found in large quantities in some brines. Magnesium is present in large quantities in seawater.	Causes most of the hardness and scale-forming properties of water; consumes soap (see hardness). Waters low in calcium and magnesium are desired in electroplating, tanning, dyeing, and in textile manufacturing.
Chloride (Cl)	Dissolved from rocks and soils. Present in sewage and found in large amounts in ancient brines, seawater, and industrial brines.	About 300 mg/L in combination with sodium gives salty taste to water. Increases the corrosiveness of water. Proposed National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977) recommends that the chloride content should not exceed 250 mg/L.
Chromium (Cr)	Few if any waters contain chromium from natural sources. Natural waters probably contain only traces of chromium as a cation unless the pH is very low. When chromium is present in water, it is usually the result of pollution by industrial wastes such as metal pickling, plating, manufacturing of paints dyes, explosives, ceramics, paper, glass, and photography processing.	National Interim Primary Drinking Water Regulations (Environmental Protection Agency, 1975), limit the maximum can concentration of hexavalent chromium to 50 ug/L. Toxicity to aquatic life varies widely with the species, temperature, pH, and other factors.
Cobalt (Co)	Cobalt occurs in nature in the minerals smaltite, (Co,Ni)As ₂ , and cobaltite, CoAsS. Alluvial deposits and soils derived from shales often contain cobalt in the form of phosphate or sulfate, but other soil types may be markedly deficient in cobalt in any form. Biological activity may aid in the solution of small amounts of cobalt. May also be present in industrial wastes especially those from manufacture of ceramics, inks, electric heating units, and cobalt pigments.	Usually suggests pollution. Relatively low toxicity to man. Fish and aquatic life tolerance varies widely from less than 3 mg/L to more than 10 mg/L. Essential in trace quantities for plant growth.
Color	Yellow-to-brown color of some water is usually caused by organic matter extracted from leaves, roots, and other organic substances. Objectionable color in water also results from industrial wastes and sewage.	Water for domestic and some industrial uses should be free from perceptible color. The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977) proposes a limit of 15 Platinum-Cobalt units. Color in water is objectionable in food and beverage processing and many manufacturing processes. Limits light penetration in water, thus preventing growth of some organisms.

Table 1 (con't)

Constituent or property	Source or cause	Significance										
Copper (Cu)	Copper is a fairly common trace constituent of natural water. Small amounts may be introduced into water by solution of copper and brass water pipes and other copper-bearing equipment in contact with the water or from copper salts added to control algae in open reservoirs. Copper salts such as the sulfate and chloride are highly soluble in waters with a low pH but in water of normal alkalinity the salts hydrolyze and copper may be precipitated. In the normal pH range of natural water containing carbon dioxide, the copper might be precipitated as carbonate.	Copper imparts a disagreeable metallic taste to water. As little as 1.5 mg/L can usually be detected, and 5 mg/L can render the water unpalatable. Copper is not considered to be a cumulative systemic poison like arsenic, lead and mercury; most copper ingested is excreted by the body and very little is retained. The pathological effects of copper are controversial, but it is generally believed very unlikely that humans could unknowingly ingest the toxic quantities from palatable drinking water. The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977) recommends that copper should not exceed 1000 ug/L in drinking and culinary water. Copper is essential in trace amounts for plant growth but becomes toxic in large amounts.										
Dissolved Oxygen (DO)	Dissolved in water from air and from oxygen given off in the process of photosynthesis by aquatic plants.	Dissolved oxygen increases the palatability of water. The amount necessary to support fish life varies with species and age, with temperature, and concentration of other constituents in the water. Under average stream conditions, 5 mg/L is usually necessary to maintain a varied fish fauna in good condition. For many industrial uses, zero dissolved oxygen is desirable to inhibit corrosion.										
Dissolved solids	Chiefly mineral constituents dissolve from weathering of rocks and soils.	The proposed National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977) recommends that the dissolved solids should not exceed 500 mg/L, however, 1,000 mg/L is permitted under certain circumstances. Waters containing more than 1,000 mg/L of dissolved solids are unsuitable for many purposes. The Geological Survey classifies the degree of salinity of these more mineralized bodies of water as follows (Swenson and Baldwin, 1965): <table border="1" data-bbox="890 1120 1270 1277"> <thead> <tr> <th>Dissolved solids (mg/L)</th> <th>Degree of salinity</th> </tr> </thead> <tbody> <tr> <td>Less than 1,000.....</td> <td>Nonsaline.</td> </tr> <tr> <td>1,000 to 3,000.....</td> <td>Slightly saline.</td> </tr> <tr> <td>3,000 to 10,000.....</td> <td>Moderately saline.</td> </tr> <tr> <td>10,000 to 35,000....</td> <td>Very saline.</td> </tr> </tbody> </table>	Dissolved solids (mg/L)	Degree of salinity	Less than 1,000.....	Nonsaline.	1,000 to 3,000.....	Slightly saline.	3,000 to 10,000.....	Moderately saline.	10,000 to 35,000....	Very saline.
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Less than 1,000.....	Nonsaline.											
1,000 to 3,000.....	Slightly saline.											
3,000 to 10,000.....	Moderately saline.											
10,000 to 35,000....	Very saline.											
Fluoride (F)	Dissolved in small to minute quantities from most rocks and soils. Enters many waters from fluoridation of municipal supplies.	Fluoride in drinking water reduces the incidence of tooth decay when the water is consumed during the period of enamel calcification. However, it may cause mottling of the teeth depending on the concentration of fluoride, the age of the child, amount of drinking water consumed, and susceptibility of the individual.										
Hardness (as CaCO ₃)	In most waters nearly all the hardness is due to calcium and magnesium. All of the metallic cations other than the alkali metals also cause hardness.	Consumes soap before a lather will form. Deposits soap curd on bathtubs. Hard water forms scale in boilers, water heaters, and pipes. Hardness equivalent to the bicarbonate and carbonate is called carbonate hardness. Any hardness in excess of this is called non-carbonate hardness.										

Table 1 (con't)

Constituent or property	Source or cause	Significance
Iron (Fe)	Iron is dissolved from many rocks and soils. On exposure to air, normal basic waters that contain more than 1 mg/L of iron soon become turbid with the insoluble reddish ferric compounds produced by oxidation. Surface waters, therefore, seldom contain as much as 1 mg/L of dissolved iron, although some acid waters carry large quantities of iron in solution.	On exposure to air, iron in ground water oxidizes to reddish-brown sediment. More than about 300 ug/L may stain laundry and utensils reddish-brown. Objectionable for food processing, textile processing, beverages, ice manufacture, brewing and other processes. Proposed National Secondary Drinking Water Resulations (U.S. Environmental Protection Agency, 1977) for esthetic reasons, recommend that iron should not exceed 300 ug/L. Larger quantities cause unpleasant taste and favor growth of iron bacteria.
Lead (Pb)	Lead seldom occurs in most natural waters, but industrial mine and smelter effluents may contain relatively large amounts of lead which contaminates the streams. Also, atmospheric contamination which is produced from several types of engine exhausts has considerably increased the availability of this element for solution in rainfall, resulting in contamination of lead in streams (Hem, 1970). Lead in the form of sulfate is reported to be soluble in water to the extent of 31 mg/L (Seidell, 1940) at 25C. In natural water this concentration would not be approached however, since a pH of less than 4.5 would probably be required to prevent formation of lead hydroxide and carbonate. It is reported (Pleissner, 1907) that at 18°C water free of carbon dioxide will dissolve the equivalent of 1.4 mg/L of lead and the solubility is increased nearly four fold by the presence of 2.8 mg/L of carbon dioxide in the solution. Presence of other ions may increase the solubility of lead.	National Interim Primary Drinking Water Regulations, (U.S. Environmental protection Agency, 1975), state that lead shall not exceed 50 ug/L in drinking and culinary water on carriers subject to Federal quarantine regulations. Maximum safe concentrations for animal watering is reported to be 500 ug/L. Toxicity of lead to fish decreases with increasing water hardness.
Manganese (Mn)	Dissolved from some rocks and soils. Not as common as iron. Large quantities often associated with high iron content and with acid waters.	Same objectionable features as iron. Causes dark brown or black stain. The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977) recommends that manganese not exceed 0.05 mg/L.
Mercury (Hg)	Though mercury is distributed throughout the environment, most natural waters generally contain mercury concentrations of less than 0.1 u/L. However, as a result of industrial and agricultural applications, large increases above natural levels in water, as well as soil and air, may occur in localized areas around chlor-alkali manufacturing plants and industrial processes involving reuse of mercurial catalysts, and from use of slimicides primarily in the paper-pulp industry and mercurial seed treatment. (U.S. Environmental Protection Agency, (1975b.))	Alkyl compounds of mercury are the most toxic to man, producing illness from the ingestion of only a few milligrams. Outside of occupational exposure, food, particularly fish, is the greatest contributor to body burden of mercury. Mercury in bottom sediments can be converted by microorganisms to the alkyl form, enter the food chain and accumulate in the higher members of the chain. Alkyl mercury can cross the blood-brain barrier more easily than other mercurials, so that blood-brain levels are much higher after a dose of alkyl mercury than after a corresponding dose of any other mercurial. Fortunately, as only a small fraction of the mercury in drinking water is in the alkyl form, the risk to health from waterborne mercury is not nearly so great as is the risk from mercury in fish. Also, fortunately, mercury in drinking water seldom exceeds 2 ug/L, the maximum limit established by the National Interim Primary Drinking Water Regulations. (U.S. Environmental Protection Agency, 1975b.)
Nickel (Ni)	Chiefly from metal plating works, manufacturing of ceramic colors, and inks.	Presence of nickel in water may suggest pollution. Federal drinking water standards do not place a limit on nickel. In the Soviet Union the maximum permissible concentration is 1.0 mg/L, (Kirkor, 1951). (Kirkor, 1951).

Table 1 (con't)

Constituent or property	Source or cause	Significance
Nitrogen, Ammonia (NH ₄ , as N)	Includes nitrogen in the form of NH ₃ and NH ₄ ⁺ . Found in many waters but usually only in trace amounts. Waters from hot springs may contain high concentrations. Found also in waters polluted with sewage and other organic waste.	Usually indicates organic pollution. Toxicity to fish is dependent on the pH of the water; 2.5 mg/L ammonia nitrogen can be harmful in the 7.4 to 8.5 pH range (Ellis, M.M., et. al. 1946, 1931). Ammonium salts are destructive to concrete made from portland cement.
Nitrogen, Organic (N)	Amino acids, proteins, and polypeptides. Derived from living organisms and their life processes and from and from wastes and sewage.	Sometimes indicates pollution. Increases nutrient content of water through decomposition and formation of other nitrogen forms.
Nitrogen, Nitrate (NO ₃ , as N)	Decaying organic matter, sewage, fertilizers, and nitrates in soil.	Concentrations much greater than the local average may suggest pollution. The National Interim Primary Drinking Water Regulations (U.S. Environmental Protection Agency, 1975) have established a 10 mg/L maximum contamination level. More than about 10 mg/L of nitrate (N) may cause a type of methemoglobinemia in infants, sometimes fatal. Water of high nitrate content should not be used in baby feeding (Maxcy, K.F., 1950). Nitrate has shown to be helpful in reducing intercrystalline cracking of boiler steel. It encourages growth of algae and other organisms which produce undesirable tastes and odors.
Nitrogen, Nitrite (N) (NO ₂ , as N)	Unstable in the presence of oxygen and is present in only small amounts in most waters. Found in sewage and other organic wastes.	Presence of nitrite is usually an indication of recent organic pollution. Undesirable in waters for some dyeing and brewing processes.
Nitrogen, Total Kjeldahl (N)	Includes ammonia nitrogen and organic nitrogen.	See nitrogen and ammonia and nitrogen, organic.
Nitrogen, total (N)	All forms of nitrogen - inorganic and organic.	See ammonia nitrogen, nitrite, nitrate, and organic.
pH Hydrogen ion concentration	Hydrogen ions derived from ionization of weak and strong acids. Hydrogen ion concentration is expressed in terms of pH where $pH = \log (H^+)$. Acid generating salts and dissolved gases such as SO ₂ and CO ₂ increases the number of hydrogen ions. Carbonates, bicarbonates, hydroxides, phosphates, silicates, and borates reduce the number of hydrogen ions.	pH ranges between 0 and 14. A pH of 7.0 indicates a neutral solution having equal numbers of hydrogen and hydroxide ions. pH higher than 7.0 denotes predominance of hydroxide ions; values lower than 7.0 indicate predominance of hydrogen ions. The National Secondary Drinking Water Regulations (U.S. Environmental Protection Agency, 1977) recommend a pH range of 6.5-8.5. Corrosiveness of water generally increases with decreasing pH. However, excessively alkaline waters may also attack metals.
Selenium (Se)	Selenium appears in the soil as basic ferric selenite, calcium selenate, and as elemental selenium. Elemental Selenium must be oxidized to selenite or before it has appreciable solubility in water. The level of selenium in water is proportional to the selenium in the soil. In low selenium areas the content of water may be significantly below 1 ug/L. (U.S. Environmental Protection Agency, 1976b.)	Biologically, selenium is an essential beneficial element in trace amounts for animals but toxic to them when ingested in amounts ranging from about 0.1 to 10 mg/kg of food. Selenium is considered toxic to man. Symptoms appear similar to those of arsenic poisoning. The toxicity of selenium to man must take into account the dietary requirements for the element in amounts estimated to be 0.04 to 0.10 mg/kg of food. Considerable difficulty is involved in determining the required level and toxic levels of selenium in humans. Taking account of the average daily intake of selenium in food of about 200 ug/L. the U.S. Environmental Protection Agency (1975a) established a maximum safe level of selenium in drinking water of 10 ug/L under the National Primary Drinking Water Regulation. (U.S. Environmental Protection Agency, 1975a.)

Table 1 (con't)

Constituent or property	Source or cause	Significance
Silver (Ag)	The need to set a water standard for silver arises from its intentional addition to waters as a disinfectant (U.S. Environmental Protection Agency, 1975a). The solubility of silver oxide is low enough to prevent high concentrations of silver at high pH, and silver chloride has a low enough solubility to exert a major control where chloride concentration exceeds 35 mg/L (Hem, 1970).	The chief effect of silver in the body is cosmetic. It consists of a permanent blue-gray discoloration of the skin, eyes, and mucous membranes (argyria) which is unsightly and disturbing to the observer as well as to the victim. Most common silver salts produce argyria when injected or ingested in sufficient doses. There is a long-delayed appearance of discoloration. Evidence is lacking that gradual disposition of silver in the body produces any significant alteration in physiological functions (U.S. Environmental Protection Agency, 1975a).
Strontium (Sr)	Dissolved from rocks and soil. Found in seawater and many brines. Present in waters of local areas where strontium minerals such as celestite and strontianite are present.	Naturally occurring strontium is similar chemically to calcium and only adds to the hardness of water.
Sulfate (SO ₄)	Dissolved from rocks and soils containing gypsum, iron sulfides, and other sulfur compounds. Usually present in mine waters and in some industrial waters.	Sulfate in water containing calcium forms hard scale in steam boilers. In large amounts, sulfate in combination with other ions gives bitter taste to water. Some calcium sulfate is considered beneficial in the brewing process. The National Secondary Drinking Water Regulations 1977 recommends that the sulfate content should not exceed 250 mg/L.
Temperature	Solar energy, thermal pollution from waste outfalls and heat from Earth's core.	Affects usefulness of water for many purposes. For most uses, a water of uniformly low temperature is desired. Shallow wells show some seasonal fluctuations in water temperature. Ground waters from moderate depths usually are nearly constant in temperature, which is near the mean annual air temperature of the area. In very deep wells, the water temperature generally increases on the average about 1°C with each 100-foot increment of depth. Seasonal fluctuations in temperatures of surface waters are comparatively large, depending on the depth of water, but do not reach the extremes of air temperature.
Turbidity	Colloidal suspensions of sediment, precipitates, and other small particles.	The National Interim Primary Drinking Water Regulations (U.S. Environmental Protection Agency, 1975) has established a maximum contaminant level as a monthly average of one nephelometric turbidity unit (NTU) (or 5 turbidity units (NTU) with state approval, provided it does not interfere with disinfection, maintenance of chlorine residual, or bacteriological testing). Interferes with light penetration and limits growth of organisms. Also directly lethal to some life forms.
Zinc (Zn)	Dissolved from some rocks and soils. Found in high concentrations in some mine waters having a low pH. Zinc is used in many commercial products and industrial wastes may contain large amounts. May be derived from zinc plated or galvanized metal products.	High concentrations may be toxic to aquatic plants and animals. Zinc may have such a toxic action on purifying bacterial flora of streams as to present serious sewage pollution problems. Proposed National Secondary Drinking Water Regulations Environmental Protection Agency, 1977) recommend that zinc should not exceed 5,000 ug/L (5 mg/L).

EXPLANATION OF GROUND-WATER LEVEL RECORDS

Collection of the data

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

Each well is identified by means of (1) a 15-digit number that is based on the grid system of latitude and longitude as shown in figure 2, and (2) a local number that is provided for continuity with older reports and for other use as dictated by local needs.

Measurements 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 insure that measurements at each well are of consistent accuracy and reliability.

Water-level measurements in this report are given in feet with reference to either National Geodetic Vertical Datum (NGVD) or land-surface datum (lsd). National Geodetic Vertical Datum is the datum plane on which the national network of precise levels is based; land-surface datum is a datum plane that approximates land surface at each well. If known, the altitude of the land-surface datum above National Geodetic Vertical 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 in wells equipped with recording gages are reported daily or for every fifth day and the end of the month (eom).

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 hundredth or a few hundredths of a foot. For lesser depths to water, the accuracy is greater, however, most measurements are reported to a hundredth of a foot.

HYDROLOGIC CONDITIONS

Rainfall for the water year was deficient at five representative rainfall stations in the 5,650 square miles that drain into Lake Okeechobee. Total rainfall for the water year ranged from 39.38 inches at Hurricane Gate Structure 6 on Lake Okeechobee's north shore to 47.43 inches at Archbold Biological Station south of Lake Placid. Deficiencies ranged from 2.76 inches at Orlando to 12.34 inches at HGS-6.

Tropical storm Dennis hit Florida August 17-18, following a record drought and water use restrictions. The heaviest 24-hour rain was 13.6 inches at Homestead. Flooding occurred in parts of south Dade County.

Streamflow declined during the year except for brief increases in February. Whittenhorse Creek near Vineland had no flow for the entire year after being dry for five and a half months prior to this year. Average discharge for 1981 for Fisheating Creek at Palmade was only 16 percent of the 49-year average for this station, Catfish Creek near Lake Wales was 34 percent of the 33-year average, Taylor Creek near Basinger was 17 percent of the 25-year average, and Kissimmee River at S-65E was 9 percent of the 16-year average.

Average discharge for 1981 for Miami Canal at NW 36th Street was only 21 percent of the 22-year average with no flow for over 70 percent of the year. The average for Tamiami Canal Outlets, 40 Mile Bend to Monroe was 71 percent of the 41-year average for this station.

Gaging stations on seven lakes registered new minimum elevations. Two lakes, Okeechobee and Butler at Windemere are significant because gaging records go back to 1931 and 1933, respectively. Other lakes in widely scattered locations with new minimum elevations and their beginning data of record were Lake Mary Jane near Narcoossee (1949), Lake Weohyakapka at Indian Lake Estates (1958), Lake Marion near Kenansville (1958), and Lake Bryan (1969) and South Lake (1969) both near Vineland. Most lakes declined gradually until February or March then declined rapidly until August when they made recoveries ranging from only 0.8 to 2.3 feet during September. Lake Okeechobee declined 1.5 feet from October to February then fell 3.4 feet until late August. The lake recovered only 2.3 feet before the water year ended.

Water levels in observation wells extending into the Floridan aquifer also declined with several reaching new minimums for their respective periods of record. Most reached their minimums by late May and declined up to 6.8 feet then recovered to levels slightly higher than those at the beginning of the year.

PUBLICATIONS OF TECHNIQUES OF WATER-RESOURCES INVESTIGATIONS

Thirty-four manuals by the U.S. Geological Survey have been published to date in the series on techniques describing procedures for planning and executing 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) is on surface water. The chapter, the unit of publication, is limited to a narrow field of subject matter. This format permits flexibility in revision and publication as the need arises. The reports listed below are for sale by the U.S. Geological Survey, Branch of Distribution, 1200 South Eads Street, Arlington, VA 22202, authorized agent of the Superintendent of Documents, Government Printing Office. Prices are effective October 1978 but are subject to change.

NOTE: When ordering 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. Picke, and G. F. Smoot: USGS--TWRI Book 1, Chapter D1. 1975. 65 pages. \$1.60.
- 1-D2. GUIDELINES FOR COLLECTION AND FIELD ANALYSIS OF GROUND-WATER SAMPLES FOR SELECTED UNSTABLE CONSTITUENTS, W. W. Wood: USGS--TWRI Book 1, Chapter D2. 1976. 24 pages. \$0.85.
- 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. \$1.90.
- 2-E1. APPLICATION OF BOREHOLE GEOPHYSICS TO WATER-RESOURCES INVESTIGATIONS, by W. S. Keys and L. M. MacCary: USGS--TWRI Book 2, Chapter E1. 1971. 126 pages. \$1.75.
- 3-A1. GENERAL FIELD AND OFFICE PROCEDURES FOR INDIRECT DISCHARGE MEASUREMENTS, by M. A. Benson and Tate Dalrymple: USGS--TWRI Book 3, Chapter A1. 1967. 30 pages. \$1.00.
- 3-A2. MEASUREMENT OF PEAK DISCHARGE BY THE SLOPE-AREA METHOD, by Tate Dalrymple and M. A. Benson: USGS--TWRI Book 3, Chapter A2. 1967. 12 pages. \$0.35.
- 3-A3. MEASUREMENT OF PEAK DISCHARGE AT CULVERTS BY INDIRECT METHODS, by G. L. Bodhaine: USGS--TWRI Book 3, Chapter A3. 1968. 60 pages. \$0.40.
- 3-A4. MEASUREMENT OF PEAK DISCHARGE AT WIDTH CONTRACTIONS BY INDIRECT METHODS, by H. F. Matthai: USGS--TWRI Book 3, Chapter A4. 1967. 44 pages. \$1.00.
- 3-A5. MEASUREMENT OF PEAK DISCHARGE AT DAMS BY INDIRECT METHODS, by Harry Hulsing: USGS--TWRI Book 3, Chapter A5. 1967. 29 pages. \$0.35.
- 3-A6. GENERAL PROCEDURE TO GAGING STREAMS, by R. W. Carter and Jacob Davidian: USGS--TWRI Book 3, Chapter A6. 1968. 13 pages. \$1.00.
- 3-A7. STAGE MEASUREMENTS AT GAGING STATIONS, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A7. 1968. 28 pages. \$1.40.
- 3-A8. DISCHARGE MEASUREMENTS AT GAGING STATIONS, by T. J. Buchanan and W. P. Somers: USGS--TWRI Book 3, Chapter A8. 1969. 65 pages. \$1.25.
- 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. \$1.20.
- 3-A12. FLUOROMETRIC PROCEDURES FOR DYE TRACING, by J. F. Wilson Jr.: USGS--TWRI Book 3, Chapter A12. 1968. 31 pages. \$0.35. Not currently available.
- 3-B1. AQUIFER-TEST DESIGN, OBSERVATION, AND DATA ANALYSIS, by R. W. Stallman: USGS--TWRI Book 3, Chapter B1. 1971. 26 pages. \$0.70.
- 3-B2. INTRODUCTION TO GROUND-WATER HYDRAULICS, A PROGRAMED TEXT FOR SELF-INSTRUCTION, by G. D. Bennett: USGS--TWRI Book 3, Chapter B2. 1976. 172 pages. \$2.50.
- 3-C1. FLUVIAL SEDIMENT CONCEPTS, by H. P. Guy: USGS--TWRI Book 3, Chapter C1. 1970. 55 pages. \$2.50.
- 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. \$2.50.
- 3-C3. COMPUTATION OF FLUVIAL-SEDIMENT DISCHARGE, by George Porterfield: USGS--TWRI Book 3, Chapter C3. 1972. 66 pages. \$2.10.
- 4-A1. SOME STATISTICAL TOOLS IN HYDROLOGY, by H. C. Riggs: USGS--TWRI Book 4, Chapter A1. 1968. 39 pages. \$1.60.

- 4-A2. FREQUENCY CURVES, By H. C. Riggs: USGS-TWRI Book 4, Chapter A2. 1968. 15 pages. \$1.20.
- 4-B1. LOW-FLOW INVESTIGATIONS, by H. C. Riggs: USGS-TWRI Book 4, Chapter B1. 1972. 18 pages. \$0.65.
- 4-B2. STORAGE ANALYSES FOR WATER SUPPLY, by H. C. Riggs and C. H. Hardison: USGS-TWRI Book 4, Chapter B2. 1973. 20 pages. \$0.75.
- 4-B3. REGIONAL ANALYSES OF STREAMFLOW CHARACTERISTICS, by H. C. Riggs: USGS-TWRI Book 4, Chapter B3. 1973. 15 pages. \$0.65.
- 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. \$1.10.
- 5-A1. METHODS FOR COLLECTION AND ANALYSIS OF WATER SAMPLES FOR DISSOLVED MINERALS AND GASES, by Eugene Brown, M. W. Skougstad, and M. J. Fishman: USGS-TWRI Book 5, Chapter A1. 1970. 160 pages. \$2.40.
- 5-A2. DETERMINATION OF MINOR ELEMENTS IN WATER BY EMISSION SPECTROSCOPY, by P. R. Barnett and E. C. Mallor Jr.: USGS-TWRI Book 5, Chapter A2. 1971. 31 pages. \$0.80.
- 5-A3. METHODS FOR ANALYSIS OF ORGANIC SUBSTANCES IN WATER, by D. F. Goerlitz and Eugene Brown: USGS-TWRI 5, Chapter A3. 1972. 40 pages. \$0.90.
- 5-A4.* METHODS FOR COLLECTION AND ANALYSIS OF AQUATIC BIOLOGICAL AND MICROBIOLOGICAL SAMPLES, edited by P. E. Greeson, T. A. Ehlke, G. A. Irwin, B. W. Lium, and K. V. Slack: USGS-TWRI Book 5, Chapter A4. 1977. 332 pages. \$20.00.
- 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. \$16.00.
- 5-C1. LABORATORY THEORY AND METHODS FOR SEDIMENT ANALYSIS, by H. P. Guy: USGS-TWRI Book 5, Chapter C1. 1969. 58 pages. \$2.10.
- 7-C1. FINITE DIFFERENCES 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. \$2.30.
- 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. \$0.70.
- 88-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. \$1.10.

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WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

WATER RESOURCES DATA FOR FLORIDA, 1981
VOLUME 2B: SOUTH FLORIDA

KEY TO SITE LOCATIONS ON FIGURE 4
BROWARD COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	255807080224301	24
2	255916080085401	24
2	255918080091801	25
3	260010080085001	25
4	260025080230401	26
5	260032080135701	26
6	260040080104401	27
6	260053080105701	27
7	260219080141101	28
8	260252080085301	28
9	260253080184801	29
10	260653080184901	30
11	260515080202101	29
12	260545080082001	30
13	260657080122301	31
14	260752080084701	31
15	260821080185101	32
16	261141080163401	32
17	261150080094602	33
18	261152080115201	33
19	261434080071901	34
19	261458080070301	34
20	261501080060701	35
21	261534080165801	35
22	261645080064701	36
23	261708080090801	36
24	261710080135001	37
25	261734080111301	38
26	261837080163001	38
27	261903080065601	39

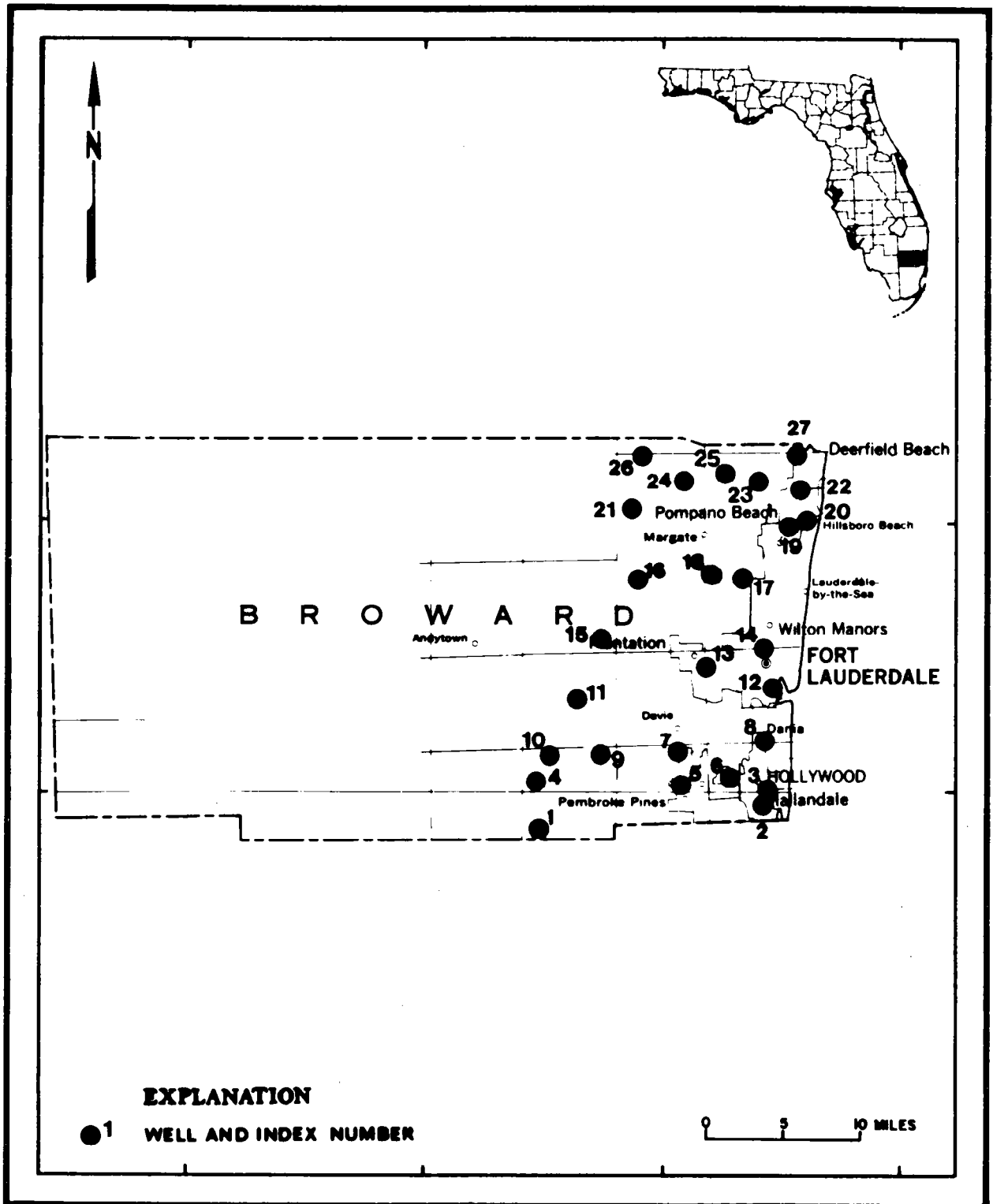


Figure 4. Location of wells in Broward County

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 SE¼NW¼ sec.31, T.51 S., R.40 E., Hydrologic Unit 03090202, 3 mi (5 km) south of State Highway 820, 4 mi (6 km) west of Flamingo Road, and 5.8 mi (9.3 km) 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 (15 cm), depth 24 ft (7.3 m), cased to 24 ft (7.3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 6.15 ft (1.87 m) National Geodetic Vertical Datum of 1929 (corrected).

REMARKS.--Water levels estimated Jan. 11 to Apr. 6 and Apr. 23 to May 20.

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 water level, 5.01 ft (1.53 m) NGVD, Apr. 28, 1979; lowest, 1.98 ft (0.60 m) estimated NGVD, Apr. 23, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.68	2.77	2.90	2.73	2.70	2.80	2.31	2.06	3.06	3.04	3.26	3.91
10	2.90	2.76	2.88	2.74	2.85	2.75	2.25	3.00	3.90	2.78	2.93	3.92
15	3.49	3.66	2.79	2.72	2.80	2.70	2.12	2.75	2.90	2.60	3.46	3.59
20	2.99	3.08	2.87	2.74	3.80	2.50	2.18	2.32	3.85	3.09	4.85	3.38
25	3.02	3.04	2.83	3.00	3.25	2.50	2.16	2.37	3.32	3.10	4.50	3.95
EOM	2.83	3.01	2.77	2.80	3.00	2.45	2.09	2.65	3.32	3.01	4.15	3.58
MEAN	2.94	3.04	2.84	2.78	3.05	2.69	2.20	2.52	3.26	2.99	3.82	3.69
MAX	3.49	3.66	3.00	3.05	3.90	3.00	2.41	3.10	4.02	3.48	4.90	4.10
MIN	2.61	2.68	2.71	2.70	2.70	2.45	2.09	2.05	2.62	2.58	2.88	3.31

WTR YR 1981 MEAN 2.98 MAX 4.90 AUG 18 AND OTHERS MIN 2.05 MAY 6

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

LOCATION.--Lat 25°59'16", long 80°08'54", in NW¼NW¼ sec.27, T.51 S., R.42 E., Hydrologic Unit 03090202, 40 ft (12 m) east of FEC railroad tracks, 300 ft (91 m) south of Northeast 2nd Street in Hallandale, and 0.5 mi (0.8 km) 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 (10 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 9.76 ft (2.97 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980 land-surface datum was considered to be 10.00 ft (3.05 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels estimated Apr. 5 to May 5.

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 level as elevation, in feet NGVD, prior to October 1, 1980 are in error. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 4.40 ft (1.34 m) NGVD, revised, May 30, 31, 1970; lowest, 0.23 ft (0.07 m) NGVD, revised, Apr. 14, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.01	1.89	1.61	1.09	.94	1.98	.88	.76	1.63	3.39	1.82	2.31
10	1.29	1.76	1.41	1.04	.89	1.67	.78	1.11	1.73	2.70	1.67	2.55
15	4.27	2.21	1.29	.96	1.56	1.52	.64	1.14	1.58	2.20	1.62	2.67
20	3.72	2.16	1.21	.94	3.51	1.36	.58	1.29	1.43	1.80	3.56	3.45
25	2.91	1.96	1.19	.97	2.71	1.25	.52	1.46	1.77	1.82	3.12	3.67
EOM	2.26	1.76	1.14	.98	2.40	1.07	.56	1.77	1.97	1.78	2.63	3.47
MEAN	2.42	1.99	1.34	1.01	1.78	1.54	.69	1.19	1.65	2.33	2.38	2.93
MAX	4.34	2.28	1.72	1.13	3.51	2.31	1.04	1.77	1.97	3.41	3.58	3.83
MIN	1.01	1.76	1.14	.92	.89	1.07	.51	.61	1.27	1.74	1.62	2.23

WTR YR 1981 MEAN 1.77 MAX 4.34 OCT 16 MIN .51 APR 29

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 NW¼NE¼ sec.28, T.51 S., R.42 E., Hydrologic Unit 03090202, 40 ft (12 m) 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 (20 cm), depth 132 ft (40.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 10.95 ft (3.34 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980 land-surface datum was considered to be 11.22 ft (3.42 m) NGVD. See PERIOD OF RECORD.

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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 4.56 ft (1.39 m) NGVD, Oct. 15, 1980; lowest, 0.21 ft (0.06 m) NGVD, revised, April 19, 21, 22, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.21	1.72	1.49	1.02	.96	1.73	.92	.62	1.57	3.30	1.88	1.93
10	1.54	1.55	1.36	1.00	.93	1.54	.71	1.10	1.80	2.47	1.63	2.50
15	4.56	2.09	1.22	.96	1.57	1.39	.58	.97	1.54	1.98	1.60	2.25
20	3.37	2.10	1.20	.93	3.31	1.28	.51	1.53	1.50	1.69	3.34	3.79
25	2.57	1.87	1.24	1.03	2.54	1.19	.45	1.32	1.76	1.88	2.59	3.47
EOM	1.99	1.69	.94	.96	2.14	1.01	.48	1.78	1.90	1.70	2.24	3.07
MEAN	2.40	1.84	1.30	.99	1.77	1.42	.63	1.13	1.65	2.24	2.23	2.68
MAX	4.56	2.21	1.65	1.05	3.31	2.02	.97	1.78	1.90	3.61	3.37	3.87
MIN	1.18	1.55	.94	.91	.90	1.01	.44	.53	1.31	1.68	1.60	1.89

WTR YR 1981 MEAN 1.69 MAX 4.56 OCT 15 MIN .44 APR 24

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

LOCATION.--Lat 26°00'10", long 80°08'50", in NW¼NW¼ sec.22, T.51 S., R.42 E., Hydrologic Unit 03090202, at South 20th Avenue and Dewey Street in Hollywood, and 1.1 mi (1.8 km) 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 (15 cm), depth 107 ft (33 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.90 ft (0.58 m) above land-surface datum.

DATUM.--Land-surface datum is 9.16 ft (2.79 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Nov. 26 to Jan. 26.

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 water level, 7.26 ft (2.21 m) NGVD, October 5, 1948; lowest, 0.16 ft (0.05 m) NGVD, July 2, 1952.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.30	1.86	1.60	.95	.84	1.65	.73	.43	1.39	3.16	1.66	1.89
10	1.60	1.67	1.40	.85	.81	1.45	.59	1.08	1.68	2.30	1.39	2.29
15	4.65	2.24	1.16	.81	1.42	1.31	.45	1.03	1.37	1.77	1.39	2.20
20	3.51	2.28	1.15	.80	2.94	1.20	.40	1.35	1.20	1.50	3.38	3.84
25	2.74	2.02	1.30	.91	2.37	1.10	.34	1.24	1.54	1.69	2.56	3.41
EOM	2.16	1.80	1.12	.86	2.05	.93	.35	1.66	1.63	1.50	2.20	3.13
MEAN	2.54	1.99	1.33	.88	1.60	1.33	.52	1.05	1.46	2.05	2.10	2.68
MAX	4.65	2.38	1.76	1.10	2.94	1.94	.88	1.66	1.68	3.52	3.43	4.03
MIN	1.25	1.67	1.08	.79	.80	.93	.34	.36	1.09	1.48	1.39	1.83

WTR YR 1981 MEAN 1.63 MAX 4.65 OCT 15 AND OTHERS MIN .34 APR 25

Florida Water
District
Center

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--260025080230401. Local Number G 1222. USGS Observation Well near Pembroke Pines, Fl.

LOCATION.--Lat 26°00'25", long 80°23'04", in NW¼SE¼ sec.18, T.51 S., R.41 E., Hydrologic Unit 03090202, 25 ft (7.6 m) south of Hollywood Boulevard, 3.0 m (4.8 km) east of U.S. Highway 27, 5.4 mi (8.7 km) southeast of Pump Station 9, and 8.0 mi (13 km) west of Pembroke Pines.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in (13 cm), depth 20 ft (6.1 m), cased to 11.5 ft (3.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 8.18 ft (2.49 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Oct. 24 to Nov. 24 and Aug. 16-24.

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 water level, 5.87 ft (1.79 m) NGVD, July 10, 1968; lowest, 1.14 ft (0.35 m) NGVD, April 29, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.09	2.96	3.58	3.03	3.28	3.64	2.81	2.35	3.20	3.74	3.38	5.20
10	3.23	3.50	3.32	2.96	3.26	3.47	2.67	2.80	4.40	3.26	3.13	5.47
15	3.84	4.00	3.15	2.99	3.47	3.30	2.54	2.65	4.05	2.93	3.43	5.07
20	3.52	3.65	3.18	3.08	4.77	3.06	2.45	2.45	4.30	2.93	5.70	4.99
25	3.25	3.77	3.17	3.48	4.31	3.20	2.39	2.49	3.90	3.09	5.33	4.99
EOM	3.10	3.88	3.08	3.27	4.11	3.00	2.33	2.67	3.76	3.05	5.04	5.04
MEAN	3.29	3.57	3.29	3.13	3.80	3.34	2.58	2.59	3.87	3.21	4.31	5.07
MAX	3.84	4.04	3.80	3.49	5.67	4.00	2.97	2.85	4.75	3.90	5.80	5.53
MIN	3.09	2.95	3.08	2.96	3.20	3.00	2.33	2.30	2.58	2.83	2.99	4.53

WTR YR 1981 MEAN 3.50 MAX 5.80 AUG 18 MIN 2.30 MAY 6

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

LOCATION.--Lat 26°00'32", long 80°13'57", in NE¼SE¼ sec.15, T.41 S., R.41 E., Hydrologic Unit 03090202, at corner of Hollywood Blvd. and Southwest 72nd Avenue, and near Perry Airport in Hollywood.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in (13 cm), depth 20 ft (6 m), cased to 11 ft (4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.67 ft (1.12 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 8.03 ft (2.45 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated July 1-28 and Aug. 20-24.

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 water level, 6.20 ft (1.89 m) NGVD, Oct. 31, 1969; lowest, .70 ft (0.21 m) NGVD, April 30 and May 1, 1971.

REVISIONS.--Revised figures of elevation, in feet NGVD, for water year 1980, superseding those published in WDR FL-80-2B, are given below:

Feb. 25.....	2.28	Feb. 29.....	2.17	Mar. 5.....	2.80	Mar. 10.....	2.42
Mar. 15.....	2.26	Mar. 20.....	2.15	Mar. 25.....	1.99		

Month	Mean	Max	Min
February 1980	2.33	2.55	2.16
March 1980	2.28	2.84	1.81
Wtr Yr 1980	2.28	3.79 June 27	1.34 Dec. 6

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.55	2.57	2.55	2.03	1.93	2.83	1.78	1.27	2.34	4.50	2.68	3.10
10	3.09	2.34	2.32	1.95	1.88	2.51	1.66	2.29	3.15	3.65	2.39	3.74
15	4.69	3.59	2.19	1.86	2.57	2.32	1.49	2.07	2.95	2.80	2.33	3.31
20	4.07	3.42	2.13	1.83	4.14	2.17	1.42	2.26	3.29	2.65	4.75	4.05
25	3.42	3.02	2.26	1.96	3.60	2.05	1.33	2.30	3.73	2.75	4.06	3.80
EOM	2.91	2.87	2.12	1.90	3.25	1.92	1.27	2.44	3.76	2.52	3.53	3.26
MEAN	3.46	2.94	2.30	1.93	2.75	2.36	1.54	2.06	3.09	3.27	3.29	3.48
MAX	4.71	3.70	2.81	2.09	4.14	3.15	1.88	2.45	3.76	5.60	5.25	4.05
MIN	2.32	2.34	2.09	1.81	1.88	1.92	1.27	1.27	2.34	2.50	2.33	2.90

WTR YR 1981 MEAN 2.70 MAX 5.60 JUL 2 MIN 1.27 APR 30 AND OTHERS

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 SE¼NW¼ 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 (1.1 km) 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 (10 cm), depth 52 ft (16 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.12 ft (0.95 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 13.14 ft (4.00 m) National Geodetic Vertical Datum of 1929. Prior to October 1975, land-surface datum was considered to be 12.20 ft (3.72 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels estimated Aug. 8 to Sept. 12.

PERIOD OF RECORD.--February 1972 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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 5.02 ft (1.53 m) NGVD, Apr. 25, 1979; lowest, 0.22 ft (0.07 m) NGVD, Apr. 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.14	1.33	1.26	.90	.81	1.43	.57	.43	1.24	2.89	1.55	1.69
10	1.60	1.17	1.10	.86	.78	1.25	.46	1.08	1.54	1.89	1.27	2.29
15	3.75	2.06	.99	.77	1.37	1.13	.32	1.02	1.22	1.49	1.26	1.99
20	2.61	1.88	1.05	.77	2.85	1.04	.33	1.29	.97	1.49	3.13	2.88
25	1.96	1.66	1.14	.91	2.12	.93	.22	1.21	1.47	1.59	2.26	2.86
EOM	1.43	1.44	1.07	.82	1.73	.75	.27	1.55	1.58	1.42	1.98	2.51
MEAN	2.04	1.58	1.12	.84	1.49	1.14	.41	1.01	1.31	1.86	1.93	2.31
MAX	3.75	2.22	1.38	1.03	2.85	1.60	.67	1.55	1.58	3.59	3.40	3.08
MIN	1.07	1.17	.99	.74	.76	.75	.22	.29	.91	1.36	1.26	1.66

WTR YR 1981 MEAN 1.42 MAX 3.75 OCT 15 MIN .22 APR 25

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

LOCATION.--Lat 26°00'53", long 80°10'57", in NW¼NW¼ sec.17, T.51 S., R.42 E., Hydrologic Unit 03090202, at center of boulevard 1500 ft (457 m) southwest of Johnson Street in Hollywood, 0.3 mi (0.4 km) north of Hollywood Blvd., and 1.7 mi (2.7 km) east of SR 441.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in (13 cm), depth 20 ft (6 m), cased to 14 ft (4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, at land-surface datum.

DATUM.--Land-surface datum is 9.17 ft (2.79 m) National Geodetic Vertical Datum of 1929. (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 water level, 7.43 ft (2.26 m) NGVD, Oct. 6, 1967; lowest, 0.30 ft (0.09 m) NGVD, Apr. 14, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.31	1.55	1.38	.98	.86	1.52	.65	.53	1.32	3.47	1.56	1.95
10	1.65	1.39	1.21	.91	.84	1.33	.52	1.16	1.60	2.47	1.36	2.93
15	4.19	2.61	1.11	.83	1.40	1.20	.40	1.09	1.28	1.69	1.25	2.22
20	2.91	2.10	1.15	.81	2.96	1.11	.41	1.78	1.00	1.64	3.43	3.90
25	2.21	1.82	1.27	.96	2.19	1.03	.34	1.27	1.46	1.62	2.64	3.23
EOM	1.69	1.61	1.13	.85	1.81	.82	.38	1.64	1.52	1.39	2.22	2.72
MEAN	2.30	1.80	1.23	.90	1.57	1.22	.49	1.13	1.37	2.14	2.06	2.67
MAX	4.19	2.61	1.55	1.09	3.20	1.71	.72	1.78	1.73	4.98	3.76	3.90
MIN	1.11	1.39	1.05	.78	.80	.82	.34	.40	.93	1.37	1.25	1.95

WTR YR 1981 MEAN 1.58 MAX 4.98 JUL 2 MIN .34 APR 25

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 SE¼NE¼ sec.3, T.41 S., R.41., Hydrologic Unit 03090202, north of Northwest 33rd Street on Davie Road Extension, and 2.0 mi (3.2 km) 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 (13 cm), depth 20 ft (6 m), cased to 12 ft (4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 5.31 ft (1.62 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980 land-surface datum was considered to be 4.98 ft (1.52 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels estimated Apr. 4 to May 13.

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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 6.39 ft (1.95 m) NGVD, revised, Oct. 30, 1969, and Apr. 25, 1979; lowest, 1.18 ft (0.36 m) NGVD, revised, Nov. 11, 1968.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.43	2.26	2.35	2.05	2.05	2.51	1.90	1.78	2.94	3.81	2.64	2.64
10	2.63	2.39	2.17	2.00	2.06	2.36	1.78	2.33	3.25	3.01	2.39	2.74
15	4.33	3.69	2.05	1.98	2.62	2.28	1.63	2.22	2.56	2.60	2.60	3.16
20	2.93	2.91	2.22	1.99	3.96	2.17	1.59	3.51	2.34	2.44	4.87	2.74
25	2.63	2.65	2.69	2.20	3.04	2.16	1.58	2.99	2.41	2.69	3.56	2.90
EOM	2.39	2.72	2.16	2.06	2.79	2.04	1.63	3.45	2.69	2.45	3.00	2.90
MEAN	2.80	2.70	2.30	2.05	2.67	2.29	1.71	2.57	2.71	2.90	3.23	2.82
MAX	4.33	3.69	3.00	2.20	4.38	2.71	2.02	3.62	3.33	4.83	5.83	3.16
MIN	2.18	2.20	2.03	1.97	2.04	2.04	1.57	1.66	2.29	2.42	2.38	2.53

WTR YR 1981 MEAN 2.56 MAX 5.83 AUG 18 MIN 1.57 APR 22 AND OTHERS

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

LOCATION.--Lat 26°02'52", long 80°08'53", in NW¼NW¼ sec.3, T.41 S., R.42 E., Hydrologic Unit 03090202, 100 Ft (30 m) west of F.E.C. Railroad near Dania water tower in Dania, and 400 ft (122 m) south of Sterling Road.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 122 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5 in (13 cm), depth 20 ft (6 m), cased to 12 ft (4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 8.11 ft (2.47 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980 land-surface datum was considered to be 8.53 ft (2.54 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels estimated Aug. 26 to Sept. 27.

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 level as elevation, in feet NGVD, prior to Oct. 1, 1980 are in error. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 5.67 ft (1.73 m) NGVD, revised, Nov. 2, 1965; lowest, 0.12 ft (0.04 m) below NGVD, revised, Aug. 19, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.37	2.44	1.43	1.04	.85	1.63	.76	.75	1.53	2.97	1.60	2.18
10	1.73	1.58	1.26	.91	.80	1.45	.69	1.32	1.59	2.26	1.50	3.18
15	4.13	1.93	1.12	.84	1.24	1.32	.62	1.25	1.51	1.83	1.50	2.48
20	2.88	2.10	1.15	.82	2.26	1.18	.57	1.01	1.23	1.59	3.31	3.53
25	2.28	1.89	1.20	.92	2.12	1.13	.56	1.40	1.63	1.60	2.67	3.58
EOM	4.26	1.65	1.20	.89	1.89	.93	.62	1.83	1.46	1.61	2.28	3.24
MEAN	2.56	2.16	1.25	.92	1.38	1.33	.65	1.22	1.54	2.01	2.08	2.89
MAX	4.26	4.25	1.60	1.18	2.30	1.81	.88	1.83	1.80	3.09	3.31	3.63
MIN	1.37	1.54	1.09	.78	.79	.93	.56	.63	1.23	1.47	1.47	2.18

WTR YR 1981 MEAN 1.67 MAX 4.26 OCT 30 AND OTHERS MIN .56 APR 24 AND OTHERS

BROWARD COUNTY

WELL NUMBER.--260253080184801. Local Number G 1322. USGS Observation Well near Cooper City, Fl.

LOCATION.--Lat 26°02'53", long 80°18'48", in NW¼SW¼ sec.36, T.50 S., R.40 E., Hydrologic Unit 03090202, 50 ft (15 m) east of Flamingo Road, 0.7 (1.1 km) west of Cooper City, and 1.0 mi (1.6 km) south of Griffin Road.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 13 ft (3.96 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 6.14 ft (1.87 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Feb. 26 to Mar. 25.

PERIOD OF RECORD.--September 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 water level, 6.15 ft (1.87 m) NGVD, Oct. 31, 1969; lowest, 1.83 ft (0.56 m) NGVD, May 1, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.32	2.39	3.02	2.84	3.11	3.05	3.16	2.59	2.89	4.15	3.75	2.88
10	2.99	2.70	2.74	2.88	3.10	2.96	3.09	2.89	3.61	3.47	3.44	2.97
15	3.33	3.47	2.67	2.95	3.56	3.10	2.90	2.68	3.32	3.15	3.41	3.55
20	2.87	3.28	2.87	3.04	4.89	2.85	2.80	3.67	3.93	3.12	5.08	3.16
25	3.03	3.14	3.46	3.38	3.59	3.35	2.60	2.84	3.69	3.30	3.60	3.40
EOM	2.60	3.17	3.03	3.17	3.35	3.08	2.40	3.08	3.76	3.49	2.58	3.58
MEAN	2.83	2.97	2.98	3.03	3.57	3.06	2.87	2.96	3.39	3.50	3.81	3.27
MAX	3.33	3.53	3.81	3.43	5.15	3.45	3.19	3.69	4.19	4.77	5.39	3.78
MIN	2.15	2.36	2.65	2.81	3.07	2.80	2.40	2.53	2.72	3.05	2.58	2.59

WTR YR 1981 MEAN 3.18 MAX 5.39 AUG 18 MIN 2.15 OCT 2

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

LOCATION.--Lat 26°05'15", long 80°20'21", in SE¼NW¼ sec.15, T.50 S., R.40 E., Hydrologic Unit 03090202, 1.8 mi (2.9 km) north of South New River Canal, 6.5 mi (10.5 km) west of Davie and 14.2 mi (22.8 km) 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 (15 cm), depth 29 ft (9 m), cased to 28 ft (8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.53 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 6.00 ft (1.83 m) National Geodetic Vertical Datum of 1929.

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

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.14	3.32	3.67	3.27	3.44	3.66	3.36	2.75	3.51	4.80	3.74	3.96
10	3.99	3.22	3.41	3.24	3.48	3.50	3.27	2.94	4.47	3.90	3.45	5.04
15	4.54	4.18	3.26	3.30	4.06	3.48	3.12	2.94	3.72	3.30	3.49	4.48
20	3.93	4.14	3.37	3.35	5.11	3.28	2.98	3.80	4.10	3.15	6.58	3.95
25	4.05	3.84	3.53	3.63	4.15	3.62	2.81	3.45	4.53	3.21	5.71	3.90
EOM	3.58	3.96	3.41	3.54	4.00	3.38	2.65	4.01	4.79	3.39	5.06	3.80
MEAN	3.75	3.75	3.48	3.38	3.98	3.52	3.08	3.20	4.02	3.75	4.66	4.17
MAX	4.54	4.43	3.88	3.63	5.44	3.91	3.38	4.17	4.98	5.39	6.77	5.04
MIN	2.82	3.18	3.24	3.22	3.42	3.25	2.65	2.68	3.40	3.14	3.38	3.65

WTR YR 1981 MEAN 3.73 MAX 6.77 AUG 18 MIN 2.65 APR 30

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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

LOCATION.--Lat 26°05'45", long 80°08'20", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.15, T.50 S., R.42 E., Hydrologic Unit 03090202, at Southeast 4th Avenue and 20th Street in Fort Lauderdale, 0.2 mi (0.3 km) west of U.S. Highway 1, and 0.3 mi (0.5 km) 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 (15 cm), depth 20 ft (6 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 8.15 ft (2.48 m) National Geodetic Vertical Datum of 1929.

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 water level, 7.40 ft (2.26 m) NGVD, Oct. 5, 1948; lowest, 0.05 ft (0.02 m) NGVD, July 2, 1952.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.76	1.73	1.59	1.15	.96	1.50	.72	.85	1.33	2.77	1.58	2.05
10	1.82	1.59	1.40	1.04	.92	1.30	.61	1.37	1.52	2.03	1.26	1.99
15	2.33	2.36	1.25	.97	1.38	1.10	.52	1.20	1.25	1.60	1.24	2.09
20	1.98	2.22	1.30	.91	2.06	1.00	.51	1.25	1.00	1.41	3.32	2.02
25	1.79	1.96	1.89	1.20	1.84	1.13	.51	1.27	1.60	1.65	2.61	3.12
EOM	1.92	1.80	1.30	1.01	1.67	.94	.68	1.58	1.52	1.52	2.29	2.95
MEAN	1.95	1.92	1.43	1.06	1.40	1.21	.61	1.22	1.40	1.86	2.05	2.52
MAX	2.61	2.45	1.89	1.29	2.07	1.65	.89	1.58	1.62	3.05	3.49	3.74
MIN	1.42	1.59	1.25	.89	.92	.94	.51	.72	1.00	1.38	1.23	1.93

WTR YR 1981 MEAN 1.55 MAX 3.74 SEP 27 MIN .51 APR 16 AND OTHERS

WELL NUMBER.--260653080184901 (corrected). Local Number G 2034. USGS Observation Well near Davie, Fl.

LOCATION.--Lat 26°02'02", long 80°23'07", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.6, T.51 S., R.40 E., Hydrologic Unit 03090202, 1.9 mi (3.1 km) south of Griffin Road and east of Mathus Drive, 4.3 mi (6.9 km) southeast of Pump Station 9, and 7.8 mi (12.6 km) west of Davie.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 22 ft (7 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 6.44 ft (1.96 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water level records estimated June 7 to Aug. 6 and Aug. 31 to Sept. 30.

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 water level, 6.17 ft (1.88 m) NGVD, Apr. 25, 1979, lowest, 1.49 ft (0.45 m) NGVD, May 6, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.50	2.84	3.23	2.66	3.00	3.30	2.70	2.16	2.94	4.10	3.02	3.45
10	2.70	2.71	2.88	2.60	2.97	3.01	2.56	2.59	3.65	3.25	2.84	4.35
15	3.37	3.97	2.71	2.73	3.31	2.92	2.45	3.63	3.00	2.60	2.86	3.90
20	3.00	3.63	2.76	2.80	4.73	2.84	2.26	2.58	3.45	2.49	4.80	3.55
25	3.65	3.49	2.93	3.19	3.85	3.06	2.21	2.27	3.85	2.55	4.98	3.70
EOM	3.27	3.60	2.80	3.06	3.63	2.87	2.09	2.22	4.00	2.75	4.30	3.65
MEAN	3.00	3.34	2.93	2.83	3.48	3.05	2.44	2.50	3.25	3.06	3.86	3.77
MAX	3.85	4.30	3.51	3.20	5.33	3.57	2.86	3.63	4.30	4.70	5.30	4.35
MIN	2.30	2.65	2.69	2.57	2.95	2.81	2.09	2.11	2.12	2.48	2.80	3.40

WTR YR 1981 MEAN 3.12 MAX 5.33 FEB 19 MIN 2.09 APR 30

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 SW¼ sec.12, T.50 S., R.41 E., Hydrologic Unit 03090202, 0.3 mi (.5 km) 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 (10 cm), depth 68 ft (20 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.16 ft (0.96 m) above land-surface datum.

DATUM.--Land-surface datum is 9.22 ft (2.81 m) National Geodetic Vertical Datum of 1929.

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 water level, 10.76 ft (3.28 m) NGVD, Oct. 17, 1947; lowest, 1.26 ft (0.38 m) below NGVD, May 2, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	.86	1.82	1.43	.71	.54	1.21	.17	-0.89	1.07	3.67	1.89	2.86
10	.96	1.24	1.33	.57	.68	.57	-0.14	-0.01	1.20	2.85	1.51	2.91
15	2.56	1.82	1.11	.75	.75	.75	-0.39	-0.13	1.07	2.24	1.61	3.09
20	2.38	2.17	1.25	.21	1.20	.56	-0.26	-0.01	.77	1.87	4.11	3.54
25	2.01	1.73	1.44	.44	1.25	.68	-0.70	.31	1.14	1.96	3.62	3.40
EOM	2.06	1.78	.88	-0.18	1.05	.34	-0.84	1.13	1.99	1.84	3.27	3.09
MEAN	1.67	1.83	1.27	.49	.82	.67	-0.30	-0.03	1.09	2.41	2.62	3.15
MAX	3.08	2.38	1.95	1.16	1.35	1.21	.30	1.13	1.90	3.68	4.15	3.74
MIN	.46	1.24	.78	-0.18	.22	.34	-0.84	-0.93	.67	1.76	1.51	2.75

WTR YR 1981 MEAN 1.31 MAX 4.15 AUG 18 MIN -0.93 MAY 6

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

LOCATION.--Lat 26°07'52", long 80°08'47", in SE¼SW¼ 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 (1.3 km) 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 (13 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 4.76 ft (1.45 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980 land-surface datum was considered to be 5.76 ft (1.76 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels estimated Nov. 27 to Dec. 22, Dec. 25 to Jan. 27, and Jan. 29 to Feb. 24.

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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 5.75 ft (1.75 m) NGVD, revised, Oct. 31, 1966; lowest, 0.40 ft (0.12 m) NGVD, revised, May 30, 1965.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.80	1.67	2.00	1.45	1.00	1.37	.92	.74	1.32	3.06	1.67	2.63
10	2.01	1.57	1.77	1.30	.97	1.25	.78	1.63	1.59	2.50	1.55	2.78
15	2.30	2.78	1.62	1.15	1.40	1.16	.69	1.54	1.45	2.08	1.47	2.72
20	2.21	2.75	1.62	.97	2.05	1.10	.64	1.24	1.15	1.83	3.51	2.88
25	1.97	2.40	2.15	1.10	1.78	1.20	.61	1.33	1.75	1.80	3.09	3.12
EOM	1.85	2.20	1.62	1.01	1.58	1.10	.61	1.42	1.47	1.68	2.77	2.79
MEAN	2.01	2.15	1.78	1.20	1.40	1.22	.74	1.30	1.48	2.17	2.33	2.84
MAX	2.31	2.80	2.15	1.59	2.05	1.52	1.07	1.63	1.75	3.06	3.52	3.22
MIN	1.63	1.57	1.55	.94	.94	1.08	.60	.62	1.11	1.47	1.47	2.48

WTR YR 1981 MEAN 1.72 MAX 3.52 AUG 18 AND OTHERS MIN .60 APR 26 AND OTHERS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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

LOCATION.--Lat 26°08'21", long 80°18'51", in SW¼NW¼ sec.36, T.49 S., R.40 E., Hydrologic Unit 03090202, 1.6 mi (2.6 km) north of North New River Canal, and 4.6 mi (7.4 km) west of Plantation.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 22 ft (7 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 5.79 ft (1.76 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water level estimated Mar. 3 to Apr. 30.

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 water level, 7.25 ft (2.21 m) NGVD estimated, Apr. 25, 1979; lowest, 2.85 ft (0.87 m) NGVD, May 7, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.84	4.31	4.33	4.10	4.12	4.85	3.93	3.37	5.24	5.48	4.48	4.78
10	3.97	4.15	4.12	4.04	4.23	4.52	3.75	3.62	5.85	5.17	3.88	5.95
15	5.87	5.79	4.11	4.05	4.62	4.37	3.60	4.03	4.37	4.22	4.50	4.88
20	4.65	4.53	4.22	4.05	6.02	4.27	3.45	5.51	4.88	4.20	6.54	4.77
25	6.05	4.55	4.47	4.53	4.94	4.35	3.39	4.58	4.43	4.56	6.15	4.95
EUM	4.67	4.66	4.23	4.20	4.60	4.10	3.37	5.51	5.19	4.17	5.88	4.46
MEAN	4.68	4.68	4.30	4.15	4.73	4.47	3.63	4.24	4.93	4.66	5.22	4.97
MAX	6.05	5.79	4.57	4.63	6.15	5.02	4.06	5.99	5.85	6.00	6.71	5.95
MIN	3.61	4.15	4.03	4.02	4.11	4.10	3.37	3.35	3.98	4.07	3.88	4.43

WTR YR 1981 MEAN 4.55 MAX 6.71 AUG 18 MIN 3.35 MAY 6

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

LOCATION.--Lat 26°11'41", long 80°16'34", in SW¼SE¼ sec.8, T.49 S., R.41 E., Hydrologic Unit 03090202, north of Commercial Boulevard in Tamarac, 5.0 mi (8.0 km) west of U.S. 441, and 11.0 mi (17.7 km) 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 (15 cm), depth 23 ft (7 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.59 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 11.70 ft (3.57 m) National Geodetic Vertical Datum of 1929.

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.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 11.32 ft (3.45 m) NGVD, Apr. 25, 1979; lowest, 5.79 ft (1.76 m) NGVD, Aug. 5, 1972.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.59				---	7.88	7.26	7.54	7.95	8.05	7.84	8.18
10	7.61				---	7.73	7.18	7.72	8.36	7.82	7.93	8.71
15	7.80				---	7.62	7.11	7.55	8.04	7.65	8.02	8.27
20	7.64				8.47	7.46	7.15	8.29	8.05	7.80	9.08	8.36
25	7.60				8.05	7.41	7.15	8.02	7.99	7.68	8.35	8.28
EUM	---				7.99	7.32	7.35	8.45	7.90	7.78	8.52	8.10
MEAN	7.67				8.18	7.61	7.19	7.86	8.08	7.82	8.39	8.28
MAX	7.81				8.62	7.99	7.35	8.75	8.38	8.22	10.80	8.73
MIN	7.53				7.99	7.32	7.09	7.40	7.85	7.61	7.76	8.10

WTR YR 1981 MEAN 7.88 MAX 10.80 AUG 18 MIN 7.09 APR 22

BROWARD COUNTY

WELL NUMBER.--261150080094602. Local Number G 2275. USGS Observation Well near Oakland Park, Fl.

LOCATION.--Lat 26°11'50", long 80°09'46", in NE¼SW¼ sec.9, T.49 S., R.42 E., Hydrologic Unit 03090202, at Fort Lauderdale Executive Airport, and 0.7 mi (1.1 km) west of Oakland Park.

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

WELL CHARACTERISTICS.--Drilled, observation, water table well, diameter 2 in (5 cm), depth 157 ft (48 m), cased to 155 ft (47 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.50 ft (1.06 m) above land-surface datum.

DATUM.--Land-surface datum is 7.80 ft (2.37 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 7.04 ft (2.15 m) NGVD, Sept. 21, 1981; lowest, 0.67 ft (0.20 m) below NGVD, Apr. 10, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.36	1.50	3.28	2.51	2.07	2.55	1.66	.24	2.74	4.12	3.28	5.52
10	1.57	1.57	3.08	2.41	2.02	2.32	1.50	1.20	3.10	3.93	3.18	5.57
15	2.05	2.26	2.85	2.30	2.42	2.13	.87	1.39	2.98	3.47	3.46	5.45
20	1.97	3.38	2.72	2.22	2.83	1.97	1.17	1.60	2.80	3.43	5.86	7.03
25	1.88	3.44	2.78	2.26	2.89	1.99	.71	1.79	2.59	3.58	5.52	6.64
EOM	1.85	3.61	2.68	2.14	2.73	1.77	.27	2.48	2.71	3.33	5.65	6.17
MEAN	1.81	2.49	2.95	2.33	2.43	2.17	1.12	1.38	2.80	3.61	4.43	5.94
MAX	2.60	3.62	3.44	2.63	2.91	2.69	1.76	2.48	3.12	4.12	5.87	7.04
MIN	1.36	1.50	2.64	2.14	2.02	1.77	.27	.24	2.55	2.73	3.17	5.27

WTR YR 1981 MEAN 2.79 MAX 7.04 SEP 21 MIN .24 MAY 5

WELL NUMBER.--261152080115201 (corrected). Local Number G 1262. USGS Observation Well at Margate, Fl.

LOCATION.--Lat 26°11'52", long 80°11'52", in SW¼SW¼ sec.7, T.49 S., R.42 E., Hydrologic Unit 03090202, 0.25 mi (0.40 km) north of Prospect Road, and 0.75 mi (1.2 km) 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 (15 cm), depth 15 ft (4.6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, at land-surface datum.

DATUM.--Land-surface datum is 10.40 ft (3.17 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Apr. 28 to May 13.

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 water level, 7.30 ft (2.22 m) NGVD, Nov. 7, 1965; lowest, 9.95 ft (3.03 m) below NGVD, estimated, May 6, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-6.36	-6.44	-5.67	-6.30	-7.76	-8.12	-8.78	-9.91	-7.85	-7.26	-7.38	-4.05
10	-6.36	-6.70	-5.77	-6.93	-7.99	-8.28	-9.00	-9.89	-7.49	-7.24	-7.32	-3.90
15	-6.23	-6.63	-5.96	-7.17	-8.00	-8.28	-9.19	-9.78	-7.48	-7.48	-7.18	-3.66
20	-6.27	-6.47	-6.24	-7.29	-7.84	-8.32	-9.36	-9.41	-7.62	-7.55	-6.90	-3.63
25	-6.30	-6.33	-6.07	-7.32	-7.90	-8.47	-9.52	-9.23	-7.46	-7.49	-4.60	-3.26
EOM	-6.31	-6.03	-6.07	-7.58	-8.02	-8.59	-9.70	-8.70	-7.48	-7.43	-4.22	-3.09
MEAN	-6.28	-6.46	-5.95	-7.02	-7.89	-8.30	-9.18	-9.55	-7.60	-7.42	-6.36	-3.68
MAX	-6.01	-6.03	-5.67	-6.12	-7.63	-8.04	-8.62	-8.70	-7.40	-7.19	-4.22	-3.09
MIN	-6.38	-6.73	-6.26	-7.58	-8.03	-8.59	-9.70	-9.95	-8.64	-7.59	-7.44	-4.19

WTR YR 1981 MEAN -7.14 MAX -3.09 SEP 30 MIN -9.95 MAY 6

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

WELL NUMBER.--261434080071901. Local Number G 853. USGS Observaton Well at Pompano Beach, Fl.

LOCATION.--Lat 26°14'34", long 80°07'19", in NE¼NE¼ sec.35, T.48 S., R.42 E., Hydrologic Unit 03090202, in front of water plant, at Pompano Beach, Fla.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 27 ft (8 m), cased to 27 ft (8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above-land surface datum.

DATUM.--Land-surface datum is 19.14 ft (5.83 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Apr. 9-27 and May 1-6.

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 water level, 11.28 ft (3.44 m) NGVD, Oct. 1, 1968; lowest, 6.54 ft (1.99 m) below NGVD, May 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-2.76	-2.94	-1.18	-2.04	-2.77	-2.69	-3.50	-6.55	-2.08	-2.83	---	---
10	-2.77	-2.87	-1.75	-2.44	-2.96	-2.82	-4.25	-4.58	-1.81	-2.18	---	---
15	-2.37	-2.52	-1.97	-2.46	-2.69	-2.71	-5.25	-5.01	-2.41	-3.36	---	---
20	-2.44	-1.42	-2.05	-2.66	-2.61	-2.75	-5.80	-4.12	-2.39	-3.35	---	---
25	-2.48	-1.18	-1.82	-2.56	-2.64	-3.26	-6.25	-3.53	-2.62	-2.33	.20	2.36
EOM	-2.61	-1.37	-1.73	-2.96	-2.82	-3.87	-6.53	-2.70	-2.39	---	---	2.49
MEAN	-2.61	-2.15	-1.70	-2.48	-2.71	-2.97	-5.14	-4.59	-2.35	-2.87	.26	2.33
MAX	-2.29	-1.17	-1.15	-1.96	-2.34	-2.61	-3.50	-2.70	-1.77	-2.17	.41	2.74
MIN	-2.89	-2.96	-2.14	-2.96	-3.01	-3.89	-6.53	-6.62	-3.17	-3.66	.16	1.60
WTR YR 1981	MEAN	-2.79	MAX	2.74	SEP 28	MIN	-6.62	MAY 2				

WELL NUMBER.--261458080070301. Local Number G 2148. USGS Observation Well near Pompano Beach, Fl.

LOCATION.--Lat 26°14'58", long 80°07'03", in SW¼SW¼ sec.25, T.48 S., R.42 E., Hydrologic Unit 03090202, 200 ft (61 m) south of Northeast 14th Street in Pompano Beach Airport, and 500 ft (152 m) east of Northeast 5th Avenue.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 15 ft (4.6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 19.45 ft (5.93 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by municipal pumping. Water levels estimated Nov. 8-25, Nov. 30 to Dec. 22, Jan. 29 to Feb. 24, and Feb. 27 to Mar. 17.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 4.23 ft (1.29 m) NGVD, June 28, 1975; lowest, 6.87 ft (2.09 m) below NGVD, Apr. 29, 1982.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-4.01	-4.08	-2.77	-3.71	-4.11	-4.60	-5.59	-6.53	-3.55	-3.26	-2.93	.15
10	-4.35	-4.65	-3.00	-3.95	-4.30	-4.70	-5.59	-5.61	-2.90	-3.58	-3.68	.45
15	-4.10	-4.35	-3.00	-4.10	-4.15	-4.55	-6.18	-5.75	-2.79	-3.85	-3.92	.50
20	-4.25	-3.50	-3.30	-3.86	-4.15	-5.05	-5.97	-5.25	-3.63	-3.90	-1.13	.11
25	-4.45	-3.10	-3.23	-3.92	-4.25	-5.50	-6.45	-4.45	-3.63	-3.85	-0.40	1.88
EOM	-4.54	-2.85	-3.49	-4.20	-4.68	-5.95	-6.82	-3.66	-3.67	-3.61	.10	1.85
MEAN	-4.19	-3.82	-3.10	-3.83	-4.20	-4.96	-6.06	-5.36	-3.27	-3.69	-2.20	.70
MAX	-3.92	-2.72	-2.75	-3.39	-4.00	-4.50	-5.31	-3.66	-2.68	-3.25	.10	2.06
MIN	-4.66	-4.70	-3.49	-4.20	-4.68	-5.95	-6.87	-6.79	-3.80	-4.20	-3.92	-0.49
WTR YR 1981	MEAN	-3.67	MAX	2.06	SEP 27	MIN	-6.87	APR 28				

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 SW¼SW¼ sec.30, T.48 S., R.43 E., Hydrologic Unit 03090202, 200 ft (61 m) west of U.S. Highway 1, and 300 ft (91 m) 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 (15 cm), depth 16 ft (7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 9.07 ft (2.76 m) National Geodetic Vertical Datum of 1929.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 4.56 ft (1.39 m) NGVD, Sept. 22, 1981; lowest, 1.02 ft (0.31 m) below NGVD, May 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	.78	.07	.96	.65	.00	-0.08	-0.54	-1.02	.94	.26	.58	3.00
10	.63	.03	.70	.42	-0.09	-0.19	-0.66	-0.27	.60	.07	.41	3.64
15	.55	1.82	.58	.29	.11	-0.26	-0.76	-0.16	.39	-0.05	.51	2.82
20	.24	1.23	.56	.24	.48	-0.28	-0.86	.05	.09	-0.08	2.65	4.42
25	.41	1.25	.55	.27	.25	-0.29	-0.89	-0.34	.03	1.01	2.91	4.06
EOM	.12	1.27	.91	.07	.08	-0.45	-0.97	.53	-0.03	.52	3.49	3.56
MEAN	.40	.81	.83	.39	.18	-0.20	-0.75	-0.26	.35	.32	1.62	3.38
MAX	.78	1.84	1.42	.88	.83	.06	-0.47	1.01	.98	1.35	3.51	4.56
MIN	.12	.03	.55	.07	-0.09	-0.45	-0.97	-1.02	-0.03	-0.10	.34	2.56

WTR YR 1981 MEAN .59 MAX 4.56 SEP 22 MIN -1.02 MAY 5

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

LOCATION.--Lat 26°15'34", long 80°16'58", in SE¼SE¼ sec.19, T.48 S., R.41 E., Hydrologic Unit 03090202, west of Coral Springs Drive in Coral Springs, and 4.0 mi (6.4 km) 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 (15 cm), depth 22 ft (7 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 10.57 ft (3.22 m) National Geodetic Vertical Datum of 1929.

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 water level, 10.96 ft (3.34 m) NGVD, Apr. 25, 1979; lowest, 4.75 ft (1.44 m) estimated NGVD, Sept. 5, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.74	6.87	6.69	6.91	6.90	6.80	6.60	6.21	7.41	6.93	6.93	7.32
10	6.81	6.44	6.79	6.89	6.66	6.79	6.43	6.92	7.22	6.99	7.03	7.24
15	6.86	6.54	6.86	6.89	6.64	6.78	6.35	6.90	6.92	6.88	7.05	7.30
20	6.70	6.30	6.89	6.89	6.66	6.74	6.27	7.03	6.89	6.73	7.39	7.25
25	6.73	6.57	6.82	6.60	6.66	6.80	6.17	7.14	7.26	6.90	7.29	7.24
EOM	6.87	6.69	6.93	6.75	6.71	6.73	6.07	7.34	6.97	7.02	7.35	7.06
MEAN	6.76	6.53	6.82	6.85	6.80	6.77	6.35	6.88	7.20	6.91	7.24	7.22
MAX	6.87	6.87	6.93	6.95	6.96	6.80	6.69	7.44	7.65	7.09	9.39	7.86
MIN	6.62	6.00	6.66	6.60	6.63	6.73	6.07	6.09	6.69	6.68	6.92	6.91

WTR YR 1981 MEAN 6.86 MAX 9.39 AUG 18 MIN 6.00 NOV 13

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

BROWARD COUNTY

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

LOCATION.--Lat 26°16'45", long 80°06'47", in NE¼SW¼ sec.13, T.48 S., R.42 E., Hydrologic Unit 03090202, at corner of Northeast 90th Street and Dixie Highway in Pompano Beach, and 0.25 mi (0.40 km) 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 (13 cm), depth 20 ft (6.1 m), cased to 14 ft (4.3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 15.50 (4.72 m) National Geodetic Vertical Datum of 1929.

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 water level, 14.31 ft (4.36 m) NGVD, Oct. 31, 1965; lowest, 2.13 ft (0.65 m) below NGVD, April 29, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	.07	-0.41	.70	.02	-0.62	-0.87	-1.55	-2.18	-0.99	-0.58	-0.25	2.34
10	.07	-0.51	.37	-0.09	-0.74	-1.05	-1.61	-1.55	-0.88	-0.64	-0.38	2.52
15	-0.05	.22	.21	-0.26	-0.57	-1.11	-1.79	-1.72	-0.80	-1.03	.22	2.79
20	-0.05	.49	.07	-0.32	-0.49	-1.23	-1.86	-1.72	-1.00	-0.96	1.68	3.38
25	-0.11	.60	.11	-0.42	-0.52	-1.28	-2.05	-1.67	-0.67	-0.41	2.12	3.96
EOM	-0.28	.69	.25	-0.57	-0.76	-1.39	-2.15	-1.25	-0.65	-0.23	2.35	4.08
MEAN	-0.04	.08	.31	-0.22	-0.61	-1.13	-1.79	-1.71	-0.87	-0.65	.91	3.05
MAX	.15	.77	.71	.19	-0.46	-0.76	-1.45	-0.83	-0.60	.02	2.35	4.08
MIN	-0.28	-0.57	.03	-0.57	-0.76	-1.39	-2.15	-2.20	-1.29	-1.18	-0.39	2.31

WTR YR 1981 MEAN -0.22 MAX 4.08 SEP 29 AND OTHERS MIN -2.20 MAY 2 AND OTHERS

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

LOCATION.--Lat 26°17'08", long 80°09'08", in sec.15, T.48 S., R.42 E., Hydrologic Unit 03090202, 50 ft (15 m) east of Power Line Road, 0.8 mi (1.3 km) north of Sample Road, and 2.3 mi (3.7 km) 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 (10 cm), depth 14 ft (4.27 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 14.59 ft (4.45 m) National Geodetic Vertical Datum of 1929.

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 water level, 13.66 ft (4.16 m) NGVD, Apr. 25, 1979; lowest, 6.47 ft (1.97 m) NGVD, June 27, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.28	9.52	9.84	9.26	8.69	8.90	8.68	8.69	6.69	7.27	8.49	10.19
10	9.85	10.05	9.92	9.25	8.82	8.73	8.61	8.66	6.99	8.41	8.69	10.74
15	9.84	10.26	10.07	9.05	8.91	8.99	8.63	8.52	6.83	8.22	9.15	10.60
20	9.66	9.95	9.70	8.82	9.25	8.62	8.51	8.17	6.63	8.19	10.32	11.31
25	9.70	10.02	9.58	8.79	9.24	8.75	8.15	7.99	6.55	8.56	10.25	11.18
EOM	9.55	9.81	9.43	8.76	9.13	8.87	7.99	7.04	6.64	8.49	10.34	10.95
MEAN	9.92	9.91	9.76	9.07	8.93	8.86	8.50	8.26	6.73	8.08	9.51	10.67
MAX	10.65	10.26	10.07	9.45	9.25	9.11	8.86	8.96	7.05	8.76	10.81	11.31
MIN	9.55	9.44	9.43	8.76	8.66	8.62	7.99	7.04	6.47	6.67	8.29	10.12

WTR YR 1981 MEAN 9.02 MAX 11.31 SEP 20 MIN 6.47 JUN 27

BROWARD COUNTY

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

LOCATION.--Lat 26°17'10", long 80°13'50", in NW¼NW¼ sec.14, T.48, R.41 E., Hydrologic Unit 03090202, 1.2 mi (1.9 km) northeast of Coral Springs, 1.95 mi (3.13 km) west of Florida Highway 7, and 3 mi (4.8 km) south of Hillsboro Canal.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 25 ft (8 m), cased to 19 ft (6 m) gravel-packed 14-25 ft (4-8 cm).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 4.10 ft (1.25 m) above land-surface datum.

DATUM.--Land-surface datum is 12.84 ft (3.91 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Oct. 1-30 and Dec. 23 to Jan. 26.

PERIOD OF RECORD.--January 1952 to March 1980. April to September 1980 periodic. October 1980 to May 1981 (discontinued). Records of water levels prior to August 1952 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 14.05 ft (4.28 m) NGVD, June 20, 1959; lowest, 5.38 ft (1.64 m) NGVD, Apr. 24, 1979.

REVISIONS.--Revised figures of water level, in feet NGVD, for water year 1980, superseding those published in WDR FL-80-2B, are given below:

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.59	9.81	7.93	7.58	8.26	8.70					8.07	9.00
10	8.92	9.34	9.05	7.40	8.01	8.19					7.59	8.68
15	9.61	9.24	8.73	7.34	7.77	7.81					8.18	8.18
20	10.07	8.86	8.34	7.22	7.65	7.50					8.61	8.54
25	9.32	8.55	8.02	7.13	7.51	7.19					8.72	8.39
EOM	9.01	8.16	7.76	8.62	7.39	7.07					8.37	7.64
MEAN	9.48	9.04	8.31	7.54	7.85	7.78					8.22	8.46
MAX	10.38	9.81	9.05	8.68	8.52	8.80					8.80	9.00
MIN	8.73	8.16	7.76	7.11	7.39	7.03					7.49	7.64
WTR YR 1980	MEAN	8.34	MAX	10.38	OCT 17	AND OTHERS	MIN	7.03	MAR 30			

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.19	6.04	7.44	6.29	6.58	6.58	5.70	4.88				
10	6.74	5.94	6.84	6.34	6.34	6.36	5.55	5.72				
15	6.44	7.44	6.56	6.24	6.54	6.53	5.38	5.88				
20	6.19	8.36	6.61	6.29	7.34	6.07	5.25	5.75				
25	6.15	8.07	6.46	7.19	7.07	6.30	5.10	5.75				
EOM	6.18	7.73	6.34	6.74	6.84	5.86	4.98	6.87				
MEAN	6.55	7.12	6.76	6.50	6.71	6.32	5.38	5.72				
MAX	7.54	8.39	7.54	7.35	7.49	6.78	5.84	6.87				
MIN	6.09	5.91	6.34	6.24	6.33	5.86	4.98	4.87				
WTR YR 1981	MEAN	6.38	MAX	8.39	NOV 19	MIN	4.87	MAY 6				

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 NE¼SE¼ sec.7, T.48 S., R.42 E., Hydrologic Unit 03090202, at corner of Wilburn Road and Lyons Road, 1.0 mi (1.6 km) east of U.S. 441, and 7.5 mi (12.1 km) 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 (13 cm), depth 20 ft (6 m) cased to 11.5 ft (3.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.94 ft (0.91 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 14.95 ft (4.56 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Dec. 7 to Jan. 27 and Aug. 18-21.

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 water level, 15.65 ft (4.77 m) NGVD, Oct. 15, 1965; lowest, 10.22 ft (3.12 m) NGVD, Sept. 8, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	12.18	11.81	12.44	12.79	12.87	12.84	12.56	11.98	11.66	11.61	11.20	13.26
10	11.99	12.32	12.48	12.75	13.19	13.12	12.44	12.58	12.09	11.30	10.93	13.99
15	11.77	12.85	12.40	12.75	12.82	12.75	12.66	12.53	11.77	11.02	11.98	14.07
20	11.62	12.95	12.75	12.76	13.52	12.84	12.17	12.00	11.50	10.81	14.15	14.23
25	11.85	12.90	12.91	13.15	12.63	12.57	12.41	11.72	11.40	11.44	14.10	13.77
EOM	11.89	12.75	12.75	13.14	12.53	12.56	11.97	11.99	11.46	11.20	13.95	13.11
MEAN	11.91	12.54	12.62	12.85	13.11	12.90	12.43	12.15	11.69	11.24	12.66	13.75
MAX	12.24	13.30	12.93	13.16	13.89	13.25	12.90	12.68	12.09	11.68	14.40	14.23
MIN	11.60	11.76	12.35	12.70	12.48	12.43	11.97	11.67	11.32	10.72	10.93	13.11

WTR YR 1981 MEAN 12.48 MAX 14.40 AUG 18 MIN 10.72 JUL 22

WELL NUMBER.--261837080163001. Local Number G 2030. USGS Observation Well near Ft. Lauderdale, FL.

LOCATION.--Lat 26°18'36", long 80°16'30", in NE¼SW¼ sec.5, T.48 S., R.41 E., Hydrologic Unit 03090202, on Holmberg Road, 4.6 mi (7.4 km) west of U.S. Highway 441, and 16.0 mi (25.7 km) northwest of Ft. Lauderdale.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 22 ft (7 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 11.71 ft (3.57 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1980 land-surface datum was considered to be 12.00 ft (3.66 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--October 1972 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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 11.67 ft (3.56 m) NGVD, revised, Sept. 11, 1977; lowest, 6.80 ft (2.07 m) NGVD, revised, May 5, 6, 1974.

REVISIONS.--The figure of elevation, in feet NGVD, for September 30, 1980 has been revised to 8.85 ft, present datum, superseding that published in WDR FL-80-2B. Revised monthly and yearly summaries, present datum, superseding those published in WDR FL-80-2B are given below:

Month	Mean	Max	Min
January 1980	9.30	10.59	8.83
September 1980	9.72	10.40	8.85
Wtr Yr 1980	9.45	11.06 Oct. 19	7.92 May 20

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.60	8.50	9.35	8.92	9.03	8.73	8.10	7.22	8.70	9.45	8.73	11.02
10	8.42	8.28	9.01	8.91	9.00	8.55	7.91	8.24	8.98	8.95	8.44	11.26
15	8.23	9.64	8.89	8.81	9.23	8.48	7.69	8.16	8.98	8.55	9.37	10.91
20	8.07	9.81	9.09	8.88	9.93	8.40	7.58	8.09	8.48	8.36	11.42	10.51
25	8.34	9.24	9.10	9.23	9.12	8.61	7.44	8.06	8.93	8.42	11.05	9.93
EOM	8.52	9.81	8.90	9.04	8.95	8.29	7.24	8.90	9.81	8.43	11.45	9.27
MEAN	8.37	9.11	9.09	8.96	9.19	8.55	7.73	8.02	8.98	8.76	9.94	10.62
MAX	8.81	10.08	9.58	9.27	9.99	8.91	8.24	8.90	9.81	9.62	11.64	11.31
MIN	8.03	8.28	8.88	8.80	8.95	8.29	7.24	7.19	8.48	8.16	8.39	9.27

WTR YR 1981 MEAN 8.94 MAX 11.64 AUG 18 MIN 7.19 MAY 6

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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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 NE¼NW¼ sec.1, T.48 S., R.42 E., Hydrologic Unit 03090202, on south side of State Road 810 at Deerfield Beach, and 0.9 mi (1.4 km) 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 (15 cm), depth 90 ft (27 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 9.71 ft (2.96 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Dec. 23 to Jan. 26.

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 water level, 13.02 ft (3.96 m) NGVD, Oct. 31, 1965; lowest 0.42 ft (0.13 m) below NGVD, May 1, 5, 6, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.35	.87	1.57	1.20	.65	.56	.15	-0.42	.25	.62	.87	2.97
10	1.39	.74	1.37	1.05	.61	.50	.05	-0.04	.39	.42	.77	2.87
15	1.34	1.95	1.20	.90	.74	.40	-0.05	-0.06	.43	.31	1.05	3.08
20	1.21	1.85	1.15	.82	.83	.34	-0.16	-0.10	.28	.29	2.60	3.92
25	1.22	1.67	1.20	.76	.85	.31	-0.25	-0.03	.41	.72	2.86	4.40
EOM	1.04	1.67	1.35	.70	.72	.25	-0.41	.22	.49	.78	3.04	4.19
MEAN	1.27	1.33	1.33	.94	.72	.42	-0.07	-0.10	.36	.50	1.76	3.48
MAX	1.45	2.02	1.68	1.31	.90	.66	.24	.22	.49	.82	3.04	4.40
MIN	1.04	.65	1.10	.70	.60	.25	-0.41	-0.42	.22	.24	.77	2.86

WTR YR 1981 MEAN .99 MAX 4.40 SEP 24 AND OTHERS MIN -0.42 MAY 1 AND OTHERS

WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 5
COLLIER COUNTY

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6	260640081204301	44
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9	261124081470101	46
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18	262859081273001	51
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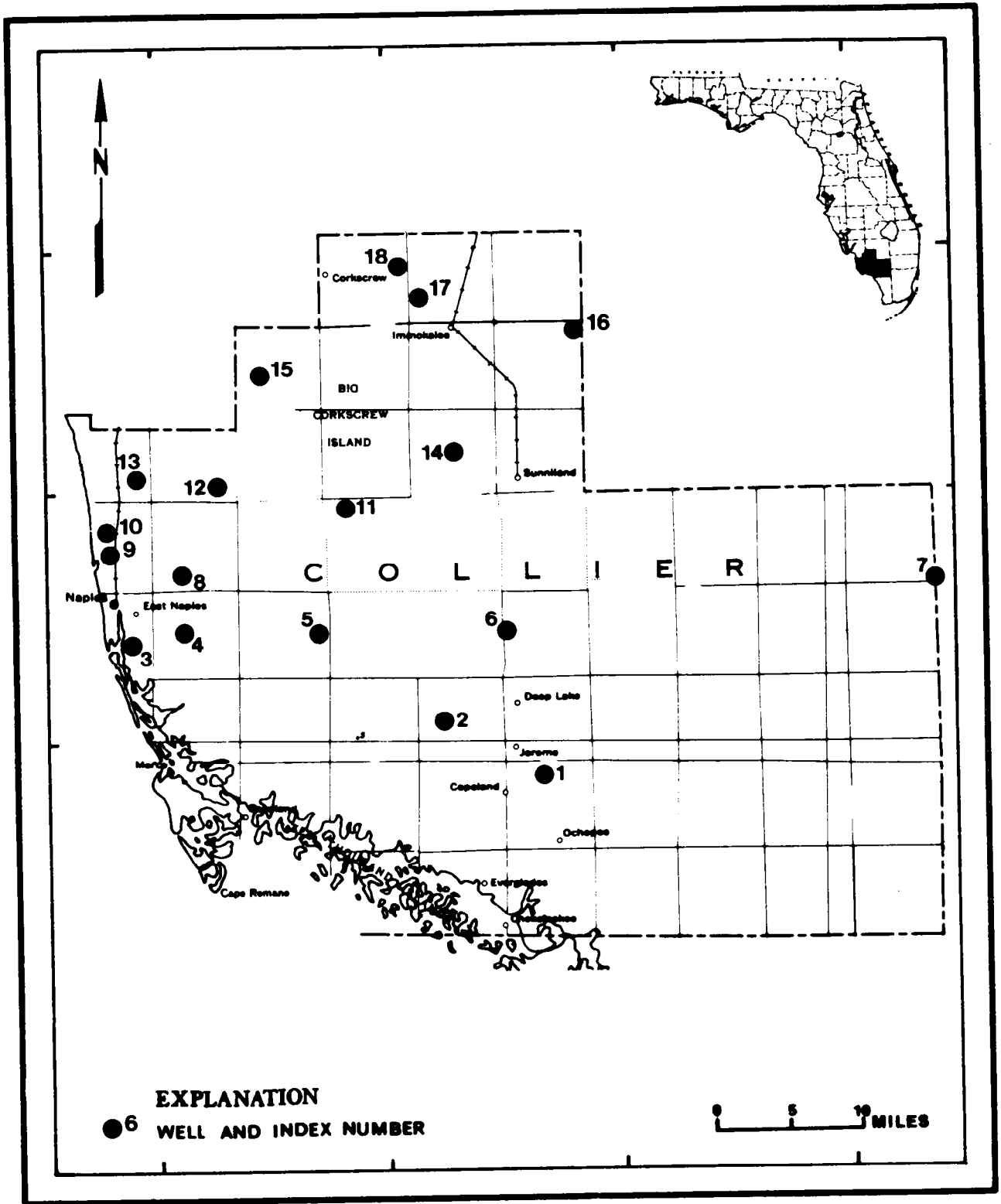


Figure 5. Location of wells in Collier County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--255748081181801. Local Number C 495. USGS Observation Well near Copeland, Fl.

LOCATION.--Lat 25°57'53", long 81°18'43", in NE¼NE¼ sec.9, T.52 S., R.30 E., Hydrologic Unit 03090204, 0.75 mi (1.21 km) north of Copeland, 2.6 mi (4.2 km) east of Highway 29, and 4.4 mi (7.1 km) north of Ochopee.

AQUIFER.--Limestone of Tamiami formation of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 57.6 ft (17.6 m), cased to 8 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.50 ft (0.11 m) above land-surface datum.

DATUM.--Land-surface datum is 6.58 ft (2.01 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 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 water level, 6.73 ft (2.05 m) NGVD, Sept. 3, 4, 1973; lowest, 1.09 ft NGVD, June 11-13, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.18	4.33	4.54	3.90	3.57	3.82	3.21	2.31	1.71	4.15	5.83	6.64
10	5.85	4.16	4.32	3.77	4.00	3.81	3.03	2.19	1.83	4.23	6.15	6.47
15	5.54	5.00	4.12	3.62	3.74	3.59	2.86	2.07	1.87	4.27	6.18	6.38
20	5.21	4.97	4.42	3.51	4.78	3.88	2.72	1.98	1.76	4.26	6.41	6.15
25	4.87	4.91	4.44	3.91	4.29	3.80	2.58	1.87	2.09	5.20	6.63	6.11
EOM	4.55	4.82	4.08	3.66	4.07	3.42	2.41	1.78	4.29	5.52	6.59	5.90
MEAN	5.45	4.67	4.39	3.75	3.99	3.70	2.87	2.07	2.21	4.52	6.19	6.33
MAX	6.23	5.20	4.74	4.04	4.78	4.02	3.38	2.38	4.30	5.62	6.65	6.67
MIN	4.55	4.16	4.08	3.49	3.49	3.42	2.41	1.78	1.71	3.95	5.46	5.90

WTR YR 1981 MEAN 4.18 MAX 6.67 SEP 3 AND OTHERS MIN 1.71 JUN 5 AND OTHERS

WELL NUMBER.--260111081243901. Local Number C 496. USGS Observation Well near Copeland, Fl.

LOCATION.--Lat 26°00'23", long 81°24'39", in NE¼NE¼ sec.28, T.51 S., R.29 E., Hydrologic Unit 03090204, on Janes Scenic Drive 7.1 mi (11.4 km) northwest of Copeland, and 6.4 mi (10.3 km) northwest of fire lookout tower.

AQUIFER.--Tamiami limestone formation of Miocene Age, Geologic Unit 112 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 35.1 ft (10.7 m), cased to 8 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.80 ft (1.16 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 10.82 ft (3.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1971 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 water level, 7.71 ft (2.35 m) NGVD, Sept. 10, 11, 1981; lowest, 0.95 ft (0.29 m) NGVD May 14, 15, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.74	6.52	6.78	6.61	6.27	6.41	4.71	3.12	2.38	2.05	3.29	7.54
10	6.70	6.85	6.72	6.57	6.39	6.27	4.33	2.93	2.29	2.25	5.33	7.71
15	6.67	6.79	6.68	6.50	6.30	6.04	4.00	2.72	2.07	2.67	6.13	7.45
20	6.68	6.88	6.77	6.44	6.51	5.62	3.74	2.52	1.93	2.70	6.75	7.24
25	6.67	6.83	6.72	6.49	6.52	5.81	3.50	2.34	1.97	2.75	7.12	7.28
EOM	6.74	6.83	6.67	6.36	6.48	5.17	3.29	2.18	2.12	2.86	7.48	7.18
MEAN	6.70	6.75	6.74	6.51	6.39	5.98	4.05	2.69	2.12	2.50	5.62	7.43
MAX	6.76	6.94	6.82	6.66	6.52	6.47	5.08	3.24	2.39	2.86	7.48	7.71
MIN	6.65	6.40	6.67	6.36	6.22	5.17	3.29	2.18	1.93	2.05	2.86	7.18

WTR YR 1981 MEAN 5.28 MAX 7.71 SEP 10 AND OTHERS MIN 1.93 JUN 20 AND OTHERS

COLLIER COUNTY

WELL NUMBER.--260549081441901. Local Number C 600. USGS Observation Well near Belle Meade, Fl.

LOCATION.--Lat 26°05'49", long 81°44'19", in NW¼SE¼ sec.19, T.50 S., R.26 E., Hydrologic Unit 03090204, on Highway U.S. 41, 5.0 mi (8.0 km) southeast of Naples, and 4.2 mi (6.6 km) northwest of Belle Meade.

AQUIFER.--Tamiami limestone aquifer of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 52 ft (15.8 m), cased to 48 ft (15.6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.24 ft (0.99 m) above land-surface datum.

DATUM.--Land-surface datum is 5.39 ft (1.64 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 5.35 ft (1.63 m) NGVD, Aug. 26, 1981; lowest, 1.85 ft (0.56 m) NGVD, May 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.94	3.08	3.43	2.60	2.78	3.39	2.81	2.31	2.79	2.65	4.19	4.67
10	3.59	3.02	3.26	2.39	3.14	3.37	2.73	2.12	2.63	2.26	3.70	4.13
15	3.35	3.67	3.09	2.71	2.98	3.20	2.58	2.00	2.49	3.50	3.56	3.91
20	3.60	3.56	3.27	2.67	4.44	2.84	2.51	1.94	2.65	3.14	4.62	3.91
25	3.34	3.31	3.08	2.82	3.68	3.20	2.38	1.90	3.15	3.63	5.31	4.06
EOM	3.21	3.71	3.00	2.73	3.53	2.98	2.56	2.41	3.07	3.75	4.62	3.75
MEAN	3.56	3.36	3.22	2.65	3.31	3.19	2.64	2.17	2.73	3.13	4.29	4.24
MAX	4.22	3.91	3.61	2.85	4.99	3.49	2.93	2.55	3.21	3.86	5.35	5.06
MIN	3.19	2.61	2.59	2.25	2.42	2.76	2.38	1.85	2.42	2.26	3.56	3.75

WTR YR 1981 MEAN 3.21 MAX 5.35 AUG 26 MIN 1.85 MAY 23

WELL NUMBER.--260630081411401. Local Number C 599. USGS Observation Well near Naples, Fl.

LOCATION.--Lat 26°06'30", long 81°41'14", in NE¼NE¼ sec.22, T.50 S., R.26 E., Hydrologic Unit 03090204, 4.3 mi (6.9 km) north of Belle Meade, and 7.6 mi (12.2 km) east of Naples.

AQUIFER.--Tamiami limestone aquifer of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 50 ft (15.2 m), cased to 40 ft (12.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.97 ft (0.90 m) above land-surface datum.

DATUM.--Land-surface datum is 8.81 ft (2.69 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 9.53 ft (2.90 m) NGVD, Aug. 25, 1981; lowest, 4.76 ft (1.45 m) NGVD, May 24, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	8.07	7.12	8.05	6.95	6.51	7.11	6.10	5.28	6.32	6.20	7.35	9.41
10	7.78	6.92	7.70	6.81	7.01	6.87	5.90	5.11	6.44	5.92	7.16	9.14
15	7.55	7.97	7.45	6.66	6.76	6.67	5.72	4.95	5.81	7.35	7.61	8.78
20	7.82	8.24	7.63	6.55	8.34	6.49	5.57	4.84	5.67	6.48	8.89	8.80
25	7.65	7.86	7.34	6.73	7.60	6.67	5.41	4.77	6.98	7.31	9.53	8.84
EOM	7.38	8.61	7.12	6.46	7.37	6.29	5.57	5.45	7.07	7.18	9.25	8.40
MEAN	7.78	7.73	7.68	6.72	7.14	6.75	5.77	5.12	6.28	6.71	8.15	9.00
MAX	8.45	8.84	8.48	7.08	8.66	7.32	6.25	5.57	7.43	7.48	9.53	9.50
MIN	7.38	6.92	7.12	6.46	6.41	6.29	5.41	4.76	5.37	5.86	6.98	8.40

WTR YR 1981 MEAN 7.07 MAX 9.53 AUG 25 MIN 4.76 MAY 24

COLLIER COUNTY

WELL NUMBER.--260632081324702. Local Number C 690. USGS Observation Well near Naples, Fl.

LOCATION.--Lat 26°06'29", long 81°32'35", in NE¼NE¼ sec.19, T.50 S., R.28 E., Hydrologic Unit 03090204, 3.0 mi (4.8 km) south of Alligator Alley on Everglades Boulevard, 8.5 mi (13.7 km) northeast of Royal Palm Hammock, and 15.7 mi (25.3 km) east of Naples.

AQUIFER.--Tamiami limestone aquifer of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 45 ft (14 m), cased to 45 ft (14 m).

INSTRUMENTATION.--Water level recorder. Measuring point: Top of casing, 2.82 ft (0.86 m) above land-surface datum.

DATUM.--Land-surface datum is 8.64 ft (2.63 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 9.49 ft (2.89 m) NGVD, Sept. 8, 1981; lowest, 3.59 ft (1.09 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.76	6.50	5.50	5.20	5.00	5.63	4.85	4.12	3.90	6.67	7.94	9.26
10	7.60	6.43	5.37	5.15	6.40	5.43	4.73	4.00	3.88	7.06	8.52	9.35
15	7.40	6.25	5.27	5.13	6.75	5.28	4.60	3.83	3.80	6.19	9.14	8.83
20	7.27	5.74	5.30	5.08	6.40	5.16	4.53	3.72	3.78	7.20	9.36	9.10
25	7.01	5.58	5.26	5.09	6.17	5.07	4.38	3.62	4.79	6.40	9.06	8.85
EOM	6.71	5.59	5.27	5.04	5.90	4.99	4.27	3.86	6.75	6.16	9.12	9.15
MEAN	7.35	6.08	5.35	5.12	6.01	5.31	4.61	3.88	4.38	6.63	8.68	9.11
MAX	7.80	6.67	5.60	5.24	6.90	5.83	4.96	4.24	7.33	7.30	9.38	9.49
MIN	6.71	5.52	5.23	5.04	4.96	4.99	4.27	3.59	3.74	6.16	6.21	8.67

WTR YR 1981 MEAN 6.04 MAX 9.49 SEP 8 MIN 3.59 MAY 26

WELL NUMBER.--260640081204301. Local Number C 296. USGS Observation Well near Copeland, Fl.

LOCATION.--Lat 26°06'40", long 81°20'43" (corrected), in SE¼SE¼ sec.18, T.50 S., R.30 E., Hydrologic Unit 03090204, on Highway 29, 3 mi (5 km) south of Alligator Alley, and 10.8 mi (17.4 km) north of Copeland.

AQUIFER.--Limestone of Tamiami formation of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm) (corrected), depth 45 ft (14 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 4.06 ft (1.24 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 14.10 ft (4.30 m) National Geodetic Vertical Datum of 1929. (Corrected).

REMARKS.--Water levels estimated May 21 to June 24.

PERIOD OF RECORD.--June 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 water level, 14.06 ft (4.29 m) NGVD, Sept. 12, 1960, lowest, 6.19 ft (1.89 m) NGVD, June 4, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.01	8.91	9.46	8.93	8.38	9.04	7.92	7.26	7.70	7.27	9.61	12.31
10	10.48	8.67	9.18	8.85	8.66	8.64	7.77	7.14	7.75	7.18	10.98	12.15
15	9.95	9.38	8.96	8.67	9.00	8.42	7.62	7.02	7.25	7.24	11.09	12.01
20	9.56	10.20	9.53	8.56	8.87	8.25	7.51	6.91	7.00	7.38	12.12	11.96
25	9.62	10.02	9.28	8.64	10.13	8.29	7.40	6.75	6.81	8.29	12.46	11.98
EOM	9.18	9.82	9.03	8.48	9.46	8.11	7.38	6.85	7.13	9.14	12.45	11.81
MEAN	10.06	9.45	9.33	8.71	9.12	8.54	7.65	7.04	7.28	7.59	11.14	12.08
MAX	11.04	10.27	9.73	9.00	10.72	9.37	8.06	7.34	8.00	9.14	12.52	12.39
MIN	9.18	8.67	8.96	8.48	8.32	8.11	7.38	6.75	6.55	7.11	9.22	11.81

WTR YR 1981 MEAN 9.00 MAX 12.52 AUG 28 AND OTHERS MIN 6.55 JUN 24

COLLIER COUNTY

WELL NUMBER.--26100080520001. Local Number C 54. USGS Observation Well near Big Cypress Indian Reservation, Fl.

LOCATION.--Lat 26°10'19", long 80°53'02", sec.1, T.50 S., R.34 E., Hydrologic Unit 03090202, on State Highway 84, 0.3 mi (0.5 km) west of Broward-Collier Line, 2.4 mi (3.9 km) west of pump station 140, and 6.0 mi (9.6 km) south of Big Cypress Indian reservation.

AQUIFER.--Sandstone and sand of Pleistocene Age, Geologic Unit 112 PLSC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm) depth 9 ft, (3 m), cased to 8 ft (2 m), gravel packed 8-9 ft (2-3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 12.86 ft (3.92 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Dec. 16 to Jan. 27.

PERIOD OF RECORD.--February 1951 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 13.81 ft (4.21 m) NGVD, Oct. 9, 1953; lowest, 7.81 ft (2.38 m) NGVD, June 13, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.42	10.23	10.66	9.95	10.30	10.97	9.88	8.64	7.94	9.87	10.55	12.40
10	10.28	10.12	10.50	9.81	10.50	10.67	9.62	8.47	7.94	10.70	11.48	12.77
15	10.10	11.02	10.36	9.70	10.42	10.46	9.37	8.34	8.00	10.18	11.10	12.59
20	10.14	10.97	10.65	9.60	12.18	10.13	9.21	8.18	7.93	9.83	12.71	12.16
25	10.45	10.95	10.35	10.50	11.34	10.56	9.08	8.02	10.17	10.24	12.21	12.14
EOM	10.44	10.89	10.16	10.22	11.20	10.10	8.82	7.91	9.87	10.89	12.87	12.67
MEAN	10.30	10.71	10.52	9.94	10.84	10.55	9.42	8.31	8.58	10.26	11.66	12.42
MAX	10.67	11.77	10.82	10.50	12.62	11.15	10.05	8.79	10.48	11.52	12.99	12.81
MIN	10.06	10.11	10.16	9.60	10.16	10.06	8.82	7.91	7.92	9.70	10.27	11.95

WTR YR 1981 MEAN 10.29 MAX 12.99 AUG 18 MIN 7.91 MAY 31

WELL NUMBER.--261010081411401. Local Number C 382A. USGS Observation Well at Naples, Fl.

LOCATION.--Lat 26°10'10", long 81°41'14", in SEkSEk sec.27, T.49 S., R.26 E., Hydrologic Unit 03090204, on State Highway 951, 1.0 mi (1.6 km) north of Alligator Alley, and 5.75 mi (9.25 km) northeast of Courthouse in East Naples.

AQUIFER.--Limestone of Tamiami formation of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5.75 in (14.60 cm), depth 54.4 ft (16.6 m), cased to 10.3 ft (3.1 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 1.78 ft (0.55 m) above land-surface datum.

DATUM.--Land-surface datum is 12.29 ft (3.75 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1963 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 water level, 10.93 ft (3.33 m) NGVD, Sept. 15, 1971; lowest, 4.15 ft (1.26 m) NGVD, June 3, 1964.

REVISIONS.--Revised figures of elevation, in feet NGVD, superseding those published in WDR FL-80-2B are given below:

Aug. 25.....	7.85	Aug. 31.....	7.88	Sept. 5.....	8.20	Sept. 10.....	8.00
Sept. 15.....	7.70	Sept. 20.....	7.50	Sept. 26.....	7.26	Sept. 30.....	7.10
Month	Mean	Max	Min				
August 1980	7.00	7.89	6.20				
September 1980	7.69	8.25	7.10				
Wtr Yr 1980	6.17	8.39 Oct. 1	4.89 May 26				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.85	6.10	6.55	5.57	5.31	5.80	5.38	4.92	5.68	7.30	7.62	8.70
10	6.65	6.20	6.19	5.50	5.62	5.66	5.29	4.88	6.27	6.98	7.21	8.37
15	6.50	6.38	5.97	5.40	5.58	5.57	5.19	4.81	5.97	8.03	7.62	7.93
20	6.70	6.80	5.96	5.30	6.78	5.47	5.13	4.74	5.84	7.31	9.23	7.70
25	6.55	6.45	5.84	5.43	6.23	5.51	5.05	4.72	7.76	7.43	8.65	7.57
EOM	6.30	6.87	5.69	5.29	5.99	5.38	5.02	4.97	8.25	6.99	8.25	7.23
MEAN	6.64	6.40	6.10	5.43	5.81	5.60	5.21	4.84	6.41	7.43	7.93	8.03
MAX	7.00	6.93	6.81	5.67	6.78	5.94	5.46	5.00	8.63	8.19	9.23	8.71
MIN	6.30	5.85	5.69	5.26	5.27	5.38	5.02	4.71	5.03	6.96	6.93	7.23

WTR YR 1981 MEAN 6.32 MAX 9.23 AUG 20 MIN 4.71 MAY 24

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

COLLIER COUNTY

WELL NUMBER.--261124081470101. Local Number C 392. USGS Observation Well at East Naples, Fl.

LOCATION.--Lat 26°11'24", long 81°47'31", in SW¼NE¼ sec.22, T.49 S., R.25 E., Hydrologic Unit 03090204, on State Highway 851, 1.4 mi (2.3 km) south of State Highway 31, and 4.7 mi (7.6 km) northeast of courthouse in East Naples, Fl.

AQUIFER.--Tamiami limestone formation of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in (20 cm), depth 23.1 ft (7.0 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 0.02 ft (0.01 m) below land-surface datum. (Corrected).

DATUM.--Land-surface datum is 10.00 ft (3.05 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated June 26 to July 28.

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 water level, 9.31 ft (2.84 m) NGVD, Sept. 2, 3, 1977; lowest, 3.00 ft (0.91 m) NGVD, May 24, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.90	6.55	6.70	6.11	6.12	6.57	6.13	5.41	6.31	6.20	7.30	8.03
10	7.46	6.43	6.45	6.05	6.63	6.44	5.97	5.32	6.10	5.90	6.91	7.57
15	7.22	7.11	6.33	5.94	6.44	6.28	5.84	5.20	5.77	5.86	6.56	7.68
20	7.36	6.85	6.60	5.98	7.31	6.16	5.77	5.10	6.07	5.75	7.95	7.40
25	7.00	6.62	6.39	6.11	6.91	6.71	5.67	5.05	6.35	6.05	8.30	7.63
EOM	6.72	6.98	6.18	5.96	6.75	6.40	5.52	5.23	6.10	6.76	8.11	7.28
MEAN	7.34	6.74	6.51	6.04	6.61	6.49	5.87	5.26	6.02	6.06	7.39	7.83
MAX	8.28	7.11	6.93	6.18	7.44	6.90	6.36	5.51	6.36	6.77	8.56	8.79
MIN	6.72	6.43	6.18	5.94	5.94	6.13	5.52	5.05	5.19	5.73	6.52	7.26

WTR YR 1981 MEAN 6.51 MAX 8.79 SEP 1 MIN 5.05 MAY 25

WELL NUMBER.--261124081470301. Local Number C 391. USGS Observation Well near East Naples, Fl.

LOCATION.--Lat 26°11'24", long 81°47'33", in SE¼NW¼ sec.22, T.49 S., R.25 E., Hydrologic Unit 03090204, on State Highway 851, 1.4 mi (2.3 km) south of State Highway 31, and 4.7 mi (7.6 km) northeast of East Naples. (Revised).

AQUIFER.--Tamiami formation of Miocene Age, Geologic Unit 112 TMIM.

WELL CHARACTERISTICS.--Drilled, observation, shallow artesian aquifer well diameter 4 in (10 cm), depth 75 ft (23 m), cased to 70 ft (21 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 1.75 ft (0.53 m) above land-surface datum.

DATUM.--Land-surface datum is 9.38 ft (2.86 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Jan. 28 to Feb. 23, May 8 to July 20, and Sept. 10-27.

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 water level, 7.52 ft (2.29 m) NGVD, Aug. 20, 1966; lowest, 6.21 ft (1.89 m) below NGVD, May 5, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.26	1.14	3.32	2.44	2.20	2.46	2.10	.55	1.40	-0.10	4.71	5.48
10	5.12	2.60	3.69	2.69	3.10	3.23	1.73	2.90	1.10	-0.18	4.49	4.00
15	3.86	3.91	3.11	-0.05	3.50	3.33	.54	2.85	.75	-0.21	5.26	4.80
20	4.00	4.20	2.60	2.21	3.90	1.82	2.03	2.70	.55	1.00	6.23	5.00
25	2.80	4.12	3.93	2.71	4.07	3.67	1.46	2.20	.31	4.00	6.30	3.50
EOM	2.90	4.57	2.71	1.31	3.07	2.42	1.80	1.78	.10	2.89	6.16	4.43
MEAN	4.13	3.45	3.36	1.81	3.15	2.95	1.50	2.28	.81	1.22	5.31	4.72
MAX	6.47	4.72	4.62	2.71	4.07	3.99	2.58	2.93	1.69	4.29	6.76	6.24
MIN	2.15	1.14	2.27	-0.05	1.35	1.82	.02	.55	.10	-0.21	3.16	2.85

WTR YR 1981 MEAN 2.89 MAX 6.76 AUG 29 MIN -0.21 JUL 14 AND OTHERS

COLLIER COUNTY

WELL NUMBER.--261302081473901. Local Number C 489. USGS Observation Well near Naples, Fl.

LOCATION.--Lat 26°13'30", long 81°47'33" (corrected), in NW¼SE¼ sec. 10, T.49 S., R.25 E., Hydrologic Unit 03090204, 0.5 mi (0.8 km) east of U.S. Highway 41, 1.0 mi (1.6 km) north of State Highway 31, and 5.5 mi (8.8 km) north of Naples.

AQUIFER.--Tamiame limestone formation of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in (20 cm), depth 83 ft (25 m), cased to 63 ft (19 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.50 ft (1.07 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 15.20 ft (4.63 m) National Geodetic Vertical Datum of 1929.

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 water level, 11.20 ft (3.41 m) NGVD, Sept. 24, 1970; lowest, 4.47 ft (1.36 m) below NGVD, Apr. 30, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.68	5.56	6.28	5.28	5.42	4.78	2.91	2.41	3.95	2.12	5.76	6.10
10	8.60	5.50	6.37	5.40	6.48	5.55	3.51	3.15	3.14	3.12	5.18	7.48
15	6.52	7.05	5.84	5.30	5.28	5.40	2.99	2.09	3.58	4.53	3.40	6.74
20	8.24	6.56	6.52	4.86	6.78	5.31	1.23	2.75	2.56	2.02	6.92	6.45
25	6.89	6.78	6.48	6.18	4.99	5.43	3.36	3.19	3.55	4.89	5.86	4.72
EOM	6.46	7.68	5.65	3.53	4.31	4.08	2.98	3.31	4.10	2.71	6.66	4.66
MEAN	7.44	6.44	6.38	5.24	5.45	5.03	3.11	3.16	2.97	3.00	5.58	5.85
MAX	9.83	7.82	7.53	6.18	6.78	6.06	4.38	4.53	4.30	4.89	8.13	7.86
MIN	5.15	5.05	5.65	3.53	3.32	2.99	1.23	1.75	-0.18	.70	2.20	3.78

WTR YR 1981 MEAN 4.97 MAX 9.83 OCT 4 MIN -0.18 JUN 13

WELL NUMBER.--261417081305402. Local Number C 598. USGS Observation Well near Naples, Fl.

LOCATION.--Lat 26°14'16", long 81°30'54", in NE¼SE¼ sec.4, T.49 S., R.28 E., Hydrologic Unit 03090204, at Desoto Boulevard and northeast 4th Avenue, 5.8 mi (9.3 km) north of Alligator Alley, and 18.6 mi (29.9 km) east of Naples.

AQUIFER.--Tamiame limestone aquifer of Miocene Age, Geologic Unit 112 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 36.6 ft (11.2 m), cased to 32.5 ft (9.9 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.18 ft (0.97 m) above land-surface datum.

DATUM.--Land-surface datum is 13.36 ft (4.07 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1980 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 14.26 ft (4.35 m) NGVD, Sept. 7, 1981; lowest, 7.39 ft (2.25 m) NGVD, June 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.21	10.95	11.28	10.15	9.42	9.74	8.86	7.88	7.39	10.57	11.92	14.04
10	12.64	10.78	10.92	9.88	9.90	9.53	8.67	7.76	7.62	10.51	11.43	14.15
15	12.12	11.44	10.66	9.67	9.92	9.39	8.45	7.68	8.62	11.12	12.63	13.98
20	11.82	11.60	10.79	9.61	10.27	9.15	8.32	7.55	8.66	10.71	13.62	13.98
25	11.54	11.22	10.60	9.71	10.16	9.27	8.18	7.47	10.01	11.40	14.04	13.77
EOM	11.24	11.67	10.30	9.41	9.95	9.06	8.02	7.44	11.04	11.38	14.07	13.63
MEAN	12.22	11.25	10.84	9.78	9.86	9.41	8.49	7.66	8.64	11.01	12.83	13.99
MAX	13.35	11.74	11.60	10.27	10.34	9.91	9.00	7.98	11.06	11.73	14.07	14.26
MIN	11.24	10.74	10.30	9.41	9.37	9.06	8.02	7.44	7.39	10.39	11.29	13.63

WTR YR 1981 MEAN 10.50 MAX 14.26 SEP 7 MIN 7.39 JUN 5

COLLIER COUNTY

WELL NUMBER.--261537081390201. Local Number C 383. USGS Observation Well near Naples Park, Fl.

LOCATION.--Lat 26°15'32", long 81°41'22", in SE¼SE¼ sec.27, T.48 S., R.26 E., Hydrologic Unit 03090204, on State Highway 951, 1.0 mi (1.6 km) south of State Highway 846, 7.1 mi (11.4 km) north of Alligator Alley, and 7.0 mi (11 km) east of Naples Park.

AQUIFER.--Limestone of Tamiami formation of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5.75 in (14.60 cm), depth 14.1 ft (4.3 m), cased to 9.7 ft (3.0 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.30 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 13.82ft (4.21 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated July 30 to Aug. 25.

PERIOD OF RECORD.--July 1963 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 water level, 14.14 ft (4.31 m) NGVD, Oct. 3, 1969; lowest, 5.96 ft (1.82 m) NGVD, May 16, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.50	11.24	10.32	9.20	8.31	8.67	7.76	6.80	10.41	11.40	12.40	12.97
10	10.95	11.03	10.08	9.11	8.85	8.44	7.55	6.71	10.75	11.56	12.35	12.80
15	10.60	11.53	9.84	9.11	8.71	8.23	7.36	6.58	10.37	12.06	12.75	12.37
20	10.33	11.00	9.93	8.75	9.26	8.06	7.24	6.45	11.32	11.20	12.90	12.49
25	10.16	10.32	9.68	8.60	9.03	8.18	7.09	6.36	11.64	11.50	13.01	11.90
EOM	10.30	10.52	9.45	8.35	8.84	7.89	6.95	8.99	12.01	11.85	12.97	11.59
MEAN	10.76	10.94	9.94	8.91	8.77	8.30	7.39	6.92	10.88	11.58	12.66	12.44
MAX	12.00	11.55	10.42	9.40	9.28	8.81	7.86	8.99	12.33	12.15	13.07	13.04
MIN	10.16	10.18	9.45	8.35	8.29	7.89	6.95	6.36	9.26	11.05	11.98	11.59

WTR YR 1981 MEAN 9.96 MAX 13.07 AUG 28 MIN 6.36 MAY 25

WELL NUMBER.--261620081450701. Local Number C 384. USGS Observation Well near East Naples, Fl.

LOCATION.--Lat 26°16'20", long 81°45'05", in NW¼NW¼ sec.30, T.48 S., R.26 E., Hydrologic Unit 03090204, on State Highway 846, 3.1 mi (5.0 km) from U.S. Highway 41, and 10 mi (16 km) northeast of courthouse in East Naples. (Revised).

AQUIFER.--Tamiami limestone formation of Miocen Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 5.75 in (14.60 cm), depth 57.7 ft (17.6 m), cased to 9.7 ft (3.0 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.30 ft (0.70 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 12.80 ft (3.90 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1963 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 water level, 12.49 ft (3.81 m) NGVD, July 6, 1974; lowest, 5.41 ft (1.65 m) NGVD, May 15-16, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.78	7.37	7.20	6.61	6.30	6.45	6.18	5.79	6.57	7.54	10.73	11.14
10	8.65	7.17	6.98	6.56	6.64	6.35	6.17	5.81	6.88	7.47	9.37	10.47
15	7.78	7.44	6.85	6.48	6.50	6.28	6.12	5.77	6.92	8.10	9.36	9.94
20	7.36	7.61	6.89	6.43	6.63	6.36	6.00	5.72	6.97	8.55	11.97	9.78
25	6.98	7.26	6.79	6.45	6.56	6.51	5.91	5.72	7.30	9.37	11.62	9.16
EOM	7.63	7.58	6.68	6.33	6.50	6.21	5.85	6.17	7.66	9.14	11.04	8.52
MEAN	8.12	7.39	6.95	6.49	6.51	6.37	6.07	5.83	6.96	8.39	10.50	10.08
MAX	10.27	7.67	7.50	6.66	6.64	6.52	6.20	6.17	7.66	9.83	12.02	11.58
MIN	6.85	7.09	6.68	6.33	6.28	6.21	5.85	5.72	6.23	7.43	8.87	8.52

WTR YR 1981 MEAN 7.48 MAX 12.02 AUG 21 MIN 5.72 MAY 20 AND OTHERS

COLLIER COUNTY

WELL NUMBER.--261741081235401. Local Number C 503. USGS Observation Well near Sunniland, Fl.

LOCATION.--Lat 26°17'41", long 81°23'54", in NW¼NW¼ sec.23, T.48 S., R.29 E., Hydrologic Unit 03090204, on State Highway 858, 3.4 mi (5.5 km) west of State Highway 29, and 4.0 mi (6.4 km) northwest of Sunniland.

AQUIFER.--Tamiami limestone aquifer of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20.4 ft (6.2 m), cased to 8 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.49 ft (0.11 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 17.47 ft (5.32 m) National Geodetic Vertical Datum of 1929. Prior to October 1979, land-surface was considered to be 18.80 ft (5.73 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--January 1972 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 1979, are in error. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 17.88 ft (5.45 m) NGVD, Aug. 25, 1981; lowest, 11.62 ft (3.54 m) NGVD, present datum, May 2, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.21	14.56	15.43	14.73	14.33	14.56	13.56	12.23	12.29	13.80	16.05	16.85
10	15.80	14.53	15.37	14.49	14.77	14.26	13.26	12.20	12.42	13.73	16.09	16.70
15	15.70	14.83	14.97	14.23	14.90	13.99	13.00	12.19	12.83	13.92	15.99	16.52
20	15.30	15.09	15.25	14.05	15.07	13.84	12.93	12.09	12.88	14.18	16.82	16.20
25	14.98	15.10	15.27	14.01	15.03	14.09	12.64	12.08	13.31	14.84	17.88	15.95
EOM	14.72	15.42	14.96	14.07	14.89	13.89	12.38	12.27	13.79	15.81	17.08	15.64
MEAN	15.51	14.87	15.26	14.31	14.75	14.17	13.06	12.18	12.84	14.29	16.54	16.41
MAX	16.21	15.42	15.48	14.91	15.07	14.77	13.82	12.32	13.79	15.82	17.88	17.07
MIN	14.72	14.47	14.96	13.97	14.03	13.81	12.38	12.07	12.28	13.73	15.79	15.64

WTR YR 1981 MEAN 14.52 MAX 17.88 AUG 25 MIN 12.07 MAY 22 AND OTHERS

WELL NUMBER.--262228081361901. Local Number C 492. USGS Observation Well near Immokalee, Fl.

LOCATION.--Lat 26°22'23", long 81°36'20", in SE¼NW¼ sec.22, T.47 S., R.27 E., Hydrologic Unit 03090204, 12 mi (19 km) southwest of Immokalee, and 15 mi (24 km) northeast of East Naples. (Revised).

AQUIFER.--Tamiami limestone formation of Miocene Age, Geologic Unit 122 TMIMN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 26 ft (7.9 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 4.00 ft (1.22 m) above land-surface datum.

DATUM.--Land-surface datum is about 17.50 ft (5.33 m) National Geodetic Vertical Datum of 1929.

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 water level, 18.54 ft (5.65 m) NGVD, Oct. 8, 1974; lowest, 13.55 ft (4.13 m) NGVD, May 9, 14, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.79	16.58	17.26	16.63	16.60	16.49	15.60	14.24	17.75	15.84	17.58	17.72
10	17.44	16.60	17.06	16.54	17.00	16.20	15.37	14.10	17.20	17.34	17.65	17.94
15	17.17	17.33	16.91	16.47	16.75	16.06	15.10	13.91	16.70	16.95	17.80	17.63
20	16.98	17.43	17.00	16.41	17.13	15.94	14.89	13.79	17.40	16.52	17.99	17.79
25	16.86	17.27	16.89	16.77	16.64	16.20	14.66	13.70	16.72	17.31	17.98	17.50
EOM	16.69	17.57	16.73	16.46	16.50	15.82	14.43	16.60	16.17	17.56	17.88	17.22
MEAN	17.21	17.08	17.05	16.57	16.80	16.17	15.10	14.31	16.92	16.83	17.80	17.70
MAX	17.87	17.67	17.51	16.88	17.28	16.50	15.78	16.60	17.75	17.56	18.05	17.94
MIN	16.69	16.48	16.73	16.38	16.44	15.82	14.43	13.70	16.17	15.84	17.55	17.22

WTR YR 1981 MEAN 16.63 MAX 18.05 AUG 21 MIN 13.70 MAY 25

COLLIER COUNTY

WELL NUMBER.--262521081161901. Local Number C 131. USGS Observation Well near Immokalee, Fl.

LOCATION.--Lat 26°25'21", long 81°16'19", in SE¼SE¼ sec.1, T.47 S., R.30 E., Hydrologic Unit 03090204, on State Highway 846 at Collier and Hendry County line, and 9 mi (14 km) east of Immokalee.

AQUIFER.--Tamiami limestone formation of Miocene Age, Geologic Unit 122 TM1MN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 24.1 ft (7.3 m), revised, cased to 22 ft (6.7 m). Finish open hole.

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.94 ft (0.90 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 26.71 ft (8.14 m) National Geodetic Vertical Datum of 1929. Prior to October 1975, land-surface datum was considered to be 26.60 ft (8.11 m) NGVD. See PERIOD OF RECORD.

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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 26.83 ft (8.18 m) NGVD, present datum, Oct. 9, 1953; lowest, 18.85 ft (5.75 m) NGVD, Apr. 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.51	20.82	21.92	20.93	21.40	20.75	19.62	19.52	21.27	20.71	22.47	24.63
10	22.77	22.18	21.71	20.87	22.62	21.13	19.37	19.44	21.16	20.50	22.38	25.14
15	22.50	22.77	20.96	21.18	21.56	20.61	19.17	19.24	21.04	20.50	22.63	24.57
20	21.55	22.58	21.32	21.57	23.04	19.91	19.41	19.79	20.84	20.39	23.46	25.73
25	21.24	22.15	21.17	21.42	21.39	20.76	18.92	20.38	20.71	20.65	24.82	25.26
EOM	21.88	22.86	20.76	21.14	21.01	19.68	19.37	21.02	20.82	21.50	25.21	24.86
MEAN	22.27	21.94	21.58	20.93	21.70	20.61	19.36	19.89	21.00	20.65	23.35	25.16
MAX	23.73	23.59	22.51	21.57	23.04	21.99	20.03	21.02	21.28	21.50	25.21	25.82
MIN	20.99	20.27	20.76	20.01	20.53	19.54	18.85	19.09	20.70	20.39	21.67	24.52

WTR YR 1981 MEAN 21.53 MAX 25.82 SEP 18 AND OTHERS MIN 18.85 APR 26

WELL NUMBER.--262724081260701. Local Number C 462. USGS Observation Well near Immokalee, Fl.

LOCATION.--Lat 26°27'24", long 81°26'12", in SE¼SE¼ sec.20, T.46 S., R.29 E., Hydrologic Unit 03090204, on State Highway 29, 1.7 mi (2.7 km) north of State Highway 850, and 2.5 mi (4.0 km) northwest of Immokalee.

AQUIFER.--Tamiami limestone formation of Miocene Age, Geologic Unit 122 TM1MN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8.62 in (21.9 cm), depth 99.7 ft (30.4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder base, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is about 35.00 ft (10.7 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water-level estimated Oct. 1 to Nov. 13, Dec. 5 to Mar. 15, and May 29 to June 28.

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 water level, 35.91 ft (10.95 m) NGVD, Sept. 14-16, 1974; lowest, 26.78 ft (8.16 m) NGVD, estimated, June 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	32.10	31.05	31.17	30.13	28.87	28.70	28.11	27.39	26.98	28.17	29.86	32.47
10	31.50	30.85	30.85	29.85	29.40	28.50	27.90	27.25	26.94	27.81	29.94	32.36
15	31.15	30.44	30.60	29.75	29.35	28.40	27.74	27.16	26.86	28.13	29.93	31.94
20	30.90	30.78	30.50	29.38	29.16	28.27	27.80	27.05	26.78	28.01	30.91	33.44
25	30.71	30.76	30.30	29.22	29.20	28.38	27.70	26.96	28.85	28.43	32.19	33.43
EOM	30.95	31.12	30.23	28.98	29.07	28.41	27.56	27.00	28.30	29.31	32.57	32.65
MEAN	31.32	30.80	30.67	29.61	29.18	28.53	27.86	27.19	27.30	28.25	30.72	32.72
MAX	32.80	31.19	31.21	30.13	29.46	29.14	28.27	27.53	28.85	29.31	32.57	33.69
MIN	30.61	30.20	30.09	28.98	28.80	28.27	27.56	26.94	26.78	27.77	29.47	31.91

WTR YR 1981 MEAN 29.51 MAX 33.69 SEP 22 MIN 26.78 JUN 20

COLLIER COUNTY

WELL NUMBER.--262859081273001. Local Number C 531. USGS Observation Well near Immokalee, Fl.

LOCATION.--Lat 26°29'28", long 81°27'30", in NW¼SE¼ sec.7, T.46 S., R.29 E., (revised), Hydrologic Unit 03090205, north of State Highway 82, 1.5 mi (2.4 km) west of State Highway 29, and 5.5 mi (8.8 km) northwest of Immokalee.

AQUIFER.--Tamiami formation of Miocene Age, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 253 ft (77.1 m), cased to 210 ft (64.0 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf floor, 2.58 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 41.84 ft (12.75 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to September 1976 (monthly); October 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 31.80 ft (9.69 m) NGVD, Sept. 30, 1979; lowest, 18.54 ft (5.65 m) NGVD, May 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.74	22.56	25.65	23.15	23.22	21.63	22.13	19.31	19.55	24.46	28.20	30.84
10	27.68	22.47	24.53	22.75	25.89	21.39	19.92	18.97	22.47	24.62	28.56	30.76
15	27.10	22.40	23.76	21.28	26.82	22.41	20.32	18.73	24.66	25.96	28.66	30.63
20	24.39	25.20	25.93	21.88	26.14	22.22	19.97	18.64	22.14	26.09	28.83	30.92
25	23.42	24.97	25.78	24.77	23.64	24.05	19.88	18.66	25.19	26.58	29.99	31.09
EOM	22.71	27.86	23.44	22.52	22.78	21.70	19.39	18.83	26.25	27.10	30.72	30.13
MEAN	26.37	24.04	25.35	22.79	24.81	22.39	20.44	18.90	22.98	25.58	29.02	30.72
MAX	30.74	27.86	28.09	25.05	26.82	24.18	22.45	19.35	26.25	27.26	30.72	31.11
MIN	22.58	22.24	23.44	21.06	22.38	20.83	19.39	18.54	18.85	23.73	27.40	29.87

WTR YR 1981 MEAN 24.45 MAX 31.11 SEP 24 MIN 18.54 MAY 23

WELL NUMBER.--262859081273002. Local Number C 532. USGS Observation Well near Immokalee, Fl.

LOCATION.--Lat 26°29'28", long 81°27'29", in NW¼SE¼ sec.7, T.46 S., R.29 E. (corrected), Hydrologic Unit 03090205, on north side of State Highway 82 and 7.5 mi (12.1 km) northwest of Immokalee.

AQUIFER.--Water table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in. (10 cm), depth 12.2 ft (3.71 m), cased to 3.0 ft (0.91 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.6 ft (0.79 m), above land-surface datum.

DATUM.--Land-surface datum is 41.93 ft (12.8 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to current year (monthly). 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, 43.29 ft (13.19 m) NGVD, June 29, 1981; lowest measured, 38.74 ft (11.81 m) NGVD, Apr. 27, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
29...	1025	39.78	26...	0925	38.78
NOV			JUN		
25...	1045	39.82	29...	1015	43.29
DEC			JUL		
30...	1115	39.23	28...	1020	39.59
JAN , 1981			AUG		
28...	1035	39.54	27...	0915	41.43
MAR			SEP		
30...	1035	39.79	29...	1015	39.90
APR					
29...	1030	41.28			

WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 6
DADE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER	INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	251922080340701	54	26	254444080144801	66
2	252425080320001	54	27	254500080360001	67
3	252612080300701	55	28	254830080284201	67
4	252619080310201	55	29	254832080175001	68
5	252829080285101	56	30	254857080171101	68
6	252918080234201	57	31	254943080121501	69
7	252928080332401	57	32	254940080172001	69
8	253012080261401	58	32	254950080171202	70
9	253029080295601	58	32	255003080163901	71
10	253233080301001	59	33	254950080180801	70
✓ 11	253258080264301	59✓	33	255006080172501	72
12	263630080264801	80	33	255006080172502	72
13	253537080284401	60	34	255000080204706	71
✓ 14	253549080214101	60✓	35	255008080161801	73
15	252656080350301	56	36	255023080202301	73
16	253718080192301	61	37	255024080185801	74
17	253854080242801	61	38	255207080241301	75
18	253902080202501	62	39	255208080274001	75
19	253937080304001	62	40	255209080212801	76
20	254000080181001	63	41	255342080195501	76
21	254038080260201	63	42	255437080103201	77
22	254157080214001	64	43	255522080261401	77
22	254157080214002	64	44	255526080143001	78
23	254202080232601	65	45	255600080270001	78
24	254207080200301	65	46	255707080255001	79
25	254217080171801	66	47	255709080223701	79

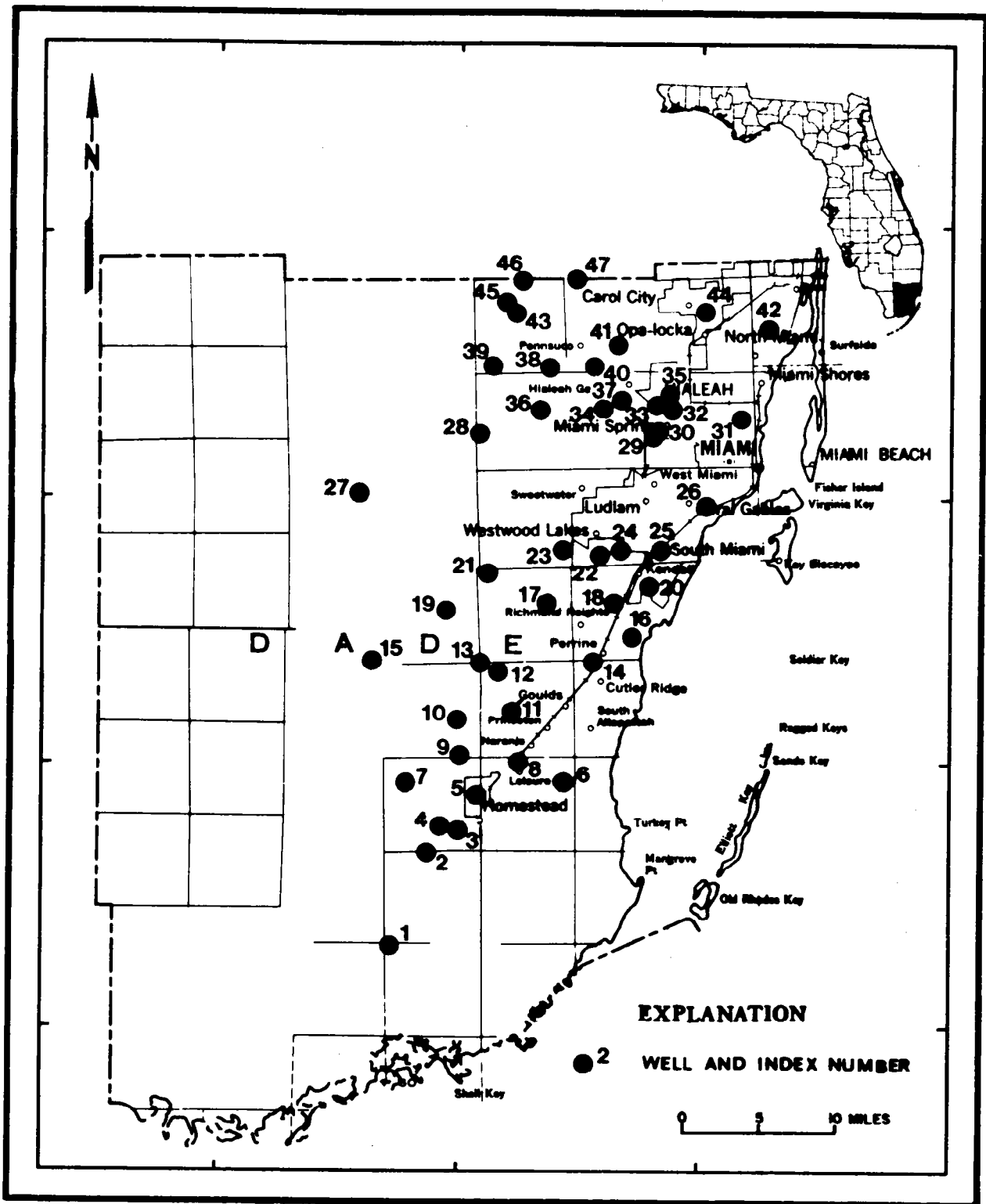


Figure 6. Location of wells in Dade County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--251922080340701. Local Number G 1251. USGS Observation Well near Homestead, Fl.

LOCATION.--Lat 25°19'22", long 80°34'07", in NE¼SW¼ sec.6., T.59 S., R.38 E., Hydrologic Unit 03090202, 2.5 mi (4.0 km) southwest of S-18-C, 5.4 mi (8.7 km) south of State Highway 27, 7 mi (11 km) west of U.S. Highway 1, and 11.0 mi (18 km) southwest of Homestead.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 59 ft (18 m), cased to 5 ft (2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.00 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 2.99 ft (0.91 m) National Geodetic Vertical Datum of 1929.

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 water level, 3.11 ft (0.95 m) NGVD, Sept. 9, 1965; lowest, 1.56 ft (0.48 m) below NGVD, May 30, 1965.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.49	2.37	2.46	2.21	1.83	2.27	1.67	.93	1.48	1.64	2.33	2.67
10	2.51	2.35	2.42	2.15	1.83	2.21	1.50	.66	1.52	1.99	2.17	2.72
15	2.60	2.61	2.35	2.06	1.72	2.20	1.28	.41	1.13	1.90	2.16	2.69
20	2.61	2.65	2.30	1.97	2.54	2.08	1.06	.27	1.97	1.86	3.06	2.65
25	2.50	2.56	2.30	1.99	2.42	1.99	.83	.10	1.60	1.99	3.00	2.71
EOM	2.38	2.52	2.26	1.88	2.35	1.85	1.02	1.40	1.68	1.97	2.81	2.77
MEAN	2.52	2.51	2.36	2.06	2.05	2.13	1.27	.65	1.49	1.82	2.57	2.72
MAX	2.65	2.66	2.50	2.25	2.62	2.33	1.82	1.51	1.97	2.02	3.08	2.78
MIN	2.38	2.35	2.26	1.88	1.70	1.85	.73	.07	.93	1.49	1.94	2.65

WTR YR 1981 MEAN 2.01 MAX 3.08 AUG 21 AND OTHERS MIN .07 MAY 26

WELL NUMBER.--252425080320001. Local Number G 613. USGS Observation Well near Florida City, Fl.

LOCATION.--Lat 25°24'25", long 80°32'00", in NW¼SW¼ sec.3, T.58 S., R.38 E., Hydrologic Unit 03090202, on north side of State Highway 27, and 3 mi (4.8 km) southwest of Florida City.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 21 ft (6 m), cased to 18 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 6.06 ft (1.85 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated June 25 to July 29.

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 water level, 8.72 ft (2.66 m) NGVD, Nov. 2, 1960; lowest, 1.49 ft (0.45 m) below NGVD, May 14, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.91	2.48	2.50	2.25	1.84	2.22	1.66	.76	1.31	2.15	2.51	2.46
10	2.56	2.43	2.34	2.14	1.80	2.11	1.46	.78	1.57	2.05	2.28	2.76
15	2.72	3.39	2.32	2.00	1.79	2.22	1.21	.60	1.28	1.85	2.40	2.63
20	2.61	2.62	2.26	1.95	2.82	2.03	1.07	.38	1.64	1.92	3.80	2.50
25	2.50	2.63	2.41	1.97	2.31	1.98	.86	.18	1.78	1.82	3.04	3.04
EOM	2.46	2.53	2.30	1.91	2.30	1.85	.65	1.44	1.90	2.00	2.64	3.15
MEAN	2.57	2.62	2.36	2.06	2.12	2.10	1.24	.69	1.52	1.96	2.88	2.76
MAX	2.96	3.39	2.61	2.28	3.70	2.28	1.78	1.44	1.90	2.20	5.37	3.59
MIN	2.19	2.43	2.24	1.91	1.75	1.85	.65	.15	1.09	1.70	1.96	2.40

WTR YR 1981 MEAN 2.07 MAX 5.37 AUG 18 MIN .15 MAY 26

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 SE¼SW¼ sec.26, T.57 S., R.38 E., Hydrologic Unit 03090202, in Navy well field, on State Highway 27, 0.5 mi (0.8 km) south of Southwest 352nd Street, and 2 mi (3.2 km) southwest of Florida City.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.86 m) above land-surface datum.

DATUM.--Land-surface datum is 8.87 ft (2.70 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated May 24 to June 23, June 27 to July 28, and Aug. 2-24.

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 water level, 8.40 ft (2.56 m) NGVD estimated, Aug. 18, 1981; lowest, 1.20 ft (0.37 m) below NGVD, May 13, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.45	2.86	2.71	2.22	2.01	2.30	1.77	.84	1.50	2.45	2.75	3.91
10	3.37	2.70	2.52	2.08	1.99	2.21	1.58	1.02	1.70	2.20	2.65	4.53
15	3.24	4.41	2.41	2.08	2.03	2.42	1.35	.87	1.50	2.10	2.70	4.00
20	3.00	3.42	2.35	2.06	4.08	2.14	1.25	.63	1.50	2.15	7.10	3.50
25	2.75	3.19	2.81	2.14	2.73	2.12	1.02	.46	1.87	2.10	4.55	4.01
EOM	2.65	2.89	2.41	2.09	2.52	1.92	.88	1.90	2.15	2.23	3.81	4.78
MEAN	3.04	3.17	2.56	2.13	2.44	2.21	1.38	.91	1.69	2.21	4.08	4.21
MAX	3.51	4.41	2.86	2.37	4.24	2.46	1.88	1.95	2.15	2.50	8.40	6.11
MIN	2.51	2.70	2.33	2.06	1.99	1.92	.88	.45	1.25	2.00	2.29	3.50
WTR YR 1981	MEAN	2.50	MAX	8.40	AUG 18	MIN	.45	MAY 26				

WELL NUMBER.--252619080310201. Local Number G 864A. USGS Observation Well near Florida City, Fl.

LOCATION.--Lat 25°26'19", long 80°31'02", in NW¼NW¼ sec.26, T.57 S., R.38 E., Hydrologic Unit 03090202, in Navy well field, 0.25 mi (0.40 km) west of Southwest 192nd Avenue, 0.5 mi (0.8 km) south of 352nd Street, and 2.1 mi (3.4 km) southwest of Florida City.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 9 in (23 cm), depth 20 ft (6.1 m), cased to 7 ft (2.1 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.30 ft (0.40 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 8.49 ft (2.59 m) National Geodetic Vertical Datum of 1929. (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 water level, 8.41 ft (2.56 m) NGVD, Aug. 18, 1981; lowest, 1.11 ft (0.34 m) below NGVD, May 6, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.14	2.95	2.66	2.36	1.92	2.24	1.85	.86	1.49	2.43	2.82	3.33
10	3.36	2.65	2.47	2.21	1.90	2.13	1.51	.94	1.73	2.29	2.60	4.17
15	3.24	4.47	2.50	2.18	1.95	2.29	1.40	.75	1.44	2.07	2.73	3.82
20	2.94	3.36	2.25	2.05	4.04	2.06	1.29	.63	1.57	2.18	7.15	3.41
25	2.70	3.22	3.07	2.10	2.70	2.02	.95	.43	1.95	2.01	4.38	4.02
EOM	2.64	2.85	2.59	2.03	2.50	1.84	.81	1.86	2.12	2.10	3.57	5.46
MEAN	3.02	3.16	2.61	2.21	2.42	2.15	1.36	.87	1.67	2.19	4.11	4.17
MAX	3.54	4.47	3.07	2.59	4.24	2.45	1.85	1.95	2.12	2.48	8.41	6.67
MIN	2.49	2.65	2.25	1.97	1.90	1.84	.81	.43	1.24	1.95	2.05	3.32
WTR YR 1981	MEAN	2.50	MAX	8.41	AUG 18	MIN	.43	MAY 25 AND OTHERS				

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 NE¼SW¼ sec.25, T.55 S., R.37 E., Hydrologic Unit 03090202, in Grossman Hammock, and 11.5 mi (18.5 km) northwest of Homestead.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 31 ft (9.4 m), cased to 11 ft (3.4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 0.70 ft (0.21 m) above land-surface datum.

DATUM.--Land-surface datum is 8.28 ft (2.52 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Oct. 24 to Nov. 27, and June 29 to Aug. 17.

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 water level, 7.89 ft (2.41 m) NGVD, Aug. 18, 1981; lowest, 0.49 ft (0.15 m) NGVD, May 14, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.39	5.92	6.40	5.53	4.93	5.20	4.08	2.87	2.17	4.60	5.10	7.16
10	6.54	5.80	6.25	5.39	4.81	4.92	3.70	3.06	3.69	4.70	5.05	7.08
15	6.50	6.60	6.02	5.22	4.82	4.97	3.42	2.96	3.84	4.44	5.05	7.02
20	6.43	6.60	5.85	5.05	5.89	4.56	3.18	2.60	3.61	4.42	7.70	7.18
25	6.25	6.43	5.85	5.44	5.65	4.66	2.97	2.32	4.67	4.45	7.46	7.23
EOM	6.08	6.47	5.67	5.09	5.48	4.30	2.76	2.26	4.64	4.51	7.31	7.45
MEAN	6.35	6.25	6.05	5.31	5.19	4.63	3.45	2.69	3.65	4.52	6.23	7.19
MAX	6.54	6.65	6.46	5.64	5.89	5.41	4.24	3.09	4.74	4.70	7.89	7.51
MIN	6.08	5.80	5.67	4.98	4.70	4.30	2.76	2.21	2.16	4.40	4.55	7.00

WTR YR 1981 MEAN 5.14 MAX 7.89 AUG 18 MIN 2.16 JUN 6

WELL NUMBER.--252829080285101. Local Number F 358. USGS Observation Well at Homestead, Fl.

LOCATION.--Lat 25°28'29", long 80°28'51", in NE¼NE¼ sec.13, T.57 S., R.38 E., Hydrologic Unit 03090202, at Northwest 6th Street and 2nd Avenue in Homestead, and 0.2 mi (0.3 km) west of Krome Ave.

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

WELL CHARACTERISTICS.--Drilled, water-table well, diameter 6 in (15 cm), depth 54 ft (16 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of nail in recorder shelf, 2.98 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 7.76 ft (2.37 m) National Geodetic Vertical Datum of 1929.

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 water level, 8.19 ft (2.50 m) NGVD, Oct. 5, 1948; lowest, 1.18 ft (0.40 m) below NGVD, June 13, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.13	3.07	2.67	2.27	1.97	2.24	1.72	.77	1.29	2.25	2.61	3.81
10	3.33	2.69	2.47	2.12	1.95	2.11	1.55	.99	1.59	2.16	2.55	3.96
15	3.17	3.73	2.38	1.96	1.99	2.21	1.33	.85	1.50	1.96	2.60	4.00
20	2.96	3.34	2.29	1.94	3.22	2.01	1.20	.66	1.52	2.09	6.81	3.73
25	2.70	3.14	2.75	2.06	2.67	1.99	.98	.48	1.67	2.01	3.65	4.10
EOM	2.81	2.88	2.47	2.05	2.49	1.87	.84	1.33	1.99	2.07	3.55	4.95
MEAN	2.99	3.09	2.53	2.10	2.30	2.11	1.34	.82	1.55	2.08	3.75	4.26
MAX	3.33	3.73	2.88	2.43	3.22	2.44	1.83	1.33	1.99	2.25	8.17	6.64
MIN	2.51	2.69	2.25	1.90	1.94	1.87	.84	.47	1.24	1.86	2.04	3.49

WTR YR 1981 MEAN 2.41 MAX 8.17 AUG 18 MIN .47 MAY 26

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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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 SW¼NW¼ sec.12, T.57 S., R.39 E., Hydrologic Unit 03090202, in Homestead Air Force Base, 3.0 mi (4.8 km) southeast of U.S. Highway 1, and 5.0 (8.0 km) east of Homestead.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 9 in (23 cm), depth 47 ft (14 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base, 2.00 ft (0.61 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 6.17 ft (1.88 m) National Geodetic Vertical Datum of 1929.

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 water level, 5.18 ft (1.58 m) NGVD, June 9, 1966; lowest, 0.83 ft (0.25 m) below NGVD, May 12, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.45	2.03	1.72	1.64	1.76	1.79	1.58	.82	1.37	1.96	2.45	2.39
10	2.52	1.97	1.59	1.59	1.79	1.80	1.43	1.15	1.68	1.96	2.40	2.59
15	2.46	3.57	1.71	1.63	1.83	1.89	1.25	.94	1.46	1.78	2.50	2.55
20	1.84	2.06	1.79	1.74	2.15	1.73	1.17	.69	1.55	1.94	3.24	2.45
25	2.15	2.02	1.89	1.80	1.73	1.76	1.07	.50	1.71	1.91	1.52	2.77
EOM	1.82	1.77	1.76	1.79	1.68	1.70	.96	1.25	1.99	1.97	2.39	2.75
MEAN	2.16	2.11	1.76	1.68	1.82	1.78	1.30	.90	1.58	1.94	2.54	2.83
MAX	2.66	3.57	2.11	1.80	2.26	1.96	1.67	1.25	2.05	2.07	5.59	5.10
MIN	1.66	1.77	1.59	1.35	1.67	1.63	.96	.47	1.21	1.74	1.52	2.37

WTR YR 1981 MEAN 1.86 MAX 5.59 AUG 18 MIN .47 MAY 26

WELL NUMBER.--252928080332401. Local Number G 789. USGS Observation Well near Homestead, Fl.

LOCATION.--Lat 25°29'28", long 80°33'24", in SE¼SE¼ sec.6, T.57 S., R.38 E., Hydrologic Unit 03090202, at Homestead General Airport on north side of Avocado Drive, 3.5 mi (5.6 km) northwest of Homestead, and 4.0 mi (6.4 km) west of Krome Avenue.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.90 m) above land-surface datum.

DATUM.--Land-surface datum is 6.70 ft (2.04 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water level readings estimated July 30 to Aug. 17.

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 water level, 7.73 ft (2.36 m) NGVD, Aug. 18, 1981; lowest, 0.90 ft (0.27 m) below NGVD, May 8, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.25	3.86	3.88	3.32	2.88	3.06	2.34	1.48	1.46	3.14	3.10	4.98
10	4.56	3.68	3.68	3.17	2.79	2.95	2.12	1.53	2.10	2.88	3.23	5.17
15	4.40	5.67	3.52	2.97	2.79	2.98	1.90	1.30	2.07	2.61	3.22	5.10
20	4.18	4.45	3.44	2.88	4.16	2.75	1.73	1.11	1.76	2.74	7.60	4.72
25	3.91	4.32	3.77	3.05	3.48	2.70	1.50	.90	1.99	2.61	5.95	4.76
EOM	3.76	4.08	3.47	2.95	3.31	2.55	1.34	1.60	2.57	2.76	5.07	6.31
MEAN	4.18	4.23	3.67	3.09	3.16	2.88	1.91	1.33	1.96	2.77	4.67	5.44
MAX	4.58	5.67	4.05	3.43	4.30	3.26	2.50	1.60	2.90	3.24	7.73	6.72
MIN	3.70	3.68	3.40	2.87	2.72	2.55	1.34	.85	1.45	2.42	2.75	4.72

WTR YR 1981 MEAN 3.27 MAX 7.73 AUG 18 MIN .85 MAY 26

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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 NE¼NW¼ sec.4, T.47 S., R.39 E., Hydrologic Unit 03090202, 50 ft (15 m) west of Newton Road, 1000 ft (305 m) south of Waldin Drive, 0.3 mi (.5 km) west of U.S. Highway 1, and 3.0 mi (4.8 km) northeast of Homestead.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 10.39 ft (3.17 m) National Geodetic Vertical Datum of 1929. (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 water level, 8.87 ft (2.70 m) NGVD, Aug. 18, 1981; lowest, 0.82 ft (0.25 m) below NGVD, May 13, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.15	3.06	2.59	2.24	2.06	2.27	1.85	.94	1.41	2.26	2.66	3.50
10	3.29	2.73	2.42	2.12	2.05	2.19	1.70	1.22	1.78	2.22	2.72	3.59
15	3.15	3.48	2.32	1.99	2.10	2.26	1.52	1.09	1.68	2.08	2.78	3.97
20	2.90	3.15	2.29	2.02	2.89	2.07	1.37	.89	1.67	2.20	5.00	3.65
25	2.77	3.04	2.60	2.13	2.63	2.06	1.12	.71	1.78	2.16	2.18	4.02
EOM	2.68	2.80	2.42	2.12	2.43	1.98	1.00	1.35	2.06	2.24	3.37	3.74
MEAN	2.97	2.98	2.46	2.12	2.31	2.16	1.49	1.01	1.68	2.20	3.31	4.04
MAX	3.31	3.48	2.76	2.37	2.89	2.38	1.95	1.35	2.07	2.28	8.87	8.42
MIN	2.49	2.69	2.27	1.93	2.05	1.98	1.00	.67	1.34	2.02	2.18	3.39

WTR YR 1981 MEAN 2.39 MAX 8.87 AUG 18 MIN .67 MAY 26

WELL NUMBER.--253029080295601. Local Number S 196A. USGS Observation Well near Homestead, Fl.

LOCATION.--Lat 25°30'29", long 80°29'56", in SW¼SE¼ sec.35, T.56 S., R.38 E., Hydrologic Unit 03090202, at University of Florida Experiment Station, 3.3 mi (5.3 km) northwest of Homestead, and 4.3 mi (6.9 km) 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 8 in (20 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of nail in recorder shelf, 2.96 ft (0.90 m) above land-surface datum.

DATUM.--Land-surface datum is 10.33 ft (3.15 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water level readings estimated Feb. 25 to Mar. 26.

PERIOD OF RECORD.--January 1932 to current year. Records of water levels prior to January 1957 are available in files of the Geological Survey.

EXTREMES FOR PERIOD RECORD.--Highest daily water level, 9.63 ft (2.94 m) NGVD, Aug. 18, 1981; lowest, 0.67 ft (0.20 m) below NGVD, May 6-9, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.72	3.75	3.59	3.06	2.70	3.00	2.35	1.36	1.26	2.73	3.32	4.90
10	4.23	3.51	3.38	2.92	2.63	2.88	2.16	1.51	1.85	2.70	3.28	4.86
15	4.04	4.53	3.22	2.72	2.63	2.85	1.94	1.40	1.97	2.57	3.20	4.84
20	3.88	4.35	3.10	2.66	3.87	2.80	1.79	1.24	1.90	2.70	8.53	4.63
25	3.59	4.05	3.48	2.76	3.50	2.70	1.57	1.05	2.04	2.66	5.95	4.88
EOM	3.54	3.81	3.26	2.76	3.25	2.52	1.40	1.30	2.32	2.72	4.64	5.28
MEAN	3.85	3.96	3.37	2.85	3.00	2.83	1.94	1.31	1.82	2.64	4.75	5.19
MAX	4.23	4.67	3.77	3.20	3.87	3.20	2.48	1.52	2.32	2.75	9.63	7.97
MIN	3.40	3.48	3.07	2.66	2.61	2.52	1.40	1.02	1.25	2.33	2.70	4.51

WTR YR 1981 MEAN 3.13 MAX 9.63 AUG 18 MIN 1.02 MAY 26

DADE COUNTY

WELL NUMBER.--253233080301001. Local Number G 1363. USGS Observation Well near Homestead, Fl.

LOCATION.--Lat 25°32'33" (corrected), long 80°30'10", in SW¼NE¼ sec.23, T.56 S., R.38 E., Hydrologic Unit 03090202, on Albury Drive, 1.5 mi (2.4 km) west of State Highway 27, and 5.4 mi (8.7 km) northwest of Homestead.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 33 ft (10 m), cased to 12 ft (4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.66 ft (0.81 m) above land-surface datum.

DATUM.--Land-surface datum is 9.78 ft (2.98 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated July 5 to Aug. 20 and Sept. 1-30.

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 water level, 9.80 ft (2.99 m) NGVD estimated, Aug. 18, 1981; lowest, 0.70 ft (0.21 m) below NGVD, May 15, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.09	3.84	4.03	3.38	2.95	3.27	2.53	1.50	1.49	2.45	3.20	5.05
10	4.62	3.78	3.81	3.25	2.87	3.07	2.35	1.61	1.87	2.81	3.36	5.00
15	4.46	4.89	3.61	2.99	2.82	2.94	2.14	1.59	2.09	2.60	3.30	4.95
20	4.28	4.78	3.48	2.91	3.96	2.87	1.97	1.43	2.02	2.75	8.80	4.80
25	4.00	4.45	3.69	2.99	3.82	2.76	1.78	1.25	2.09	2.76	6.85	5.05
EOM	3.77	4.25	3.56	3.01	3.58	2.70	1.60	1.50	2.23	2.79	4.93	5.40
MEAN	4.23	4.26	3.73	3.12	3.23	2.98	2.14	1.46	1.91	2.68	5.15	5.35
MAX	4.62	5.01	4.20	3.52	4.03	3.52	2.65	1.64	2.23	2.81	9.80	8.20
MIN	3.77	3.75	3.44	2.91	2.79	2.70	1.60	1.17	1.49	2.27	2.79	4.70

WTR YR 1981 MEAN 3.35 MAX 9.80 AUG 18 MIN 1.17 MAY 27

WELL NUMBER.--253258080264301. Local Number G 614. USGS Observation Well at Goulds, Fl.

LOCATION.--Lat 25°32'58", long 80°26'43", in NW¼NW¼ 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 (4.8 km) 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 6 in (15 cm), depth 20 ft (6 m), cased to 18 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.05 ft (0.91 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 11.10 ft (3.38 m) National Geodetic Vertical Datum of 1929.

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 water level, 11.04 ft (3.36 m) NGVD, Aug. 18, 1981; lowest, 0.62 ft (0.19 m) below NGVD, May 14, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.29	3.10	3.13	2.58	2.32	2.65	2.05	1.02	1.20	2.22	2.70	3.89
10	3.67	3.05	2.94	2.47	2.25	2.47	1.89	1.14	1.52	2.26	2.82	3.94
15	3.70	3.47	2.78	2.25	2.24	2.43	1.70	1.18	1.65	2.18	2.86	4.56
20	3.48	3.86	2.66	2.22	2.84	2.34	1.52	1.02	1.56	2.18	9.10	3.35
25	3.19	3.61	2.73	2.33	3.00	2.26	1.32	.87	1.62	2.19	5.50	3.32
EOM	3.03	3.36	2.72	2.35	2.90	2.18	1.16	1.09	1.78	2.36	4.28	6.03
MEAN	3.42	3.38	2.86	2.40	2.51	2.43	1.68	1.04	1.51	2.20	4.64	4.47
MAX	3.74	3.88	3.31	2.68	3.04	2.84	2.15	1.20	1.78	2.36	11.04	7.95
MIN	3.03	3.03	2.62	2.18	2.21	2.18	1.16	.83	1.14	1.81	2.35	3.25

WTR YR 1981 MEAN 2.71 MAX 11.04 AUG 18 MIN .83 MAY 27

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 NE¼NE¼ sec.1, T.56 S., R.38 E., Hydrologic Unit 03090202, at southwest corner of Eureka Drive and Krome Avenue, and 8.7 mi (14.0 km) north of Homestead.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 122 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 33 ft (10 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 9.06 ft (2.76 m) National Geodetic Vertical Datum of 1929.

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 water level, 9.60 ft (2.93 m) NGVD, Sept. 10, 1960; lowest, 0.00 ft (0.00 m) NGVD, May 14, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.39	4.06	4.31	3.62	3.29	3.58	2.84	2.02	1.86	2.86	3.64	5.26
10	4.82	3.97	4.12	3.51	3.26	3.38	2.68	2.11	2.20	3.03	3.70	5.29
15	4.75	4.93	3.94	3.45	3.22	3.31	2.53	2.14	2.45	3.00	3.56	5.99
20	4.57	4.92	3.83	3.35	4.20	3.23	2.39	2.01	2.39	2.95	9.12	5.43
25	4.36	4.68	3.78	3.31	3.92	3.09	2.22	1.83	2.44	2.98	6.76	7.89
EOM	4.17	4.51	3.72	3.34	3.82	3.02	2.12	1.84	2.55	3.12	5.44	6.56
MEAN	4.53	4.45	3.99	3.45	3.52	3.31	2.53	2.00	2.26	2.95	5.42	5.89
MAX	4.83	4.98	4.48	3.70	4.20	3.78	3.01	2.16	2.55	3.12	9.52	7.89
MIN	4.17	3.97	3.72	3.29	3.20	3.02	2.12	1.75	1.86	2.59	3.13	5.12

WTR YR 1981 MEAN 3.69 MAX 9.52 AUG 18 MIN 1.75 MAY 27

WELL NUMBER.--253549080214101. Local number S 182A. USGS Observation Well near Peters, Fl.

LOCATION.--Lat 25°35'49", long 80°21'41", in NW¼NW¼ sec.5, T.56 S., R.40 E., Hydrologic Unit 03090202, north of Quail Roost Drive, 0.4 mi (0.6 km) west of U.S. Highway 1, 0.5 mi (0.8 km) west of Peters, and 16.4 mi (26.4 km) southwest of Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 51 ft (16 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.39 ft (0.72 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 11.14 ft (3.40 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Jan. 24 to Feb. 25, Mar. 9 to Apr. 28, and May 29 to July 28.

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 water level, 10.70 ft (3.26 m) NGVD, Sept. 10, 1960; lowest, 0.44 ft (0.13 m) below NGVD, June 21, 1945.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.80	2.69	2.67	2.49	2.27	2.54	1.99	1.56	1.90	2.16	2.70	2.97
10	3.18	2.64	2.60	2.43	2.26	2.40	1.87	1.82	2.02	2.11	2.62	3.06
15	3.22	2.91	2.59	2.37	2.29	2.27	1.77	1.85	2.00	2.10	2.73	3.08
20	2.97	2.94	2.52	2.37	2.63	2.20	1.65	1.75	1.88	2.05	5.09	3.01
25	2.87	2.90	2.33	2.43	2.64	2.20	1.67	1.60	1.85	2.12	3.64	3.13
EOM	2.77	2.80	2.36	2.30	2.51	2.07	1.66	1.69	2.10	2.29	3.19	4.99
MEAN	2.95	2.79	2.57	2.40	2.41	2.31	1.80	1.72	1.93	2.14	3.36	3.51
MAX	3.22	2.96	2.79	2.49	2.65	2.56	2.07	1.86	2.11	2.33	6.90	7.16
MIN	2.77	2.64	2.31	2.30	2.25	2.07	1.61	1.54	1.68	2.05	2.28	2.83

WTR YR 1981 MEAN 2.49 MAX 7.16 SEP 26 MIN 1.54 MAY 6

DADE COUNTY

WELL NUMBER.--253718080192301. Local Number G 860. USGS Observation Well near Perrine Fl.

LOCATION.--Lat 25°37'18", long 80°19'23", in SW¼NE¼ sec.27, T.55 S., R.40 E., Hydrologic Unit 03090202, at Kuhn Road and Southwest 160th Street, 1.2 mi (1.9 km) east of U.S. 1, 1.7 mi (2.7 km) northeast of Perrine, and 13 mi (21 km) southwest of Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 10.42 ft (3.18 m) National Geodetic Vertical Datum of 1929.

REMARKS.-- Water levels estimated May 31 to June 28.

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 water level, 9.45 ft (2.88 m) NGVD, Sept. 23, 1960; lowest, 0.38 ft (0.12 m) NGVD, May 22, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.06	3.03	2.94	2.36	2.38	2.51	2.13	1.51	1.80	2.13	2.85	3.34
10	3.45	2.90	2.79	2.31	2.33	2.43	2.03	1.91	2.20	2.05	2.70	3.46
15	3.63	3.20	2.67	2.31	2.35	2.41	1.88	1.91	2.13	2.00	2.87	3.44
20	3.37	3.37	2.62	2.33	2.72	2.32	1.79	1.79	2.02	1.97	2.19	3.35
25	3.25	3.27	2.54	2.47	2.66	2.33	1.67	1.64	1.87	2.06	3.24	3.65
EOM	3.06	3.10	2.42	2.39	2.58	2.24	1.57	1.82	2.08	2.08	3.46	3.54
MEAN	3.29	3.15	2.70	2.37	2.47	2.39	1.89	1.76	2.01	2.05	3.00	3.66
MAX	3.63	3.41	3.06	2.47	2.72	2.56	2.22	1.93	2.20	2.13	5.58	7.45
MIN	3.02	2.90	2.42	2.29	2.30	2.24	1.57	1.50	1.79	1.97	1.83	3.26

WTR YR 1981 MEAN 2.56 MAX 7.45 SEP 26 MIN 1.50 MAY 6

WELL NUMBER.--253854080242801. Local Number G 858. USGS Observation Well near Miami, Fl.

LOCATION.--Lat 25°38'54", long 80°24'28", in SE¼NE¼ sec.15, T.55 S., R.39 E., Hydrologic Unit 03090202, at Lindgren Road and Southwest 128th Street, 6.0 mi (9.7 km) west of U.S. Highway 1, and 18 mi (29 km) southwest of Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 8.55 ft (2.61 m) National Geodetic Vertical Datum of 1929.

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 water level, 9.47 ft (2.89 m) NGVD, Sept. 10, 1960; lowest, 0.80 ft (0.24 m) NGVD, May 15, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.12	4.00	4.10	3.51	3.24	3.53	2.93	2.29	2.37	2.89	3.47	4.75
10	4.59	3.91	3.98	3.43	3.20	3.40	2.82	2.64	2.68	2.91	3.49	4.87
15	4.49	4.42	3.87	3.32	3.18	3.30	2.70	2.68	2.75	2.88	3.46	4.92
20	4.35	4.50	3.76	3.26	3.51	3.17	2.57	2.55	2.63	2.90	7.50	4.99
25	4.22	4.33	3.69	3.26	3.63	3.09	2.49	2.37	2.62	2.86	5.30	4.86
EOM	4.13	4.21	3.58	3.26	3.62	3.03	2.39	2.45	2.71	2.87	4.75	4.85
MEAN	4.32	4.20	3.86	3.36	3.34	3.29	2.69	2.49	2.61	2.88	4.70	5.10
MAX	4.64	4.55	4.19	3.56	3.63	3.61	3.02	2.68	2.75	2.91	8.46	7.38
MIN	4.12	3.91	3.58	3.23	3.18	3.03	2.39	2.27	2.37	2.73	2.87	4.48

WTR YR 1981 MEAN 3.57 MAX 8.46 AUG 18 MIN 2.27 MAY 6

DADE COUNTY

WELL NUMBER.--253902080202501. Local Number G 553. USGS Observation Well near Miami, Fl.

LOCATION.--Lat 25°39'02", long 80°20'25", in NE¼SE¼ sec.16, T.53 S., R.40 E., Hydrologic Unit 03090202, on the south side of Motu Drive, 0.5 mi (0.8 km) west of U.S. Highway 1, 2.5 mi (4.0 km) south of southwest 88 Street, and 13 mi (21 km) southwest of Miami.

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

WELL CHARACTERISTICS.--Drilled test, water-table well, diameter 24 to 18 in (61 to 46 cm), depth 91 ft (28 m), cased to 79 ft (24 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 0.65 ft (0.59 m) above land-surface datum.

DATUM.--Land-surface datum is 12.11 ft (3.69 m) National Geodetic Vertical Datum of 1929.

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 water level, 11.06 ft (3.37 m) NGVD, Oct. 5, 1948; lowest, 0.81 ft (0.25 m) NGVD, May 14-15, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.70	3.70	3.63	3.03	2.90	3.12	2.66	1.94	2.27	2.71	3.35	4.85
10	4.30	3.56	3.50	2.97	2.85	3.00	2.55	2.37	2.65	2.70	3.36	4.89
15	4.23	3.94	3.37	2.89	2.88	2.94	2.42	2.42	2.60	2.60	3.46	4.71
20	4.07	4.01	3.29	2.87	3.20	2.86	2.30	2.32	2.49	2.54	6.03	5.11
25	4.00	3.90	3.21	2.94	3.24	2.85	2.17	2.30	2.38	2.55	4.48	5.35
EOM	3.85	3.77	3.13	2.89	3.21	2.76	2.03	2.31	2.62	2.54	4.94	6.07
MEAN	4.02	3.82	3.39	2.95	3.00	2.95	2.41	2.27	2.50	2.61	4.17	5.32
MAX	4.35	4.02	3.74	3.11	3.25	3.19	2.74	2.42	2.65	2.71	7.24	8.49
MIN	3.66	3.56	3.13	2.85	2.85	2.76	2.03	1.92	2.27	2.54	2.53	4.66

WTR YR 1981 MEAN 3.28 MAX 8.49 SEP 26 MIN 1.92 MAY 6

WELL NUMBER.--253937080304001. Local Number G 596. USGS Observation Well near Homestead, Fl.

LOCATION.--Lat 25°39'37", long 80°30'40", in SW¼SW¼ sec.14, T.55 S., R.38 E., Hydrologic Unit 03090202, on north side of Howard Drive, 2 mi (3 km) west of Krome Avenue, and 15.5 mi (25 km) north of Homestead.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 13 ft (4 m), cased to 11 ft (3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.82 ft (0.56 m) above land-surface datum.

DATUM.--Land-surface datum is 7.28 ft (2.22 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1978 land-surface datum was considered to be 7.70 ft (2.35 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels estimated Sept. 4-30.

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 level as elevation, in feet NGVD, prior to October 1978 are in error. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 8.30 ft (2.53 m) NGVD, Nov. 2, 1960; lowest, 0.56 ft (0.17 m) NGVD, May 14, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.93	5.43	5.77	4.98	4.42	4.75	3.77	3.30	2.65	4.15	4.38	7.32
10	6.36	5.30	5.62	4.84	4.31	4.42	3.60	3.83	3.33	4.12	4.24	7.25
15	6.01	6.01	5.43	4.67	4.31	4.35	3.47	3.57	3.34	3.96	4.04	7.30
20	5.94	6.04	5.40	4.55	5.17	4.19	3.47	3.07	3.20	3.78	7.81	7.35
25	5.78	5.88	5.20	4.57	5.15	4.12	3.41	2.75	3.74	3.98	7.58	7.15
EOM	5.63	5.89	5.12	4.54	4.98	3.99	3.35	2.95	4.20	4.06	7.14	7.65
MEAN	5.95	5.72	5.46	4.72	4.63	4.36	3.55	3.26	3.31	4.02	5.76	7.36
MAX	6.36	6.14	5.88	5.10	5.23	4.93	3.94	3.83	4.20	4.21	7.82	7.95
MIN	5.63	5.30	5.12	4.48	4.27	3.99	3.35	2.70	2.65	3.76	4.04	7.06

WTR YR 1981 MEAN 4.84 MAX 7.95 SEP 26 MIN 2.65 JUN 5

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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DADE COUNTY

WELL NUMBER.--25400080181001. Local Number G 580A. USGS Observation Well near Miami, Fl.

LOCATION.--Lat 25°40'00", long 80°18'10", in SE¼NW¼ sec.11, T.55 S., R.40 E., Hydrologic Unit 03090202, at northwest corner of Ludlum Road and Killian Drive, 1.2 mi (1.9 km) east of U.S. Highway 1, and 10.5 mi (16.9 km) southwest of Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 22 ft (7 m), cased to 4 ft (1 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 9.20 ft (2.80 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Aug. 16-26 and Sept. 26-30.

PERIOD OF RECORD.--September 1960 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 9.34 ft (2.85 m) NGVD, Sept. 23, 1960; lowest, 0.71 ft (0.22 m) NGVD, May 5, 6, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.73	2.86	2.78	2.22	2.14	2.40	1.99	1.42	1.73	2.20	2.80	2.90
10	3.28	2.76	2.63	2.15	2.11	2.29	1.90	1.98	1.90	2.14	2.72	3.28
15	3.45	3.38	2.49	2.09	2.08	2.25	1.76	1.98	1.88	2.14	2.59	3.19
20	3.25	3.29	2.44	2.09	2.55	2.20	1.67	1.82	1.85	2.09	4.75	3.31
25	3.17	3.12	2.37	2.22	2.61	2.19	1.57	1.66	1.94	2.15	3.25	4.15
EOM	2.95	2.96	2.28	2.18	2.51	2.12	1.49	1.75	2.09	2.16	2.94	5.50
MEAN	3.14	3.04	2.53	2.17	2.28	2.26	1.77	1.76	1.88	2.15	3.17	3.73
MAX	3.64	3.43	2.92	2.27	2.62	2.48	2.10	1.99	2.09	2.20	5.45	6.90
MIN	2.70	2.76	2.28	2.07	2.06	2.12	1.49	1.40	1.71	2.08	2.16	2.90

WTR YR 1981 MEAN 2.49 MAX 6.90 SEP 26 MIN 1.40 MAY 6

WELL NUMBER.--254038080280201. Local Number G 855. USGS Observation Well near Kendall, Fl.

LOCATION.--Lat 25°40'38", long 80°28'02", in SE¼NE¼ sec.6, T.55 S., R.39 E., Hydrologic Unit 03090202, 0.75 mi (1.21 km) east of Krome Avenue, 0.4 mi (0.6 km) south of North Kendall Drive, and 9.2 mi (14.8 km) west of Kendall.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.98 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 7.90 ft (2.41 m) National Geodetic Vertical Datum of 1929. Prior to October 1978, land-surface datum was considered to be 7.41 ft (2.26 m) NGVD. See PERIOD OF RECORD.

REMARKS.--Water levels estimated June 26 to Sept. 30.

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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 8.00 ft (2.44 m) NGVD estimated, Aug. 18, 1981; lowest, 1.00 ft (0.30 m) NGVD, present datum, May 14, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.99	4.59	4.85	4.17	3.63	3.94	3.35	2.80	2.61	3.74	3.84	4.70
10	5.03	4.48	4.70	4.05	3.55	3.86	3.19	3.49	3.10	3.67	3.76	4.85
15	4.88	5.96	4.56	3.89	3.59	3.77	3.05	3.15	3.01	3.50	3.60	4.74
20	4.78	5.02	4.56	3.65	4.32	3.64	3.02	2.79	2.78	3.29	6.30	4.95
25	4.98	5.00	4.36	3.76	4.16	3.57	3.00	2.57	3.22	3.34	5.00	5.20
EOM	4.74	4.99	4.25	3.69	4.08	3.46	2.84	2.79	3.30	3.45	4.72	5.80
MEAN	4.89	4.89	4.57	3.92	3.81	3.74	3.11	2.95	3.00	3.49	4.60	5.12
MAX	5.12	5.96	4.95	4.24	4.32	4.05	3.44	3.66	3.30	3.75	8.00	7.50
MIN	4.70	4.48	4.25	3.64	3.55	3.46	2.84	2.53	2.59	3.29	3.50	4.52

WTR YR 1981 MEAN 4.01 MAX 8.00 AUG 18 MIN 2.53 MAY 26

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--254157080214001. Local Number G 3073. USGS Observation Well near South Miami, Fl.

LOCATION.--Lat 25°41'57", long 80°21'40", in SW¼NE¼ sec.32, T.54 S., R.40 E., Hydrologic Unit 03090202, on the north side of Snapper Creek Canal, 0.25 mi (0.40 km) northeast of the intersection at S.W. 107 Avenue and Sunset Drive, and 4.6 mi (7.4 km) west of South Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20.0 ft (6.1 m), cased to 20.0 ft (6.1 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 4.77 ft (1.45 m) above land-surface datum.

DATUM.--Land-surface datum is 3.00 ft (0.91 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 6.15 ft (1.87 m) NGVD, Aug. 18, 1981; lowest, 0.53 ft (0.16 m) below NGVD, Feb. 6, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	.40	1.93	3.03	2.18	1.72	1.49	.99	.51	1.14	1.27	1.99	---
10	1.31	1.77	2.18	1.61	1.59	1.22	.90	1.72	1.50	1.07	1.75	---
15	1.52	2.14	1.95	1.59	1.80	1.94	1.29	1.82	1.03	.87	1.66	---
20	1.84	1.80	2.09	1.38	2.59	.97	.89	1.03	.59	.66	4.53	---
25	2.19	2.18	1.90	1.40	1.99	1.29	.84	.86	2.20	.50	3.22	2.10
EOM	1.83	3.25	1.87	1.19	1.76	1.15	.59	1.22	.85	.92	---	2.60
MEAN	1.38	2.11	2.27	1.55	1.78	1.36	.90	1.19	1.09	.95	2.74	3.21
MAX	2.24	3.25	3.25	2.18	2.59	2.15	1.36	2.22	2.20	1.39	6.15	4.59
MIN	.37	1.72	1.87	1.19	1.15	.89	.59	.48	.51	.50	.91	2.10

WTR YR 1981 MEAN 1.60 MAX 6.15 AUG 18 MIN .37 OCT 7

WELL NUMBER.--254157080214002. Local Number G 3074. USGS Observation Well near South Miami, Fl.

LOCATION.--Lat 25°41'57", long 80°21'40", in SW¼NE¼ sec.32, T.54 S., R.40 E., Hydrologic Unit 03090202, on north side of Snapper Creek Canal, 0.25 mi (0.40 km) northeast of the intersection at S.W. 107 Avenue and Sunset Drive, and 4.6 mi (7.4 km) west of South Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 40 ft (12.2 m), cased to 40 ft (12.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 4.67 ft (1.42 m) above land-surface datum.

DATUM.--Land-surface datum is 3.5 ft (1.07 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 5.39 ft (1.64 m) NGVD, Sept. 26, 1981; lowest, 2.18 ft (0.66 m) below NGVD, Feb. 3, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-0.94	.28	2.25	.80	.19	-0.48	-1.17	-1.92	-1.23	-0.82	.01	---
10	-0.07	-0.32	.09	-0.57	.14	-0.72	-1.30	-0.62	-0.76	-1.11	-0.20	---
15	.08	-0.01	-0.28	-0.55	.30	.05	-0.30	.23	-1.32	-1.34	-0.25	---
20	1.02	-0.50	.01	-0.67	1.53	-1.05	-1.33	-1.18	-1.81	-1.44	3.50	---
25	1.35	.17	-0.40	-0.58	.29	-0.90	-1.36	-1.34	.76	-1.56	2.35	2.43
EOM	.16	2.89	-0.48	-0.70	-0.12	-1.00	-1.80	-1.09	-1.39	-1.05	1.52	2.83
MEAN	.15	.34	.46	-0.51	.22	-0.65	-1.29	-1.02	-1.15	-1.12	1.28	2.98
MAX	1.39	2.89	2.89	.80	1.53	.05	-0.30	1.50	.76	.10	5.30	5.39
MIN	-1.06	-0.50	-0.51	-0.90	-0.76	-1.06	-1.80	-1.92	-1.81	-1.56	-1.00	.49

WTR YR 1981 MEAN -0.22 MAX 5.39 SEP 26 MIN -1.92 MAY 5 AND OTHERS

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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DADE COUNTY

WELL NUMBER.--254202080232601. Local Number G 799. USGS Observation Well near South Miami, Fl.

LOCATION.--Lat 25°42'02", long 80°23'26", in NW¼NE¼ sec.36, T.54 S., R.39 E., Hydrologic Unit at northeast corner of Sunset Drive and Southwest 122 Avenue near Miami-Dade Water and Sewer Authority Southwest well field, and 6.3 mi (10.2 km) west of South Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 7.57 ft (2.31 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1955 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 water level 8.00 ft (2.44 m) NGVD, Sept. 10, 1960; lowest, 0.59 ft (0.18 m) NGVD, May 9, 10, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.84	2.98	3.06	2.73	2.43	2.66	2.22	1.63	2.04	2.67	2.94	3.60
10	3.18	2.94	3.01	2.64	2.39	2.49	2.11	2.33	2.35	2.47	2.80	3.73
15	3.30	3.23	2.92	2.58	2.49	2.43	1.99	2.26	2.24	2.35	2.74	3.68
20	3.07	3.02	2.83	2.46	2.94	2.35	1.89	2.10	2.07	2.22	5.75	3.79
25	3.24	3.18	2.79	2.53	2.88	2.36	1.79	1.89	2.27	2.22	4.07	4.03
EOM	3.03	3.08	2.74	2.44	2.78	2.32	1.69	2.19	2.33	2.29	3.61	4.90
MEAN	3.09	3.06	2.91	2.58	2.60	2.46	1.99	2.06	2.22	2.38	3.72	4.12
MAX	3.39	3.23	3.09	2.74	2.96	2.75	2.30	2.33	2.35	2.68	7.35	7.20
MIN	2.83	2.93	2.74	2.44	2.38	2.32	1.69	1.61	2.01	2.20	2.27	3.44

WTR YR 1981 MEAN 2.77 MAX 7.35 AUG 18 MIN 1.61 MAY 6

WELL NUMBER.--254207080200301. Local Number G 595A. USGS Observation Well at South Miami, Fl.

LOCATION.--Lat 25°42'07", long 80°20'03", in NW¼NW¼ sec.34, T.54 S., R.40 E., Hydrologic Unit 03090202, on Galloway Road in South Miami, 150 ft (45.7 m) south of Sunset Drive, and 2.8 mi (4.5 km) west of U.S. Highway 1.

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

WELL CHARACTERISTICS.--Drilled, observation well, water-table well, diameter 6 in (12 cm), depth 40 ft (12.2 m), cased to 40 ft (12.2 m). (Revised).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 2.85 ft (0.87 m) above land-surface datum.

DATUM.--Land-surface datum is 8.90 ft (2.71 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 5.75 ft (1.75 m) NGVD, Sept. 27, 1981; lowest, 3.33 ft (1.01 m) below NGVD, Apr. 30, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	.67	1.45	-0.24	-0.69	-0.52	-0.56	-1.50	-3.02	-0.45	.05	.44	---
10	2.02	1.09	-0.23	-0.65	-0.92	-0.64	-1.56	-1.48	-0.04	-0.54	.26	---
15	2.13	1.45	-0.15	-1.15	-0.27	-0.65	-2.27	-1.10	-0.54	-1.23	.39	---
20	1.59	.82	-0.06	-0.53	.15	-0.55	-2.14	-0.54	-1.31	-0.69	4.37	---
25	1.36	.58	.57	-0.32	.14	-0.93	-3.13	-0.62	-0.95	.17	2.05	2.01
EOM	1.20	-0.19	.41	-0.85	-0.32	-1.01	-3.33	-0.24	-0.37	-0.20	---	3.88
MEAN	1.40	.98	.09	-0.62	-0.34	-0.70	-2.12	-1.30	-0.55	-0.45	1.46	4.44
MAX	2.22	1.46	.85	.29	.18	-0.44	-1.18	-0.24	-0.02	.26	4.92	5.75
MIN	.07	-0.19	-0.40	-1.17	-1.04	-1.20	-3.33	-3.29	-1.31	-1.23	-0.77	2.01

WTR YR 1981 MEAN -0.13 MAX 5.75 SEP 27 MIN -3.33 APR 30

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 SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.25, T.54 S., R.40 E., Hydrologic Unit 03090202, on west side of north 1st Street and Sunset Drive in South Miami, and 0.1 mi (0.2 km) south of U.S. Highway 1.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 17 ft (5 m), cased to 13 ft (4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.69 ft (0.83 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 11.12 ft (3.39 m) National Geodetic Vertical Datum of 1929.

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 water level, 9.86 ft (2.70 m) NGVD, Oct. 11, 1947; lowest, 0.47 ft (0.14 m) NGVD, May 17, 1945.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.18	2.42	2.41	2.10	2.00	2.14	1.82	1.65	1.97	2.16	2.41	2.09
10	2.89	2.39	2.33	2.06	1.97	2.07	1.77	2.32	1.97	2.06	2.31	2.63
15	2.70	2.84	2.26	2.01	2.03	2.02	1.65	2.17	1.88	1.98	2.43	2.48
20	2.48	2.41	2.26	1.98	2.40	2.00	1.63	1.94	1.86	2.11	4.22	2.54
25	2.49	2.57	2.19	2.09	2.33	2.00	1.59	1.78	1.83	2.08	2.64	3.19
EOM	2.45	2.47	2.15	2.01	2.22	1.93	1.58	1.89	2.09	2.04	2.10	4.04
MEAN	2.52	2.48	2.28	2.05	2.14	2.05	1.70	2.00	1.89	2.08	2.74	2.90
MAX	3.12	2.84	2.45	2.15	2.45	2.19	1.90	2.66	2.12	2.22	5.11	5.93
MIN	2.15	2.38	2.14	1.98	1.97	1.93	1.58	1.59	1.76	1.94	2.02	2.02

WTR YR 1981 MEAN 2.24 MAX 5.93 SEP 27 MIN 1.58 APR 29 AND OTHERS

WELL NUMBER.--254444080144801. Local Number F 179. USGS Observation Well near South Miami, Fl.

LOCATION.--Lat 25°44'44", long 80°14'48", in SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec.16, T.54 S., R.41 E., Hydrologic Unit 03090202, at northwest corner of Southwest 24th Terrace and 32nd Avenue, 0.5 mi (0.8 km) north of U.S. Highway 1, and 3.8 (6.1 km) northeast of South Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 77 ft (23 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.40 ft (0.73 m) above land-surface datum.

DATUM.--Land-surface datum is 8.77 ft (2.67 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated June 12 to Aug. 5.

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 water level, 7.21 ft (2.20 m) NGVD, Oct. 14, 1947; lowest, 0.69 ft (0.21 m) NGVD, March 18, 1943.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.27	2.84	2.28	1.89	1.80	2.04	1.71	1.83	2.21	2.28	2.55	2.95
10	3.34	2.61	2.13	1.80	1.79	1.96	1.66	2.16	2.11	2.18	2.23	2.93
15	3.63	3.05	2.04	1.76	1.88	1.95	1.57	2.72	1.96	2.10	2.36	2.90
20	2.92	2.87	2.04	1.73	2.46	1.94	1.61	2.24	2.00	2.15	4.70	3.71
25	2.65	2.77	1.95	1.88	2.27	1.93	1.63	2.07	1.91	2.25	3.52	6.01
EOM	2.98	2.49	1.90	1.84	2.10	1.88	1.67	2.25	2.05	2.16	3.18	5.25
MEAN	2.81	2.78	2.09	1.83	2.02	1.97	1.65	2.19	2.04	2.20	3.08	3.67
MAX	3.63	3.05	2.44	1.92	2.46	2.07	1.83	2.81	2.24	2.35	5.18	6.79
MIN	2.27	2.49	1.90	1.71	1.78	1.88	1.57	1.71	1.90	2.08	2.14	2.77

WTR YR 1981 MEAN 2.36 MAX 6.79 SEP 27 MIN 1.57 APR 15

DADE COUNTY

WELL NUMBER.--254500080360001. Local Number G 618. USGS Observation Well near Miami, Fl.

LOCATION.--25°45'00", long 80°36'00", in NE¼NE¼ sec.12, T.54 S., R.37 E., Hydrologic Unit 03090202, on south side of U.S. Highway 41, 6.1 mi (9.8 km) west of Krome Avenue, and 25 mi (40 km) west of Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m), cased to 11 ft (3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.75 ft (0.84 m) above land-surface datum.

DATUM.--Land-surface datum is 7.40 ft (2.26 m) National Geodetic Vertical Datum of 1929.

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 water level, 9.52 ft (2.90 m) NGVD, Nov. 2, 1960; lowest, 2.56 ft (0.78 m) NGVD, May 2, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.68	6.50	6.57	6.38	6.07	5.92	5.18	4.10	3.65	5.46	5.45	7.20
10	6.66	6.47	6.53	6.34	6.00	5.85	4.95	4.57	4.10	5.23	5.13	7.14
15	6.63	6.65	6.49	6.28	5.97	5.80	4.75	4.19	3.86	5.62	5.08	7.16
20	6.59	6.64	6.48	6.22	6.22	5.60	4.62	3.84	3.63	5.34	7.74	7.16
25	6.60	6.62	6.46	6.24	6.11	5.56	4.46	3.57	4.63	5.36	7.50	7.15
EOM	6.53	6.60	6.43	6.16	6.04	5.40	4.23	3.84	5.21	5.22	7.32	7.50
MEAN	6.60	6.57	6.50	6.28	6.07	5.74	4.78	4.09	4.22	5.35	6.38	7.24
MAX	6.68	6.66	6.60	6.41	6.24	6.02	5.35	4.64	5.25	5.62	7.06	7.51
MIN	6.53	6.47	6.43	6.16	5.92	5.40	4.23	3.52	3.53	5.12	5.04	7.09

WTR YR 1981 MEAN 5.82 MAX 7.86 AUG 18 MIN 3.52 MAY 26

WELL NUMBER.--254830080284201. Local Number G 1488. USGS Observation Well near Miami, Fl.

LOCATION.--Lat 25°48'30", long 80°28'42", in SW¼SW¼ sec.30, T.53 S., R.39 E., Hydrologic Unit 03090202, 20 ft (6 m) east of State Highway 27, 3 mi (5 km) north of U.S. Highway 41, and 13.0 mi (29.0 km) west of Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 7.43 ft (2.26 m) National Geodetic Vertical Datum of 1929.

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 water level, 7.51 ft (2.29 m) NGVD, Aug. 22, 1981; lowest, 3.06 ft (0.93 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.33	6.06	6.23	5.40	4.74	4.97	4.08	3.70	3.42	4.41	4.58	7.13
10	6.35	5.89	6.15	5.26	4.65	4.90	3.97	4.47	4.00	4.31	4.30	7.11
15	6.32	6.25	6.01	5.10	4.73	4.86	3.88	3.94	3.56	4.03	4.37	7.08
20	6.32	6.30	5.90	4.99	5.49	4.58	3.92	3.42	3.70	4.09	7.17	7.07
25	6.29	6.27	5.78	5.07	5.27	4.44	3.83	3.11	4.12	4.21	7.40	7.30
EOM	6.14	6.28	5.57	4.85	5.19	4.26	3.79	3.35	4.60	4.21	7.26	7.37
MEAN	6.30	6.17	5.98	5.15	4.96	4.73	3.94	3.73	3.86	4.23	5.78	7.17
MAX	6.36	6.34	6.27	5.53	5.55	5.15	4.21	4.66	4.67	4.47	7.51	7.37
MIN	6.14	5.89	5.57	4.85	4.64	4.26	3.79	3.06	3.07	4.03	4.16	7.07

WTR YR 1981 MEAN 5.17 MAX 7.51 AUG 22 MIN 3.06 MAY 26

DADE COUNTY

WELL NUMBER.--254832080175001. Local Number S 19. USGS Observation Well at Virginia Gardens, Fl.

LOCATION.--Lat 25°48'32", long 80°17'50", in NW¼NE¼ sec.25, T.53 S., R.40 E., Hydrologic Unit 03090202, at intersection of northwest 62 Avenue and 40th Street in Virginia Gardens, and 6.8 mi (10.9 km) west of Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 95 ft (29 m), cased to 91 ft (28 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.08 ft (0.33 m) above land-surface datum.

DATUM.--Land-surface datum is 7.24 ft (2.21 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Sept. 21-27.

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 water level, 7.63 ft (2.33 m) NGVD, Oct. 11, 1947; lowest, 1.41 ft (0.43 m) below NGVD, June 18-21, 1945.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	.21	.16	.00	-0.16	-0.21	.16	-0.27	-0.98	.76	.51	.84	1.30
10	.82	.06	-0.15	-0.22	-0.29	.39	-0.36	-0.10	1.13	.37	.81	3.01
15	.78	.23	-0.21	-0.25	.08	.42	-0.47	-0.02	1.07	.15	.81	1.68
20	.45	.35	-0.10	-0.28	.95	.06	-0.64	-0.16	.38	.14	3.46	1.54
25	.17	.09	.06	-0.07	.56	-0.19	-0.80	.00	.36	-0.06	2.61	2.25
EOM	-0.09	.18	-0.07	-0.27	.38	-0.23	-0.91	.52	.49	.01	2.01	3.08
MEAN	.36	.15	-0.06	-0.20	.17	.14	-0.53	-0.20	.67	.19	1.72	2.11
MAX	.82	.35	.20	-0.02	.95	.42	-0.22	.52	1.21	.53	3.77	3.90
MIN	-0.09	-0.11	-0.24	-0.37	-0.29	-0.23	-0.91	-1.01	.19	-0.16	.09	1.17

WTR YR 1981 MEAN .38 MAX 3.90 SEP 27 MIN -1.01 MAY 6

WELL NUMBER.--254857080171101. Local Number S 68. USGS Observation Well at Miami Springs, Fl.

LOCATION.--Lat 25°48'57", long 80°17'11", in SW¼NW¼ sec.19, T.53 S., R.41 E., Hydrologic Unit 03090202, in center of parkway, 75 ft (23 m) northeast of Deer Run in Miami Springs, and 6.4 mi (10.3 km) northwest of Miami.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 (15 cm), depth 61 ft (19 m), cased to 51 ft (16 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Metal strip attached to recorder shelf, 3.25 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 6.45 ft (1.97 m) National Geodetic Vertical Datum of 1929.

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 water level, 7.06 ft (2.15 m) NGVD, Oct. 12, 1947; lowest, 4.39 ft (1.34 m) below NGVD, May 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-3.35	-3.25	-3.22	-2.35	-3.11	-2.65	-2.80	-4.39	-1.52	-2.14	-1.52	-0.86
10	-2.69	-3.29	-3.45	-2.42	-3.58	-2.08	-2.98	-3.03	-0.90	-2.55	-1.94	.58
15	-2.58	-3.19	-3.60	-2.89	-3.23	-2.57	-3.60	-2.79	-1.29	-2.60	-2.07	-0.34
20	-2.71	-3.05	-2.56	-3.09	-2.38	-2.51	-4.07	-2.61	-2.73	-2.65	1.02	-0.92
25	-3.00	-3.27	-2.23	-3.06	-2.41	-2.73	-4.21	-2.29	-2.56	-2.90	.50	.12
EOM	-3.44	-2.78	-2.26	-3.08	-2.55	-2.23	-4.32	-1.78	-2.30	-2.44	-0.23	.86
MEAN	-2.94	-3.18	-2.88	-2.74	-2.95	-2.38	-3.50	-2.96	-1.92	-2.55	-0.78	-0.16
MAX	-2.38	-2.78	-1.95	-2.25	-2.29	-1.87	-2.24	-1.78	-0.90	-2.14	1.09	1.51
MIN	-3.44	-3.42	-3.60	-3.32	-3.70	-2.73	-4.32	-4.39	-2.73	-2.90	-2.33	-1.07

WTR YR 1981 MEAN -2.41 MAX 1.51 SEP 27 AND OTHERS MIN -4.39 MAY 5

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--254940080172001. Local Number G 1282. USGS Observation Well at Miami Springs, Fl.

LOCATION.--Lat 25°49'40", long 80°17'20", in NW¼ sec.18, T.53 S., R.41 E., Hydrologic Unit 03090202, 100 ft (30 m) southwest of Miami Canal on northeast side of Poinciana Blvd. at N.W. 56 Ave in Miami Springs.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 84 ft (26 m), cased to 57 ft (17 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.40 ft (1.04 m) above land-surface datum.

DATUM.--Land-surface datum is 6.80 ft (2.07 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Oct. 1 to Dec. 12.

PERIOD OF RECORD.--January 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 water level, 1.37 ft (0.42 m) NGVD, Oct. 7, 1967 and Sept. 12, 1971; lowest, 13.26 ft (4.04 m) below NGVD May 4, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-11.00	-11.15	-10.00	-10.83	-11.60	-8.25	-11.57	-13.23	-11.47	-8.65	---	---
10	-10.20	-11.47	-10.25	-10.96	-11.87	-10.54	-12.04	---	-11.10	-9.25	---	---
15	-9.75	-11.15	-9.48	-10.19	-10.25	-11.46	-12.74	---	-10.57	-9.26	---	---
20	-9.45	-11.12	-10.63	-11.57	-10.70	-11.24	-12.90	---	-11.92	---	---	---
25	-11.00	-8.94	-10.71	-10.50	-10.70	-10.79	-13.00	-9.55	---	---	---	---
EOM	-11.15	-9.78	-10.71	-10.94	-10.39	-10.60	-13.23	-9.62	-8.98	-9.79	---	---
MEAN	-10.44	-10.74	-10.26	-10.78	-10.99	-10.56	-12.38	-11.13	-10.96	-9.09	-7.25	-5.63
MAX	-9.45	-8.94	-9.02	-9.63	-9.15	-8.25	-10.73	-9.39	-8.98	-8.60	-5.15	-5.48
MIN	-11.25	-11.50	-10.73	-11.57	-11.92	-11.65	-13.23	-13.26	-11.92	-9.95	-9.78	-5.78

WTR YR 1981 MEAN -10.65 MAX -5.15 AUG 29 MIN -13.26 MAY 4

WELL NUMBER.--254943080121501. Local Number F 45. USGS Observation Well at Miami, Fl.

LOCATION.--Lat 25°49'43", long 80°12'15", in NE¼ sec.13, T.53 S., R.41 E., Hydrologic Unit 03090202, at corner of N.W. 58th Street and 5th Avenue in Miami, and 1.3 mi (2.1 km) 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 6 in (15 cm), depth 84.9 ft (25.9 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of lower lip of recorder, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 8.95 ft (2.73 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1939 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 water level, 9.10 ft (1.86 m) NGVD, Sept. 10, 24, 1960; lowest, 1.10 ft (0.34 m) NGVD, Apr. 14, 15, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.04	2.49	2.17	1.61	1.51	1.93	1.59	1.44	2.13	2.26	2.94	2.88
10	3.24	2.20	2.00	1.56	1.48	1.82	1.50	1.72	1.98	1.95	2.49	3.48
15	4.13	2.70	1.85	1.52	1.75	1.77	1.42	1.86	1.73	1.83	2.32	3.08
20	3.51	2.73	1.79	1.50	2.40	1.74	1.38	1.87	1.81	1.76	4.95	3.97
25	2.82	2.83	1.70	1.61	2.27	1.72	1.35	1.81	1.92	1.80	4.02	4.84
EOM	2.32	2.44	1.65	1.56	2.07	1.70	1.33	1.97	1.98	1.99	3.30	4.48
MEAN	2.88	2.54	1.90	1.57	1.85	1.82	1.45	1.75	1.90	1.97	3.34	3.65
MAX	4.14	2.84	2.37	1.65	2.42	2.04	1.67	1.97	2.13	2.29	4.95	4.95
MIN	1.81	2.20	1.65	1.49	1.48	1.70	1.33	1.43	1.59	1.75	1.95	2.86

WTR YR 1981 MEAN 2.22 MAX 4.95 AUG 20 AND OTHERS MIN 1.33 APR 30

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 SW¼ 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 (0.5 km) east of N.W. 57 Avenue.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 39 ft (11.9 m), cased to 38.4 ft (11.7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 8.20 ft (2.50 m) National Geodetic Vertical Datum of 1929.

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

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 4.05 ft (1.23 m) below NGVD, Sept. 21, 1981; lowest, 14.01 ft (4.15 m) below NGVD, Apr. 28, 29, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-11.07	-10.89	-9.70	-11.00	-11.56	-8.21	-12.66	---	---	-10.68	-11.30	-5.90
10	-9.90	-11.33	-9.94	-11.09	-11.78	-10.45	-13.02	---	---	-11.20	-10.80	-8.25
15	-9.60	-11.12	-10.16	-10.81	-10.20	-12.44	-13.70	---	---	-10.47	-10.25	-7.35
20	-9.12	-10.88	-10.69	-11.50	-10.61	-12.64	-13.72	-10.47	---	-12.14	-6.12	-4.15
25	-10.68	-9.24	-10.89	-10.53	-10.59	-11.56	-13.98	-10.70	---	-12.34	-5.78	-8.95
EOM	-11.09	-9.49	-10.93	-10.76	-10.31	-11.48	-13.98	-11.46	-10.97	-11.52	-6.60	---
MEAN	-10.33	-10.65	-10.26	-10.87	-10.87	-11.00	-13.38	-11.36	-11.31	-11.42	-8.48	-6.95
MAX	-9.12	-8.95	-8.99	-10.08	-8.98	-8.13	-11.98	-10.47	-10.97	-10.47	-5.70	-4.05
MIN	-11.37	-11.39	-10.96	-11.55	-11.80	-12.69	-14.01	-13.98	-11.65	-12.37	-11.55	-9.05

WTR YR 1981 MEAN -10.53 MAX -4.05 SEP 21 MIN -14.01 APR 28 AND OTHERS

WELL NUMBER.--254950080180801. Local Number G 3. USGS Observation Well at Miami Springs, Fl.

LOCATION.--Lat 25°49'50", long 80°18'08", in NE¼SW¼ sec.13, T.53 S., R.40 E., Hydrologic Unit 03090202, 0.30 mi (0.48 km) east of FEC borrow pit in Miami Springs, and 0.32 mi (0.51 km) west of Miami Dade Water and Sewer Authority Supply well S-16.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 0.30 ft (0.09 m) above land-surface datum.

DATUM.--Land-surface datum is 6.00 ft (1.83 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Determine effect of municipal pumping on ground-water levels. Water level readings estimated July 29 to Aug. 25 and Sept. 25-27.

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 water level, 7.68 ft (2.34 m) NGVD, Oct. 11, 1947; lowest, 3.77 ft (1.15 m) below NGVD, Apr. 14, 1978.

REVISIONS.--Revised figures of elevation, in feet NGVD, for water year 1980, superseding those published in WDR FL-80-2B, are given below:

Sept. 25.....	-1.35	Sept. 30.....	-1.68
Month	Mean	Max	Min
September 1980	-0.78	-0.08	-1.68
Wtr Yr 1980	-1.57	0.99 Oct. 2 and others	-3.01 Jan. 23 and others

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-1.93	-1.97	-2.04	-2.78	-2.82	-2.24	-2.03	-3.22	-2.05	-1.59	-1.55	-0.98
10	-1.86	-2.02	-2.18	-3.06	-2.80	-2.24	-2.42	-2.93	-1.86	-1.73	-1.75	-0.65
15	-1.84	-1.97	-2.42	-3.01	-2.51	-2.38	-2.74	-2.68	-2.10	-2.02	-1.90	-0.95
20	-1.76	-1.68	-2.60	-2.62	-2.00	-2.11	-2.95	-2.51	-2.39	-2.43	-0.45	-1.14
25	-1.83	-1.81	-2.36	-2.76	-1.98	-2.10	-3.11	-1.98	-1.82	-2.49	-0.50	.25
EOM	-2.07	-1.90	-2.27	-2.92	-2.07	-2.06	-3.21	-1.98	-1.77	-2.35	-0.80	1.35
MEAN	-1.86	-1.90	-2.28	-2.84	-2.46	-2.17	-2.67	-2.63	-1.98	-2.09	-1.21	-0.41
MAX	-1.70	-1.67	-1.93	-2.40	-1.94	-2.04	-2.03	-1.98	-1.77	-1.57	-0.40	1.85
MIN	-2.07	-2.11	-2.60	-3.15	-2.90	-2.38	-3.21	-3.22	-2.39	-2.58	-2.25	-1.14

WTR YR 1981 MEAN -2.04 MAX 1.85 SEP 27 MIN -3.22 MAY 1 AND OTHERS

DADE COUNTY

WELL NUMBER.--25500080204706. Local Number G 3060. USGS Observation Well near Medley, Fl.

LOCATION.--Lat 25°50'00", long 80°20'47", in NE¼SW¼ sec.16, T.53 S., R.40 E., Hydrologic Unit 03090202, in the Dade County landfill area, 0.5 mi (0.8 km) north of 58th Street, 0.8 mi (1.3 km) southwest of Medley, and 1.5 mi (2.4 km) west of the Palmetto Expressway.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm) depth 25 ft (8 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 5.00 ft (1.52 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1974 to December 1980 (discontinued).

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 4.93 ft (1.50 m) NGVD, Sept. 11, 12, 1976; lowest, 1.89 ft (0.58 m) NGVD, May 5, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.23	3.12	2.93									
10	3.30	2.96	2.92									
15	3.40	3.15	2.80									
20	3.40	3.26	2.71									
25	3.14	3.10	2.90									
EOM	2.95	3.04	2.90									
MEAN	3.26	3.13	2.87									
MAX	3.50	3.33	3.03									
MIN	2.95	2.94	2.71									

WTR YR 1981 MEAN 3.08 MAX 3.50 OCT 17 MIN 2.71 DEC 20

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

WELL NUMBER.--255003080163901. Local Number F 265. USGS Observation Well at Hialeah, Fl.

LOCATION.--Lat 25°50'03", long 80°16'39", in NE¼NE¼ sec.18, T.53 S., R.41 E., Hydrologic Unit 03090202, at southeast corner of East 2nd Avenue and 14th Street in Hialeah, and 1.0 mi (1.6 km) east of N.W. 57 Avenue.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 52.7 ft (16.1 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder base, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 7.25 ft (2.21 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Mar. 25 to May 20 and Aug. 18-24.

PERIOD OF RECORD.--July 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 water level, 3.24 ft (0.99 m) NGVD, June 5, 6, 1977; lowest, 2.05 ft (0.62 m) below NGVD, Apr. 23, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-0.94	-0.55	-0.66	-1.25	-1.43	-0.60	-1.18	-1.76	-0.82	-0.30	-0.18	1.00
10	-0.14	-0.82	-0.83	-1.34	-1.54	-0.68	-1.30	-1.16	-0.82	-0.59	-0.19	1.40
15	-0.12	-0.63	-0.91	-1.30	-1.07	-0.88	-1.42	-0.65	-0.99	-0.90	-0.22	1.32
20	-0.08	-0.48	-1.07	-1.41	-0.19	-1.06	-1.60	-0.67	-1.05	-1.00	2.50	1.78
25	-0.39	-0.52	-1.15	-1.30	-0.32	-1.00	-1.68	-0.78	-0.74	-0.90	2.16	2.42
EOM	-0.75	-0.50	-1.21	-1.21	-0.48	-1.05	-1.75	-0.87	-0.45	-0.78	1.57	2.93
MEAN	-0.41	-0.59	-0.93	-1.30	-0.94	-0.84	-1.44	-1.04	-0.85	-0.72	.85	1.61
MAX	-0.06	-0.46	-0.54	-1.20	-0.17	-0.57	-1.07	-0.65	-0.45	-0.21	2.60	2.99
MIN	-0.94	-0.83	-1.21	-1.45	-1.54	-1.08	-1.75	-1.77	-1.15	-1.01	-0.80	1.00

WTR YR 1981 MEAN -0.55 MAX 2.99 SEP 29 MIN -1.77 MAY 2

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--255006080172501. Local Number G 1280. USGS Observation Well at Hialeah, Fl.

LOCATION.--Lat 25°50'06", long 80°17'25", in SE¼ sec.13, T.53 S., R.40 E., Hydrologic Unit 03090202, 200 ft (61 m) west of Red Road at Junction with West 15th Street in Hialeah, and 0.4 mi (0.7 km) north of U.S. 27.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 122 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 54 ft (16 m), cased to 40 ft (12 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 6.94 ft (2.12 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1967 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 water level, 3.51 ft (1.07 m) NGVD, Aug. 5, 1967; lowest, 5.38 ft (1.64 m) below NGVD, May 6, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-4.22	-4.11	-3.76	-4.29	-4.38	-3.33	-4.33	-5.36	-3.98	-3.15	-3.23	-2.04
10	-3.72	-4.26	-3.90	-4.39	-4.54	-3.72	-4.46	-4.59	-3.71	-3.34	-3.08	-2.02
15	-3.57	-3.98	-3.99	-4.33	-3.89	-4.19	-4.79	-4.05	-4.11	-3.58	-2.95	-1.86
20	-3.41	-3.82	-4.13	-4.51	-3.46	-4.37	-4.98	-3.82	-4.23	-3.66	-0.31	-1.42
25	-3.87	-3.66	-4.19	-4.21	-3.55	-4.21	-5.06	-3.82	-3.71	-3.91	-0.82	-1.34
EOM	-4.19	-3.63	-4.21	-4.07	-3.64	-4.18	-5.25	-3.78	-3.40	-3.75	-1.57	-0.81
MEAN	-3.84	-3.95	-4.00	-4.30	-3.99	-3.97	-4.73	-4.33	-3.87	-3.54	-2.07	-1.63
MAX	-3.41	-3.58	-3.63	-4.03	-3.44	-3.30	-4.21	-3.78	-3.40	-3.12	-0.31	-0.35
MIN	-4.25	-4.26	-4.21	-4.51	-4.54	-4.37	-5.25	-5.38	-4.26	-3.93	-3.76	-2.16

WTR YR 1981 MEAN -3.69 MAX -0.31 AUG 19 AND OTHERS MIN -5.38 MAY 6

WELL NUMBER.--255006080172502. Local Number G 1281. USGS Observation Well at Hialeah, Fl.

LOCATION.--Lat 25°50'06", long 80°17'25", in SE¼ sec.13, T.53 S., R.40 E., Hydrologic Unit 03090202, 200 ft (61 m) west of Red Road at junction with West 15th Street in Hialeah, and 0.4 mi (0.7 km) north of U.S. 27.

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

WELL CHARACTERISTICS.--Drilled, observation, water-level well, diameter 6 in (15 cm), 17 ft (5 m), cased to 11.5 ft (3.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.06 ft (0.93 m) above land-surface datum.

DATUM.--Land-surface datum is 6.98 ft (2.13 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1967 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 water level, 3.71 ft (1.13 m) NGVD, Oct. 6, 1967; lowest, 3.67 ft (1.12 m) below NGVD, Mar. 31, Apr. 1, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-2.67	-2.56	-2.33	-2.70	-2.70	-1.97	-2.57	-3.41	-2.30	-1.58	-1.56	-0.77
10	-2.33	-2.66	-2.44	-2.79	-2.80	-2.27	-2.65	-2.84	-2.12	-1.72	-1.46	-0.57
15	-2.25	-2.43	-2.50	-2.77	-2.37	-2.46	-2.91	-2.53	-2.45	-1.94	-1.31	-0.57
20	-2.14	-2.31	-2.58	-2.84	-1.88	-2.61	-3.07	-2.33	-2.43	-1.90	1.01	-0.37
25	-2.40	-2.30	-2.63	-2.63	-1.98	-2.56	-3.15	-2.31	-2.10	-2.12	.37	.13
EOM	-2.64	-2.26	-2.64	-2.52	-2.08	-2.52	-3.29	-2.24	-1.82	-2.01	-0.36	.58
MEAN	-2.41	-2.44	-2.50	-2.71	-2.38	-2.37	-2.89	-2.67	-2.24	-1.87	-0.61	-0.33
MAX	-2.14	-2.23	-2.26	-2.51	-1.86	-1.95	-2.52	-2.23	-1.82	-1.55	1.09	1.06
MIN	-2.67	-2.67	-2.64	-2.84	-2.80	-2.63	-3.29	-3.43	-2.54	-2.12	-2.94	-0.85

WTR YR 1981 MEAN -2.12 MAX 1.09 AUG 18 AND OTHERS MIN -3.43 MAY 6

DADE COUNTY

WELL NUMBER.--255008080161801. Local Number F 239. USGS Observation Well at Hialeah, Fl.

LOCATION.--Lat 25°50'80", long 80°16'18", in NW¼ sec.17, T.53 S., R.41 E., Hydrologic Unit 03090202, 20 ft (6.1 m) north of East 15th Street, 50 ft (15.2 m) east of 5th Avenue in Hialeah, and 1.3 mi (2.1 km) east of N.W. 57 Avenue.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 122 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 52.8 ft (16.1 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.00 ft (0.305 m) above land-surface datum.

DATUM.--Land-surface datum is 8.91 ft (2.72 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Sept. 1-28.

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 water level, 3.71 ft (1.13 m) NGVD, Oct. 31, 1969; lowest, 1.44 ft (0.44 m) below NGVD, Apr. 23, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-0.50	-0.08	-0.25	-0.79	-0.89	-0.14	-0.72	-1.35	-0.37	.22	.33	1.40
10	.30	-0.34	-0.43	-0.84	-0.98	-0.29	-0.86	-0.73	-0.36	.03	.23	1.80
15	.27	-0.15	-0.54	-0.84	-0.58	-0.45	-1.03	-0.34	-0.49	-0.28	.18	1.68
20	.31	.01	-0.64	-0.92	.38	-0.58	-1.14	-0.34	-0.57	-0.46	2.97	2.25
25	.01	-0.07	-0.71	-0.83	.21	-0.62	-1.24	-0.40	-0.20	-0.43	2.74	2.80
EOM	-0.30	-0.09	-0.76	-0.80	.04	-0.60	-1.32	-0.44	.04	-0.30	1.91	3.28
MEAN	.01	-0.13	-0.52	-0.84	-0.41	-0.40	-1.01	-0.65	-0.37	-0.18	1.32	2.00
MAX	.34	.02	-0.12	-0.76	.40	-0.01	-0.62	-0.32	.04	.23	3.15	3.37
MIN	-0.50	-0.35	-0.76	-0.97	-0.98	-0.62	-1.32	-1.37	-0.70	-0.49	-0.32	1.40

WTR YR 1981 MEAN -0.10 MAX 3.37 SEP 29 MIN -1.37 MAY 6

WELL NUMBER.--255023080202301. Local Number G 976. USGS Observation Well near Miami Springs, Fl.

LOCATION.--Lat 25°49'25", long 80°25'46", in NE¼ sec.22, T.53 S., R.39 E., Hydrologic Unit 03090202, 1.0 mi (1.6 km) east of Dade Broward Levee, 5.25 mi (8.45 km) north of U.S. Highway 41, and 7 mi (11 km) west of Miami Springs.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 15 ft (4.57 m).

REVISED RECORDS.--WDR FL-79-2B: 1978.

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 7.00 ft (2.13 m) above land-surface datum.

DATUM.--Land-surface datum is 5.32 ft (1.62 m) National Geodetic Vertical Datum of 1929.

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 water level, 6.72 ft (2.05 m) NGVD, Sept. 10, 30, 1960; lowest, 2.00 ft (0.61 m) NGVD, May 31, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.05	4.78	4.92	4.06	3.70	3.95	3.22	2.64	3.00	3.90	4.10	6.01
10	5.08	4.51	4.69	3.95	3.67	3.93	3.06	3.95	3.32	3.51	3.68	5.93
15	5.20	5.20	4.51	3.84	3.96	3.83	2.93	4.05	2.99	3.34	3.94	5.95
20	4.98	5.02	4.43	3.80	4.88	3.55	2.86	3.06	4.03	3.34	6.07	5.92
25	4.96	4.87	4.34	4.08	4.46	3.54	2.79	2.67	3.90	3.57	6.19	5.96
EOM	4.66	5.05	4.18	3.80	4.27	3.43	2.71	2.72	4.12	3.52	6.09	6.07
MEAN	4.99	4.91	4.57	3.94	4.11	3.78	2.97	3.21	3.39	3.57	4.98	5.99
MAX	5.22	5.20	5.09	4.15	5.02	4.22	3.38	4.35	4.55	4.14	6.27	6.07
MIN	4.66	4.51	4.18	3.77	3.66	3.43	2.71	2.61	2.58	3.18	3.46	5.87

WTR YR 1981 MEAN 4.20 MAX 6.27 AUG 21 MIN 2.58 JUN 3

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--255024080185801. Local Number G 3232. USGS Observation Well at Medley, Fl.

LOCATION.--Lat 25°50'24", long 80°18'58", in NE¼ sec.14, T.53 S., R.40 E., Hydrologic Unit 03090202, in Miami Medley well field, 0.1 mi (0.2 km) east of Northwest 72nd Avenue and 0.2 mi (0.3 km) north of Northwest 70th Street.

AQUIFER.--Biscayne limestone aquifer of Pleistocene Age, Geologic Unit 122 BSCNN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 35 ft (11 m), cased to 35 ft (11 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 4.00 ft (1.22 m), above land-surface datum.

DATUM.--Land-surface datum is 5.57 ft (1.70 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Apr. 25 to May 17, 1979, Apr. 6 to June 18, 1980, and Dec. 26, 1980 to Jan. 23, 1981.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 5.84 ft (1.78 m) NGVD, Aug. 18, 1981; lowest, 0.49 ft (.15 m) below NGVD, Apr. 30, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1978 TO SEPTEMBER 1979
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5					---	1.97	1.80	4.00	2.37	1.98	2.17	2.42
10					---	1.95	1.89	3.30	2.11	2.46	2.14	2.45
15					1.86	1.92	1.85	2.80	2.05	2.59	2.07	2.83
20					1.94	1.88	1.72	2.61	2.45	2.62	2.28	2.34
25					1.99	1.82	5.00	2.26	2.15	2.27	2.23	2.61
EOM					1.99	1.73	4.90	2.59	2.01	1.91	2.09	3.45
MEAN					1.94	1.89	2.43	3.14	2.22	2.24	2.18	2.61
MAX					2.00	1.99	5.00	4.95	2.66	2.77	2.31	3.47
MIN					1.86	1.68	1.70	2.20	1.95	1.91	2.07	2.02
WTR YR 1979	MEAN	2.36	MAX	5.00 APR 25	MIN	1.68 MAR 30						

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.84	2.28	1.86	1.88	2.01	2.27	2.58	2.70	2.25	1.02	2.02	2.95
10	2.61	2.17	2.57	1.84	2.03	2.10	4.64	2.50	2.11	.72	1.72	2.70
15	3.38	2.16	2.19	1.89	2.01	1.99	4.00	2.40	2.25	2.23	1.64	3.17
20	2.70	2.12	2.00	1.98	2.14	1.87	3.70	2.27	1.18	4.06	1.87	2.55
25	2.52	1.99	2.03	1.92	2.21	2.07	3.40	2.35	1.92	2.24	2.52	2.67
EOM	2.28	1.97	1.95	2.17	1.93	2.18	3.05	2.48	2.34	1.86	2.22	2.35
MEAN	2.73	2.12	2.13	1.98	2.07	2.12	3.55	2.49	2.04	1.92	2.02	2.73
MAX	3.43	2.28	3.14	2.62	2.21	2.84	4.65	3.00	2.45	4.08	2.52	3.24
MIN	2.28	1.94	1.84	1.82	1.93	1.87	2.18	2.25	1.02	.72	1.64	2.20
WTR YR 1980	MEAN	2.32	MAX	4.65 APR 9	MIN	.72 JUL 10 AND OTHERS						

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.29	2.15	2.16	1.45	2.13	.55	.94	.25	2.27	2.65	2.67	3.30
10	2.46	2.10	2.16	1.15	2.16	1.01	1.02	2.29	2.24	2.29	2.49	4.31
15	2.41	2.17	2.21	1.15	2.00	1.00	.80	2.33	1.85	2.06	2.72	3.68
20	2.46	2.39	1.70	1.58	3.20	.95	.73	2.09	2.47	2.53	4.47	3.63
25	2.35	2.30	1.75	1.42	2.57	.96	-0.30	2.09	2.39	2.24	3.80	5.12
EOM	2.07	2.47	1.95	1.30	2.44	.83	-0.49	2.31	2.50	2.20	3.81	3.80
MEAN	2.25	2.24	1.99	1.35	2.39	1.02	.62	1.83	2.16	2.33	3.34	3.90
MAX	2.57	2.47	2.45	1.85	3.55	2.48	1.71	2.33	2.56	2.69	5.84	5.53
MIN	.90	2.04	1.30	1.05	1.75	.41	-0.49	-0.33	1.12	1.89	2.18	3.30
WTR YR 1981	MEAN	2.11	MAX	5.84 AUG 18	MIN	-0.49 APR 30						

DADE COUNTY

WELL NUMBER.--255207080241301. Local Number G 974. USGS Observation Well near Pennsuco, Fl.

LOCATION.--Lat 25°52'07", long 80°24'13, in NW¼NE¼ sec.2, T.53 S., R.39 E., Hydrologic Unit 03090202, 1.75 mi (2.82 km) west of junction of Russian Colony Canal and Snapper Creek Canal, and 3.0 mi (4.8 km) southwest of Pennsuco.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 15 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 7.00 ft (2.13 m) above land-surface datum.

DATUM.--Land-surface datum is 4.58 ft (1.40 m) National Geodetic Vertical Datum of 1929.

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 water level, 6.60 ft (2.01 m) NGVD, Sept. 25, and Nov. 22, 1959; lowest, 1.65 ft (0.50 m) NGVD, May 31, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.11	3.56	3.69	3.11	3.03	3.17	2.57	2.05	2.34	3.27	3.20	5.61
10	4.07	3.39	3.54	3.05	3.04	3.04	2.46	2.81	2.72	3.00	3.06	5.58
15	4.15	4.21	3.40	2.96	3.23	2.95	2.36	2.75	2.58	2.72	3.10	5.56
20	3.84	3.98	3.34	2.95	3.89	2.82	2.28	2.50	2.78	2.74	5.64	5.54
25	3.76	3.81	3.30	3.14	3.66	2.72	2.21	2.28	2.92	2.69	5.77	5.54
EOM	3.53	3.86	3.17	3.08	3.51	2.68	2.13	2.32	3.24	2.81	5.76	5.63
MEAN	3.93	3.80	3.45	3.06	3.33	2.97	2.37	2.47	2.70	2.93	4.33	5.59
MAX	4.37	4.25	3.82	3.20	4.07	3.45	2.66	3.10	3.32	3.34	5.79	5.73
MIN	3.53	3.39	3.17	2.95	3.01	2.68	2.13	2.03	2.24	2.58	2.78	5.42

WTR YR 1981 MEAN 3.41 MAX 5.79 AUG 29 MIN 2.03 MAY 6

WELL NUMBER.--255208080274001. Local Number G 975. USGS Observation Well near Pennsuco, Fl.

LOCATION.--Lat 25°52'08", long 80°27'40", in SW¼SE¼ sec.32, T.52 S., R.38 E., Hydrologic Unit 03090202, 1.0 mi (1.6 km) southwest of junction of Pennsuco Canal and Dade Broward Levee, 5.5 mi (8.8 km) southwest of Pennsuco, and 7.5 mi (12.1 km) north of U.S. Highway 41.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 15 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing 7.00 ft (2.13 m) above land-surface datum.

DATUM.--Land-surface datum is 7.45 ft (2.27 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated July 28 to Sept. 30.

PERIOD OF RECORD.--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 water level, 8.78 ft (2.68 m) NGVD, Oct. 14, 1960; lowest, 2.07 ft (0.63 m) NGVD, June 2, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.80	5.41	5.64	4.75	4.02	4.41	3.49	2.99	2.72	4.14	4.60	6.50
10	5.80	5.22	5.53	4.57	3.94	4.27	3.30	3.84	3.77	3.90	4.20	6.42
15	5.82	5.68	5.33	4.42	4.14	4.33	3.19	3.50	3.19	3.96	4.41	6.46
20	5.72	5.70	5.15	4.32	4.90	3.97	3.16	3.02	2.83	3.87	6.55	6.42
25	5.69	5.67	5.03	4.58	4.62	3.88	3.11	2.69	3.43	3.97	6.65	6.45
EOM	5.54	5.66	4.87	4.28	4.56	3.67	3.06	2.72	4.29	3.92	6.56	6.56
MEAN	5.73	5.57	5.30	4.52	4.31	4.17	3.26	3.16	3.37	3.94	5.45	6.47
MAX	5.84	5.71	5.65	4.83	4.95	4.55	3.63	3.85	4.34	4.29	6.73	6.56
MIN	5.54	5.22	4.87	4.28	3.93	3.67	3.06	2.64	2.57	3.61	4.05	6.41

WTR YR 1981 MEAN 4.61 MAX 6.73 AUG 22 MIN 2.57 JUN 3

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 NE¼NE¼ sec.5, T.53 S., R.40 E., Hydrologic Unit 09030202, on Russian Colony Road, 0.5 mi (0.8 km) north of Medley, and 1.0 mi (1.6 km) west of Miami Canal.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 15 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 7.00 ft (2.13 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water level readings estimated June 21 to July 27.

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 water level, 6.19 ft (1.89 m) NGVD, July 25, 1958; lowest, 0.92 ft (0.28 m) NGVD, May 31, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.67	2.68	2.59	2.38	2.42	2.38	2.19	1.92	2.61	2.60	2.88	4.08
10	2.53	2.72	2.56	2.34	2.44	2.47	2.09	2.56	2.60	2.42	2.65	4.24
15	2.58	2.63	2.49	2.29	2.61	2.36	2.06	2.56	2.22	2.25	2.67	4.29
20	2.50	2.56	2.49	2.35	2.79	2.39	2.05	2.35	2.76	2.30	4.43	4.12
25	2.98	2.55	2.48	2.54	2.61	2.33	2.03	2.33	2.46	2.49	4.34	4.15
EOM	2.70	2.59	2.42	2.43	2.48	2.25	1.98	2.43	2.55	2.45	4.29	4.32
MEAN	2.67	2.65	2.51	2.39	2.60	2.36	2.09	2.38	2.48	2.44	3.50	4.19
MAX	2.98	2.92	2.61	2.54	3.56	2.50	2.24	3.05	2.76	2.80	4.52	4.35
MIN	2.50	2.54	2.42	2.29	2.42	2.24	1.98	1.92	2.19	2.19	2.42	3.90

WTR YR 1981 MEAN 2.69 MAX 4.52 AUG 18 MIN 1.92 MAY 5 AND OTHERS

WELL NUMBER.--255342080195501. Local Number G 1166. USGS Observation Well near Hialeah, Fl.

LOCATION.--Lat 25°53'42", long 80°19'55", in SE¼NE¼ sec.27, T.52 S., R.40 E., Hydrologic Unit 03090202, 0.25 mi (0.40 km) south of 138 street, 0.5 mi (0.8 km) west of Palmetto Expressway, and 1.2 mi (1.9 km) west of Hialeah.

AQUIFER.--Nonartesian sand aquifer of Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 18 ft (5 m), cased to 10.5 ft (3.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.81 m) above land-surface datum.

DATUM.--Land-surface datum is 4.80 ft (1.46 m) National Geodetic Vertical Datum of 1929.

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 water level, 6.92 ft (2.11 m) NGVD, Aug. 27, 1964; lowest, 1.33 ft (0.41 m) NGVD, April 23-28, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.02	2.04	2.09	1.99	2.04	2.12	2.05	1.80	2.59	2.42	2.68	2.31
10	2.17	2.03	2.05	1.99	2.04	2.10	2.00	2.42	2.42	2.11	2.53	2.60
15	2.50	2.34	2.02	1.99	2.13	2.12	1.90	2.71	2.06	2.05	2.49	2.58
20	2.22	2.13	2.00	2.02	3.34	2.00	1.91	2.37	2.13	2.34	3.79	2.29
25	2.12	2.15	1.99	2.08	2.26	1.99	1.89	2.26	2.14	2.60	2.78	3.67
EOM	2.07	2.12	1.98	2.05	2.15	2.07	1.87	2.42	2.33	2.55	2.47	2.82
MEAN	2.18	2.12	2.03	2.02	2.27	2.08	1.95	2.32	2.27	2.34	2.87	2.63
MAX	2.51	2.34	2.10	2.08	3.81	2.15	2.05	2.93	2.66	2.65	4.62	3.67
MIN	1.99	1.99	1.98	1.98	2.04	1.99	1.87	1.79	2.00	2.05	2.47	2.29

WTR YR 1981 MEAN 2.26 MAX 4.62 AUG 18 MIN 1.79 MAY 6

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 SE¼NW¼ sec.20, T.52 S., R.42 E., Hydrologic Unit 03090202, at corner of Northeast 12th Avenue and 147 Street in North Miami Beach, and 1.3 mi (2.1 km) 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 6 in (15 cm), depth 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 6.14 ft (1.87 m) National Geodetic Vertical Datum of 1929.

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 water level, 6.35 ft (1.94 m) NGVD, Oct. 1, 1968; lowest, 0.17 ft (0.05 m) NGVD, May 31, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.15	2.37	2.18	1.92	1.89	2.37	1.83	1.57	2.24	3.00	2.67	2.64
10	2.56	2.23	2.07	1.88	1.87	2.20	1.74	1.84	2.31	2.40	2.49	3.13
15	5.37	2.80	2.01	1.84	2.37	2.11	1.63	2.32	2.12	2.23	2.32	2.90
20	4.05	2.64	1.98	1.92	4.04	2.10	1.58	2.16	2.87	2.07	4.77	3.85
25	3.16	2.47	1.98	2.00	3.21	2.03	1.52	2.02	3.09	2.40	3.59	3.87
EOM	2.53	2.31	1.94	1.94	2.80	1.96	1.52	2.38	2.66	2.27	2.89	3.77
MEAN	3.11	2.46	2.05	1.92	2.57	2.18	1.67	2.00	2.44	2.46	3.10	3.22
MAX	5.37	2.83	2.28	2.00	4.04	2.69	1.93	2.38	3.09	3.26	4.77	4.35
MIN	1.97	2.23	1.94	1.84	1.86	1.96	1.51	1.50	1.90	2.07	2.25	2.55

WTR YR 1981 MEAN 2.43 MAX 5.37 OCT 15 MIN 1.50 MAY 1

WELL NUMBER.--255522080261401. Local Number G 972. USGS Observation Well near Hialeah, Fl.

LOCATION.--Lat 25°55'22", long 80°26'14", in SE¼SE¼ sec.16, T.52 S., R.39 E., Hydrologic Unit 03090202, 1.5 mi (2.4 m) southwest of junction of Dade-Broward levee and levee 30, and 12.4 mi (20.0 km) northwest of Hialeah.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 15 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 9.87 ft (3.01 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Jan. 10 to Mar. 1.

PERIOD OF RECORD.--January 1958 to May 1981 (temporarily discontinued). Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 6.07 ft (1.85 m) NGVD, Sept. 26-28, 1959; lowest, 1.64 ft (0.50 m) NGVD, June 2, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.13	4.73	5.02	4.32	3.75	4.10	3.41	3.26				
10	5.13	4.61	4.83	4.22	3.60	3.93	3.40	3.73				
15	5.19	5.36	4.68	4.10	3.81	3.96	3.33	3.16				
20	5.20	5.31	4.65	4.00	4.75	3.69	3.44	2.80				
25	5.01	5.22	4.55	4.23	4.55	3.60	3.36	---				
EOM	4.80	5.18	4.43	3.95	4.37	3.56	3.36	---				
MEAN	5.09	5.09	4.74	4.16	4.05	3.90	3.39	3.26				
MAX	5.22	5.37	5.14	4.42	4.75	4.34	3.53	3.99				
MIN	4.80	4.61	4.43	3.95	3.60	3.49	3.30	2.79				

WTR YR 1981 MEAN 4.24 MAX 5.37 NOV 11 MIN 2.79 MAY 24

DADE COUNTY

WELL NUMBER.--255526080143001. Local Number S 18. USGS Observation Well near Opa-locka, Fl.

LOCATION.--Lat 25°55'26", long 80°14'30", in NW¼NW¼ sec.15, T.52 S., R.41 E., Hydrologic Unit 03090202, in pasture at Model Dairy, 0.2 mi (0.3 km) south of State Highway 826, 0.2 mi (0.3 km) east of Northwest 27th Avenue, and 1.3 mi (2.1 km) north of Opa-locka.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in (20 cm), depth 52 ft (16 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 9.12 ft (2.78 m) National Geodetic Vertical Datum of 1929.

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 water level, 7.54 ft (2.30 m) NGVD, Oct. 12, 1947; lowest, 0.05 ft (0.02 m) NGVD, June 3, 1945.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.79	1.90	1.93	1.75	1.77	2.05	1.74	1.39	2.29	2.26	2.61	2.17
10	2.03	1.83	1.86	1.73	1.75	1.96	1.65	2.06	2.20	2.03	2.36	2.16
15	3.43	2.43	1.82	1.70	2.06	1.96	1.55	2.12	1.93	1.92	2.29	2.24
20	2.53	2.16	1.78	1.78	3.93	1.89	1.51	2.04	1.94	2.00	3.84	3.00
25	2.16	2.19	1.79	1.87	2.60	1.86	1.49	1.93	2.30	2.49	2.83	3.12
EOM	1.98	1.98	1.76	1.79	2.24	1.82	1.44	2.15	2.26	2.40	2.37	3.05
MEAN	2.25	2.04	1.83	1.77	2.28	1.94	1.59	1.92	2.13	2.20	2.77	2.53
MAX	3.43	2.43	1.98	1.87	4.06	2.17	1.79	2.15	2.32	2.52	4.55	3.42
MIN	1.76	1.83	1.75	1.70	1.75	1.82	1.44	1.38	1.78	1.84	2.28	2.13
WTR YR 1981	MEAN	2.10	MAX	4.55	AUG 18	MIN	1.38	MAY 6				

WELL NUMBER.--255600080270001. Local Number G 968. USGS Observation Well near Carol City, Fl.

LOCATION.--Lat 25°56'00", long 80°27'00", in NE¼NE¼ sec.9, T.52 S., R.39 E., Hydrologic Unit 03090202, 100 ft (30 m) from the northwest side of levee 30, 1 mi (1.6 km) southwest of Miami Canal, 1.3 mi (2.1 km) south of Dade and Broward County Line, and 10 mi (16 km) west of Carol City.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 16 in (41 cm), depth 50 ft (15 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing 5.00 ft (1.52 m) above land-surface datum.

DATUM.--Land-surface datum is 5.85 ft (1.78 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Mar. 16 to May 14 and Aug. 21 to Sept. 30.

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 water level, 7.67 ft (2.34 m) NGVD, Oct. 1, 1979; lowest, 1.70 ft (0.52 m) NGVD, May 31, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	6.60	6.28	6.47	5.78	5.30	5.45	4.50	3.97	3.91	4.27	4.45	7.00
10	6.62	6.28	6.29	5.68	5.18	5.21	4.30	4.85	4.21	4.17	4.09	6.97
15	6.62	6.62	6.18	5.52	5.12	5.02	4.20	4.18	3.65	3.87	4.46	6.99
20	6.52	6.73	6.13	5.47	5.98	4.95	4.11	3.91	4.02	4.13	7.12	6.94
25	6.40	6.63	6.11	5.63	5.67	5.00	4.09	3.72	4.10	4.20	7.15	6.83
EOM	6.40	6.62	5.93	5.44	5.60	4.73	4.07	3.81	4.45	4.11	7.17	7.02
MEAN	6.54	6.51	6.23	5.62	5.44	5.11	4.25	4.13	3.98	4.14	5.62	6.98
MAX	6.65	6.75	6.60	5.90	6.05	5.55	4.68	4.85	4.53	4.45	7.19	7.15
MIN	6.40	6.23	5.93	5.44	5.05	4.73	4.07	3.68	3.38	3.85	4.04	6.82
WTR YR 1981	MEAN	5.38	MAX	7.19	AUG 29	MIN	3.38	JUN 19				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

DADE COUNTY

WELL NUMBER.--255707080255001. Local Number G 1637. USGS Observation Well near Hialeah, Fl.

LOCATION.--Lat 25°57'07", long 80°25'50", in SW¼ sec.3, T.52 S., R.39 E., Hydrologic Unit 03090202, at entrance to Opa Locka West Training Airport, 1000 ft (305 m) northeast of the intersection of U.S. Highway 27 and State Highway 27, and 10.0 mi (16.1 km) northwest of Hialeah.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 26 ft (8 m), cased to 26 ft (8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 7.00 ft (2.13 m) National Geodetic Vertical Datum of 1929.

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 water level, 6.72 ft (2.04 m) NGVD estimated, Apr. 26, 1979; lowest, 2.19 ft (0.67 m) NGVD, April 26, 1973.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.24	4.14	4.31	3.90	3.70	3.77	3.20	3.00	3.49	3.43	3.61	4.92
10	4.27	4.06	4.22	3.81	3.73	3.67	3.24	3.19	4.13	3.30	3.24	5.02
15	4.48	4.76	4.10	3.74	3.84	3.57	3.12	3.07	3.27	2.97	3.88	5.02
20	4.23	4.46	4.09	3.75	4.79	3.37	3.22	2.79	3.99	3.56	5.18	4.84
25	4.22	4.42	4.08	3.95	4.20	3.40	3.15	2.97	3.55	3.42	5.10	5.07
EOM	4.19	4.43	3.97	3.75	3.88	3.37	3.06	3.16	3.64	3.33	4.95	5.08
MEAN	4.26	4.37	4.15	3.84	4.03	3.61	3.19	3.05	3.53	3.36	4.25	4.98
MAX	4.49	4.76	4.44	4.11	4.89	3.98	3.35	3.49	4.41	3.68	5.30	5.17
MIN	4.12	4.04	3.97	3.74	3.69	3.37	3.05	2.78	2.89	2.97	3.24	4.78

WTR YR 1981 MEAN 3.88 MAX 5.30 AUG 18 MIN 2.78 MAY 19

WELL NUMBER.--255709080223701. Local Number G 970. USGS Observation Well near Carol City, Fl.

LOCATION.--Lat 25°57'09", long 80°22'37", in SE¼ sec.6, T.52 S., R.40 E., Hydrologic Unit 03090202, 0.5 mi (0.8 km) south of Snake Creek, 3.5 mi (5.6 km) east of U.S. Highway 27, and 6.0 mi (9.6 km) west of Carol City.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 15 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 7.00 ft (2.13 m) above land-surface datum.

DATUM.--Land-surface datum is 3.75 ft (1.14 m) National Geodetic Vertical Datum of 1929.

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 water level, 5.52 ft (1.68 m) NGVD, Nov. 22, 1959; lowest, 1.35 ft (0.41 m) NGVD, May 31, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	2.58	2.70	2.80	2.62	2.67	2.69	2.37	2.00	2.91	2.84	3.10	3.10
10	2.74	2.85	2.78	2.62	2.69	2.66	2.21	2.60	2.98	2.68	2.85	3.16
15	2.97	3.25	2.75	2.57	2.83	2.59	2.11	2.80	2.81	2.59	3.16	3.10
20	2.87	2.95	2.74	2.61	3.95	2.41	2.07	2.30	3.23	3.04	4.49	3.00
25	2.80	2.86	2.68	2.88	3.03	2.48	2.05	2.42	2.99	3.03	3.79	4.25
EOM	2.76	2.89	2.62	2.72	2.70	2.52	2.02	2.72	3.02	2.97	3.31	3.50
MEAN	2.77	2.91	2.74	2.66	2.97	2.59	2.17	2.47	2.90	2.88	3.49	3.27
MAX	2.99	3.25	2.86	2.94	3.98	2.71	2.48	3.14	3.24	3.22	4.64	4.25
MIN	2.55	2.70	2.61	2.57	2.67	2.41	2.02	2.00	2.64	2.52	2.84	2.95

WTR YR 1981 MEAN 2.82 MAX 4.64 AUG 18 MIN 2.00 MAY 4 AND OTHERS

DADE COUNTY

WELL NUMBER.--263630080264801. Local Number G 1362. USGS Observation Well near Perrine, Fl.

LOCATION.--Lat 25°36'30", long 80°26'48", in NW¼NW¼ sec. 33, T.55 S., R.39 E., Hydrologic Unit 03090202, 30 ft (9.1 m) east of S.W. 157th Avenue, 1.0 mi (1.6 km) north of Eureka Drive, 2.0 mi (3.2 km) east of State Highway 27, and 5 mi (8 km) west of Perrine.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 33 ft (10 m), cased to 11 ft (3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 3 in (8 cm) nipple, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 11.23 ft (3.42 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Aug. 18-27, Sept. 17-23, and Sept. 25-30.

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 water level, 9.35 ft (2.85 m) NGVD, estimated, Aug. 18, 1981; lowest, 0.29 ft (0.09 m) NGVD, May 15, 1971.

REVISIONS.--The figure of elevation, in feet NGVD, for September 30, 1980 has been revised to 4.54 ft, superseding that published in WDR FL-80-2B. Revised monthly and yearly summaries are given below:

Month	Mean	Max	Min
September 1980	5.06	5.47	4.54
Wtr Yr 1980	4.29	6.41 Oct. 1	3.29 Apr. 7

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.40	4.17	4.30	3.62	3.33	3.68	2.88	2.08	1.94	2.70	3.55	4.95
10	4.80	4.05	4.12	3.52	3.45	3.42	2.75	2.27	2.30	2.87	3.60	5.09
15	4.78	4.66	3.98	3.28	3.52	3.32	2.60	2.38	2.48	2.91	3.48	5.59
20	4.61	4.86	3.85	3.22	3.68	3.26	2.46	2.20	2.43	2.87	8.60	4.60
25	4.51	4.67	3.73	3.27	3.82	3.14	2.34	2.03	2.41	2.89	6.55	7.20
EOM	4.33	4.46	3.67	3.32	3.84	3.02	2.19	1.93	2.52	2.98	5.16	5.90
MEAN	4.58	4.44	3.98	3.40	3.55	3.36	2.59	2.15	2.30	2.85	5.12	5.37
MAX	4.83	4.86	4.44	3.67	3.84	3.83	2.99	2.38	2.52	2.98	9.35	7.20
MIN	4.33	4.03	3.67	3.20	3.32	3.02	2.19	1.92	1.94	2.56	3.00	4.50
WTR YR 1981 MEAN		3.64		MAX	9.35 AUG 18	MIN	1.92 MAY 28					

WATER RESOURCES DATA FOR FLORIDA, 1981
VOLUME 2B: SOUTH FLORIDA

KEY TO SITE LOCATIONS ON FIGURE 7
GLADES COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	264623081213601	84
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2	264856081005303	87
2	264858081005201	87
2	264858081005203	88
2	264858081005204	88
2	264859081005101	89
2	264859081005102	89
2	264900081005003	90
2	264900081005004	90
2	264900081005005	91
3	265529081185201	91
4	271150081054401	92

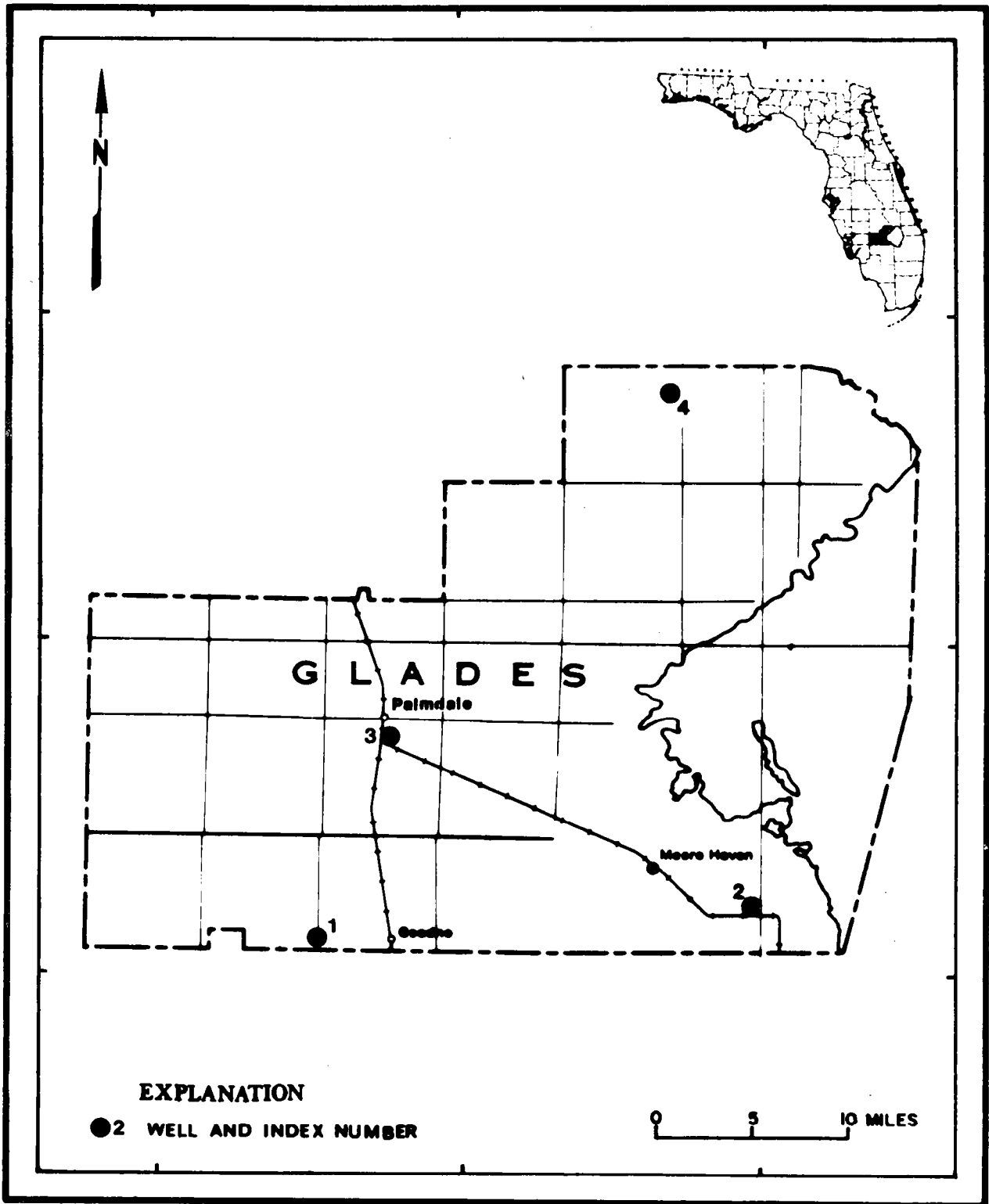


Figure 7. Location of wells in Glades County

South Florida Water
Management District
REFERENCE CENTER

GLADES COUNTY

WELL NUMBER.--264623081213601. Local Number HE 517. USGS Observation Well near Goodno, Fl.

LOCATION.--Lat 26°46'12", long 81°22'29" in SE¼NW¼ sec.36, T.42 S., R.29 E., (corrected), Hydrologic Unit 03090205, 0.3 mi (0.5 km) north of State Highway 80, and 3.0 mi (4.8 m) west of Goodno.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm) depth 138 ft (42.1 m), cased to 128 ft (39.0 m).

REVISED RECORDS.--WDR FL-79-2B: 1977-78.

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf floor, 2.10 ft (0.64 m) above land-surface datum.

DATUM.--Land-surface datum is 16.04 ft (4.89 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Aug. 28 to Sept. 30.

PERIOD OF RECORD.--February 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 14.20 ft (4.33 m) NGVD, Oct. 1, 1979; lowest, 8.52 ft (2.60 m) NGVD, May 21, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.70	10.60	10.90	10.56	10.39	10.27	9.74	9.22	9.55	11.00	11.26	12.45
10	11.40	10.57	10.70	10.39	10.58	10.17	9.62	9.15	10.41	10.49	11.38	12.30
15	11.07	10.80	10.83	10.30	10.78	10.20	9.46	9.12	10.71	10.32	11.28	12.05
20	10.93	11.35	10.72	10.26	10.62	10.06	9.47	9.16	10.31	10.41	11.41	11.98
25	10.83	11.25	10.69	10.41	10.45	10.02	9.32	9.09	10.48	10.39	12.46	11.73
EQM	10.70	11.25	10.53	10.26	10.41	9.84	9.32	9.71	11.05	10.54	12.50	11.58
MEAN	11.12	10.95	10.80	10.37	10.54	10.15	9.53	9.19	10.31	10.55	11.67	12.08
MAX	11.70	11.40	11.20	10.59	10.80	10.45	9.83	9.71	11.06	11.05	12.63	12.53
MIN	10.70	10.50	10.53	10.21	10.32	9.84	9.25	9.00	9.55	10.17	10.70	11.58

WTR YR 1981 MEAN 10.60 MAX 12.63 AUG 28 MIN 9.00 MAY 26

WELL NUMBER.--264845081005701. Local Number GL 308. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'45", long 81°00'57", in NE¼NE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, approximately 3.2 mi (5.1 km) east-southeast of Moore Haven, approximately 4.5 mi (7.2 km) north of U.S. 27.

AQUIFER.--Caloosahatchee aquifer of Pleistocene Age, Geologic Unit 112 CLSC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 4.6 ft (1.4 m), cased to 4.1 ft (1.2 m). (Corrected).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.9 ft (0.88 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 13.7 ft (4.18 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1967 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, 11.40 ft (3.47 m) NGVD, Dec. 5, 1974; lowest measured, 9.40 ft (2.86 m) NGVD, Apr. 25, 1973.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	10.09	02...	--	9.07
NOV			MAY		
04...	--	9.97	01...	--	9.41
DEC			JUN		
02...	--	10.06	04...	--	9.91
JAN , 1981			29...	--	10.12
06...	--	10.20	AUG		
FEB			04...	--	12.23
02...	1732	11.05	SEP		
MAR			03...	--	10.28
04...	--	9.86			

GLADES COUNTY

WELL NUMBER.--264845081005702. Local Number GL 309. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'45", long 81°00'57", in NE¼NE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, approximately 3.2 mi (5.1 km) east-southeast of Moore Haven, approximately 4.5 mi (7.2 km) north of U.S. 27.

AQUIFER.--Sand aquifer of Miocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 40.9 ft (13 m), cased to 39.1 ft (12 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.9 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 13.7 ft (4.18 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--December 1967 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, 11.50 ft (3.51 m) NGVD, Aug. 14, 1974; lowest measured, 9.80 ft (3.50 m) NGVD, Oct. 11, 1972 and June 3, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	10.98	02...	--	9.91
NOV			MAY		
04...	--	11.08	01...	--	10.24
DEC			JUN		
02...	--	11.01	04...	--	10.47
JAN , 1981			29...	--	10.36
06...	--	10.81	AUG		
FEB			04...	--	13.73
02...	1731	11.29	SEP		
MAR			03...	--	10.91
04...	--	10.63			

WELL NUMBER.--264845081005703. Local Number GL 310. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'45", long 81°00'57", in NE¼NE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, approximately 3.2 mi (5.1 km) east-southeast of Moore Haven, approximately 4.5 mi (7.2 km) north of U.S. 27.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 24.1 ft (7.3 m), cased to 23 ft (7 m). (Corrected).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3 ft (0.91 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 13.5 ft (4.11 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1967 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, 11.00 ft (3.35 m) NGVD, Aug. 14, 1974; lowest measured, 9.20 ft (2.80 m) NGVD, Oct. 11, 1972, and Oct. 4, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	10.13	02...	--	9.38
NOV			MAY		
04...	--	9.97	01...	--	9.61
DEC			JUN		
02...	--	10.09	04...	--	9.89
JAN , 1981			29...	--	10.00
06...	--	10.21	AUG		
FEB			04...	--	12.22
02...	1729	11.07			
MAR					
04...	--	9.88			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

GLADES COUNTY

WELL NUMBER.--264856081005301. Local Number GL 305. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'56", long 81°00'53", in NE¼NE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, approximately 3 mi (4.8 km) east-southeast of Moore Haven, approximately 4.2 mi (6.8 km) north of US 27.

AQUIFER.--Caloosahatchee aquifer of Pleistocene Age, Geologic Unit 112 CLSC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 4.7 ft (1.4 m), cased to 4.0 ft (1.2 m). (Corrected).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 13.2 ft (4.02 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1967 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, 11.50 ft (3.50 m) NGVD, Aug. 14, 1974; lowest measured, 8.20 ft (2.50 m) NGVD, Apr. 25, 1973.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	10.95	02...	--	10.63
NOV			MAY		
04...	--	11.07	01...	--	10.73
DEC			JUN		
02...	--	11.04	04...	--	9.93
JAN , 1981			29...	--	9.95
06...	--	10.69	AUG		
FEB			04...	--	10.77
02...	1726	11.49			
MAR					
04...	--	10.95			

WELL NUMBER.--264856081005302. Local Number GL 306. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'56", long 81°00'53", in NE¼NE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, approximately 3 mi (4.8 km) east southeast of Moore Haven, approximately 4.2 mi (6.8 km) north of U.S. 27.

AQUIFER.--Sand aquifer of Miocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 40 ft (12 m), cased to 39 ft (12 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 13.2 ft (4.02 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1967 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, 12.40 ft (3.78 m) NGVD, Aug. 14, 1974; lowest measured, 9.80 ft (2.99 m) NGVD, June 3, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	12.19	02...	--	11.37
NOV			MAY		
04...	--	12.13	01...	--	11.24
DEC			JUN		
02...	--	12.03	04...	--	10.40
JAN , 1981			29...	--	10.20
06...	--	11.73	AUG		
FEB			04...	--	8.96
02...	1725	12.06			
MAR					
04...	--	11.56			

GLADES COUNTY

WELL NUMBER.--264856081005303. Local Number GL 307. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'56", long 81°00'53", in NE¼NE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, approximately 3 mi (4.8 km) east southeast of Moore Haven, approximately 4.2 mi (6.8 km) north of U.S. 27.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 18 ft (5 m), cased to 18 ft (5 m). (Corrected).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.0 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 13.1 ft (3.99 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1967 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, 11.60 ft (3.54 m) NGVD, Aug. 14, 1974; lowest measured, 8.20 ft (2.50 m) NGVD, Apr. 25, 1973.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	10.97	02...	--	10.65
NOV			MAY		
04...	--	11.06	01...	--	10.75
DEC			JUN		
02...	--	11.07	04...	--	9.91
JAN , 1981			29...	--	9.91
06...	--	10.72	AUG		
FEB			04...	--	10.77
02...	--	11.53			
MAR					
04...	--	10.97			

WELL NUMBER.--264858081005201. Local Number GL 288. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'58", long 81°00'52", in SE¼NW¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, on landside of Hoover Dike, 0.25 mi (0.40 km) northwest of Culvert 1A, 0.7 mi (1.1 km) north State Highway 720, and 4.5 mi (7.2 km) east of Moore Haven.

AQUIFER.--Sand aquifer of Miocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 39.8 ft (12 m), cased to 36.8 ft (11 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.63 ft (0.80 m) above land-surface datum.

DATUM.--Land-surface datum is 14.6 ft (4.45 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1963 to current year (monthly, seasonal). 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, 14.12 ft (4.30 m) NGVD, Nov. 7, 1979; lowest measured, 10.50 ft (3.20 m) NGVD, June 3, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	12.30	02...	--	11.43
NOV			MAY		
04...	--	12.24	01...	--	11.26
DEC			JUN		
02...	--	11.14	04...	--	10.80
JAN , 1981			29...	--	10.19
06...	--	11.81	SEP		
FEB			03...	--	12.25
02...	--	12.10			
MAR					
04...	--	12.73			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

GLADES COUNTY

WELL NUMBER.--264858081005203. Local Number GL 291. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'58", long 81°00'52", in SE¼NW¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, on landside of Hoover Dike, 0.25 mi (0.40 km) northwest of Culvert 1A, 0.7 mi (1.1 km) north of State Highway 720, and 4.5 mi (7.2 km) east of Moore Haven.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 6.1 ft (1.9 m), cased to 5.5 ft (1.7 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.97 ft (.90 m) above land-surface datum.

DATUM.--Land-surface datum is 13.6 ft (4.15 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1964 to current year (monthly, seasonal). 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, 14.00 ft (4.27 m) NGVD, Oct. 12, 1965; lowest measured, 8.10 ft (2.47 m) NGVD, Oct. 11, 1972.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	11.10	02...	--	10.92
NOV			MAY		
04...	--	11.35	01...	--	10.80
DEC			JUN		
02...	--	11.37	04...	--	9.89
JAN , 1981			29...	--	9.85
06...	--	10.76	SEP		
FEB			03...	--	12.49
02...	--	11.92			
MAR					
04...	--	11.21			

WELL NUMBER.--264858081005204. Local Number GL 294. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'58", long 81°00'52", in SE¼NW¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, on landside of Hoover Dike, 0.24 mi (0.39 km) northwest of Culvert 1A, 0.7 mi (1.1 km) north of State Highway 720, and 4.5 mi (7.2 km) east of Moore Haven.

AQUIFER.--Caloosahatchee aquifer of Pleistocene Age, Geologic Unit 112 CLSC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 18.6 ft (6 m), cased to 18.3 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.72 ft (.83 m) above land-surface datum.

DATUM.--Land-surface datum is 13.5 ft (4.11 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1964 to current year (monthly, seasonal). 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, 14.00 ft (4.26 m) NGVD, Oct. 12, 1965; lowest measured, 8.29 ft (2.53 m) NGVD, Oct. 11, 1972.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	11.10	02...	--	10.88
NOV			MAY		
04...	--	11.35	01...	--	10.82
DEC			JUN		
02...	--	11.12	04...	--	9.84
JAN , 1981			29...	--	9.87
06...	--	10.78	SEP		
FEB			03...	--	11.00
02...	--	11.90			
MAR					
04...	--	11.18			

GLADES COUNTY

WELL NUMBER.--264859081005101. Local Number GL 292. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'59", long 81°00'51", in SW $\frac{1}{4}$ NE $\frac{1}{4}$ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, on landside of Hoover Dike, 0.25 mi (0.40 km) northwest of Culvert 1A, 0.7 mi (1.1 km) north of State Highway 720, and 4.5 mi (7.2 km) east of Moore Haven.

AQUIFER.--Caloosahatchee aquifer of Pleistocene Age, Geologic Unit 112 CLSC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 17.3 ft (5.3 m), cased to 15.9 ft (4.8 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.32 ft (1.01 m) above land-surface datum.

DATUM.--Land-surface datum is 13.5 ft (4.11 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1964 to current year (monthly, seasonal). 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, 14.30 ft (4.36 m) NGVD, Oct. 3, 1969; lowest measured 8.00 ft (2.44 m) NGVD, Oct. 11, 1972.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	11.60	02...	--	11.13
DEC			MAY		
02...	--	12.81	01...	--	10.87
JAN , 1981			JUN		
07...	--	11.16	04...	--	9.88
FEB			29...	--	9.98
02...	--	12.25	AUG		
MAR			04...	--	10.01
04...	--	11.55			

WELL NUMBER.--264859081005102. Local Number GL 293. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°48'59", long 81°00'51", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090202, on south side of Herbert Hoover Dyke, 4 mi (6 km) east of structure 77, and 4.5 mi (7.2 km) east of Moore Haven.

AQUIFER.--Caloosahatchee Marl of Pleistocene Age, Geologic Unit 112 CLSCR. (Corrected).

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 9.36 ft (2.85 m), cased to 5.13 ft (1.56 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.25 ft (0.99 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 13.51 ft (4.12 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1964 to July 1979. September 1979 to December 1980 (monthly). January 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 water level, 14.50 ft (4.42 m) NGVD, Mar. 28, 1970; lowest, 8.04 ft (2.45 m) NGVD, June 15, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	11.71	02...	--	11.14
NOV			MAY		
04...	--	11.86	01...	--	10.88
DEC			JUN		
02...	--	11.91	04...	--	9.90
JAN , 1981			AUG		
06...	--	11.46	04...	--	9.97
FEB			SEP		
02...	--	12.35	03...	--	11.21
MAR					
04...	--	11.51			

GLADES COUNTY

WELL NUMBER.--264900081005003. Local Number GL 290. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°49'00", long 81°00'50", in SW¼NE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, on lakeside of Hoover Dike, 0.25 mi (0.40 km) west northwest of Culvert 1A, 0.7 mi (1.1 km) north of State Highway 720, and 4.5 mi (7 km) east of Moore Haven.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 12.5 ft (4 m), cased to 12 ft (4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of base 3.94 ft (1.20 m) above land-surface datum.

DATUM.--Land-surface datum is 18.8 ft (5.69 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1964 to December 1975 (monthly, seasonal); December 1978 to current year (monthly, seasonal). 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, 17.10 ft (5.21 m) NGVD, May 1, 1978; lowest measured, 9.96 ft (3.03 m) NGVD, Aug. 4, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	12.63	02...	--	11.61
NOV			MAY		
04...	--	12.57	01...	--	11.02
DEC			JUN		
02...	--	12.50	04...	--	10.03
JAN , 1981			JUL		
07...	--	11.84	01...	--	10.11
FEB			AUG		
02...	--	12.56	04...	--	9.96
MAR			SEP		
04...	--	12.01	03...	--	11.46

WELL NUMBER.--264900081005004. Local Number GL 295. USGS Observation Well near Moore Haven, Fl.

LOCATION.--Lat 26°49'00", long 81°00'50", in NE¼SE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, on lakeside of Hoover Dike 0.25 mi (0.40 km) northwest of culvert 1A, 0.7 mi (1.1 km) north of State Highway 720, and 4.5 mi (7 km) east of Moore Haven.

AQUIFER.--Caloosahatchee aquifer of Pleistocene Age, Geologic Unit 112 CLSC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 25.7 ft (8 m), cased to 25.2 ft (8 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.69 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 18.8 ft (5.73 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1964 to December 1975 (monthly, seasonal); December 1978 to current year (monthly, seasonal). 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 (4.59 m) NGVD, Nov. 6, 1979; lowest measured, 9.39 ft (2.86 m) NGVD, Aug. 4, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	12.63	02...	--	11.58
NOV			MAY		
04...	--	12.57	01...	--	11.00
DEC			JUN		
02...	--	12.50	04...	--	10.02
JAN , 1981			29...	--	10.10
07...	--	11.84	AUG		
FEB			04...	--	9.39
02...	--	12.55	SEP		
MAR			03...	--	9.95
04...	--	12.00			

GLADES COUNTY

WELL NUMBER.--264900081005005. Local Number GL 296. USGS Observation Well near Moore Haven, FL.

LOCATION.--Lat 26°49'00", long 81°00'50", in SW¼NE¼ sec.15, T.42 S., R.33 E., Hydrologic Unit 03090103, on lakeside of Hoover Dike, 0.25 mi (0.40 km) northwest of culvert 1A, 0.7 mi (1.1 km) north of State Highway 720, and 4.5 mi (7 km) east of Moore Haven.

AQUIFER.--Sand aquifer of Miocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 42.6 ft (13 m), cased to 41.3 ft (13 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 4.26 ft (1.30 m) above land-surface datum.

DATUM.--Land-surface datum is 18.8 ft (5.73 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1964 to December 1975 (monthly, seasonal); February 1979 to current year (monthly, seasonal). 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, 15.10 ft (4.60 m) NGVD, Nov. 7, 1974; lowest measured, 10.15 ft (3.09 m) NGVD, June 29, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
03...	--	12.71	02...	--	11.64
NOV			MAY		
04...	--	12.58	01...	--	11.35
DEC			JUN		
02...	--	12.46	04...	--	10.36
JAN , 1981			29...	--	10.15
07...	--	12.17	AUG		
FEB			04...	--	11.50
02...	--	12.35	SEP		
MAR			03...	--	11.45
04...	--	11.90			

WELL NUMBER.--265529081185201. Local Number 655-118-03. Observation Well GL267 near Palmdale, FL.

LOCATION.--Lat 26°55'29", long 81°18'52", in NE¼SW¼ sec.10, T.41 S., R.30 E., Hydrologic Unit 03090103, at Florida Forest Service Headquarters, 100 ft (30 m) north of Palmdale Fire Tower, 500 ft (152 m) northwest of intersection of U.S. Highway 27 and State Highway 29, and 2.0 mi (3.2 km) south of Palmdale.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN, revised.

WELL CHARACTERISTICS.--Drilled, domestic, artesian well, diameter 4 in (10 cm), depth 600 ft (183 m), cased to 450 ft (137 m).

INSTRUMENTATION.--Manometer or pressure-gage measured. Measuring point: Top of 4 in (10 cm) cap, 0.50 ft (0.15 m) below land-surface datum.

DATUM.--Land-surface datum is 42.15 ft (12.85 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1978, land-surface datum was considered to be 41 ft (12 m), from topographic map. Oct. 1, 1978 to Mar. 25, 1980 at datum 0.60 ft (0.18 m) lower.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1978, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--December 1971 to May 1976 (annually), July 1976 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.25 ft (14.40 m) NGVD, present datum, Sept. 7, 1976; lowest measured, 42.03 ft (12.81 m) NGVD, Aug. 27, 1980.

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER, 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			APR		
21...	1600	43.85	16...	0930	43.15
DEC			JUN		
16...	1330	43.45	02...	1105	42.75
FEB			AUG		
24...	1045	42.45	05...	1515	42.35

GLADES COUNTY

WELL NUMBER.--271150081054401, Local Number 711-105-01. Observation Well GL155 near Brighton, FL.

LOCATION.--Lat 27°11'50", long 81°05'44", in NE 1/4 sec. 2, T.38 S., R.32 E., Hydrologic Unit 03090103, in front of Lykes Ranch headquarters, 300 ft (91 m) west of State Highway 721, and 1.9 mi (3.1 km) south of State Highway 70 in Brighton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, domestic, artesian well, diameter 6 in (15 cm), depth 600 ft (183 m), casing length unknown.

INSTRUMENTATION.--Pressure-gage measured. Measuring point: Top of 4 in (10 cm) casing, 1.80 ft (0.55 m) above land-surface datum.

DATUM.--Land-surface datum is 29.35 ft (8.95 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1978, land-surface datum was considered to be 30 ft (9 m), from topographic map.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1978, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--December 1971 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 50.15 ft (15.29 m) NGVD, Sept. 22, 1981; lowest measured, 38.15 ft (11.65 m) NGVD, present datum, May 11, 1976.

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER, 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			JUL		
22...	1310	48.25	01...	1455	45.45
NOV			AUG		
04...	1200	47.45	03...	1540	47.15
APR			SEP		
15...	1410	45.05	01...	1725	48.15
MAY			22...	1205	50.15
14...	1145	45.45			
JUN					
02...	1515	45.35			



WATER RESOURCES DATA FOR FLORIDA, 1981
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HENDRY COUNTY

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4	263700080550001	98
5	263700081070001	99
6	263845081260701	99
6	263845081260702	100
6	263845081260703	100
7	263930081301501	101
7	263930081301502	101
7	263930081301503	102
8	264235081310601	102
8	264235081310602	103
9	264526081262101	103
9	264527081261902	104
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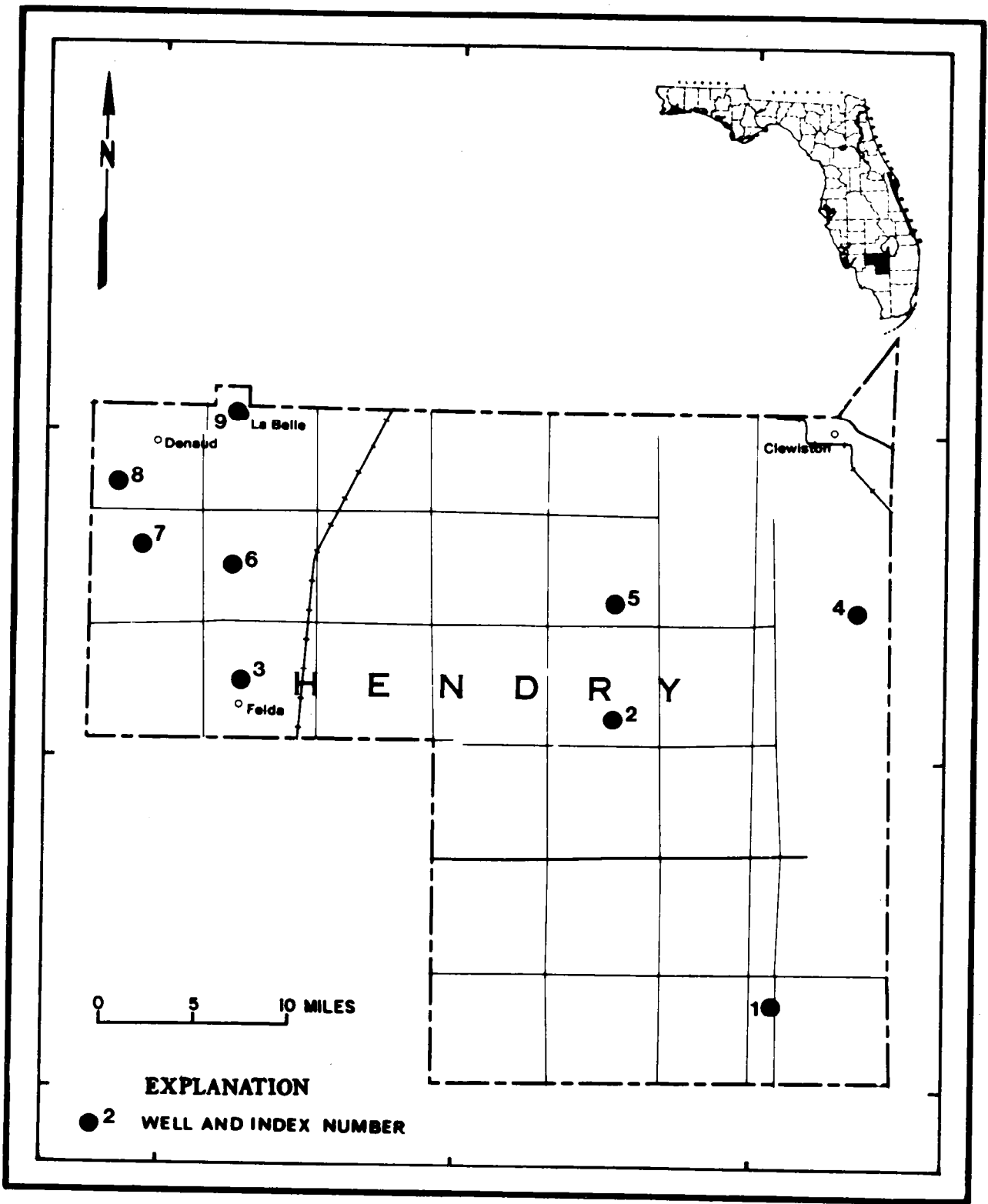


Figure 8. Location of wells in Hendry County

HENDRY COUNTY

WELL NUMBER.--261859080585401. Local Number HE 3. USGS Observation Well near Clewiston, Fl.

LOCATION.--Lat 26°18'59", long 80°58'54", in SW¼SE¼ sec.12, T.48 S., R.33 E., Hydrologic Unit 03090202, in Big Cypress Indian Reservation, 12.2 (19.6 km) southeast of Intersection of State Highway 846 and State Highway 833, and 30.4 mi (48.9 km) south of Clewiston.

AQUIFER.--Nonartesian aquifer of Pleistocene Series, Geologic Unit 112 NRS. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 10 ft (3.0 m), cased to 8.2 ft (2.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 19.14 ft (5.8 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated May 16 to July 27 and Aug. 17 to Sept. 28.

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 water level, 20.04 ft (6.11 m) NGVD, Oct. 2, 1951; lowest 12.79 ft (3.90 m) NGVD, June 6-12, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.12	16.16	16.91	16.41	16.21	16.49	15.82	14.25	13.60	13.95	15.61	17.20
10	16.96	16.06	17.13	16.33	16.48	16.29	15.58	14.30	13.69	14.75	15.87	17.48
15	16.68	16.45	17.10	16.38	16.68	16.18	15.26	14.00	13.66	14.50	16.21	17.20
20	16.46	16.45	16.86	16.33	17.04	16.05	14.94	13.60	13.59	14.88	17.24	17.40
25	16.75	16.92	16.86	16.29	16.78	15.98	14.60	13.44	13.52	15.05	17.52	17.28
EOM	16.52	17.23	16.53	16.23	16.67	15.93	14.32	13.65	13.55	15.19	17.42	17.16
MEAN	16.83	16.50	16.93	16.35	16.61	16.20	15.19	13.91	13.61	14.62	16.55	17.30
MAX	17.45	17.62	17.18	16.50	17.04	16.65	15.89	14.68	13.71	15.19	17.58	17.48
MIN	16.35	16.05	16.53	16.23	16.20	15.93	14.32	13.40	13.50	13.60	15.17	17.15

WTR YR 1981 MEAN 15.88 MAX 17.62 NOV 28 MIN 13.40 MAY 26

WELL NUMBER.--263035081073501. Local Number HE 855. USGS Observation Well near Immokalee, Fl.

LOCATION.--Lat 26°31'35", long 81°07'35", in SW¼NW¼, sec.34, T.45 S., R.32E., Hydrologic Unit 03090202, on State Highway 833, 15 mi (24.1 km) south of State Highway 80, and 19 mi (30.6 km) northeast of Immokalee.

AQUIFER.--Ochopec Limestone Member of Tamiami Formation, Geologic Unit 1220 CHP.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 90 ft (27.4 m) cased to 70 ft (21.3 m).

INSTRUMENTATION.--Water level recorder. Measuring point: Top of recorder shelf, 2.81 ft (0.86 m) above land-surface datum.

DATUM.--Land-surface datum is 27.56 ft (8.40 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1979 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 water level, 27.61 ft (8.42 m) NGVD, Oct. 1, 1979; lowest, 18.58 ft (5.66 m) NGVD, May 1, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.48	23.45	24.06	---	---	---	---	19.86	21.77	23.67	24.19	25.95
10	24.61	23.30	---	---	---	---	---	21.13	23.00	22.32	24.53	26.87
15	24.56	23.61	---	---	---	---	---	---	22.91	22.08	24.16	26.75
20	24.20	23.88	---	---	---	---	---	---	21.63	22.70	---	27.08
25	23.70	23.35	---	---	24.05	---	22.74	---	---	---	---	26.57
EOM	22.98	24.12	---	22.70	23.66	---	18.99	---	23.96	23.47	26.31	26.05
MEAN	24.32	23.62	23.68	22.49	23.42	23.21	22.26	20.30	22.43	22.91	24.84	26.52
MAX	25.66	24.12	24.14	22.70	24.06	23.65	23.02	21.21	23.96	23.93	26.59	27.15
MIN	22.50	23.30	22.42	22.12	22.66	22.67	18.99	18.58	21.46	21.91	23.62	25.74

WTR YR 1981 MEAN 23.70 MAX 27.15 SEP 19 MIN 18.58 MAY 1

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263035081073502. Local Number HE 856. USGS Observation Well near Immokalee, Fl.

LOCATION.--Lat 26°31'35", long 81° 07' 35", in SW¼NW¼ sec.34, T.45 S., R.32 E., Hydrologic Unit 03090202, on State Highway 833, 15 mi (24.1 km) south of State Highway 80, and 19 mi (30.6 km) northeast of Immokalee.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Series, Geologic Unit 112NRS.

WELL CHARACTERISTICS.--Drilled, observation, water-table, well, diameter 4 in (10 cm), depth 11 ft (3.35 m), cased to 9 ft (2.7 m).

INSTRUMENTATION.--Water level recorder. Measuring point: Top of recorder shelf, 2.31 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 27.56 ft (8.40 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1979 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 water level, 27.88 ft (8.50 m) NGVD, Jan. 27, 1980; lowest, 23.57 ft (7.18 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.49	24.96	25.38	24.63	25.13	24.86	23.88	25.53	24.58	24.85	25.62	26.88
10	26.18	24.86	25.11	24.62	25.07	24.67	24.18	25.01	24.88	24.54	25.75	27.48
15	25.87	25.01	24.90	24.63	25.38	24.47	24.01	24.36	24.49	24.26	25.39	27.53
20	25.62	25.28	24.95	24.70	25.20	24.49	23.89	23.88	24.17	24.77	26.06	27.46
25	25.35	25.01	24.89	24.91	25.19	24.49	24.60	23.63	25.16	24.60	27.13	27.20
EOM	25.10	25.59	24.74	24.94	25.07	24.15	25.42	24.86	25.26	25.12	27.08	26.98
MEAN	25.85	25.10	25.06	24.73	25.17	24.55	24.21	24.57	24.76	24.76	26.21	27.22
MAX	26.70	25.81	25.59	24.96	25.38	25.02	25.42	25.57	25.46	25.28	27.23	27.64
MIN	25.10	24.77	24.74	24.60	24.91	24.15	23.73	23.59	24.13	24.24	25.12	26.75

WTR YR 1981 MEAN 25.18 MAX 27.64 SEP 18 MIN 23.59 MAY 26

WELL NUMBER.--263310081250901. Local Number HE 529. USGS Observation Well near Felda, Fl.

LOCATION.--Lat 26°33'10", long 81°25'09", in NW¼NW¼ sec.21, T.45 S., R.29 E., Hydrologic Unit 03090205, 1.0 mi (1.6 km) west of State Highway 29, and 1.0 mi (1.6 km) north of Felda.

AQUIFER.--Sandstone aquifer of Miocene Series, Geologic Unit 122 SNDS. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 155 ft (47.2 m), cased to 135 ft (41.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf floor, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 32.57 ft (9.93 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to September 1976 (monthly); October 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 daily water level, 31.50 ft (9.60 m) NGVD, Oct. 1, 1979; lowest 25.59 ft (7.80 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.32	29.08	29.19	28.54	28.43	27.90	27.29	26.30	26.78	27.95	29.75	30.76
10	29.92	28.75	28.81	28.33	28.80	27.88	27.16	26.29	27.25	28.93	29.97	31.21
15	29.48	28.45	28.79	28.25	28.68	27.65	26.91	25.95	27.75	29.05	30.34	30.87
20	29.38	28.55	28.98	28.28	28.70	27.73	26.92	25.77	28.01	29.24	30.87	31.09
25	29.31	29.41	28.84	28.55	28.17	27.84	26.75	25.63	28.30	29.55	30.90	30.85
EOM	28.89	29.57	28.51	28.29	28.13	27.45	26.46	26.26	28.64	29.20	31.14	30.55
MEAN	29.62	28.91	28.95	28.40	28.50	27.81	26.98	26.05	27.63	28.92	30.46	30.95
MAX	30.50	29.66	29.50	28.63	28.80	28.13	27.47	26.47	28.68	29.71	31.14	31.21
MIN	28.85	28.30	28.51	28.21	28.12	27.45	26.46	25.59	26.35	27.75	29.52	30.55

WTR YR 1981 MEAN 28.60 MAX 31.21 SEP 10 MIN 25.59 MAY 26

HENDRY COUNTY

WELL NUMBER.--263310081250902. Local Number HE 554. USGS Observation Well near Felda, Fl.

LOCATION.--Lat 26°33'10", long 81°25'09", in NW¼NW¼ sec.21, T.45 S., R.29 E., Hydrologic Unit 03090205, 1.0 mi (1.6 km) west of State Highway 29, and 1.0 mi (1.6 km) north of Felda.

AQUIFER.--Nonartesian sand aquifer of Pleistocene Series, Geologic Unit 112 NRSd.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 15 ft (4.6 m), cased to 5 ft (1.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf floor, 2.45 ft (0.75 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 32.66 ft (9.95 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--October 1975 to September 1976 (monthly); October 1976 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 32.23 ft (9.82 m) NGVD, Sept. 2, 1980; lowest, 26.74 ft (8.15 m) NGVD, June 3, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	31.29	28.96	29.51	28.93	29.05	28.76	28.34	27.50	27.30	28.88	30.95	31.00
10	30.54	28.75	29.28	28.86	29.92	28.68	28.27	27.37	28.30	28.59	30.44	31.78
15	30.00	29.20	29.12	28.83	29.83	28.61	28.13	27.20	28.52	29.81	30.94	31.32
20	29.66	30.00	29.23	28.77	29.68	28.54	27.92	27.02	28.19	29.95	31.76	31.45
25	29.55	29.65	29.07	28.93	28.99	28.65	27.80	26.89	28.66	30.40	31.95	31.38
EOM	29.10	29.87	29.00	28.83	28.92	28.42	27.60	26.76	29.39	30.17	31.37	31.21
MEAN	30.13	29.36	29.27	28.87	29.45	28.64	28.07	27.17	28.15	29.71	31.15	31.50
MAX	31.45	30.00	29.81	29.00	29.93	28.87	28.41	27.60	29.42	30.55	32.03	32.09
MIN	29.10	28.70	29.00	28.74	28.81	28.42	27.60	26.76	26.74	28.59	29.96	31.00

WTR YR 1981 MEAN 29.29 MAX 32.09 SEP 9 MIN 26.74 JUN 3

WELL NUMBER.--263700080550001. Local Number HE 339. USGS Observation Well near Clewiston, Fl.

LOCATION.--Lat 26°37'27", long 80°55'10", in SE¼SE¼ sec.27, T.44 S., R.34 E., Hydrologic Unit 03090202, on State Highway 832, 8.3 mi (13.4 km) south of Clewiston, and 24.4 mi (39.3 km) southeast of Ortona Lock. (Revised).

AQUIFER.--Nonartesian sand aquifer of Pleistocene Series, Geologic Unit 112 NRSd. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5.08 cm), depth 9.5 ft (2.9 m), cased to 5 ft (1.52 m). (Revised).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.35 ft (0.72 m) above land-surface datum.

DATUM.--Land-surface datum is 15.69 ft (4.78 m) National Geodetic Vertical Datum of 1929. Prior to October 1975 land-surface datum was considered to be 16.02 ft (4.88 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--February 1964 to September 1979; October 1979 to current year (monthly). 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 October 1975 are in error. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 15.52 ft (4.73 m) NGVD, Sept. 21, 1964; lowest, 10.76 ft (3.28 m) NGVD, Aug. 29, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT, 1980			APR, 1981		
29...	1250	13.14	29...	1330	12.69
NOV			MAY		
25...	1255	12.13	26...	1340	12.55
DEC			JUN		
30...	1300	12.99	29...	1325	12.06
JAN, 1981			JUL		
28...	1225	13.11	28...	1315	12.72
FEB			AUG		
25...	1300	12.99	27...	1155	12.69
MAR			SEP		
30...	1315	12.44	29...	1130	12.09

HENDRY COUNTY

WELL NUMBER.--263700081070001. Local Number HE 5. USGS Observation Well near La Belle, Fl.

LOCATION.--Lat 26°37'50", long 81°07'40", in NW¼NW¼ sec.27, T.44 S., R.32 E., Hydrologic Unit 03090202, on State Highway 833, 8.1 mi (13.0 km) south of State Highway 80, and 20 mi (32 km) southeast of La Belle.

AQUIFER.--Nonartesian aquifer of Pleistocene Series, Geologic Unit 112 NRS. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 13 ft (4.0 m), cased to 8.7 ft (2.7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 26.74 ft (8.15 m) National Geodetic Vertical Datum of 1929. Prior to January 1974, land-surface datum was considered to be 27.00 ft (8.23 m) NGVD. January 1974 to September 1974, land-surface datum was considered to be 25.00 ft (7.62 m) NGVD. October 1974 to September 1975, land-surface datum was considered to be 27.90 ft (8.50 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--January 1941 to October 1967; August 1969 to September 1980; October 1980 to current year (monthly). 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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 27.22 ft (8.30 m) NGVD, present datum, Oct. 2, 1951; lowest, 20.12 ft (6.13 m) NGVD, present datum, May 22, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT . 1980			APR . 1981		
29...	--	23.22	30...	--	22.29
NOV			MAY		
25...	--	23.36	31...	--	22.83
DEC			JUN		
30...	--	23.11	30...	--	23.08
JAN , 1981			JUL		
28...	--	22.92	31...	--	22.87
FEB			AUG		
25...	--	22.99	31...	--	25.00
MAR			SEP		
30...	--	22.76	30...	--	24.51

WELL NUMBER.--263845081260701. Local Number HE 555. USGS Observation Well near Sears, Fl.

LOCATION.--Lat 26°38'45", long 81° 26'07", in NW¼NW¼ sec.21, T.44 S., R.29 E., Hydrologic Unit 03090205, at southeast corner of intersection of State Highway 29 and Sears Road and 3.6 mi (5.8 km) west of Sears.

AQUIFER.--Sandstone aquifer of Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 270 ft (82 m), cased to 250 ft (76 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.58 ft (0.79 m), above land-surface datum.

DATUM.--Land-surface datum is 28.44 ft (8.67 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 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 water level, 23.42 ft (7.14 m) NGVD, Sept. 28-29, 1981; lowest, 10.63 ft (3.24 m) NGVD, April 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.25	19.59	21.57	19.06	16.23	14.57	12.87	9.65	10.86	17.00	19.43	22.17
10	22.32	18.88	21.70	17.48	15.99	12.48	12.34	9.45	11.95	17.50	19.99	22.44
15	21.24	19.80	21.63	15.60	16.09	13.74	11.82	9.70	13.58	16.99	20.42	22.75
20	20.27	20.55	20.83	15.99	16.84	13.99	12.33	9.02	14.50	16.96	20.94	23.10
25	19.37	21.15	19.04	16.10	16.91	14.26	10.81	8.69	15.00	17.40	21.43	23.32
EOM	19.10	21.47	19.43	16.23	16.93	14.54	11.45	9.79	16.18	18.49	21.71	23.41
MEAN	20.88	20.09	20.77	16.93	16.42	14.12	12.19	9.41	13.18	17.22	20.45	22.76
MAX	22.34	21.47	21.70	19.28	16.93	16.58	14.53	11.00	16.18	18.49	21.71	23.42
MIN	18.92	18.86	18.99	15.57	15.81	12.48	10.81	8.58	10.02	16.37	18.70	21.89

WTR YR 1981 MEAN 17.04 MAX 23.42 SEP 28 AND OTHERS MIN 8.58 MAY 27

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263845081260702. Local Number HE 556. USGS Observation Well near Sears, Fl.

LOCATION.--Lat 26°38'45", long 81°26'07", in NW¼NW¼ sec.21, T.44 S., R.29 E., Hydrologic unit 03090205, at southeast corner of intersection of State Highway 29 and Seats Road, and 3.6 mi (5.8 km) west of Sears.

AQUIFER.--Sandstone aquifer of Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 155 ft (47 m), cased to 135 ft (41 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.22 ft (0.68 m) above land-surface datum.

DATUM.--Land-surface datum is 28.62 ft (8.72 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to current year. Records of water levels prior to October 1980 are available in the files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 22.82 ft (6.96 m) NGVD, Sept. 28, 1981; lowest, 11.90 ft (3.63 m) NGVD, May 28, 1981. See REMARKS.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	21.50	20.95	21.15	18.49	15.95	15.20	13.88	12.58	12.42	17.51	19.32	21.76
10	20.40	20.60	21.23	17.51	16.08	15.00	13.55	12.19	13.32	17.87	19.64	21.91
15	19.90	20.00	20.98	17.70	16.00	14.90	13.35	12.51	14.95	17.55	19.77	22.28
20	19.48	20.70	19.80	16.90	16.10	14.80	13.10	12.61	15.92	17.61	20.38	22.60
25	19.59	21.00	19.45	15.80	15.89	14.70	13.05	12.06	16.65	18.02	20.91	22.76
EOM	20.25	21.23	18.96	15.76	15.71	14.25	12.87	12.10	17.14	18.57	21.47	22.78
MEAN	20.26	20.71	20.44	17.19	15.98	14.88	13.40	12.37	14.74	17.77	20.11	22.28
MAX	22.00	21.23	21.29	18.69	16.20	15.60	14.20	12.82	17.14	18.57	21.47	22.82
MIN	19.45	20.00	18.96	15.69	15.70	14.25	12.87	11.91	12.13	17.26	18.68	21.63

WTR YR 1981 MEAN 17.52 MAX 22.82 SEP 28 MIN 11.91 MAY 26

WELL NUMBER.--263845081260703. Local Number HE 851. USGS Observation Well near Sears, Fl.

LOCATION.--Lat 26°38'45", long 81°26'07", in NW¼NW¼ sec.21, T.44 S., R.29 E., Hydrologic Unit 03090205, southeast corner of intersection of State Highway 29 and Sears Road, and 3.6 mi (5.8 km) west of Sears.

AQUIFER.--Nonartesian sand aquifer, of the Pleistocene Series, Geologic Unit 112 NRSD. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 13 ft (4.0 m), cased to 5 ft (1.52 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.9 ft (0.88 m), above land-surface datum.

DATUM.--Land-surface datum is 27.55 ft (8.40 m) National Geodetic Vertical Datum of 1929.

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 daily water level, 27.99 ft (8.53 m) NGVD, Oct. 1, 1979; lowest, 22.59 ft (6.88 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	26.75	24.79	25.20	24.51	24.84	24.22	23.84	23.02	23.30	23.18	24.88	26.55
10	26.10	25.64	25.01	24.47	25.23	24.15	23.66	22.88	23.45	23.54	24.36	27.10
15	25.87	26.00	24.83	24.38	24.86	24.02	23.52	22.76	22.95	23.54	24.78	26.96
20	25.71	25.76	24.87	24.33	24.73	24.28	23.37	22.63	22.75	23.75	25.57	26.77
25	25.60	25.54	24.73	24.70	24.51	24.45	23.23	22.60	23.40	24.05	25.95	26.51
EOM	25.01	25.53	24.59	24.52	24.38	24.00	23.18	23.03	23.51	24.55	26.40	26.17
MEAN	25.93	25.47	24.93	24.49	24.79	24.20	23.52	22.83	23.21	23.69	25.25	26.78
MAX	27.13	26.34	25.43	24.70	25.23	24.49	23.96	23.14	23.58	24.70	26.47	27.13
MIN	25.01	24.70	24.59	24.33	24.38	23.99	23.18	22.59	22.75	23.00	24.30	26.17

WTR YR 1981 MEAN 24.59 MAX 27.13 OCT 3 AND OTHERS MIN 22.59 MAY 26

HENDRY COUNTY

WELL NUMBER.--263930081301501 (corrected). Local Number HE 559. USGS Observation Well near La Belle, Fl.

LOCATION.--Lat 26°39'30", long 81°30'01", in SE¼SE¼ sec.10, T. 44 S., R.28 E., Hydrologic Unit 03090205, 3.8 mi (6.1 km) east of Lee and Hendry County Line at Congen Properties, and 8.2 mi (13.2 km) southwest of La Belle.

AQUIFER.--Sandstone aquifer of Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, artesian, observation well, diameter 4 in (10 cm), depth 165 ft (50.3 m), cased to 155 ft (47.2 m). (Revised).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 27.86 ft (8.50 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to November 1979 (monthly). December 1980 to current year (monthly). 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, 18.50 ft (5.64 m) NGVD, Apr. 27, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC , 1980			JUL , 1981		
30...	1500	20.76	28...	1450	20.36
JAN , 1981			AUG		
28...	1425	20.15	27...	1330	21.33
MAY			SEP		
26...	1410	18.61	29...	1445	21.72
JUN					
29...	1440	20.05			

WELL NUMBER.--263930081301502. Local Number HE 560. USGS Observation Well near La Belle, Fl.

LOCATION.--Lat 26°39'30", long 81°30'15", in SE¼SE¼ sec.10 T.44 S., R.28 E., Hydrologic Unit 03090205, 3.8 mi (6.1 km) east of Lee and Hendry County Line at Congen Properties, and 8.2 mi (13.2 km) southwest of La Belle.

AQUIFER.--Sandstone aquifer of Miocene Series, Geologic Unit 122 SNDS. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 87 ft (26.5 m), cased to 70 ft (21.3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 27.87 ft (8.50 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to November 1979 (monthly); December 1980 to current year (monthly). 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 (7.23 m) NGVD, Sept. 26, 1979; lowest measured, 20.27 ft (6.18 m) NGVD, May 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC , 1980			JUL , 1981		
30...	1500	21.93	28...	1455	21.41
JAN , 1981			AUG		
28...	1430	20.59	27...	1325	22.04
MAY			SEP		
26...	1415	20.27	29...	1450	22.21
JUN					
29...	1440	21.27			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--263930081301503. Local Number HE 569. USGS Observation Well near La Belle, Fl.

LOCATION.--Lat 26°39'30", long 81°30'15", in SE¼SE¼ sec.10, T.44 S., R.28 E., Hydrologic Unit 03090205, 3.9 mi (6.3 km) east of Lee and Hendry County Line at Congen Properties, and 8.2 mi (13.2 km) southwest of La Belle.

AQUIFER.--Water-table aquifer of Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 17 ft (5.2 m), cased to 11 ft (3.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 27.89 ft (8.50 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to November 1979; December 1980 to current year (monthly). 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, 24.15 ft (7.36 m) NGVD, Apr. 24, 1978; lowest measured, 21.60 ft (6.58 m) NGVD, Sept. 29, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
DEC , 1980			JUL , 1981		
30...	1515	23.61	28...	1500	23.34
JAN , 1981			AUG		
28...	1430	24.11	27...	1320	22.10
MAY			SEP		
26...	1415	23.47	29...	1455	21.60
JUN					
29...	1440	22.79			

WELL NUMBER.--264235081310601. Local Number HE 557. USGS Observation Well near La Belle, Fl.

LOCATION.--Lat 26°42'35", long 81°31'06", in SE¼NE¼ sec.28, T.43 S., R.28 E., Hydrologic Unit 03090205, on west side of Fort Denund Road, 0.1 mi (0.16 km) north of State Road 80, and 6.1 mi (9.8 km) southwest of La Belle.

AQUIFER.--Sandstone aquifer of Miocene Series, Geologic Unit 122 SNDS. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 102 ft (31.1 m)(corrected), cased to 80 ft (24.4 m). (Revised).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 17.71 ft (5.40 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to current year (monthly). 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, 16.19 ft (4.93 m) NGVD, Aug. 29, 1978; lowest measured, 10.44 ft (3.18 m) NGVD, Apr. 27, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
29...	1010	14.95	29...	1500	12.80
NOV			MAY		
25...	1515	15.20	26...	1415	12.06
DEC			JUN		
30...	1545	15.01	29...	1510	14.36
JAN , 1981			JUL		
28...	1500	14.59	28...	1530	15.71
FEB			AUG		
25...	1535	14.56	27...	1350	15.53
MAR			SEP		
30...	1610	14.03	29...	1520	15.68

HENDRY COUNTY

WELL NUMBER.--264235081310602. Local Number HE 558. USGS Observation Well near La Belle, Fl.

LOCATION.--Lat 26°42'35", long 81°31'06", in SE 1/4 sec. 28, T.43 S., R.28 E., Hydrologic Unit 03090205, 0.2 mi (0.3 km) north of intersection State Highway 80 and State Highway 78 A, and 6.2 mi (10.0 km) southwest of La Belle.

AQUIFER.--Nonartesian aquifer of Pleistocene Series, Geologic Unit 112 NRSD. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 14.0 ft (4.27 m), cased to 3.0 ft (0.91 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.57 ft (0.78 m) above land-surface datum.

DATUM.--Land-surface datum is 17.70 ft (5.39 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to September 1978 (monthly); October 1978 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 water level, 16.53 ft (5.04 m) NGVD, Aug. 21, 1981; lowest, 12.89 ft (3.93 m) NGVD, Apr. 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.99	13.35	14.00	13.44	13.74	13.53	13.16	13.41	14.14	14.16	15.49	15.18
10	14.45	13.10	13.84	13.39	13.97	13.50	13.05	13.96	14.87	14.78	14.78	16.38
15	13.98	14.18	13.71	13.35	13.87	13.44	12.95	14.18	14.20	14.69	15.77	15.53
20	13.77	14.41	13.70	13.42	13.77	13.33	12.92	14.36	13.89	14.62	16.16	15.24
25	13.75	14.22	13.62	13.65	13.60	13.29	13.36	14.07	14.35	14.44	15.62	14.89
EOM	13.65	14.21	13.50	13.58	13.42	13.26	13.39	14.21	14.22	15.13	15.72	14.68
MEAN	14.17	13.88	13.77	13.47	13.76	13.40	13.15	14.00	14.29	14.60	15.52	15.35
MAX	15.19	14.54	14.16	13.65	13.97	13.57	13.46	14.41	14.95	15.20	16.53	16.50
MIN	13.65	13.10	13.50	13.34	13.42	13.26	12.89	13.32	13.80	13.86	14.69	14.68

WTR YR 1981 MEAN 14.11 MAX 16.53 AUG 21 MIN 12.89 APR 19

WELL NUMBER.--264526081262101. Local Number HE 368. USGS Observation Well at La Belle, Fl.

LOCATION.--Lat 26°45'26", long 81°26'21", in SE 1/4 sec. 8, T.43 S., R.29 E., Hydrologic Unit 03090202, at La Belle Water Plant on State Highway 29, and 0.3 mi (0.48 km) south of State Highway 80 in La Belle.

AQUIFER.--Limestone aquifer of Miocene Series, Geologic Unit 112 LMSN. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 569 ft (173 m), cased to 244 ft (74.4 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.10 ft (0.64 m) above land-surface datum.

DATUM.--Land-surface datum is 14.11 ft (4.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1975 to current year (monthly). 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, 48.0 ft (14.6 m) NGVD, Sept. 26, 1979; lowest measured, 40.9 ft (12.5 m) NGVD, Feb. 25, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
29...	1035	46.00	29...	1120	43.10
NOV			MAY		
26...	1425	47.00	26...	1635	43.50
DEC			JUN		
30...	1410	45.80	29...	1405	44.90
JAN , 1981			JUL		
28...	1355	45.90	28...	1400	45.70
FEB			AUG		
25...	1430	40.90	27...	1250	46.00
MAR			SEP		
30...	1005	44.90	29...	1355	46.30

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HENDRY COUNTY

WELL NUMBER.--264527081261902. Local Number HE 501. USGS Observation Well at La Belle, Fl.

LOCATION.--Lat 26°45'27", long 81°26'19", in SE¼ sec.8, T.43 S., R.29 E., Hydrologic Unit 03090205, at La Belle water plant on State Highway 29 and 0.3 mi (0.48 km) south of State Highway 80 in La Belle.

AQUIFER.--Sandstone aquifer of Miocene Series, Geologic Unit 122 SNDS. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm) (corrected), depth 41.5 ft (12.6 m), cased to 24.5 ft (7.5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.58 ft (0.18 m) above land-surface datum.

DATUM.--Land-surface datum is 14.29 ft (4.36 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1975 to current year (monthly). 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, 12.89 ft (3.93 m) NGVD, Sept. 26, 1979 and Aug. 26, 1980; lowest measured, 8.60 ft (2.62 m) NGVD, May 31, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
29...	1035	11.08	29...	1110	9.45
NOV			MAY		
25...	1415	11.22	26...	1030	8.88
DEC			JUN		
30...	1400	10.82	29...	1400	10.22
JAN , 1981			JUL		
28...	1345	10.60	28...	1355	10.86
FEB			AUG		
25...	1415	10.37	27...	1240	12.56
MAR			SEP		
30...	1000	9.95	29...	1355	11.81

WELL NUMBER.--264527081262102. Local Number HE 500. USGS Observation Well at LaBelle, Fl.

LOCATION.--Lat 26°45'27", long 81°26'19", in NW¼SW¼ sec.8, T.43 S., R.29 E., Hydrologic Unit 03090205, 0.25 mi (0.4 km) south of intersection of State Highway 29 and State Highway 80 in LaBelle, and 8.1 mi (13.0 km) southwest of Ortona Lock.

AQUIFER.--Nonartesian aquifer of Pleistocene Series, Geologic Unit 112 NRSB. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 9 ft (2.7 m), cased to 6 ft (1.8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 14.28 ft (4.35 m) National Geodetic Vertical Datum of 1929. Prior to October 1975, land-surface datum was considered to be 19.48 ft (5.94 m) NGVD. October 1975 to September 1976, land-surface was considered to be 17.28 ft (5.27 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--August 1974 to current year. The figures of water levels as elevation in feet NGVD, prior to October 1976 are in error. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 13.89 ft (4.23 m) NGVD, Sept. 30, 1979; lowest, 6.68 ft (2.04 m) NGVD, present datum, May 20-28, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.90	10.93	11.10	10.54	10.60	10.41	9.90	9.26	9.05	10.02	11.64	12.35
10	11.52	10.86	10.94	10.51	10.74	10.17	9.82	9.18	10.20	9.83	11.18	13.05
15	11.36	11.12	10.87	10.46	10.60	10.13	9.72	9.07	10.25	9.66	11.82	12.96
20	11.20	11.49	10.78	10.42	10.54	10.15	9.64	9.00	10.13	10.10	12.55	12.45
25	11.03	11.31	10.82	10.92	10.40	10.17	9.57	8.88	9.97	10.10	12.38	12.07
EOM	11.13	11.31	10.67	10.48	10.35	10.50	9.42	8.98	10.24	11.04	12.73	11.81
MEAN	11.39	11.14	10.90	10.56	10.55	10.20	9.74	9.08	9.89	10.13	12.02	12.50
MAX	12.04	11.55	11.25	11.21	10.74	10.50	10.25	9.39	10.36	11.04	13.29	13.36
MIN	11.01	10.79	10.67	10.41	10.35	10.03	9.42	8.86	9.03	9.63	11.07	11.81

WTR YR 1981 MEAN 10.68 MAX 13.36 SEP 13 MIN 8.86 MAY 26

WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 9
HIGHLANDS COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	270157081203101	108
2	272504081120101	108
3	273751081155801	109

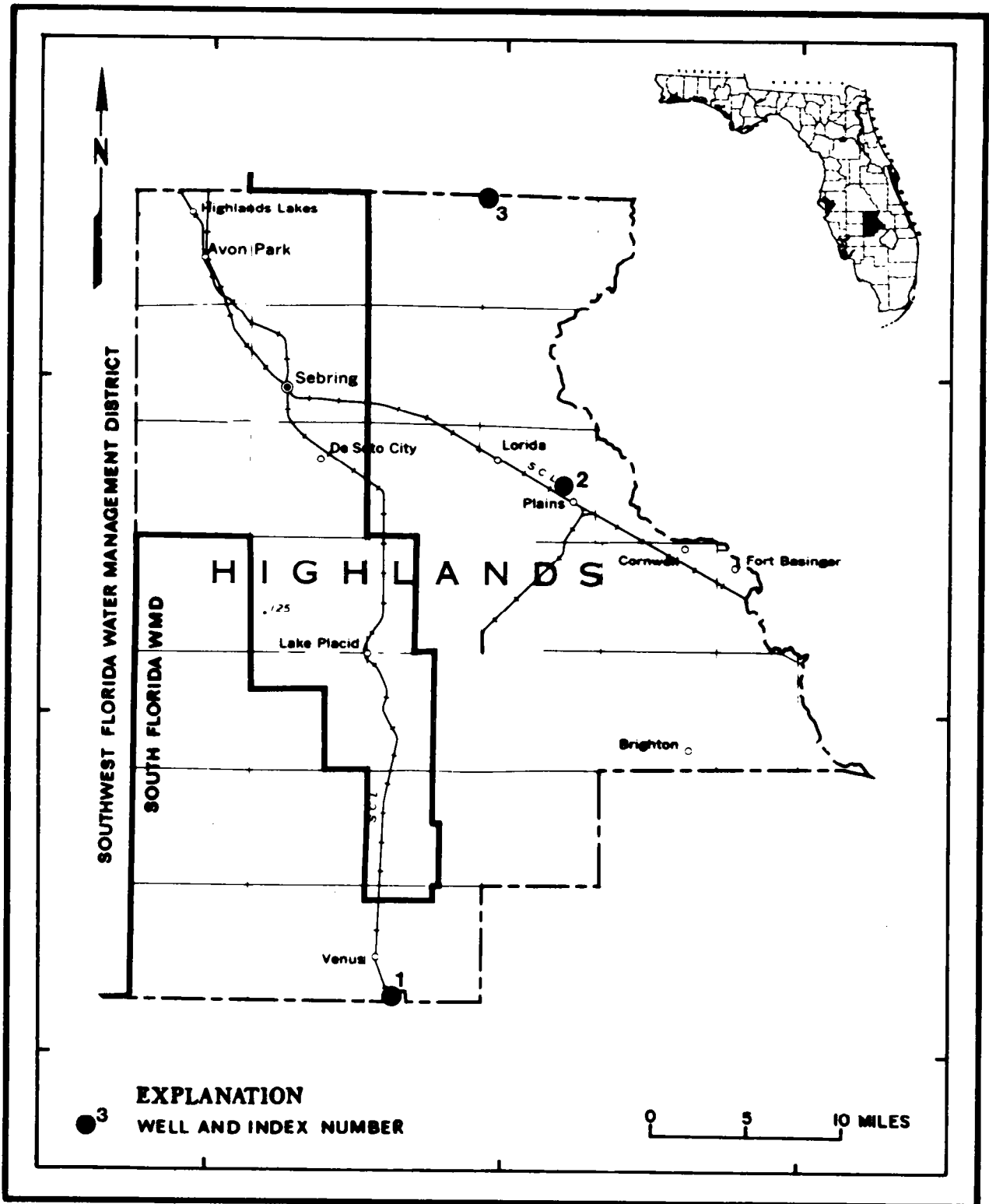


Figure 9. Location of wells in Highlands County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

HIGHLANDS COUNTY

WELL NUMBER.--270157081203101. Local Number 701-120-01. USGS Observation Well H15A near Palmdale, FL.

LOCATION.--Lat 27°02'02", long 81°20'33", in SE 1/4 SW 1/4 sec.32, T.39 S., R.30 E., Hydrologic Unit 03090103, on east side of U.S. Highway 27, 200 ft (61 m) north of Glades-Highlands County line, 2.4 mi (3.9 km) southeast of Venus, and 6.7 mi (10.8 km) northwest of Palmdale.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 23 ft (7 m), cased to 19 ft (6 m), gravel-packed screen from 19 ft (6 m) to 23 ft (7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 58.52 ft (17.84 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1948 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey. Prior to October 1977, published as USGS Observation Well H15A near Venus.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 59.67 ft (18.19 m) NGVD, Sept. 4, 1979; lowest, 53.49 ft (16.30 m) NGVD, June 27, 1956.

ELEVATION (FEET NGVD). WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	57.26	56.45	---	56.76	57.07	56.99	56.66	55.87	55.79	56.49	57.45	57.64
10	57.04	---	---	56.72	57.71	56.87	56.51	55.75	56.01	56.30	57.12	59.26
15	56.88	---	---	56.67	57.53	56.81	56.37	55.65	56.11	56.22	57.79	58.38
20	56.76	---	56.90	56.65	57.38	56.92	56.25	55.54	55.88	57.89	57.74	58.10
25	56.68	---	56.94	56.82	57.14	57.07	56.12	55.45	56.06	57.72	57.53	57.80
EOM	56.55	---	56.83	56.77	57.05	56.82	56.00	55.43	56.71	57.76	58.25	57.58
MAX	57.32	56.53	56.95	56.82	57.75	57.14	56.79	55.98	56.71	58.10	58.25	59.26
WTR YR 1981	MEAN	56.87	MAX	59.26	SEP 9 AND OTHERS	MIN	55.40	JUN 3				

WELL NUMBER.--272504081120101. Local Number 725-112-01. Observation Well H11A near Lake Placid, FL.

LOCATION.--Lat 27°25'04", long 81°12'01", in NE 1/4 SW 1/4 sec.23, T.35 S., R.31 E., Hydrologic Unit 03090101, on north side of U.S. Highway 98, 0.4 mi (0.6 km) east of State Highway 621, 2.6 mi (4.2 km) northwest of the Istokpoga Canal, and 9.0 mi (14.5 km) east of Lake Placid.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 16 ft (5 m), cased to 13 ft (4 m), gravel-packed screen from 13 ft (4 m) to 16 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 49.02 ft (14.94 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1956 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 49.04 ft (14.95 m) NGVD, Sept. 10, 1960; lowest, 43.26 ft (13.19 m) NGVD, June 18, 1975.

ELEVATION (FEET NGVD). WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	45.71	44.65	44.57	44.17	44.45	45.11	44.46	43.75	44.02	46.83	46.49	46.57
10	45.36	44.50	44.44	44.12	45.17	44.95	44.31	43.64	44.12	46.99	46.59	47.12
15	45.09	44.50	44.34	44.09	45.41	44.84	44.18	43.59	44.62	47.31	46.38	46.86
20	44.95	44.76	44.30	44.05	45.48	44.75	44.11	43.49	44.59	46.73	46.37	47.44
25	44.96	44.70	44.32	44.03	45.35	44.72	43.98	43.41	45.19	46.86	46.88	47.19
EOM	44.74	44.66	44.24	43.99	45.26	44.57	43.88	44.07	47.02	46.45	47.10	46.70
MAX	45.78	44.76	44.66	44.22	45.49	45.23	44.54	44.07	47.02	47.46	47.35	47.47
WTR YR 1981	MEAN	45.12	MAX	47.47	SEP 19	MIN	43.39	MAY 26				

HIGHLANDS COUNTY

WELL NUMBER.--273751081155801. Local Number 737-115-01. Observation Well H-9 near Avon Park, FL.

LOCATION.--Lat 27°37'51", long 81°15'58", in NE¼NW¼ sec.7, T.33 S., R.31 E., Hydrologic Unit 03090101, on south side of Fort Kissimmee Road, 8.0 mi (12.9 km) southeast of Avon Park Bombing Range main gate, and 14.0 mi (22.5 km) east of Avon Park.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 26 ft (8 m), cased to 22 ft (7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.32 ft (1.01 m) above land-surface datum.

DATUM.--Land-surface datum is 131.00 ft (39.93 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Since Oct. 1, 1968, records furnished by South Florida Water Management District and reviewed by U.S. Geological Survey.

PERIOD OF RECORD.--September 1948 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 132.22 ft (40.30 m) NGVD, June 12, 1978; lowest, 125.27 ft (38.18 m) NGVD, Aug. 8, 1950.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	128.06	---	128.32	127.90	127.66	127.85	127.82	---	127.90	128.32	128.30	129.47
10	127.71	---	128.05	127.76	128.56	---	127.65	126.98	129.09	129.37	128.05	130.33
15	127.55	128.86	127.89	127.65	128.42	127.57	127.47	126.85	128.70	129.17	127.89	129.75
20	127.39	127.86	128.32	127.56	128.66	127.46	127.33	126.85	129.20	129.40	129.26	129.67
25	127.26	127.65	128.51	---	128.20	128.50	127.21	127.10	129.23	128.80	130.25	128.94
EOM	127.12	128.73	128.12	127.58	128.03	127.06	127.09	127.56	128.85	128.56	129.56	---
MAX	128.13	128.86	128.64	128.07	128.76	128.61	128.00	127.93	129.55	130.22	130.45	130.68
WTR YR 1981	MEAN	128.24	MAX	130.68	SEP 17	MIN	126.75	MAY 19				

WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 10
LEE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER	INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	261954081410101	112	27	263440082022001	138
1	261954081410102	112	27	263440082022002	139
2	261957081432201	113	28	263532081592201	139
2	261957081432202	113	28	263532081592202	140
3	262022081464201	114	29	263533081573401	140
3	262022081464202	114	29	263533081573402	141
3	262042081455001	115	30	263621081563701	141
4	262435081535001	115	30	263621081563702	142
4	262435081535101	116	31	263630081375301	142
5	262538082045701	116	32	263633082002701	143
5	262549082035301	117	33	263712081461201	143
6	262552081485701	117	34	263718081485001	144
6	262552081485702	118	34	263718081485002	144
6	262552081485703	118	35	263743082041201	145
7	262622082022001	119	35	263743082041202	145
7	262622082022002	119	36	263802081493501	146
8	262657081443501	120	37	263807081430301	146
9	262659081382501	120	38	263813081552801	147
10	262703081340201	121	38	263813081552802	147
10	262703081340202	121	39	263814082020701	148
11	262706081435401	122	40	263819081585801	148
12	262713081414402	122	40	263819081585802	149
12	262713081414601	123	41	263834082005301	149
12	262713081414701	123	42	263850081365401	150
13	262839081503101	124	43	263903081550401	150
14	263041081433101	124	44	263907081592701	151
14	263041081433102	125	45	263943081351801	151
14	263041081433103	125	45	263950081355402	152
15	263117082051001	126	46	263955082083101	152
15	263117082051002	126	46	263955082083102	153
15	263117082051003	127	46	263955082083103	153
16	263127081451602	127	46	263955082083104	154
16	263138081545801	128	47	264002082012801	154
17	263233081550301	128	47	264002082012802	155
18	263251081452801	129	48	264053081572501	155
18	263251081452802	129	49	264101081443001	156
18	263251081452803	130	50	264144081520301	156
19	263253082014201	130	50	264144081520302	157
19	263253082014202	131	51	264153082022301	157
20	263257081585701	131	52	264308081410001	158
20	263257081585702	132	53	264320081365701	158
21	263307081555901	132	53	264320081365702	159
22	263323081522401	133	54	264329081340401	159
23	263329081394301	133	54	264329081340402	160
23	263335081394301	134	55	264359081424701	160
24	263344081361701	134	55	264359081424702	161
24	263344081361702	135	56	264425081454001	161
24	263344081361703	135	57	264517081513201	162
24	263344081361704	136	58	264517082022101	162
25	263353081335801	136	58	264517082022102	163
25	263353081335802	137	59	264537081552202	163
26	263357081575602	137	59	264537081552203	164
26	263357081575603	138	60	264608081454101	164
			60	264608081454102	165

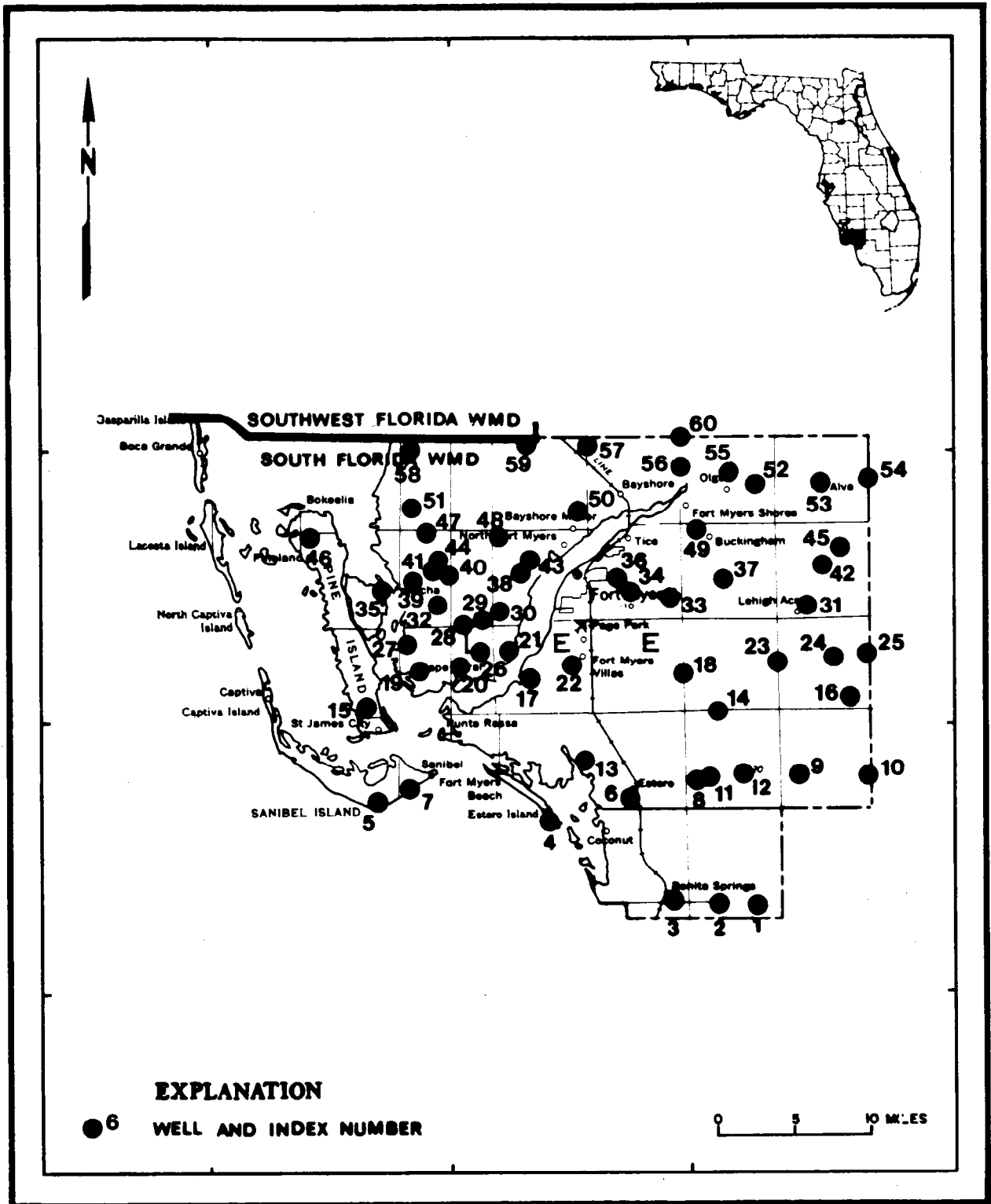


Figure 10. Location of wells in Lee County

LEE COUNTY

WELL NUMBER.--261954081410101. Local Number L 1996. USGS Observation Well near Bonita Springs, Fl.

LOCATION.--Lat 26°19'54", long 81°41'01", in SE¼SW¼ sec.35, T.47 S., R.26 E., Hydrologic Unit 03090204, 5.8 mi (9.3 km) east of intersection of U.S. Highway 41 and East Bonita Beach Road and 5.8 mi (9.3 km) east of Bonita Springs Post Office.

AQUIFER.--Sandstone aquifer of Miocene Series (corrected), Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 198 ft (60.4 m), cased to 65 ft (19.8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 15.23 ft (4.64 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Oct. 7-18.

PERIOD OF RECORD.--February 1975 to July 1977. December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 13.10 ft (3.99 m) NGVD, Oct. 4, 1980; lowest, 1.33 ft (0.41 m) NGVD, Apr. 15, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	11.75	6.87	6.18	4.57	7.58	5.80	2.94	4.88	8.54	10.58	11.58	12.77
10	10.80	5.27	6.13	4.35	5.70	5.15	2.10	5.58	9.25	10.39	11.40	12.70
15	8.95	7.15	5.36	3.38	6.60	4.55	1.33	5.92	9.18	11.12	11.67	12.80
20	8.15	4.30	5.96	4.06	8.05	4.75	2.27	6.05	9.12	10.92	12.19	12.26
25	7.06	5.25	6.40	6.54	5.89	4.75	2.20	6.14	9.83	10.89	12.74	11.20
EOM	6.19	8.44	5.61	6.64	5.60	3.70	3.50	7.82	10.86	10.99	12.76	10.60
MEAN	9.10	6.14	6.08	4.95	6.47	4.86	2.47	5.80	9.28	10.80	11.96	12.20
MAX	11.75	8.44	7.68	6.64	8.05	6.10	3.50	7.82	10.86	11.13	12.84	12.91
MIN	5.84	3.70	5.36	3.38	5.35	3.70	1.33	3.75	7.99	10.29	10.98	10.60

WTR YR 1981 MEAN 7.52 MAX 12.91 SEP 14 MIN 1.33 APR 15

WELL NUMBER.--261954081410102. Local Number L 1997. USGS Observation Well near Bonita Springs, Fl.

LOCATION.--Lat 26°19'54", long 81°41'01", in SE¼SW¼ sec.35, T.47 S., R.26 E., Hydrologic Unit 03090204, 5.8 mi (9.3 km) east of intersection of U.S. Highway 41 and East Bonita Beach Road and 5.8 (9.3 km) east of Bonita Springs Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 16.5 ft (5.03 m), cased to 10 ft (3.0 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.27 ft (0.79 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 15.23 ft (4.64 m) National Geodetic Vertical Datum of 1929. (Corrected).

REMARKS.--Water levels estimated Jan. 17-20 and June 6-29. Extreme low water level (Dec. 21) caused by heavy irrigation pumping.

PERIOD OF RECORD.--February 1975 to July 1977; December 1977 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 15.83 ft (4.82 m) NGVD, Sept. 2, 1981; lowest, 4.51 ft (1.37 m) NGVD, Dec. 21, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.05	12.78	13.90	11.96	12.82	12.94	11.87	11.83	13.25	13.52	15.36	15.61
10	14.40	12.77	10.05	10.98	13.17	12.79	11.61	11.42	15.15	13.93	14.94	15.59
15	13.95	14.12	6.50	13.23	12.97	12.75	11.57	11.15	15.35	14.92	15.30	15.36
20	13.75	14.12	4.56	12.70	13.43	12.62	11.62	10.92	14.57	14.27	15.64	15.48
25	13.35	13.82	6.99	13.25	12.94	12.88	11.51	12.70	13.60	14.23	15.71	15.17
EOM	12.98	13.43	11.88	12.82	12.93	12.60	12.17	13.15	14.27	14.05	15.53	14.87
MEAN	13.99	13.37	9.36	12.43	12.98	12.83	11.83	11.88	14.19	14.14	15.29	15.43
MAX	15.15	14.34	14.10	13.80	13.69	13.16	12.74	13.73	15.40	14.92	15.71	15.83
MIN	12.98	12.62	4.51	10.23	12.16	12.59	11.38	10.86	13.12	13.38	13.93	14.87

WTR YR 1981 MEAN 13.14 MAX 15.83 SEP 2 MIN 4.51 DEC 21

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--261957081432201. Local Number L 2194. USGS Observation Well near Bonita Springs, Fl.

LOCATION.--Lat 26°19'57", long 81°43'22", in SE¼SE¼ sec.32, T.47 S., R.26 E., Hydrologic Unit 03090204, 500 ft (152 m) north of East Bonita Beach Road, and 3.5 mi (5.6 km) east of Bonita Springs Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series (corrected), Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 137 ft (42 m), cased to 81 ft (25 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 14.60 ft (4.45 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Nov. 1-29, and Apr. 10-21.

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 water level, 12.76 ft (3.89 m) NGVD, Aug. 29, 1981; lowest 1.65 ft (0.50) below NGVD, estimated Apr. 18, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.13	6.10	4.22	2.37	1.96	4.59	.85	3.90	8.45	10.42	11.43	12.52
10	8.05	7.00	3.55	1.95	6.28	2.40	-0.80	5.27	8.99	10.25	11.22	12.46
15	7.35	5.50	5.35	2.52	4.52	2.18	-1.40	5.30	8.98	10.97	11.52	12.08
20	6.38	3.55	3.75	1.78	6.42	2.00	-0.90	5.08	8.96	10.82	12.04	12.09
25	4.88	7.50	2.15	1.73	5.62	1.50	-0.35	5.45	9.73	10.68	12.62	11.35
EOM	3.57	4.63	3.72	2.32	3.93	.60	2.03	7.65	10.75	10.88	12.70	10.25
MEAN	7.30	5.65	3.78	2.43	4.61	2.32	-0.16	5.13	9.12	10.67	11.83	12.01
MAX	11.35	8.67	5.85	4.97	6.68	4.61	2.03	7.65	10.75	10.99	12.76	12.70
MIN	3.57	3.30	1.80	1.70	1.83	.60	-1.65	2.45	7.86	10.13	10.87	10.25

WTR YR 1981 MEAN 6.23 MAX 12.76 AUG 29 MIN -1.65 APR 18

WELL NUMBER.--261957081432202. Local Number L 2195. USGS Observation Well near Bonita Springs, Fl.

LOCATION.--Lat 26°19'57", long 81°43'22", in SE¼SE¼ sec.32, T.47 S., R.26 E., Hydrologic Unit 03090204, 500 ft (152 m) north of East Bonita Beach Road, and 3.5 mi (5.6 km) east of Bonita Springs Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 15 ft (4.6 m), cased to 14 ft (4.3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.71 ft (0.83 m) above land-surface datum.

DATUM.--Land-surface datum is 14.69 ft (4.48 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated May 5-26.

PERIOD OF RECORD.--August 1975 to February 1978 (monthly); March 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level 14.42 ft (4.40 m) NGVD, Sept. 17, 1979; lowest measured, 8.38 ft (2.55 m) NGVD, estimated May 21, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.07	10.25	10.70	9.74	9.66	9.49	9.10	8.83	11.45	11.70	12.98	14.19
10	12.33	10.48	10.95	9.63	10.46	9.39	9.03	8.60	11.91	11.50	12.81	13.80
15	11.78	11.28	10.30	9.88	9.83	9.38	8.68	8.52	11.33	12.77	13.27	13.50
20	11.37	11.09	10.50	9.68	10.60	9.30	8.74	8.40	11.10	12.64	13.84	13.70
25	10.71	11.25	9.98	10.36	9.60	9.38	8.82	9.40	11.40	12.23	14.38	13.06
EOM	10.43	11.06	9.82	9.57	9.41	9.09	8.84	10.37	12.05	11.83	14.18	12.34
MEAN	11.73	10.77	10.44	9.88	9.97	9.38	8.92	8.95	11.42	12.09	13.41	13.62
MAX	13.07	11.52	11.10	10.84	10.60	9.83	9.18	10.37	12.05	12.80	14.38	14.28
MIN	10.43	9.88	9.82	9.57	9.40	9.09	8.68	8.38	10.45	11.30	11.84	12.34

WTR YR 1981 MEAN 10.89 MAX 14.38 AUG 25 AND OTHERS MIN 8.38 MAY 21

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262022081464201. Local Number L 738. USGS Observation Well at Bonita Springs, Fl.

LOCATION.--26°20'22", long 81°46'42", in SW¼NE¼ sec.35, T.47 S., R.25 E., Hydrologic Unit 03090204, at intersection of Felts and Childers Streets in Bonita Springs. (Revised).

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 75 ft (23 m), cased to 61 ft (19 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.15 ft (0.66 m) above land-surface datum.

DATUM.--Land-surface datum is 9.16 ft (2.79 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1968 to June 1973 (daily); July 1974 to current year (monthly). 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, 7.46 ft (2.27 m) NGVD, Oct. 5, 1969; lowest measured, 2.46 ft (0.75 m) below NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1410	-0.36	30...	1235	-2.46
NOV			MAY		
26...	1430	1.53	27...	1150	2.01
DEC			JUN		
31...	1345	-0.49	30...	1140	5.37
JAN , 1981			JUL		
29...	1335	1.57	30...	1225	5.51
FEB			AUG		
26...	1420	1.01	31...	1150	6.85
MAR			SEP		
31...	1355	-1.24	30...	1410	3.64

WELL NUMBER.--262022081464202. Local Number L 2310. USGS Observation Well at Bonita Springs, Fl.

LOCATION.--Lat 26°20'22", long 81°46'42", in SW¼NE¼ sec.35, T.47 S., R.25 E., Hydrologic Unit 03090205, at intersection of Felts Street and Childers Street at Bonita Springs Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 550 ft (168 m), cased to 396 ft (121 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing 2.10 ft (0.64 m) above land-surface datum.

DATUM.--Land-surface datum is 8.90 ft (2.71 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1976 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, 36.2 ft (11.0 m) NGVD, Oct. 31, 1979; lowest measured, 33.2 ft (10.1 m) NGVD, Apr. 30 and May 27, 1981.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1410	35.20	30...	1230	33.20
NOV			MAY		
26...	1435	35.40	27...	1145	33.20
DEC			JUN		
31...	1345	35.20	30...	1140	34.80
JAN , 1981			JUL		
29...	1345	35.20	30...	1220	34.80
FEB			AUG		
26...	1420	35.30	31...	1145	35.50
MAR			SEP		
31...	1405	34.50	30...	1410	35.50

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262042081455001. Local Number L 1691. Bonita Springs Observation Well near Bonita Springs, Fl. (Revised).

LOCATION.--Lat 26°20'42", long 81°45'50", in NE¼NW¼ sec.36, T.47 S., R.25 E., Hydrologic Unit 03090204, at Bonita Springs Water Plant at East Terry Street and 1.4 mi (2.3 km) east of Bonita Springs Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 69 ft (21.0 m), cased to 58 ft (17.7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 1.14 ft (0.35 m) above land-surface datum.

DATUM.--Land-surface datum is 12.49 ft (3.81 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated June 3-28.

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 water level, 11.92 ft (3.63 m) NGVD, Aug. 16-17, 1974; lowest, 2.65 ft (0.81 m) below NGVD, Apr. 20, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	9.76	1.29	2.97	-0.10	.58	1.98	-1.01	.50	6.00	8.50	9.28	10.85
10	7.33	5.30	2.64	.62	3.99	.78	-1.20	.93	6.45	8.25	9.66	9.82
15	6.13	5.50	2.08	-0.13	3.53	1.21	-1.30	-1.00	5.80	9.10	9.78	9.58
20	5.12	4.52	2.84	-0.11	3.83	.49	-2.65	1.15	6.60	9.17	10.37	10.30
25	4.12	4.45	2.90	3.85	2.88	.78	-2.08	2.10	7.40	8.50	10.37	8.33
EOM	3.25	5.99	1.32	1.15	2.50	-0.60	-0.70	4.10	7.98	8.84	10.88	7.20
MEAN	5.97	4.46	2.59	.75	2.79	.96	-1.54	1.48	6.51	8.72	9.98	9.84
MAX	9.78	7.48	4.68	3.85	4.31	2.87	.07	5.80	7.98	9.86	11.33	11.12
MIN	1.09	1.24	1.30	-2.20	.58	-0.60	-2.65	-1.00	5.66	7.57	8.77	7.20
WTR YR 1981	MEAN	4.38	MAX	11.33	AUG 29	MIN	-2.65	APR 20				

WELL NUMBER.--262435081555001. Local Number L 1635. USGS Observation Well near Fort Myers Beach, Fl.

LOCATION.--26°24'35", long 81°53'50", in NE¼SW¼ sec.3, T.47 S., R.24 E., Hydrologic Unit 03090204, at Bay Beach, 120 ft (37 m) north of Golf shop, and 4.5 mi (7.2 km) southeast of Fort Myers Beach Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 620 ft (189 m), cased to 360 ft (110 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of valve, 1.20 ft (0.37 m) above land-surface datum.

DATUM.--Land-surface datum is 3.51 ft (1.07 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1975 to current year (monthly). 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 (5.4 m) NGVD, Sept. 27, 1979; lowest measured, 13.0 ft (4.0 m) NGVD, Apr. 28, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1620	15.20	30...	0950	17.50
NOV			MAY		
26...	1620	16.40	27...	0945	14.50
DEC			JUN		
31...	1600	15.30	30...	0936	14.70
JAN , 1981			JUL		
29...	1100	15.20	30...	1040	15.10
FEB			AUG		
26...	1545	15.50	31...	0940	15.80
MAR			SEP		
31...	1540	14.30	30...	1150	16.30

WELL DESCRIPTION AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262435081535101. Local Number L 1634. USGS Observation Well near Fort Myers Beach, Fl.

LOCATION.--Lat 26°24'35", long 81°53'51", in NE¼SW¼ sec. 3, T.47 S., R.24 E., Hydrologic Unit 03090204, at Bay Beach 100 ft (30.5 m) north of Golf shop, and 4.5 mi (7.2 km) southeast of Fort Myers Beach Post Office.

AQUIFER.--Suwannee Limestone aquifer of the Oligocene Series, Geologic Unit 123 SWNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 950 ft (290 m), cased to 740 ft (226 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of elbow, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 3.28 ft (1.00 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1975 to current year (monthly). 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, 40.6 ft (12.4 m) NGVD, Oct. 11, 1977; lowest measured, 37.1 ft (11.3 m) NGVD, Dec. 1, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
MAY, 1981			AUG, 1981		
04...	1300	38.70	31...	0940	39.50
27...	0940	38.70	SEP		
JUN			30...	1155	38.00
30...	0935	38.90			
JUL					
30...	1005	38.10			

WELL NUMBER.--262538082045701. Local Number L 588. USGS Observation Well at Sanibel, Fl.

LOCATION.--Lat 26°25'38", long 82°04'57", in NE¼NW¼ sec.35, T.46 S., R.22 E., Hydrologic Unit 03100103, 15 ft (4.6 m) south of observation tower at Ding Darling Wildlife Refuge-Bailey Tract and 0.7 mi (1.1 km) south of Sanibel Post Office.

AQUIFER.--Limestone aquifer of Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 557 ft (170 m), cased to 403 ft (123 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of 2 inch elbow, 1.90 ft (0.58 m) above land-surface datum.

DATUM.--Land-surface datum is 2.69 ft (0.82 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1976 to current year (monthly). 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, 23.1 ft (7.0 m) NGVD, Sept. 24, 1981; lowest measured, 4.6 ft (1.4 m) NGVD, Apr. 18, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT, 1980			MAY, 1981		
31...	1035	15.60	01...	1045	8.20
NOV			29...	1015	16.00
28...	1055	17.30	JUN		
DEC			26...	1000	15.80
23...	1425	17.20	JUL		
JAN, 1981			31...	1145	16.40
30...	1040	15.60	AUG		
FEB			28...	0945	15.40
26...	1045	12.40	SEP		
MAR			24...	1010	23.10
27...	1115	5.80			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262549082035301. Local Number L 1403. USGS Observation Well at Sanibel, Fl.

LOCATION.--Lat 26°25'49", long 82°03'53", in NW¼SE¼ sec.25, T.46 S., R.22 E., Hydrologic Unit 03100103, 0.9 mi (1.4 km) south of intersection of Periwinkle Way and Casa Ybel Road and 1.1 mi (1.8 km) southeast of Sanibel Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 12 ft (4 m), cased to 3.0 ft (0.9 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 6.08 ft (1.84 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Aug. 10-26.

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 water level, 4.16 ft (1.27 m) NGVD, Sept. 3, 1977 and Sept. 7, 1981; lowest, 0.30 ft (0.09 m) below NGVD, July 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	3.00	1.42	1.69	1.32	1.15	1.13	.68	.06	-0.25	.24	.51	3.36
10	2.72	1.33	1.51	1.29	1.80	1.02	.56	-0.01	-0.26	.07	.80	3.56
15	2.47	1.65	1.40	1.26	1.58	.95	.45	-0.08	-0.27	-0.01	1.70	3.45
20	2.24	1.82	1.46	1.24	1.46	.90	.35	-0.16	-0.29	-0.05	2.75	3.75
25	2.05	1.65	1.37	1.23	1.32	.87	.25	-0.20	.29	.13	3.75	3.46
EOM	1.52	1.88	1.36	1.11	1.23	.77	.14	-0.20	.43	.53	3.47	3.26
MEAN	2.34	1.60	1.50	1.26	1.43	.96	.45	-0.08	-0.09	.16	2.01	3.52
MAX	3.00	1.88	1.83	1.35	1.81	1.22	.76	.11	.50	.53	3.75	4.16
MIN	1.52	1.30	1.36	1.11	1.09	.77	.14	-0.24	-0.30	-0.05	.49	3.26

WTR YR 1981 MEAN 1.25 MAX 4.16 SEP 7 MIN -0.30 JUN 19

WELL NUMBER.--262552081485701. Local Number L 741. USGS Observation Well near Estero, Fl.

LOCATION.--Lat 26°25'52", long 81°48'57", in NE¼NW¼ sec.33, T.46 S., R.25 E., Hydrologic Unit 03090204, at entrance to Koreshan State Park, 0.3 mi (0.5 km) west of U.S. Highway 41, and 2.1 mi (3.4 km) southeast of Estero Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 119 ft (36 m), cased to 102 ft (31 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.44 ft (0.74 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 15.71 ft (4.79 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--September 1968 to December 1974 (bimonthly); January 1975 to current year (monthly). 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 (3.96 m) NGVD, Oct. 30, 1969; lowest measured, 7.20 ft (2.19 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1210	10.50	30...	1315	8.25
NOV			MAY		
26...	1215	10.02	27...	1230	7.20
DEC			JUN		
31...	1145	9.53	30...	1215	8.65
JAN , 1981			JUL		
29...	1420	9.07	30...	1305	10.95
FEB			AUG		
26...	1210	8.95	31...	1250	9.61
MAR			SEP		
31...	1155	8.77	30...	1445	10.15

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262552081485702. Local Number L 2295. USGS Observation Well near Estero, Fl.

LOCATION.--Lat 26°25'52", long 81°48'57", in NE1/4 sec.33, T.46 S., R.25 E., Hydrologic Unit 03090204, at entrance to Koreshan State Park, 0.3 mi (0.5 km) west of U.S. Highway 41, and 2.1 mi (3.4 km) southeast of Estero Post Office.

AQUIFER.--Limestone aquifer of Miocene Age, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 610 ft (186 m), cased to 300 ft (91.4 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.30 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 15.71 ft (4.79 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1976 to current year (monthly). 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, 37.2 ft (11.3 m) NGVD, Apr. 30, 1980, lowest measured, 31.8 ft (9.7 m) NGVD, July 29, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1210	34.40	30...	1310	33.80
NOV			MAY		
26...	1220	34.30	27...	1240	34.00
DEC			JUN		
31...	1200	34.90	30...	1215	35.00
JAN , 1981			JUL		
29...	1425	35.50	30...	1300	35.00
FEB			AUG		
26...	1210	35.00	31...	1245	36.40
MAR			SEP		
31...	1200	34.20	30...	1450	35.90

WELL NUMBER.--262552081485703. Local Number L 2308. USGS Observation well near Estero, Fl.

LOCATION.--Lat 26°25'52", long 81°48'57", in NE1/4 sec.33, T.46 S., R.25 E., Hydrologic Unit 03090204, at entrance to Koreshan State Park, 0.3 mi (0.5 km) west of U.S. Highway 41, and 2.1 mi (3.4 km) southeast of Estero Post Office.

AQUIFER.--Water-table aquifer of Pleistocene Age, Geologic Unit 112 NRSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 20 ft (6.1 m), cased to 12 ft (3.7 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 15.49 ft (4.72 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1976 to current year (monthly). 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, 14.61 ft (4.45 m) NGVD, Aug. 30, 1979; lowest measured, 10.17 ft (3.10 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1215	12.49	30...	1315	10.17
NOV			MAY		
26...	1225	12.26	27...	1230	10.82
DEC			JUN		
31...	1150	11.63	30...	1220	12.44
JAN , 1981			JUL		
29...	1425	11.25	30...	1300	11.87
FEB			AUG		
26...	1215	11.19	31...	1250	13.77
MAR			SEP		
31...	1200	10.83	30...	1455	13.13

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262622082022001. Local Number L 1456. USGS Observation Well at Sanibel, Fl.

LOCATION.--Lat 26°26'22", long 82°02'20", in NW¼ sec.30, T.46 S., R.23 E., Hydrologic Unit 03100103, 0.5 mi (0.8 km) south of the intersection of Periwinkle Way and Lindgren Boulevard, and 2.7 mi (4.3 km) east of Sanibel Post Office.

AQUIFER.--Limestone aquifer of Pleistocene Series, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 33 ft (10 m), cased to 32 ft (10 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.40 ft (0.43 m) above land-surface datum.

DATUM.--Land-surface datum is 5.30 ft (1.62 m) National Geodetic Vertical Datum of 1929.

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 daily water level, 3.00 ft (0.91 m) NGVD, Nov. 3, 1975; lowest, 0.11 ft (0.03 m) NGVD, Mar. 4, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.98	1.86	2.29	1.94	1.98	2.21	2.19	2.49	2.16	2.32	1.77	2.48
10	2.15	2.28	2.35	1.89	2.18	1.75	1.72	1.68	1.67	1.91	1.95	2.68
15	2.05	2.48	2.26	1.74	1.94	1.85	1.58	1.93	1.88	2.36	2.36	2.68
20	2.23	2.28	2.07	1.96	1.97	1.50	2.08	2.24	2.38	2.23	2.42	2.27
25	2.12	2.25	1.40	1.50	1.52	1.48	1.79	1.79	2.06	2.10	2.46	2.15
EOM	1.65	1.75	1.79	1.65	1.55	1.62	1.81	2.26	2.52	2.47	2.94	2.23
MEAN	2.09	2.20	1.92	1.72	1.82	1.82	1.78	2.02	2.08	2.22	2.32	2.48
MAX	2.52	2.62	2.64	2.24	2.26	2.52	2.19	2.58	2.52	2.55	2.94	2.73
MIN	1.50	1.57	1.15	1.10	.85	1.12	1.43	1.44	1.50	1.75	1.77	1.98

WTR YR 1981 MEAN 2.04 MAX 2.94 AUG 31 MIN .85 FEB 12

WELL NUMBER.--262622082022002. Local Number L 1457. USGS Observation Well near Sanibel, Fl.

LOCATION.--Lat 26°26'22", long 82°02'20", in NW¼ sec.29, T.46 S., R.23 E. (corrected), Hydrologic Unit 03100103, 0.5 mi (0.8 km) south of the intersection of Periwinkle Way and Lindgren Boulevard, and 2.7 mi (4.3 km) east of Sanibel Post Office.

AQUIFER.--Water-table Aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, water-table well, diameter 2 in (5 cm), depth 11 ft (3.4 m), cased to 8 ft (2.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.30 ft (0.39 m), above land-surface datum.

DATUM.--Land-surface datum is 5.30 ft (1.61 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1971 to current year (monthly). 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, 3.84 ft (1.17 m) NGVD, Aug. 28, 1981; lowest measured, 0.56 ft (0.17 m) NGVD, Jan. 21, 1975 and June 8, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
31...	0955	1.16	01...	1015	0.61
NOV			29...	0940	0.82
28...	1015	1.46	JUN		
DEC			26...	0920	1.60
23...	1340	1.04	JUL		
JAN , 1981			31...	0955	1.60
30...	1010	0.79	AUG		
FEB			28...	0910	3.84
27...	1005	0.94	SEP		
MAR			24...	1220	2.20
27...	1025	0.75			

LEE COUNTY

WELL NUMBER.--262657081443501. Local Number L 739. USGS Observation Well near Estero, Fl.

LOCATION.--Lat 26°26'57", long 81°44'35", in NE¼NE¼ sec.30, T.46 S., R.26 E., Hydrologic Unit 03090204, 4.5 mi (7.2 km) east of intersection of U.S. Highway 41 and Corkscrew Road, and 5.3 mi (8.5 km) southeast of Estero Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 20 ft (6 m), cased to 18 ft (5 m).

INSTRUMENTATION.--Tape-measured. Measuring point: Top of recorder shelf, 2.87 ft (0.87 m) above land-surface datum.

DATUM.--Land-surface datum is 18.65 ft (5.68 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1968 to September 1974 (bi-monthly); October 1974 to September 1977 (daily); October 1977 to current year (monthly). 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 (5.72 m) NGVD, Mar. 30, 1970; lowest measured, 13.28 ft (4.05 m) NGVD, Apr. 29, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1225	16.27	30...	1330	13.80
NOV			MAY		
26...	1235	16.42	27...	1305	16.04
DEC			JUN		
31...	1210	15.52	30...	1240	16.99
JAN , 1981			JUL		
29...	1435	15.36	30...	1325	17.62
FEB			AUG		
26...	1235	15.13	31...	1305	14.40
MAR			SEP		
31...	1225	14.76	30...	1505	17.69

WELL NUMBER.--262659081382501. Local Number L 2192. USGS Observation Well near Estero, Fl.

LOCATION.--Lat 26°26'59", long 81°38'25", in NW¼NW¼ sec.29, T.46 S., R.27 E., Hydrologic Unit 03090204, 10.7 mi (17.2 km) east of intersection of U.S. Highway 41 and Corkscrew Road, and 11.6 mi (18.7 km) east of Estero Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 184 ft (56 m), cased to 155 ft (47 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.8 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 27.26 ft (8.31 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1975 to current year (monthly). 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, 19.79 ft (6.03 m) NGVD, Sept. 26, 1975; lowest measured, 9.81 ft (2.99 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1330	15.39	30...	1315	9.81
NOV			MAY		
26...	1335	15.06	27...	1350	11.03
DEC			JUN		
31...	1310	15.96	30...	1330	14.54
JAN , 1981			JUL		
29...	1450	12.45	30...	1345	17.21
FEB			AUG		
26...	1340	12.91	31...	1350	17.56
MAR			SEP		
31...	1320	11.43	30...	1525	17.17

LEE COUNTY

WELL NUMBER.--262703081340201. Local Number L 731. USGS Observation Well near Lehigh Acres, Fl. (Revised).

LOCATION.--Lat 26°27'03", long 81°34'02", in NE¼NE¼ sec.25, T.46 S., R.27 E., Hydrologic Unit 03090204, 0.2 mi (0.3 km) west of Hendry County line, 4.5 mi (7.2 km) south of State Highway 82, and 11.7 mi (18.8 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 243 ft (73.6 m), cased to 165 ft (50.0 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.43 ft (0.74 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 25.19 ft (7.63 m) National Geodetic Vertical Datum of 1929.

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 water level, 24.62 ft (7.50 m) NGVD, Oct. 5, 1969; lowest, 5.50 ft (1.68 m) NGVD, May 8, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.20	10.33	14.16	14.90	11.81	11.74	7.90	5.80	8.34	16.19	19.87	22.47
10	17.30	14.08	12.38	10.92	12.68	9.81	7.92	5.79	11.69	15.91	20.54	22.49
15	15.90	11.08	11.65	12.32	13.60	9.50	6.81	6.01	10.00	17.68	20.49	21.12
20	13.10	13.80	12.99	12.70	11.89	9.20	6.99	6.35	12.74	18.39	21.30	22.10
25	13.40	12.60	11.42	11.06	11.56	8.70	6.42	6.28	17.03	18.80	22.05	21.14
EOM	11.90	17.56	12.10	10.10	10.97	8.33	6.80	8.08	16.48	19.45	22.59	19.22
MEAN	15.80	13.03	12.51	11.72	12.05	9.67	7.21	6.50	11.95	17.37	20.82	21.59
MAX	22.20	17.56	17.70	15.13	13.80	12.39	8.33	8.74	17.43	19.80	22.59	22.71
MIN	11.20	10.31	11.33	10.10	10.10	8.30	6.03	5.50	7.62	13.82	18.86	19.22

WTR YR 1981 MEAN 13.36 MAX 22.71 SEP 8 MIN 5.50 MAY 8

WELL NUMBER.--262703081340202. Local Number L 1138. USGS Observation Well near Lehigh Acres, Fl. (Revised).

LOCATION.--Lat 26°27'03", long 81°34'02", in NE¼NE¼ sec.25, T.46 S., R.27 E., Hydrologic Unit 03090204, 0.2 mi (0.3 km) west of Hendry County line, 4.5 mi (7.2 km) south of State Highway 82, and 11.7 mi (18.8 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 20 ft (6.1 m), cased to 15 ft (4.6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 2.47 ft (0.75 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 25.19 ft (7.68 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--June 1970 to current year (monthly). 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, 25.00 ft (7.62 m) NGVD, Aug. 27, 1970; lowest measured, 20.98 ft (6.40 m) NGVD, Mar. 28, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT, 1980			APR, 1981		
29...	0935	21.87	29...	0945	21.67
NOV			MAY		
25...	0950	22.24	26...	0845	21.47
DEC			JUN		
30...	1020	22.09	29...	0935	21.88
JAN, 1981			JUL		
28...	1000	21.97	28...	0930	21.97
FEB			AUG		
25...	0930	21.88	27...	0850	22.96
MAR			SEP		
30...	0950	21.87	29...	0910	21.75

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262706081435401. Local Number L 1853. USGS Observation Well near Estero, FL.

LOCATION.--Lat 26°27'06", long 81°43'54", in SW¼SE¼ sec.20, T.46 S., R.26 E., Hydrologic Unit 03090204, 5.1 mi (8.2 km) east of intersection of Corkscrew Road and U.S. Highway 41, and 6.0 mi (9.7 km) east of Estero Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 210 ft (64 m), cased to 130 ft (40 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.30 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 19.98 ft (6.09 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--November 1974 to current year (monthly). 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, 14.13 ft (4.31 m) NGVD, July 27, 1978; lowest measured, 3.66 ft (1.12 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT . 1980			APR . 1981		
30...	1240	9.76	30...	1235	3.66
NOV			MAY		
26...	1245	8.98	27...	1310	5.78
DEC			JUN		
31...	1215	7.93	30...	1230	9.53
JAN , 1981			JUL		
29...	1440	6.96	30...	1330	11.63
FEB			AUG		
26...	1240	7.84	31...	1310	11.78
MAR			SEP		
31...	1235	5.98	30...	1510	12.68

WELL NUMBER.--262713081414402. Local Number L 2319. USGS Observation Well near Estero, FL.

LOCATION.--Lat 26°27'13", long 81°41'44", in NE¼SE¼ sec.22, T.46 S., R.26 E., Hydrologic Unit 03090204, 7.4 mi (11.9 km) east of intersection of U.S. Highway 41 and Corkscrew Road, and 8.2 mi (13.2 km) east of Estero Post Office. (Revised).

AQUIFER.--Limestone aquifer of Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 750 ft (229 m), cased to 492 ft (150 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.40 ft (0.73 m) above land-surface datum.

DATUM.--Land-surface datum is 19.80 ft (6.04 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1976 to current year (monthly). 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, 48.8 ft (14.9 m) NGVD, Apr. 28, 1977 and Oct. 31, 1979, lowest measured, 45.2 ft (13.8 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT . 1980			APR . 1981		
30...	1315	47.70	30...	1410	45.20
NOV			MAY		
26...	1325	47.80	27...	1340	46.00
DEC			JUN		
31...	1300	47.70	30...	1330	46.20
JAN , 1981			JUL		
29...	1500	47.50	30...	1355	46.60
FEB			AUG		
26...	1330	47.80	31...	1335	47.60
MAR			SEP		
31...	1310	46.80	30...	1535	48.10

LEE COUNTY

WELL NUMBER.--262713081414601. Local Number L 1984. USGS Observation Well near Estero, Fl.

LOCATION.--Lat 26°27'13", long 81°41'46", in SE¼SE¼ sec.22, T.46 S., R.26 E., Hydrologic Unit 03050204, 7.4 mi (11.9 km) east of intersection of U.S. Highway 41 and Corkscrew Road, and 8.2 mi (13.2 km) east of Estero Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, (corrected), Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 288 ft (88 m), cased to 206 ft (63 m).

REVISED RECORDS.--FL-79-2B: 1978.

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base, 3.58 ft (1.09 m) above land-surface datum.

DATUM.--Land-surface datum is 20.70 ft (6.31 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Extreme lows caused by pump tests.

PERIOD OF RECORD.--November 1974 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 water level, 17.59 ft (5.36 m) NGVD, Oct. 5, 6, 1979; lowest 0.25 ft (0.08 m) below NGVD, Aug. 2, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	15.66	12.67	10.45	10.90	9.78	8.80	6.50	3.66	6.70	8.78	4.15	12.38
10	15.51	12.13	9.85	9.88	10.03	8.90	6.80	3.25	6.35	8.93	10.44	12.97
15	15.09	12.27	10.66	9.90	10.43	8.90	6.78	3.40	8.95	5.98	2.68	13.65
20	14.49	11.58	9.95	9.88	9.65	8.90	6.44	3.40	8.70	8.83	2.43	13.83
25	13.42	11.92	10.80	9.88	9.36	8.88	4.50	3.70	8.00	10.55	4.00	13.77
EOM	12.83	12.04	10.96	9.76	9.80	8.65	4.10	5.10	8.50	1.20	8.73	13.66
MEAN	14.66	12.10	10.51	10.07	9.97	8.96	6.29	3.68	7.70	7.58	5.78	13.13
MAX	15.66	12.86	11.96	10.92	10.47	9.92	8.55	5.10	9.35	11.10	11.49	13.83
MIN	12.83	10.50	9.83	9.72	9.36	8.65	3.95	3.00	5.20	.50	.03	8.75

WTR YR 1981 MEAN 9.19 MAX 15.66 OCT 1 AND OTHERS MIN .03 AUG 1 AND OTHERS

WELL NUMBER.--262713081414701. Local Number L 1985. USGS Observation Well near Estero, Fl.

LOCATION.--Lat 26°27'13", long 81°41'47", in NW¼SE¼ sec.22, T.46 S., R.26 E., Hydrologic Unit 03090204, 7.4 mi (11.9 km) east of intersection of U.S. Highway 41 and Corkscrew Road, and 8.2 mi (13.2 km) east of Estero Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 50 ft (15 m), cased to 43 ft (13 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base, 2.56 ft (0.78 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 20.82 ft (6.35 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated July 31 to Aug. 30.

PERIOD OF RECORD.--December 1974 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 water level, 20.12 ft (6.13 m) NGVD, Jan. 27, 1980; lowest 14.32 ft (4.36 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	18.89	16.33	17.78	16.82	16.96	16.33	15.75	14.85	18.44	18.60	18.82	18.88
10	18.63	16.65	17.52	16.67	17.63	16.10	15.58	14.75	18.00	19.65	18.33	18.93
15	18.21	18.08	17.26	16.58	17.14	15.99	15.45	14.62	17.17	19.64	18.52	18.88
20	17.57	17.36	17.71	16.70	17.13	16.10	15.32	14.54	16.85	19.10	18.98	18.83
25	17.28	17.48	17.44	17.14	16.65	16.65	15.12	14.35	19.07	18.77	19.43	18.48
EOM	16.62	18.06	16.97	16.70	16.44	16.10	15.01	18.30	18.87	18.78	19.27	17.87
MEAN	18.00	17.15	17.59	16.78	17.08	16.25	15.44	15.20	18.09	18.96	18.89	18.74
MAX	18.96	18.43	18.31	17.28	18.02	16.80	15.95	18.63	19.08	19.65	19.61	19.12
MIN	16.62	16.22	16.97	16.54	16.44	15.96	15.01	14.32	16.82	18.15	18.33	17.87

WTR YR 1981 MEAN 17.35 MAX 19.65 JUL 10 MIN 14.32 MAY 26

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--262839081503101. Local Number L 735. USGS Observation Well near Estero, Fl.

LOCATION.--Lat 26°28'39", long 81°50'31", in NE¼NE¼ sec.18, T.46 S., R.25 E., Hydrologic Unit 03090204, on south side of Park Road, 0.2 mi (0.3 km) west of U.S. Highway 41, and 1.5 mi (2.4 km) northwest of Estero Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 270 ft (82 m), cased to 223 ft (68 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of cap, 3.30 ft (1.01 m) above land-surface datum.

DATUM.--Land-surface datum is 4.22 ft (1.29 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1968 to November 1974 (bimonthly); December 1974 to current year (monthly). 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 (5.3 m) NGVD, Oct. 31, 1969; lowest measured, 7.8 ft (2.4 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1150	10.10	30...	1530	7.80
NOV			MAY		
26...	1200	10.90	27...	1450	8.90
DEC			JUN		
31...	1130	11.50	30...	1500	10.40
JAN , 1981			JUL		
29...	1610	10.50	30...	1525	11.00
FEB			AUG		
26...	1145	10.50	31...	1455	12.50
MAR			SEP		
31...	1125	9.10	28...	1420	13.50

WELL NUMBER.--263041081433101. Local Number L 1983. USGS Observation Well near Estero, Fl.

LOCATION.--Lat 26°30'41", long 81°43'31", in SW¼SW¼ sec.33, T.45 S., R.26 E., Hydrologic Unit 03090204, at Florida Cities Well field, 1.3 mi (2.1 km) north of Alico Road, and 7.2 mi (11.6 km) northeast of Estero Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, artesian well, diameter 4 in (10 cm), depth 345 ft (105 m), cased to 321 ft (98 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 26.54 ft (8.09 m) National Geodetic Vertical Datum of 1929. Prior to October 1980, land-surface datum was considered to be 26.80 ft (8.17 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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 1980 are in error. Revised records are in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 33.1 ft (10.1 m) NGVD (corrected), Oct. 29, 1975; lowest measured, 29.1 ft (8.9 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1125	30.90	30...	1530	29.10
NOV			MAY		
26...	1130	31.10	27...	1410	29.30
DEC			JUN		
31...	1100	31.10	30...	1420	30.70
JAN , 1981			JUL		
29...	1535	31.40	30...	1510	29.60
FEB			AUG		
26...	1130	30.80	31...	1440	30.30
MAR			SEP		
31...	1020	30.40	30...	1610	30.30

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263041081433102. Local Well Number L 1998. USGS Observation Well near Estero, Fl. (Revised.)
 LOCATION.--Lat 26°30'41", long 81°43'31", in SW¼SW¼ sec.33, T.45 S., R.26 E., Hydrologic Unit 03090204, at Florida Cities Well Field, 1.3 mi (2.1 km) north of Alico Rd., and 7.2 mi (11.6 km) northeast of Estero Post Office.
 AQUIFER.--Sandstone aquifer of the Miocene Series, (corrected), Geologic Unit 122 SNDS.
 WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 160 ft (48.8 m) cased to 100 ft (30.5 m).
 INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.60 ft (0.79 m) above land-surface datum.
 DATUM.--Land-surface datum is 26.60 ft (8.1 km) National Geodetic Vertical Datum of 1929.
 PERIOD OF RECORD.--May 1976 to current year.
 EXTREMES FOR PERIOD OF RECORD.-- Highest daily water level, 21.95 ft (6.69 m) NGVD, May 26, 1980; lowest 24.28 ft (7.40 m) below NGVD, Apr. 14, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
 MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-3.16	5.23	-7.05	---	.57	-8.62	---	---	---	-15.09	---	-19.05
10	-3.79	5.33	-2.88	---	-0.71	-8.31	-23.22	---	---	1.10	---	-11.18
15	1.35	7.64	-7.07	---	1.93	-8.99	-22.72	---	---	2.92	-14.40	-9.70
20	3.62	5.35	-8.91	---	-4.11	-11.35	-9.24	---	---	-0.15	-14.15	-5.72
25	6.39	-7.58	-9.92	---	-0.50	-11.27	---	---	---	9.81	-3.90	---
EOM	6.61	-4.15	-9.71	-2.09	-2.33	-4.06	---	---	-15.09	-11.85	-10.64	-13.39
MEAN	.80	2.41	-6.94	-3.35	-0.60	-9.59	-17.42	-15.74	-15.09	-3.83	-8.26	-10.10
MAX	6.64	8.26	8.00	-1.76	7.81	-3.26	-4.03	-15.74	-15.09	9.81	6.00	2.15
MIN	-4.23	-7.77	-9.94	-6.20	-9.31	-15.43	-24.28	-15.74	-15.09	-15.89	-14.80	-19.35

WTR YR 1981 MEAN -5.32 MAX 9.81 JUL 25 MIN -24.28 APR 14

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

WELL NUMBER.--263041081433103. Local Number L 1999. USGS Observation Well near Estero, Fl.
 LOCATION.--Lat 26°30'41", long 81°43'31", in SW¼SW¼ sec.33, T.45 S., R.26 E., Hydrologic Unit 03090204, at Florida Cities Well field, 1.3 mi (2.1 km) north of Alico Road, and 7.2 mi (11.6 km) northeast of Estero Post Office. (Revised).
 AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.
 WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 21 ft (6.4 m), cased to 16 ft (5 m).
 INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.32 ft (1.01 m) above land-surface datum. (Corrected)
 DATUM.--Land-surface datum is 26.60 ft (8.11 m) National Geodetic Vertical Datum of 1929. (Corrected).
 PERIOD OF RECORD.--November 1974 to current year (monthly). 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, 25.58 ft (7.80 m) NGVD, Aug. 31, 1981; lowest measured, 19.33 ft (5.89 m) NGVD, Apr. 29, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1030	23.40	30...	1520	20.27
NOV			MAY		
26...	1145	23.31	27...	1410	22.10
DEC			JUN		
31...	1110	22.69	30...	1425	23.23
JAN , 1981			JUL		
29...	1535	21.89	30...	1510	23.92
FEB			AUG		
26...	1130	22.36	31...	1430	25.58
MAR			SEP		
31...	1125	20.95	30...	1620	24.80

LEE COUNTY

WELL NUMBER.--263117082051001. Local Number L 2525. USGS Observation Well at Saint James City, Fl.

LOCATION.--Lat 26°31'17", long 82°05'10", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.26, T.45 S., R.22 E., Hydrologic Unit 03100103, at intersection of Pine Island Boulevard and Castile Road and 0.9 mi (1.4 km) north of Saint James City Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 645 ft (197 m), cased to 405 ft (123 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.30 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 3.89 ft (1.19 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1977 to current year (monthly). 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 (10.4 m) NGVD, Sept. 30, 1981; lowest measured, 25.4 ft (7.74 m) NGVD, Aug. 28, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
30...	1345	31.90	27...	1620	29.80
NOV			JUN		
26...	1340	32.00	30...	1320	31.90
DEC			JUL		
31...	1505	31.60	30...	1405	31.50
JAN , 1981			AUG		
29...	1550	31.60	31...	1250	33.40
MAR			SEP		
02...	1525	31.20	30...	1325	34.20
31...	1535	30.80			
APR					
30...	1530	30.40			

WELL NUMBER.--263117082051002. Local Number L 2821. USGS Observation Well at Saint James City, Fl.

LOCATION.--Lat 26°31'17", long 82°05'10", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.26, T.45 S., R.22 E., Hydrologic Unit 03100103, at intersection of Pine Island Boulevard and Castile Road and 0.9 mi (1.4 km) north of Saint James City Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 340 ft (104 m), cased to 290 ft (88 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 3.95 ft (1.20 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1978 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 16.1 ft (4.9 m) NGVD, Sept. 30, 1981; lowest measured, 12.4 ft (3.8 m) NGVD, June 30, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
30...	1350	14.40	27...	1625	13.50
NOV			JUN		
26...	1340	12.80	30...	1320	13.80
DEC			JUL		
31...	1510	14.00	30...	1405	14.40
JAN , 1981			AUG		
29...	1555	14.80	31...	1255	15.40
MAR			SEP		
02...	1525	14.00	30...	1325	16.10
31...	1540	14.00			
APR					
30...	1540	13.70			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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LEE COUNTY

WELL NUMBER.--263117082051003. Local Number L 3215. USGS Observation Well at Saint James City, Fl.

LOCATION.--Lat 26°31'17", long 82°05'10", in SE¼SW¼ sec.26, T.45 S., R.22 E., Hydrologic Unit 03100103, at intersection of Pine Island Boulevard and Castile Road and 0.9 mi (1.4 km) North of Saint James City Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water table well, diameter 1.25 in (3.2 cm), depth 18 ft (5.5 m), cased to 8 ft (2.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.86 ft (0.87 m) above land-surface datum.

DATUM.--Land-surface datum is 3.95 ft (1.20 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1978 to current year (monthly). Records of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORDS.--Highest water level measured, 4.65 ft (1.42 m) NGVD, Jan. 1, 1979; lowest measured, 0.01 ft (0.00 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1350	2.42	30...	1545	0.49
NOV			MAY		
26...	1235	3.30	27...	1645	0.01
DEC			JUN		
31...	1520	2.45	30...	1320	0.91
JAN , 1981			JUL		
29...	1600	1.87	30...	1605	2.66
FEB			AUG		
26...	1525	1.63	31...	1300	4.18
MAR			SEP		
31...	1545	1.20	30...	1325	2.99

WELL NUMBER.--263127081351602. Local Number L 2215. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°31'27", long 81°35'16", in NW¼NE¼ sec.35, T.45 S., R.27 E., Hydrologic Unit 03090205, at State Highway 82, 1.5 mi (2.4 km) west of Hendry County Line, and 7.6 mi (12.2 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 149 ft (45 m), cased to 99 ft (30 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.31 ft (0.40 m) above land-surface datum.

DATUM.--Land-surface datum is 30.23 ft (9.21 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 25.97 ft (7.92 m) NGVD, Aug. 30, 1978; lowest measured, 15.19 ft (4.63 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1310	21.01	30...	1250	15.70
NOV			MAY		
26...	1210	20.84	27...	1455	15.19
DEC			JUN		
31...	1030	19.70	30...	1315	20.01
JAN , 1981			JUL		
29...	1310	18.40	30...	1315	21.84
FEB			AUG		
26...	1235	19.29	31...	1355	24.52
MAR			SEP		
31...	1130	17.57	30...	1340	24.16

LEE COUNTY

WELL NUMBER.--263138081545801. Local Number L 730. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°31'27", long 81°35'16", in NW¼NE¼ sec.35, T.45 S., R.27 E., Hydrologic Unit 03090205, at State Highway 82, 1.5 mi (2.4 km) west of Lee and Hendry County line, and 7.6 mi (12.2 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Water-table aquifer of Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 19 ft (5.8 m), cased to 18.7 ft (5.7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 31.45 ft (9.53 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Sept. 7-20.

PERIOD OF RECORD.--August 1968 to September 1974 (bimonthly). October 1974 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 water level, 30.48 ft (9.29 m) NGVD, Oct. 30, 1969; lowest, 24.69 ft (7.52 m) NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	29.53	27.57	27.57	26.75	26.43	26.16	25.71	25.10	25.58	26.69	27.12	28.19
10	29.06	27.45	27.35	26.64	26.65	26.06	25.60	24.98	26.18	26.98	26.83	27.85
15	28.72	28.04	27.15	26.52	26.53	25.96	25.46	24.89	26.12	26.79	26.92	27.85
20	28.45	28.08	27.18	26.43	26.40	25.89	25.37	24.79	26.23	26.48	27.41	27.52
25	28.42	27.88	27.04	26.48	26.24	26.14	25.25	24.69	26.60	26.37	28.52	27.27
EOM	27.82	27.86	26.88	26.32	26.25	25.83	25.16	25.07	27.08	26.52	28.86	27.03
MEAN	28.72	27.78	27.26	26.55	26.43	26.04	25.47	24.93	26.14	26.63	27.48	27.74
MAX	29.83	28.35	27.77	26.85	26.65	26.24	25.82	25.16	27.08	27.02	28.86	28.86
MIN	27.82	27.35	26.88	26.32	26.24	25.83	25.16	24.69	25.07	26.34	26.63	27.03

WTR YR 1981 MEAN 26.77 MAX 29.83 OCT 3 MIN 24.69 MAY 25

WELL NUMBER.--263233081550301. Local Number L 1598. USGS Observation Well near Cape Coral, Fl.

LOCATION.--Lat 26°32'33", long 81°55'03", in NW¼SW¼ sec.21, T.45 S., R.24 E., Hydrologic Unit 03090205, 400 ft (122 m) west of intersection of South Town and River Drive and McGregor Boulevard, and 2.1 mi (3.4 km) southeast of Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 176 ft (54 m), cased to 137 ft (42 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land surface datum is 6.52 ft (1.99 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1972 to current year (monthly). 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 (2.75 m) NGVD, Aug. 29, 1973; lowest measured, 22.83 ft (6.96 m) below NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT, 1980			APR, 1981		
30...	0926	-7.13	30...	0920	-22.83
NOV			MAY		
26...	0930	-5.96	27...	0915	-16.16
DEC			JUN		
31...	0830	-8.56	30...	0850	-0.81
JAN, 1981			JUL		
29...	1010	-11.93	30...	0920	-2.58
FEB			AUG		
26...	0920	-13.13	31...	0905	4.92
MAR			SEP		
31...	0750	-14.51	30...	1055	0.31

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263251081452801. Local Number L 1993. USGS Observation Well near Fort Myers, Fla.

LOCATION.--Lat 26°32'51", long 81°45'28", in SE¼NE¼ sec.24, T.45 S., R.25 E., Hydrologic Unit 03090204, 6.8 mi (10.9 km) east of intersection of U.S. Highway 41 and Daniels Road, and 9.6 mi (15.4 km) southeast of Fort Myers Post Office. (Revised.)

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN. (Revised.)

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 242 ft (74.1 m), cased to 190 ft (57.9 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.29 ft (1.00 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 24.64 ft (7.51 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--March 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 26.79 ft (8.16 m) NGVD, Nov. 13, 1975 and Apr. 1-4 1980; lowest, 22.77 ft (6.94 m) NGVD, May 26, June 21, and June 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	25.68	25.57	25.46	25.12	24.70	24.53	23.92	23.28	22.84	22.84	23.32	24.27
10	25.68	25.54	25.40	25.10	24.80	24.34	23.82	23.13	22.83	22.99	23.24	24.38
15	25.66	25.56	25.36	25.00	24.66	24.31	23.73	22.99	22.78	23.08	23.50	24.54
20	25.64	25.48	25.28	24.95	24.67	24.33	23.57	22.90	22.78	23.11	23.64	24.55
25	25.61	25.46	25.26	24.95	24.65	24.21	23.54	22.78	22.78	23.12	24.00	24.57
EOM	25.57	25.48	25.16	24.76	24.50	24.03	23.39	22.81	22.85	23.19	24.23	24.58
MEAN	25.63	25.53	25.34	25.00	24.70	24.31	23.70	23.02	22.81	23.03	23.61	24.46
MAX	25.68	25.58	25.46	25.16	24.82	24.53	23.95	23.37	22.85	23.21	24.23	24.58
MIN	25.54	25.46	25.16	24.76	24.50	24.03	23.39	22.77	22.77	22.84	23.20	24.26

WTR YR 1981 MEAN 24.26 MAX 25.68 OCT 4 AND OTHERS MIN 22.77 MAY 26 AND OTHERS

WELL NUMBER.--263251081452802. Local Number L 1994. USGS Observation Well near Fort Myers, Fl.

LOCATION.--Lat 26°32'51", long 81°45'28", in NE¼SE¼ sec.24, T.45 S., R.25 E., Hydrologic Unit 03090204, 6.8 mi (10.9 km) east of intersection of U.S. Highway 41 and Daniels Road, and 9.6 mi (15.4 km) southeast of Fort Myers Post Office.

AQUIFER.--Sandstone aquifer of Miocene Series, Geologic Unit 122 SNDS. (Revised.)

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 100 ft (30.5 m), cased to 70 ft (21.3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.80 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 24.75 ft (7.54 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 27.19 ft (8.29 m) NGVD, June 1, 1975; lowest, 9.49 ft (2.89 m) NGVD, Apr. 13, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.10	17.53	16.52	14.19	15.22	12.84	10.90	10.20	14.05	16.26	17.17	18.81
10	19.80	17.83	15.75	14.23	15.42	13.26	10.33	9.97	14.72	17.52	17.26	18.85
15	19.63	16.58	15.00	15.08	15.55	12.83	9.88	10.02	15.15	16.50	17.61	19.05
20	19.40	17.49	14.00	15.22	15.10	12.17	9.78	11.08	15.23	17.20	18.01	18.90
25	18.10	17.05	13.50	15.30	14.11	11.89	10.33	11.55	15.61	17.30	19.12	18.75
EOM	17.56	17.56	14.30	14.92	13.66	11.79	10.40	12.85	16.08	17.22	18.88	18.18
MEAN	19.26	17.31	15.01	14.77	14.95	12.56	10.36	10.81	14.92	16.96	17.97	18.80
MAX	20.20	17.86	17.60	15.30	15.70	13.62	11.49	12.85	16.08	17.52	19.15	19.08
MIN	17.56	16.58	13.50	14.12	13.66	11.69	9.78	9.82	13.00	16.08	17.07	18.18

WTR YR 1981 MEAN 15.31 MAX 20.20 OCT 1 MIN 9.78 APR 20

LEE COUNTY

WELL NUMBER.--263251081452803. Local Number L 1995. USGS Observation Well near Fort Myers, Fl.

LOCATION.--Lat 26°32'51", long 81°45'28", in NE¼SW¼ sec.24, T.45 S., R.25 E., Hydrologic Unit 03090204, 6.8 mi (10.9 km) east of intersection of U.S. Highway 41 and Daniels Road, and 9.6 mi (15.4 km) southeast of Fort Myers Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRS D.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 24 ft (7.3 m), cased to 14 ft (4.3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf 4.00 ft (1.22 m) above land-surface datum.

DATUM.--Land-surface datum is 24.64 ft (7.51 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 27.65 ft (8.43 m) NGVD, Mar. 5, 1975; lowest, 20.05 ft (6.11 m) NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	24.49	22.10	21.98	21.34	21.13	21.19	20.85	20.39	20.69	21.25	22.23	24.91
10	23.52	22.09	21.80	21.25	21.88	21.11	20.75	20.34	20.60	22.65	21.80	25.05
15	22.97	22.85	21.66	21.17	21.51	21.03	20.65	20.18	20.50	22.65	23.21	25.22
20	22.70	22.36	21.93	21.08	21.81	20.97	20.58	20.13	20.40	21.95	24.50	25.06
25	22.50	22.33	21.62	21.38	21.40	21.32	20.50	20.05	21.05	22.12	24.98	24.35
EOM	22.26	22.36	21.40	21.26	21.33	20.99	20.42	20.79	21.69	21.80	25.01	24.20
MEAN	23.14	22.30	21.82	21.25	21.50	21.13	20.66	20.34	20.69	21.97	23.41	24.82
MAX	24.89	22.85	22.26	21.40	21.88	21.33	20.93	20.89	21.69	22.66	25.06	25.28
MIN	22.26	21.92	21.40	21.07	21.05	20.96	20.42	20.05	20.39	21.11	21.29	23.95

WTR YR 1981 MEAN 21.92 MAX 25.28 SEP 14 MIN 20.05 MAY 25

WELL NUMBER.--263253082014201. Local Number L 2643. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°32'53", long 82°01'42", in SW¼SE¼ sec.17, T.45 S., R.23 E., Hydrologic Unit 03100103, 100 ft (30 m) east of intersection of Sands Boulevard and El Dorado Boulevard west and in median of El Dorado Boulevard west and 5.3 mi (8.5 km) west of the Cape Coral Post Office.

AQUIFER.--Hwathorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 200 ft (61 m), cased to 141 ft (43 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.75 ft (0.84 m) above land-surface datum.

DATUM.--Land-surface datum is 6.53 ft (1.99 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to September 1978. November 1978 to September 1979 (bimonthly); October 1979 to January 1981 (semiannually); February 1981 to June 1981; July 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 daily water level, 10.58 ft (3.22 m) NGVD, Sept. 5, 1978; lowest measured, 4.12 ft (1.26 m) NGVD, April 16, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
02...	0900	7.56	27...	1200	6.28
27...	1300	6.56	JUN		
NOV			30...	0950	7.11
25...	1200	6.03	JUL		
JAN , 1981			30...	1215	7.37
29...	1259	5.94	AUG		
FEB			31...	1010	8.79
28...	1200	5.90	SEP		
MAR			30...	1000	9.10
31...	1200	5.45			
APR					
30...	1200	4.57			

LEE COUNTY

WELL NUMBER.--263253082014202. Local Number L 3206. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°32'53", long 82°01'42", in SW¼SW¼ sec.17, T.45 S., R.23 E., Hydrologic Unit 03100103, 100 ft (30 m) east of intersection of Sands Boulevard and El Dorado Boulevard West in the median of El Dorado Boulevard West and 5.3 mi (8.5 km) west of the Cape Coral Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 18 ft (5.5 m), cased to 8 ft (2.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 6.53 ft (1.99 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to October 1980 (semiannually); 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, 2.77 ft (0.84 m) NGVD, Aug. 31, 1981; lowest measured, 0.77 ft (0.23 m) NGVD, May 26, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
27...	1305	1.62	27...	1155	1.11
JAN , 1981			JUN		
29...	1225	1.28	30...	0955	2.61
FEB			JUL		
26...	1150	1.55	30...	1210	2.26
MAR			AUG		
31...	1200	1.43	31...	1010	2.77
APR			SEP		
30...	1100	1.25	30...	1000	1.94

WELL NUMBER.--263257081585701. Local Number L 2642. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°32'57", long 81°58'57", in SE¼SW¼ sec.14, T.45 S., R.23 E., Hydrologic Unit 03090205, 150 ft (46 m) north of intersection of Pelican Boulevard and El Dorado Parkway West in median of Pelican Boulevard and 2.5 mi (4.0 km) southwest of the Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 160 ft (49 m), cased to 108 ft (33 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 5.12 ft (1.56 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to August 1979 (bimonthly); October 1979 to October 1980 (semiannually); 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, 1.14 ft (0.35 m) below NGVD, Aug. 1, 1978; lowest measured, 21.06 ft (6.42 m) below NGVD, May 15, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
02...	1530	-11.68	27...	1140	-6.48
27...	1330	-19.46	JUN		
JAN , 1981			30...	0940	-6.37
29...	1115	-14.68	JUL		
FEB			30...	1200	-9.55
26...	1055	-16.18	AUG		
MAR			31...	1000	-3.40
31...	1145	-17.83	SEP		
APR			30...	0950	-8.63
30...	1045	-12.72			

LEE COUNTY

WELL NUMBER.--263257081585702. Local Number L 3205. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°32'57", long 81°58'57", in SE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.14, T.45 S., R.23 E., Hydrologic Unit 03090205, 150 ft (46 m) north of intersection of Pelican Boulevard and El Dorado Parkway West in median of Pelican Boulevard and 2.5 mi (4.0 km) southwest of the Cape Coral Post Office.

AQUIFER.--Nonartesian of the Pleistocene Series, Geologic Unit 112 NRS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 18 ft (5.5 m), cased to 8 ft (2.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.49 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 5.12 ft (1.56 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to September 1979 (bimonthly); May 1980 to October 1980 (semiannually); 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 (0.86 m) NGVD, June 4, 1979; lowest measured, 0.47 ft (0.14 m) below NGVD, Aug. 4, 1979.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
27...	1335	0.12	27...	1140	1.26
JAN , 1981			JUN		
29...	1125	0.27	30...	0940	1.43
FEB			JUL		
26...	1155	0.16	30...	1200	1.21
MAR			AUG		
31...	1145	0.53	31...	1000	1.42
APR			SEP		
30...	1045	0.42	30...	0950	0.73

WELL NUMBER.--263307081555901. Local Number L 2435. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°34'07", long 81°55'59", in NW $\frac{1}{4}$ SE $\frac{1}{4}$ sec.8, T.45 S., R.24 E., Hydrologic Unit 03090205, at intersection of 20th Place and 44th Street and 0.6 mi (1.0 km) northeast of Cape Coral Post Office.

AQUIFER.--Limestone aquifer of Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 704 ft (215 m), cased to 352 ft (107 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 5.19 ft (1.58 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1977 to current year (monthly). 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 (9.1 m) NGVD, Sept. 27, 1979; lowest measured, 23.9 ft (7.28 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
30...	0945	26.00	27...	1020	23.90
NOV			JUN		
26...	0915	26.00	30...	0915	25.60
DEC			JUL		
31...	1055	26.00	30...	1115	26.20
JAN , 1981			AUG		
29...	1015	25.80	31...	0900	26.70
MAR			SEP		
02...	1645	26.00	30...	0937	27.20
APR					
30...	0930	24.20			

LEE COUNTY

WELL NUMBER.--263323081522401. Local Number L 742. USGS Observation Well near Fort Myers, Fl.
 LOCATION.--Lat 26°33'23", long 81°52'24", in SE¼SE¼ sec.14, T.45 S., R.24 E., Hydrologic Unit 03090205, 0.1 mi (0.2 km) west of intersection of College Parkway and U.S. Highway 41, and 6.0 mi (9.7 km) south of Fort Myers Post Office.
 AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series (revised), Geologic Unit 122 HTRNN.
 WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 225 ft (68.2 m), cased to 138 ft (41.8 m).
 INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.20 ft (0.67 m) above land-surface datum.
 DATUM.--Land-surface datum is 9.27 ft (2.81 m) National Geodetic Vertical Datum of 1929.
 REMARKS.--Water levels estimated Aug. 3-30.
 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 water level, 3.02 ft (0.92 m) NGVD, Dec. 15, 1968; lowest, 78.61 ft (23.96 m) below NGVD, May 16, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
 MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-36.28	-59.30	-56.00	-61.98	-65.42	-65.38	-68.90	-71.65	-52.90	-45.10	-30.40	-5.98
10	-38.72	-58.22	-58.58	-62.29	-61.38	-67.80	-70.40	-67.65	-50.02	-44.05	-25.00	-4.32
15	-42.92	-51.25	-59.42	-63.58	-59.98	-66.26	-71.20	-58.80	-54.00	-36.00	-21.50	-3.58
20	-44.78	-52.38	-54.75	-66.40	-61.62	-65.30	-72.00	-60.95	-56.80	-36.55	-18.00	-2.28
25	-53.00	-52.38	-53.75	-62.16	-64.25	-63.85	-72.90	-59.40	-50.52	-40.40	-13.00	-1.64
EOM	-53.22	-51.40	-59.40	-64.28	-66.84	-66.64	-73.30	-54.42	-46.10	-33.45	-8.92	-2.40
MEAN	-44.09	-54.63	-56.75	-63.60	-63.10	-66.11	-71.26	-63.23	-51.90	-40.63	-20.73	-3.64
MAX	-34.95	-49.85	-52.80	-59.50	-59.98	-63.85	-67.50	-54.42	-46.10	-33.45	-8.92	-1.62
MIN	-54.58	-60.00	-59.44	-66.42	-66.84	-68.75	-73.70	-72.18	-58.20	-45.60	-31.65	-7.98
WTR YR 1981	MEAN	-49.91	MAX	-1.62	SEP 27	MIN	-73.70	APR 28				

WELL NUMBER.--263329081394301. Local Number L 2204. USGS Observation Well near Lehigh Acres, Fl.
 LOCATION.--Lat 26°33'29", long 81°39'43", in SE¼SE¼ sec.13, T.45 S., R.26 E., Hydrologic Unit 03090205, at southeast corner of intersection of State Highway 82 and Alabama Road, and 3.3 mi (5.3 km), south of Lehigh Acres Post Office.
 AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.
 WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 26 ft (7.9 m), cased to 23 ft (7.0 m).
 INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.60 ft (0.18 m) above land-surface datum.
 DATUM.--Land-surface datum is 30.05 ft (9.16 m) National Geodetic Vertical Datum of 1929.
 PERIOD OF RECORD.--September 1975 to current year (monthly). 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 (8.97 m) NGVD, Sept. 27, 1979; lowest measured, 24.10 ft (7.35 m) NGVD, June 29, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1320	27.83	30...	1325	24.81
NOV			MAY		
26...	1220	27.55	27...	1505	26.51
DEC			JUN		
31...	1045	26.90	30...	1325	27.54
JAN , 1981			JUL		
29...	1320	26.38	30...	1325	27.29
FEB			AUG		
26...	1400	26.23	31...	1400	29.14
MAR			SEP		
31...	1145	25.59	30...	1315	28.69

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263335081394301. Local Number L 729. USGS Observation Well near Lehigh Acres, FL.

LOCATION.--Lat 26°33'35", long 81°39'43", in NE¼SE¼ sec.13, T.45 S., R.26 E., Hydrologic Unit 03090205, at northwest corner of intersection of State Highway 82 and Alabama Road and 3.2 mi (5.1 km) south of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 103 ft (31 m), cased to 81 ft (25 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.45 ft (0.75m) above land-surface datum.

DATUM.--Land-surface datum is 29.34 ft (8.94 m) National Geodetic Vertical Datum of 1929.

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 RECORDED.--Highest daily water level, 25.46 ft (7.76 m) NGVD, Oct. 1-2, 1979; lowest 12.94 ft (3.94 m) NGVD, May 13, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	22.99	18.53	18.98	16.94	16.59	14.97	14.06	13.20	18.40	20.23	21.49	23.28
10	21.87	19.61	18.44	16.12	18.20	15.18	13.18	13.10	19.00	20.60	21.34	23.32
15	21.88	19.83	17.78	16.38	17.42	15.68	12.98	13.04	18.00	21.09	21.97	23.31
20	21.27	19.76	18.01	15.64	16.58	14.79	13.23	13.40	19.00	20.90	22.36	23.17
25	19.66	19.90	18.20	16.99	15.40	16.30	13.44	13.72	19.08	21.11	23.48	21.71
EOM	19.64	20.49	17.26	15.58	14.84	14.14	13.08	17.00	20.00	21.16	23.64	21.22
MEAN	21.36	19.47	18.23	16.46	16.53	15.18	13.45	13.84	18.90	20.76	22.28	22.84
MAX	22.99	20.49	20.21	17.28	18.55	16.56	14.17	17.00	20.50	21.19	23.65	23.49
MIN	19.46	18.07	17.13	15.38	14.84	14.01	12.98	12.94	17.08	20.10	21.15	20.93

WTR YR 1981 MEAN 18.29 MAX 23.65 AUG 29 AND OTHERS MIN 12.94 MAY 13

WELL NUMBER.--263344081361701. Local Number L 1963. USGS Observation Well near Lehigh Acres, FL.

LOCATION.--Lat 26°33'44", long 81°36'17", in NW¼SE¼ sec.15, T.45 S., R.27 E., Hydrologic Unit 03090205, at intersection of Bell Boulevard and Milwaukee Boulevard, and 4.0 mi (6.4 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 74 ft (23 m), cased to 68 ft (21 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing 2.41 ft (0.73 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 31.00 ft (9.45 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--December 1974 to current year (monthly). 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, 27.53 ft (8.39 m) NGVD, Sept. 26, 1975; lowest measured, 17.18 ft (5.24 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1220	20.60	30...	1155	21.28
NOV			MAY		
26...	1130	20.70	27...	1400	17.18
DEC			JUN		
31...	0950	19.45	30...	1230	20.56
JAN , 1981			JUL		
29...	1225	18.60	30...	1230	21.38
FEB			AUG		
26...	1155	18.76	31...	1310	24.65
MAR			SEP		
31...	1055	17.71	30...	1210	23.06

LEE COUNTY

WELL NUMBER.--263344081361702. Local Number L 1964. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°33'44", long 81°36'17", in NW¼SE¼ sec.15, T.45 S., R.27 E., Hydrologic Unit 03090205, at intersection of Bell Boulevard and Milwaukee Boulevard, and 4.0 mi (6.4 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRS D.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 24 ft (7.3 m), cased to 14 ft (4.3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing 2.40 ft (0.73 m) above land-surface datum.

DATUM.--Land-surface datum is 31.00 ft (9.45 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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, 28.92 ft (8.81 m) NGVD, Aug. 31, 1981; lowest measured, 22.47 ft (6.85 m) NGVD, May 28, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1220	25.17	30...	1200	23.03
NOV			MAY		
26...	1130	24.02	27...	1400	23.77
DEC			JUN		
31...	1000	23.93	30...	1230	26.57
JAN , 1981			JUL		
29...	1235	23.56	30...	1230	25.96
FEB			AUG		
26...	1155	23.50	31...	1315	28.92
MAR			SEP		
31...	1055	23.25	30...	1215	26.65

WELL NUMBER.--263344081361703. Local Number L 2186. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°33'44", long 81°36'17", in NW¼SE¼ 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 (6.4 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, (corrected), Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observations, artesian well, diameter 4 in (10 cm), depth 160 ft (48.8 m), cased to 133 ft (40.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.24 ft (0.68 m) above land-surface datum.

DATUM.--Land-surface datum is 30.73 ft (9.37 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1975 to October 1977 (monthly); November 1977 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 water level, 25.30 ft (7.71 m) NGVD, Sept. 30, 1979; lowest, 15.92 ft (4.85 m) NGVD, May 18, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	23.40	19.84	20.52	19.17	18.34	17.95	17.76	16.10	19.20	20.32	22.25	24.52
10	22.64	19.90	20.30	18.92	18.95	17.75	17.57	16.21	19.68	20.84	22.18	24.65
15	22.13	20.40	19.79	18.49	19.20	17.65	17.18	16.00	19.42	21.11	22.75	24.35
20	21.72	20.65	19.66	18.58	19.12	17.86	17.09	16.00	19.45	20.90	23.12	23.95
25	20.99	20.50	19.73	18.49	18.62	17.95	17.02	16.08	20.12	21.50	24.21	23.55
EOM	20.32	21.08	19.39	18.20	18.20	17.94	16.30	18.00	20.70	21.62	24.70	23.20
MEAN	21.97	20.33	19.98	18.72	18.75	17.86	17.30	16.42	19.56	20.98	23.05	24.15
MAX	23.40	21.08	21.12	19.34	19.35	18.21	17.84	18.02	20.70	21.62	24.70	24.80
MIN	20.32	19.52	19.24	18.20	18.20	17.63	16.30	15.92	18.22	20.32	21.75	23.20

WTR YR 1981 MEAN 19.93 MAX 24.80 SEP 1 AND OTHERS MIN 15.92 MAY 18

LEE COUNTY

WELL NUMBER.--263344081361704, Local Number L 2311. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°33'44", long 81°36'17", in NW¼SE¼ sec.15, T.45 S., R.27E., Hydrologic Unit 03090205, at intersection of Alexander Graham Bell Boulevard and Milwaukee Boulevard, and 14 mi (6.4 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm) depth 625 ft (180 m), cased to 300 ft (91.4 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of 8 in (20 cm) casing, 2.10 ft (0.64 m), above land-surface datum.

DATUM.--Land-surface datum is 31.20 ft (9.51 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1976 to current year (monthly). Records of water level prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 53.0 ft (16.2 m) NGVD, Sept. 27, 1979; lowest measured, 48.1 ft (14.7 m) NGVD, June 28, 1978.

ELEVATION, IN FEET, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1215	51.70	30...	1215	49.10
NOV			MAY		
26...	1125	51.80	27...	1335	49.80
DEC			JUN		
31...	1000	51.80	30...	1230	51.40
JAN , 1981			JUL		
29...	1230	51.10	30...	1230	51.60
FEB			AUG		
26...	1155	51.70	31...	1325	52.10
MAR			SEP		
31...	1050	51.00	30...	1215	52.30

WELL NUMBER.--263353081335801. Local Number L 1965. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°33'53", long 81°33'58", in SE¼NE¼ 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 (9.2 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 183 ft (55.8 m), cased to 50 ft (15 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.51 ft (0.76 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 29.67 ft (9.04 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--December 1965 to current year (monthly). 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 (8.00 m) NGVD, Aug. 30, 1978; lowest measured, 16.48 ft (5.02 m) NGVD, Apr. 28, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1240	22.77	30...	1235	19.49
NOV			MAY		
26...	1145	22.97	27...	1430	19.07
DEC			JUN		
31...	1010	22.13	30...	1255	22.27
JAN , 1981			JUL		
29...	1240	21.32	30...	1255	23.04
FEB			AUG		
26...	1205	21.67	31...	1335	25.77
MAR			SEP		
31...	1105	20.71	30...	1225	24.99

LEE COUNTY

WELL NUMBER.--263353081335802. Local Number L 1992. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°33'53", long 81°33'58", in SE¼NE¼ 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 (9.2 km) southeast of Lehigh Acres Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 29 ft (9 m), cased to 19 ft (6 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.40 ft (0.73 m) above land-surface datum.

DATUM.--Land-surface datum is 29.67 ft (9.04 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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 (8.22 m) NGVD, July 28, 1977; lowest measured, 19.24 ft (5.86 m) NGVD, Feb. 27, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT, 1980			APR, 1981		
30...	1245	23.25	30...	1240	22.03
NOV			MAY		
26...	1145	23.35	27...	1430	21.54
DEC			JUN		
31...	1015	22.99	30...	1255	23.50
JAN, 1981			JUL		
29...	1235	22.82	30...	1255	22.25
FEB			AUG		
26...	1205	22.85	31...	1340	25.24
MAR			SEP		
31...	1105	22.72	30...	1225	23.78

WELL NUMBER.--263357081575602. Local Number L 2703. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°33'57", long 81°57'56", in SW¼SE¼ sec.12, T.45 S., R.23 E., Hydrologic Unit 03090205, 150 ft (46 m) east of the intersection of Palm Tree Boulevard and Country Club Boulevard in the median strip of Country Club Boulevard and 1.3 mi (2.1 km) west of the Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 159 ft (48 m), cased to 120 ft (37 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 5.20 ft (1.58 m) National Geodetic Vertical Datum of 1929.

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 water level, 3.50 ft (1.07 m) below NGVD, Oct. 1, 1979; lowest 39.4 ft (12.01 m) below NGVD, April 21, 1981. See REMARKS.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-15.60	---	---	-22.50	-22.80		-30.32	-18.58	-8.80	-15.78	-13.38	-7.60
10	---	---	-24.05	---	-20.20		-32.88	---	-8.64	---	-12.99	-8.45
15	---	---	---	---	-19.98		-33.59	-15.12	-17.78	---	-11.81	-10.15
20	---	---	---	---	-19.10		---	-13.55	---	---	-10.55	-8.25
25	---	---	---	---	-23.83		---	-11.69	-13.20	---	-9.00	-9.60
EOM	---	---	-21.16	-22.50	---		-19.68	-10.22	-11.57	-16.59	-8.16	---
MEAN	-19.50	-20.80	-23.44	-22.22	-21.12		-30.72	-14.09	-12.20	-16.11	-11.36	-9.04
MAX	-15.60	-20.14	-21.16	-19.19	-17.90		-19.68	-10.22	-8.10	-12.28	-8.16	-7.60
MIN	-29.57	-21.80	-25.25	-24.80	-25.76		-33.59	-19.30	-17.78	-18.55	-16.32	-12.84

WTR YR 1981 MEAN -16.26 MAX -7.60 SEP 5 MIN -33.59 APR 15

NOTE: NUMBER OF MISSING DAYS OF RECORD EXCEEDED 20% OF YEAR

South Florida Water
Management District
REFERENCE CENTER

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263357081575603. Local Number L 3213. USGS Observation Well Cape Coral, Fl.

LOCATION.--Lat 26°33'57", long 81°57'56", in sec.12, T.45 S., R.23 E., Hydrologic Unit 03090205, 150 ft (46 m) east of the intersection of Palm Tree Boulevard and Country Club Boulevard in the median strip of Country Club Boulevard and 1.3 mi (2.1 km) west of the Cape Coral Post Office.

AQUIFER.--Water-table aquifer in the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 17.5 ft (5.33 m), cased to 7.5 ft (2.29 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 5.20 ft (1.58 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1978 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, 4.37 ft (1.33 m) NGVD, Sept. 27, 1979; lowest measured, 0.76 ft (0.23 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1015	1.63	30...	1020	0.76
NOV			MAY		
26...	0950	1.51	27...	1120	1.45
DEC			JUN		
31...	1200	1.43	30...	0930	3.59
JAN , 1981			JUL		
29...	1100	0.95	30...	1140	2.41
FEB			AUG		
26...	1045	1.06	31...	0920	3.94
MAR			SEP		
31...	1130	0.91	30...	0920	2.68

WELL NUMBER.--263440082022001. Local Number L 2644. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°34'40", long 82°02'20", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.5, T.45 S., R.23 E., Hydrologic Unit 03100103, at intersection of 39th Terrace and Surfside Boulevard in the median of Surfside Boulevard and 5.5 mi (8.8 km) west of the Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 180 ft (55 m), cased to 128 ft (39 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 4.11 ft (1.25 m) above land-surface datum.

DATUM.--Land-surface datum is 6.60 ft (2.01 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to September 1979 (bimonthly); October 1979 to October 1980 (semiannually); January 1981 to May 1981 (monthly); June 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, 9.03 ft (2.75 m) NGVD, Sept. 28, 1978; lowest measured, 3.24 ft (0.99 m) NGVD, April 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
27...	1235	6.04	27...	1230	4.54
JAN , 1981			JUN		
29...	1310	5.30	30...	--	5.78
FEB			JUL		
26...	1200	5.24	31...	--	6.38
MAR			AUG		
31...	1215	4.54	31...	--	7.40
APR			SEP		
30...	1130	3.24	30...	--	7.88

LEE COUNTY

WELL NUMBER.--263440082022002. Local Number L 3207. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°34'40", long 82°02'20", in SW¼SW¼ sec.5, T.45 S., R.23 E., Hydrologic Unit 03100103, at the intersection of 39th Terrace and Surfside Boulevard in the median of Surfside Boulevard and 5.5 mi (8.8 km) west of the Cape Coral Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 18 ft (5.5 m), cased to 8 ft (2.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.31 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 6.60 ft (2.01 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to September 1979 (bimonthly); May 1980 to October 1980 (semiannually); 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, 3.13 ft (0.95 m) NGVD, Sept. 25, 1979; lowest measured, 0.57 ft (0.17 m) below NGVD, Nov. 28, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
27...	1240	2.46	27...	1235	1.07
JAN , 1981			JUN		
29...	1315	1.27	30...	1010	2.30
FEB			JUL		
26...	1200	1.45	30...	1245	2.19
MAR			AUG		
31...	1220	1.35	31...	1030	2.68
APR			SEP		
30...	1140	1.11	30...	1025	1.92

WELL NUMBER.--263532081592201. Local Number L 581. USGS Observation Well at Cape Coral, Fl. (Revised).

LOCATION.--Lat 26°35'32", long 81°59'22", in NW¼NW¼ sec.2, T.45 S., R.23 E., Hydrologic Unit 03090205, 0.1 mi (0.2 km) east of intersection of Skyline Boulevard and Gleason Parkway and 3.5 mi (5.6 km) northwest of Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN. (Revised).

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 177 ft (53.6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.40 ft (1.03 m) above land-surface datum.

DATUM.--Land-surface datum is 9.58 ft (2.90 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels affected by pumping of nearby wells. Water levels estimated Apr. 16-22.

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 water level, 4.77 ft (1.46 m) NGVD, Sept. 10, 1960; lowest, 34.23 ft (10.43 m) below NGVD, May 12, 1974.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-18.62	-26.10	-20.41	-20.19	-22.77	-24.80	-25.70	-23.55	-16.48	-16.73	-18.24	-13.50
10	-19.11	-26.00	-20.78	-20.14	-21.89	-24.62	-29.05	-23.20	-17.24	-18.28	-15.68	-14.25
15	-20.30	-24.20	-20.68	-20.10	-21.10	-25.02	-30.35	-22.10	-18.84	-16.70	-16.99	-14.05
20	-21.57	-22.70	-19.50	-22.20	-22.90	-24.00	-32.15	-18.74	-19.26	-18.46	-15.67	-15.16
25	-22.80	-22.00	-18.95	-21.60	-23.00	-24.00	-29.65	-17.30	-18.18	-17.58	-14.24	-13.73
EOM	-25.10	-21.33	-18.85	-22.50	-23.92	-24.45	-25.90	-17.67	-16.43	-18.73	-13.23	-15.00
MEAN	-20.79	-23.98	-19.88	-21.03	-22.41	-24.44	-28.93	-20.78	-17.92	-17.44	-16.17	-14.14
MAX	-18.25	-21.33	-17.90	-18.98	-20.89	-23.30	-25.68	-16.88	-15.64	-16.68	-13.23	-12.97
MIN	-25.10	-26.60	-20.99	-22.88	-23.92	-26.10	-32.40	-25.20	-20.54	-18.73	-19.68	-15.16

WTR YR 1981 MEAN -20.64 MAX -12.97 SEP 7 MIN -32.40 APR 18

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263532081592202. Local Number L 1136. USGS Observation Well near Cape Coral, Fl.

LOCATION.--Lat 26°35'32", long 81°59'22", in NW¼NW¼ sec.2, T.45 S., R.23 E., Hydrologic Unit 03090205, 0.1 mi (0.2 km) east of intersection of Skyline Boulevard and Gleason Parkway, and 3.5 mi (5.6 km) northwest of Cape Coral Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 20 ft (6.1 m), cased to 15 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 9.71 ft (2.96 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1970 to current year (monthly). 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, 7.94 ft (2.42 m) NGVD, July 31, 1974; lowest measured, 2.01 ft (0.61 m) NGVD, Apr. 29, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1200	4.90	30...	1225	3.21
NOV			MAY		
26...	1040	4.54	27...	1320	3.53
DEC			JUN		
31...	1300	4.33	30...	1045	4.96
JAN , 1981			JUL		
29...	1230	3.97	30...	1320	4.66
FEB			AUG		
26...	1130	4.32	31...	0940	6.64
MAR			SEP		
31...	1305	3.87	30...	1045	5.23

WELL NUMBER.--263533081573401. Local Number L 2641. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°35'33", long 81°57'34", in SE¼SE¼ sec.36, T.44 S., R..23 E., Hydrologic Unit 03090205, 100 ft (30 m) north of intersection of 32nd Street and Academy Boulevard SE in the median of Academy Boulevard and 2.8 mi (4.5 km) northwest of the Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 170 ft (52 m), cased to 118 ft (36 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.75 ft (0.75 m) above land-surface datum.

DATUM.--Land-surface datum is 8.29 ft (2.53 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to September 1980 (bimonthly); October 1980 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, 10.21 ft (3.11 m) below NGVD, Sept. 28, 1978; lowest measured, 34.16 ft (10.41 m) below NGVD, May 15, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
06...	1220	-19.62	30...	1225	-27.58
27...	1450	-26.85	MAY		
30...	1050	-29.33	27...	1320	-18.74
NOV			JUN		
26...	1010	-22.76	30...	1115	-18.04
DEC			JUL		
31...	1215	-21.81	30...	1350	-22.11
JAN , 1981			AUG		
29...	1130	-26.08	31...	0930	-14.71
FEB			SEP		
26...	1125	-28.14	30...	0910	-18.03
MAR					
31...	1355	-29.26			

LEE COUNTY

WELL NUMBER.--263533081573402. Local Number L 3204. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°35'33", long 81°57'34", in SE¼SE¼ sec.36, T.44 S., R.23 E., Hydrologic Unit 03090205, 100 ft (30 m) north of the intersection of 32nd Street and Academy Boulevard SE in the median strip of Academy Boulevard and 2.8 mi (4.5 km) northwest of the Cape Coral the Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 20 ft (6.1 m), cased to 8 ft (2.4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.54 ft (0.77 m) above land-surface datum.

DATUM.--Land-surface datum is 8.29 ft (2.53 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to September 1979 (bimonthly); May 1980 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, 7.13 ft (2.17 m) NGVD, Aug. 31, 1981; lowest measured, 1.77 ft (0.54 m) NGVD, April 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1045	4.41	30...	1225	1.77
NOV			MAY		
26...	1015	3.52	27...	1325	1.78
DEC			JUN		
31...	1215	2.85	30...	1115	5.48
JAN , 1981			JUL		
29...	1130	2.10	30...	1350	5.36
FEB			AUG		
26...	1130	2.23	31...	0930	7.13
MAR			SEP		
31...	1400	1.99	30...	0900	5.64

WELL NUMBER.--263621081563701. Local Number L 2702. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°36'21", long 81°56'37", in NE¼NE¼ sec.31, T.44 S., R.24 E., Hydrologic Unit 03090205, at the intersection of Del Prado and Everest Parkway and 200 ft (61 m) west of Del Prado in the median strip of Everest Parkway and 2.3 mi (3.7 km) north of the Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 155 ft (47 m), cased to 120 ft (37 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.60 ft (1.10 m) above land-surface datum.

DATUM.--Land-surface datum is 7.83 ft (2.39 m) National Geodetic Vertical Datum of 1929.

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 water level, 8.52 ft (2.60 m) below NGVD, Oct. 17, 1978; lowest 36.39 ft (11.09 m) below NGVD, May 5, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-17.10	-26.70	-19.49	-19.85	-22.70	-24.49	---	-15.28	-18.22	-17.08	-12.23	
10	-18.60	-25.60	-19.68	-20.58	-20.84	-25.78	---	-14.66	-18.74	-17.35	-11.55	
15	---	-23.70	-20.38	-21.35	-19.85	-25.90	---	-18.20	-17.71	-16.48	-11.65	
20	---	-21.60	-20.30	-21.82	-21.92	-25.70	---	-19.28	-18.48	-15.15	-11.20	
25	---	-21.10	-20.25	-21.60	-23.82	-23.04	-18.27	-17.09	-17.73	-14.08	-11.40	
EOM	-26.00	-20.07	-19.30	-21.95	-23.45	-25.50	-16.62	-15.43	-18.55	-12.05	-13.53	
MEAN	-18.68	-23.66	-20.02	-21.39	-21.84	-24.50	-17.77	-16.86	-18.07	-15.72	-11.80	
MAX	-17.10	-20.07	-19.18	-19.37	-19.85	-22.26	-16.62	-14.60	-15.78	-12.05	-11.20	
MIN	-26.00	-27.90	-21.15	-22.81	-24.05	-26.50	-18.82	-21.84	-19.43	-18.02	-13.53	

WTR YR 1981 MEAN -19.23 MAX -11.20 SEP 20 AND OTHERS MIN -27.90 NOV 8

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263621081563702. Local Number L 3212. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°36'21", long 81°56'37", in NE¼NE¼ sec.31, T.44 S., R.24 E., Hydrologic Unit 03090205, at the intersection of Del Prado and Everest Parkway, 200 ft (61 m) west of Del Prado in the median strip of Everest Parkway and 2.3 mi (3.7 km) north of the Cape Coral Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 18 ft (5.49 m), cased to 10 ft (3.05 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.34 ft (1.02 m) above land-surface datum.

DATUM.--Land-surface datum is 7.83 ft (2.39 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1978 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, 5.49 ft (1.67 m) NGVD, May 31, 1979; lowest measured, 0.50 ft (0.15 m) NGVD, Feb. 26, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	0930	1.72	30...	0900	0.75
NOV			MAY		
26...	0900	1.80	27...	0955	0.79
DEC			JUN		
31...	1030	1.62	30...	0900	2.39
JAN , 1981			JUL		
28...	0955	0.77	30...	1100	1.69
FEB			AUG		
26...	0940	0.50	31...	0845	3.92
MAR			SEP		
31...	1055	0.77	30...	0850	2.59

WELL NUMBER.--263630081375301. Local Number L 1418. Lehigh Acres Observation Well at Lehigh Acres, Fl.

LOCATION.--Lat 26°36'30", long 81°37'53", in SE¼NE¼ sec.32, T.44 S., R.27., Hydrologic Unit 03090205, 0.5 mi (0.8 km) north of intersection of Leeland Heights Boulevard and Texas Road and 1.0 mi (1.6 km) northeast of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 62 ft (19 m) cased to 55 ft (17 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 1.76 ft (0.54 m) above land-surface datum.

DATUM.--Land-surface datum is 23.47 ft (7.15 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water level affected by pumping of nearby wells.

PERIOD OF RECORD.--January 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 water level, 23.05 ft (7.03 m) NGVD, June 20, 1971; lowest, 8.53 ft (2.60 m) NGVD May 1, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.75	15.54	16.02	16.01	15.70	15.30	14.65	13.48	15.45	15.59	17.72	20.72
10	16.76	16.23	15.65	15.73	16.00	15.00	14.37	14.01	15.50	16.94	17.06	20.63
15	16.31	16.19	15.64	15.79	15.70	15.07	14.18	13.51	15.50	17.18	19.11	20.58
20	16.62	16.50	15.68	15.67	15.70	15.63	14.29	13.55	15.41	16.37	19.48	20.27
25	16.01	16.45	15.66	16.18	15.32	15.15	14.06	13.70	15.90	17.10	21.49	19.76
EOM	16.04	16.81	15.65	15.32	15.20	14.72	13.93	15.60	16.10	16.92	21.23	19.41
MEAN	16.57	16.23	15.87	15.72	15.62	15.14	14.40	14.00	15.57	16.50	19.27	20.37
MAX	17.86	16.96	16.55	16.50	16.10	15.70	14.85	15.68	16.20	17.20	22.31	21.49
MIN	15.88	15.50	15.60	14.92	15.20	14.72	13.93	12.90	15.17	15.49	16.28	19.41

WTR YR 1981 MEAN 16.27 MAX 22.31 AUG 29 MIN 12.90 MAY 6

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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LEE COUNTY

WELL NUMBER.--263633082002701. Local Number L 1116. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°36'53", long 82°00'27", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.28, T.44 S., R.23 E., Hydrologic Unit 03100103, 200 ft (61 m) northeast of the intersection 15th Avenue and 19th Lane S. W. and 5.8 mi (9.3 km) northwest of Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 205 ft (62 m), cased to 106 ft (32 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 4.00 ft (1.22 m) above land-surface datum.

DATUM.--Land-surface datum is 9.02 ft (3.97 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1970 to April 1974 (annually); May 1975 to May 1976 (semiannually); October 1976 to September 1980 (quarterly); October 1980 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, 5.14 ft (1.57 m) below NGVD, Oct. 20, 1970; lowest measured, 35.89 ft (10.94 m) below NGVD, May 15, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1130	-26.86	30...	1145	-35.51
NOV			MAY		
26...	1030	-29.56	27...	1240	-26.38
DEC			JUN		
31...	1245	-22.40	30...	1100	-21.38
JAN , 1981			JUL		
29...	1200	-29.44	30...	1335	-19.98
FEB			AUG		
26...	1220	-25.35	31...	1100	-17.13
MAR			SEP		
31...	1320	-30.10	30...	1104	-20.54

WELL NUMBER.--263712081461201. Local Number L 728. USGS Observation Well near Fort Myers, Fl.

LOCATION.--Lat 26°37'12", long 81°46'12", in NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec.25, T.44 S., R.25 E., Hydrologic Unit 03090204, at intersection of Lee Boulevard and State Highway 82, and 6.6 mi (10.6 km) southeast of Fort Myers Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 19 ft (5.8 m), cased to 18 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.60 ft (0.49 m) above land-surface datum.

DATUM.--Land-surface datum is 21.05 ft (6.42 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1968 to February 1972 (bimonthly); March 1972 to current year (monthly). 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 (6.53 m) NGVD, Sept. 27, 1979; lowest measured, 15.94 ft (4.86 m) NGVD, May 17, 1974.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1315	18.28	30...	1350	16.46
NOV			MAY		
26...	1255	18.14	27...	1535	16.15
DEC			JUN		
31...	1115	17.62	30...	1400	19.12
JAN , 1981			JUL		
29...	1400	17.56	30...	1410	20.39
FEB			AUG		
26...	1430	17.75	31...	1450	21.30
MAR			SEP		
31...	1215	17.31	30...	1400	19.99

LEE COUNTY

WELL NUMBER.--263718081485001. Local Number L 1973. USGS Observation Well near Fort Myers, Fl.

LOCATION.--Lat 26°37'18", long 81°48'50", in SW¼NE¼ sec.28, T.44 S., R.25 E., Hydrologic Unit 03090205, in city well field at Eastwood Golf Course, 300 ft (91 m) west of Ortiz Boulevard, and 3.9 mi (6.3 km) southeast of Fort Myers Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 225 ft (69 m), cased to 172 ft (52 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 19.84 ft (6.05 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1974 to current year (monthly). 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 (5.99 m) NGVD, Sept. 17, 1974; lowest measured, 13.19 ft (4.02 m) NGVD, Apr. 29, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1415	16.86	30...	1400	14.69
NOV			MAY		
26...	1315	16.24	27...	1550	13.67
DEC			JUN		
31...	1115	16.33	30...	1420	15.30
JAN , 1981			JUL		
29...	1415	15.79	30...	1425	16.27
FEB			AUG		
26...	1450	15.84	31...	1510	17.70
MAR			SEP		
31...	1230	15.36	30...	1405	18.30

WELL NUMBER.--263718081485002. Local Number L 1974. USGS Observation Well near Fort Myers, Fl.

LOCATION.--Lat 26°37'18", long 81°48'50", in SW¼NE¼ sec.28, T.44 S., R.25 E., Hydrologic Unit 03090205, in city well field, at Eastwood Golf Course, 300 ft (91 m) west of Ortiz Boulevard, and 3.9 mi (6.3 km) southeast of Fort Myers Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 134 ft (41 m), cased to 85 ft (26 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 19.94 ft (6.08 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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 (5.83 m) NGVD, Sept. 26, 1976; lowest measured, 14.73 ft (4.49 m) NGVD, Apr. 1, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1420	16.12	30...	1400	14.98
NOV			MAY		
26...	1315	16.38	27...	1550	14.88
DEC			JUN		
30...	1115	16.36	30...	1420	17.51
JAN , 1981			JUL		
29...	1415	16.05	30...	1425	17.48
FEB			AUG		
26...	1450	16.09	31...	1505	18.49
MAR			SEP		
31...	1230	15.69	30...	1405	18.14

LEE COUNTY

WELL NUMBER.--263743082041201. Local Number L 2645. USGS Observation Well at Matlacha, Fl.

LOCATION.--Lat 26°37'43", long 82°04'12", in NW¼SW¼ 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 (0.2 km) south of Matlacha Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 210 ft (64 m), cased to 160 ft (49 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 5.54 ft (1.69 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to current year (monthly). 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, 16.9 ft (5.2 m) NGVD, July 30, 1981; lowest measured, 12.4 ft (3.8 m) NGVD, June 30, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
30...	1235	14.20	27...	1540	13.20
NOV			JUN		
26...	1140	15.10	30...	1235	15.00
DEC			JUL		
31...	1415	14.60	30...	1520	16.90
JAN , 1981			AUG		
29...	1415	15.40	31...	1250	16.30
MAR			SEP		
02...	1555	14.30	30...	1230	17.20
31...	1500	14.20			
APR					
30...	1445	13.00			

WELL NUMBER.--263743082041202. Local Number L 3208. USGS Observation Well at Matlacha, Fl.

LOCATION.--Lat 26°37'43", long 82°04'12", in NW¼SW¼ 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 (0.2 km) South of the Matlacha Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 18 ft (5.49 m), cased to 8 ft (2.44 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.82 ft (0.86 m) above land-surface datum.

DATUM.--Land-surface datum is 5.54 ft (1.69 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to current year (monthly). Record of water levels prior to October 1980 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 1.88 ft (0.57 m) NGVD, Sept. 25, 1979; lowest measured, 0.47 ft (0.14 m) NGVD, Jan. 29, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1240	1.04	30...	1445	0.86
NOV			MAY		
26...	1135	1.21	27...	1540	1.40
DEC			JUN		
31...	1420	0.71	30...	1235	1.72
JAN , 1981			JUL		
29...	1420	0.47	30...	1520	1.74
FEB			AUG		
26...	1405	0.53	31...	1205	1.58
MAR			SEP		
31...	1505	0.76	30...	1220	0.87

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263802081493501. Local Number L 246. USGS Observation Well near Fort Myers, Fl.

LOCATION.--Lat 26°38'02", long 81°49'35", in SE¼NE¼ sec.20, T.44 S., R.25 E., Hydrologic Unit 03090205, 0.5 mi (0.8 km) south of junction of State Highway 82, and Arcadia Street, and 2.9 mi (4.7 km) southeast of Fort Myers Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in (20 cm), depth 28 ft (8.5 m), cased to 19 ft (5.8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder platform, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 19.36 ft (5.87 m) National Geodetic Vertical Datum of 1929.

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

PERIOD OF RECORD.--January 1945 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 water level, 19.95 ft (6.08 m) NGVD, Aug. 22, 1981; lowest, 8.90 ft (2.72 m) NGVD, Mar. 30, 1956.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.79	16.30	17.06	16.57	17.02	16.71	16.30	15.65	17.70	18.23	18.95	19.52
10	17.16	16.24	16.84	16.53	17.53	16.52	16.16	15.58	18.75	17.75	18.34	19.76
15	16.85	16.05	16.72	16.52	17.26	16.44	16.04	15.50	17.90	17.50	19.36	20.01
20	16.69	16.90	16.77	16.50	17.25	16.87	15.95	15.42	17.41	17.20	19.37	19.56
25	16.55	17.07	16.71	17.02	16.93	16.78	15.84	15.31	18.10	17.30	19.58	19.06
EOM	16.41	17.42	16.63	16.87	16.82	16.47	15.74	16.50	18.61	19.42	19.40	18.53
MEAN	16.94	16.58	16.83	16.66	17.15	16.65	16.05	15.65	17.94	17.79	19.31	19.46
MAX	18.17	17.48	17.32	17.03	17.57	16.88	16.42	16.85	18.90	19.42	19.95	20.01
MIN	16.41	16.05	16.63	16.45	16.66	16.42	15.74	15.30	16.40	17.10	18.34	18.53

WTR YR 1981 MEAN 17.25 MAX 20.01 SEP 15 MIN 15.30 MAY 26

WELL NUMBER.--263807081430301. Local Number L 1968. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°38'07", long 81°43'03", in SW¼NE¼ sec.21, T.44 S., R.26 E., Hydrologic Unit 03090205, at intersection of Benton Road and Gunnery Road, and 4.8 mi (7.7 km) northwest of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 165 ft (50.3 m), cased to 70 ft (21 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.25 ft (0.69 m) above land-surface datum.

DATUM.--Land-surface datum is 23.68 ft (7.22 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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 (6.40 m) NGVD, Sept. 27, 1979; lowest measured, 14.64 ft (4.46 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1400	17.72	30...	1340	14.64
NOV			MAY		
26...	1250	17.62	27...	1530	14.73
DEC			JUN		
31...	1105	16.71	30...	1355	18.05
JAN , 1981			JUL		
29...	1350	16.50	30...	1405	18.43
FEB			AUG		
26...	1430	16.45	31...	1430	20.81
MAR			SEP		
31...	1210	15.69	30...	1350	19.28

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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LEE COUNTY

WELL NUMBER.--263813081552801. Local Number L 2640. USGS Observation Well near Cape Coral, Fl.

LOCATION.--Lat 26°38'13", long 81°55'28", in NE¼NE¼ sec.20, T.44 S., R.24 E., Hydrologic Unit 03090205, at intersection of Hunter Boulevard and Brikdale Avenue and 5.2 mi (8.4 km) north of Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 180 ft (55 m), cased to 128 ft (39 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 7.54 ft (2.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to current year (monthly). 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 (0.3 m) below NGVD, Sept. 5, 1978; lowest measured, 23.76 ft (7.24 m) below NGVD, June 30, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
06...	1130	-11.58	30...	0830	-19.70
27...	1415	-17.36	MAY		
30...	0900	-18.58	27...	0925	-21.46
NOV			JUN		
26...	0835	-14.20	30...	0830	-11.60
DEC			JUL		
31...	0940	-15.46	30...	1035	-13.23
JAN , 1981			AUG		
28...	0925	-18.14	31...	0825	-5.66
FEB			SEP		
26...	0915	-16.46	30...	0830	-6.07
MAR					
31...	0850	-21.56			

WELL NUMBER.--263813081552802. Local Number L 3203. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°38'13", long 81°55'28", in NE¼NE¼ sec.20, T.44 S., R.24 E., Hydrologic Unit 03090205, 100 ft (30 m) northwest of the intersection of Brickdale and Hunter Boulevard SE in the median of Hunter Boulevard and 4.8 mi (7.7 km) northeast of the Cape Coral Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 20 ft (6.10 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.74 m) above land-surface datum.

DATUM.--Land-surface datum is 7.54 ft (2.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 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, 5.73 ft (1.75 m) NGVD, Aug. 30, 1979; lowest measured, 3.30 ft (1.01 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	0900	4.22	30...	0830	3.61
NOV			MAY		
26...	0840	4.26	27...	0925	3.30
DEC			JUN		
31...	0945	4.33	30...	0830	4.55
JAN , 1981			JUL		
29...	0925	4.11	30...	1035	4.38
FEB			AUG		
26...	0920	4.26	31...	0825	5.70
MAR			SEP		
31...	0855	4.06	30...	0840	4.58

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263814082020701. Local Number L 1058. USGS Observation Well near Matlacha, Fl.

LOCATION.--Lat 26°38'14", long 82°02'07", in SE¼SW¼ sec.17, T.44 S., R.23 E., Hydrologic Unit 03100103, at Pine Island Water Plant, 0.3 mi (0.5km) east of intersection of State Roads 78 and 765 and 2.3 mi (3.7 km) east of Matlacha Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 146.5 ft (45 m), cased to 95 ft (29 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap, 0.40 ft (0.12 m) above land-surface datum.

DATUM.--Land-surface datum is 6.10 ft (1.98 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1978 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, 10.95 ft (3.34 m) NGVD, Sept. 27, 1979; lowest measured, 3.17 ft (0.97 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
30...	1230	7.48	19...	1400	4.13
NOV			27...	1525	4.67
26...	1140	7.46	JUN		
DEC			30...	1230	6.75
31...	1405	7.03	JUL		
MAR , 1981			30...	1500	6.65
02...	1610	5.75	AUG		
31...	1450	4.59	31...	1155	7.75
APR			SEP		
30...	1425	3.17	30...	1211	7.70

WELL NUMBER.--263819081585801. Local Number L 2701. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°38'19", long 81°58'58", in SE¼SW¼ sec.14, T.44 S., R.23 E., Hydrologic Unit 03090205, at the intersection of 4th Terrace and Nicholas Parkway in the median of Nicholas Parkway West, and 5.3 mi (8.5 km) northwest of the Cape Coral Post Office.

AQUIFER.--Hawthorn Limestone of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 210 ft (64 m), cased to 175 ft (53 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.68 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 13.04 ft (3.97 m) National Geodetic Vertical Datum of 1929.

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 water level, 4.46 ft (1.36 m) below NGVD, Nov. 16, 1978; lowest, 26.25 ft (8.00 m) below NGVD, June 30, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-13.70	-19.30	-17.65	-17.70	-21.08	-19.78	-19.56	-23.69	-16.59	-14.72	-14.43	-13.62
10	-14.20	-20.20	-17.25	-17.60	-20.20	-20.15	-21.40	-23.75	-16.82	---	-16.00	-13.85
15	-15.60	-20.40	-17.24	-17.37	-19.05	-19.36	-23.05	-23.22	-16.38	---	-13.93	-14.05
20	-17.50	-20.40	-17.82	-18.65	-18.80	-18.83	-23.76	-20.00	-16.79	---	-13.34	-13.40
25	-18.80	-20.00	-18.20	-18.23	-17.80	-18.36	-24.68	-18.90	-16.25	---	-12.88	-14.83
EOM	-19.10	-18.76	-16.45	-19.67	-17.75	-18.30	-24.78	-17.96	-14.52	-14.43	-13.10	-15.70
MEAN	-16.12	-19.86	-17.52	-18.00	-19.46	-19.13	-22.50	-21.56	-16.40	-14.47	-13.95	-14.03
MAX	-13.50	-18.76	-16.45	-16.68	-17.67	-18.10	-18.67	-17.96	-14.52	-14.05	-12.25	-13.40
MIN	-19.10	-20.40	-18.48	-19.67	-22.25	-20.20	-24.99	-24.42	-17.59	-14.93	-16.00	-16.05

WTR YR 1981 MEAN -17.93 MAX -12.25 AUG 28 MIN -24.99 APR 24

LEE COUNTY

WELL NUMBER.--263819081585802. Local Number L 3211. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°38'19", long 81°58'58", in SE¼SW¼ sec.14, T.44 S., R.23 E., Hydrologic Unit 03090205, at intersection of 4th Terrace and Nicholas Parkway west in the median of Nicholas Parkway west and 5.3 mi (8.5 km) northwest of Cape Coral Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 18.5 ft (5.64 m), cased to 10' ft (3.05 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.68 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 13.04 ft (3.97 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1978 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, 7.82 ft (2.38 m) NGVD, Aug. 28, 1980; lowest measured, 5.54 ft (1.66 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1120	6.38	30...	1305	5.79
NOV			MAY		
26...	1110	6.39	27...	1400	5.44
DEC			JUN		
31...	1335	6.35	30...	1140	7.14
JAN , 1981			JUL		
29...	1325	6.19	30...	1400	6.60
FEB			AUG		
26...	1245	6.33	31...	1115	7.61
MAR			SEP		
31...	1415	6.63	30...	1115	6.99

WELL NUMBER.--263834082005301. Local Number L 781. USGS Observation Well near Matlacha, Fl.

LOCATION.--Lat 26°38'34", long 82°00'53", in NW¼SW¼ sec.16, T.44 S., R.23 E., Hydrologic Unit 03100103, 0.4 mi (0.6 km) north of State Highway 78, and 3.5 mi (5.6 km) northeast of Matlacha Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series (revised), Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 290 ft (87.9 m), cased to 82 ft (24.8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.30 ft (0.70 m) above land-surface datum.

DATUM.--Land-surface datum is 10.01 ft (3.03 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Apr. 3-29 and May 20 to June 28.

PERIOD OF RECORD.--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 water level, 19.42 ft (5.92 m) NGVD, Sept. 10, 1966; lowest, 38.19 ft (11.64 m) below NGVD, May 6, 1972.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-5.38	-12.40	-10.62	-14.07	-16.90	-17.45	-22.50	-21.41	-12.50	-8.02	-10.80	-10.00
10	-6.39	-10.50	-11.73	-13.14	-15.90	-18.28	-23.60	-18.98	-13.00	-8.50	-9.35	-9.60
15	-8.95	-10.10	-12.28	-13.33	-15.35	-17.40	-25.00	-18.04	-15.00	-11.01	-9.30	-9.72
20	-9.80	-9.90	-11.84	-14.70	-15.25	-19.10	-25.00	-16.00	-16.00	-11.96	-5.25	-12.20
25	-10.49	-10.00	-12.12	-14.50	-15.95	-20.00	-24.00	-13.00	-13.75	-12.48	-8.80	-10.80
EOM	-10.80	-8.55	-13.65	-20.10	-16.55	-18.72	-22.57	-14.50	-7.14	-13.80	-9.95	-11.00
MEAN	-8.44	-10.42	-11.64	-14.37	-16.06	-18.27	-23.54	-17.25	-13.44	-10.66	-8.93	-10.71
MAX	-5.09	-8.55	-8.55	-12.40	-14.70	-16.43	-20.43	-13.00	-7.14	-7.25	-4.90	-9.60
MIN	-11.50	-12.40	-13.65	-20.10	-19.45	-21.00	-26.00	-22.12	-16.50	-13.80	-13.10	-12.72

WTR YR 1981 MEAN -13.62 MAX -4.90 AUG 21 MIN -26.00 APR 18

LEE COUNTY

WELL NUMBER.--263850081365401. Local Number L 727. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°39'50", long 81°35'54", in NW¼SW¼ sec.11, T.44 S., R.27 E., Hydrologic Unit 03090205, 3.1 mi (5.0 km) south of intersection of State Highway 80 and Joel Boulevard and 5.1 mi (8.2 km) northeast of Lehigh Acres Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 68 ft (20.6 m), cased to 67 ft (20.3 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.50 ft (0.76 m) above land-surface datum (corrected).

DATUM.--Land-surface datum is 21.64 ft (6.56 m) National Geodetic Vertical Datum of 1929.

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 water level, 18.53 ft (5.65 m) NGVD, Mar. 30, 1970; lowest, 13.31 ft (4.06 m) NGVD, May 12, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.05	15.79	15.87	15.46	15.16	15.13	14.72	13.94	14.30	15.07	15.56	17.70
10	16.79	15.72	15.80	15.43	15.27	14.98	14.58	13.85	14.66	15.15	15.72	17.86
15	16.46	15.76	15.70	15.35	15.32	14.98	14.41	13.73	14.77	15.24	16.00	17.86
20	16.27	15.81	15.64	15.24	15.25	15.02	14.36	13.67	14.67	15.18	16.35	17.72
25	16.10	15.85	15.64	15.30	15.20	14.99	14.20	13.59	14.93	15.29	17.09	17.50
EOM	15.85	15.87	15.55	15.27	15.16	14.87	14.09	13.97	15.10	15.33	17.70	17.19
MEAN	16.47	15.80	15.73	15.35	15.24	15.01	14.44	13.81	14.67	15.20	16.28	17.67
MAX	17.05	15.88	15.87	15.55	15.32	15.15	14.85	14.07	15.10	15.34	17.70	17.87
MIN	15.85	15.72	15.55	15.20	15.16	14.87	14.09	13.59	14.04	15.05	15.40	17.19

WTR YR 1981 MEAN 15.47 MAX 17.87 SEP 11 AND OTHERS MIN 13.59 MAY 25

WELL NUMBER.--263903081550401. Local Number L 954. USGS Observation Well near North Fort Myers, Fl.

LOCATION.--Lat 26°39'03", long 81°55'04", in NE¼NW¼ sec.16, T.44 S., R.24 E., Hydrologic Unit 03090205 0.1 mi (0.2 km) south of Hancock Bridge Parkway, 0.1 mi (0.2 km) west of Orange Grove Boulevard, and 2.5 mi (4.0 km) southwest of North Fort Myers Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 8 in (20 cm), depth 14 ft (4.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 3.80 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 8.91 ft (2.70 m) National Geodetic Vertical Datum of 1929.

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 water level, 8.68 ft (2.64 m) NGVD, Sept. 8, 9, 1981; lowest, 1.94 ft (0.59 m) below NGVD, May 27, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.75	3.65	3.52	2.90	2.97	-0.35	-0.72	-1.67	-1.67	1.62	2.02	8.05
10	5.15	3.50	3.45	2.78	2.57	.42	-0.98	-1.71	-1.49	.95	1.25	7.85
15	4.70	3.50	3.30	2.90	2.41	1.55	-1.01	-1.75	-1.28	1.82	2.38	8.08
20	4.45	3.65	3.23	2.72	1.13	1.56	-1.03	-1.65	-0.55	1.75	4.60	6.82
25	4.20	3.55	3.22	3.21	1.50	1.46	-1.19	-1.80	.82	1.74	6.70	5.48
EOM	3.85	3.65	3.18	3.15	.85	.04	-1.38	-1.75	1.56	1.33	7.33	4.78
MEAN	4.70	3.60	3.34	2.89	2.09	.81	-0.99	-1.70	-0.71	1.52	3.84	7.05
MAX	5.80	3.90	3.62	3.21	3.11	1.68	-0.32	-1.50	1.56	1.98	7.77	8.68
MIN	3.85	3.45	3.18	2.50	.84	-0.68	-1.38	-1.94	-1.90	.85	1.25	4.78

WTR YR 1981 MEAN 2.20 MAX 8.68 SEP 7 AND OTHERS MIN -1.94 MAY 27

LEE COUNTY

WELL NUMBER.--263907081592701. Local Number L 2528. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°39'07", long 81°59'27", in SW¼SW¼ sec.11, T.44 S., R.23 E., Hydrologic Unit 03100103, 100 ft (30 m) northeast of intersection of Embers Parkway and Nelson Road N. W. and 6.8 mi (10.9 km) northwest of Cape Coral Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 625 ft (190 m), cased to 420 ft (128 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 11.96 ft (4.47 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1978 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, 37.7 ft (11.5 m) NGVD, Sept. 30, 1981; lowest measured, 33.6 ft (10.2 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
30...	1215	35.70	27...	1435	33.60
NOV			JUN		
26...	1115	35.90	30...	1205	35.60
DEC			JUL		
31...	1345	35.90	30...	1440	35.90
JAN , 1981			AUG		
24...	1340	35.70	31...	1135	36.30
MAR			SEP		
02...	1625	35.80	30...	1130	37.70
31...	1420	35.00			
APR					
30...	1345	34.10			

WELL NUMBER.--263943081351801. Local Number L 706. USGS Observation Well near Lehigh Acres, Fl. (Revised).

LOCATION.--Lat 26°39'43", long 81°35'18" in NW¼SE¼ sec.11, T.44 S., R.27 E., Hydrologic Unit 03090205, 0.6 mi (1.0 km) east of intersection of East 17th Street and Joel Boulevard and 5.4 mi (8.7 km) northeast of Lehigh Acres Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 6 in (15 cm), depth 592 ft (180 m) (corrected), cased to 140 ft (43 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of 6 in elbow, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 22.74 ft (6.93 m) National Geodetic Vertical Datum of 1929. Prior to October 1980, land-surface datum was considered to be 20.74 ft (6.32 m). See PERIOD OF RECORD.

PERIOD OF RECORD.--April 1967 to December 1969 (quarterly); February 1970 to December 1974 (bimonthly); January 1975 to current year (monthly). 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 1980 are in error. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 52.7 ft (16.1 m) NGVD, (revised), Sept. 25, 1975, and Aug. 30, 1978; lowest measured, 47.3 ft (14.4 m) NGVD, (revised), July 27, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 to SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1135	51.30	30...	1120	49.90
NOV			MAY		
26...	1055	51.50	27...	1325	49.30
DEC			JUN		
31...	0840	51.50	30...	1125	51.10
JAN , 1981			JUL		
29...	1040	50.50	30...	1130	51.20
FEB			AUG		
26...	1115	51.20	31...	1240	51.90
MAR			SEP		
31...	1010	50.70	30...	1110	51.80

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263950081355402. Local Number L 1137. USGS Observation Well near Lehigh Acres, Fl.

LOCATION.--Lat 26°39'50", long 81°35'54", in NW¼SW¼ sec.11, T.44 S., R.27 E., Hydrologic Unit 03090205, 3.1 mi (5.0 km) south of intersection of State Highway 80 and Joel Blvd and 5.1 mi (8.2 km) northeast of Lehigh Acres Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 20 ft (6.1 m), cased to 15 ft (4.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 2.42 ft (0.74 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 21.72 ft (6.58 m) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated May 19-26.

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 water level, 21.70 ft (6.61 m) NGVD, July 7, 1974; lowest, 15.75 ft (4.80 m) NGVD, May 25, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	19.27	17.92	17.68	17.17	16.88	16.73	16.57	16.08	16.39	16.45	16.58	20.40
10	18.82	17.77	17.58	17.10	17.26	16.68	16.50	15.99	16.56	16.34	16.71	21.29
15	18.57	18.11	17.49	17.04	17.23	16.63	16.43	15.89	16.54	16.25	17.56	20.25
20	18.39	18.07	17.42	16.95	17.05	16.62	16.36	15.81	16.36	16.10	19.07	19.80
25	18.23	17.88	17.29	16.97	16.85	16.54	16.29	15.75	16.53	16.16	20.62	19.65
EOM	18.05	17.82	17.21	16.89	16.80	16.62	16.21	16.10	16.63	16.11	20.10	19.30
MEAN	18.61	17.92	17.49	17.04	17.02	16.64	16.42	15.98	16.46	16.26	18.18	20.24
MAX	19.50	18.13	17.79	17.21	17.27	16.79	16.61	16.25	16.65	16.58	21.24	21.29
MIN	18.05	17.72	17.21	16.89	16.80	16.50	16.21	15.75	16.10	16.06	16.30	19.30

WTR YR 1981 MEAN 17.35 MAX 21.29 SEP 10 MIN 15.75 MAY 25

WELL NUMBER.--263955082083101. Local Number L 2527. USGS Observation Well near Bokeelia, Fl.

LOCATION.--Lat 26°39'55", long 82°08'31", in SE¼SE¼ sec.6, T.44 S., R.22 E., Hydrologic Unit 03100103, at intersection of Flamingo Drive and State Highway 767 and 3.0 mi (4.8 km) southeast of Bokeelia Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 605 ft (184 m), cased to 360 ft (110 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 3.18 ft (0.97 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 7.56 ft (2.30 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--January 1978 to current year (monthly). 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 (8.3 m) NGVD, Sept. 30, 1981; lowest measured, 22.8 ft (6.9 m) NGVD, Jan. 30, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1310	25.00	30...	1455	23.40
NOV			MAY		
26...	1210	25.20	27...	1545	23.00
DEC			JUN		
31...	1440	25.10	30...	1300	25.10
JAN , 1981			JUL		
29...	1440	24.90	30...	1530	25.30
FEB			AUG		
26...	1420	24.80	31...	1230	25.50
MAR			SEP		
31...	1530	24.20	30...	1300	27.20

LEE COUNTY

WELL NUMBER.--263955082083102. Local Number L 2820. USGS Observation Well near Bokeelia, Fl.

LOCATION.--Lat 26°39'55", long 82°08'31", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.6, T.44 S., R.22 E., Hydrologic Unit 03100103, at intersection of Flamingo Drive and State Highway 767 and 3.0 mi (4.8 km) southwest of Bokeelia Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 241 ft (73 m), cased to 192 ft (59 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 7.56 ft (2.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1978 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 17.0 ft (5.18 m) NGVD, Sept. 30, 1980; lowest measured, 14.1 ft (4.3 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			MAY , 1981		
30...	1320	16.60	27...	1555	14.10
NOV			JUN		
26...	1315	16.80	30...	1305	14.80
DEC			JUL		
31...	1445	16.60	30...	1545	15.90
JAN , 1981			AUG		
29...	1505	16.00	31...	1335	16.40
MAR			SEP		
02...	1540	16.40	30...	1300	16.10
31...	1515	16.00			
APR					
30...	1500	15.40			

WELL NUMBER.--263955082083103. Local Number L 2549. USGS Observation Well near Bokeelia, Fl.

LOCATION.--Lat 26°39'55", long 82°08'31", in SE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.6, T.44 S., R.22 E., Hydrologic Unit 03100103, at intersection of Flamingo Drive and State Highway 767 and 3.0 mi (4.8 km) southeast of Bokeelia Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water table well, diameter 4 in (10 cm), depth 80 ft (24 m), cased to 58 ft (18 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.32 ft (1.01 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 7.56 ft (2.30 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--January 1978 to current year (monthly). 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, 8.04 ft (2.45 m) NGVD, Jan. 30, 1979; lowest measured, 4.02 ft (1.22 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1315	5.39	30...	1455	4.02
NOV			MAY		
26...	1215	6.17	27...	1545	4.04
DEC			JUN		
31...	1455	5.41	30...	1250	5.41
JAN , 1981			JUL		
29...	1450	5.09	30...	1530	6.12
FEB			AUG		
26...	1415	5.33	31...	1220	6.89
MAR			SEP		
31...	1505	4.75	30...	1308	6.37

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--263955082083104. Local Number L 3214. USGS Observation Well at Bokeelia, Fl.

LOCATION.--Lat 26°39'55", long 82°08'31", in SE¼SE¼ sec.6, T.44 S., R.22 E., Hydrologic Unit 03100103, at intersection of Flamingo Drive and State Highway 767 and 3.0 mi (4.8 km) southeast of Bokeelia Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 18 ft (5.49 m), cased to 8 ft (2.44 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.22 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 7.56 ft (2.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1978 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, 8.03 ft (2.45 m) NGVD, Jan. 1, 1979; lowest measured, 4.09 ft (1.25 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1325	5.41	30...	1500	4.09
NOV			MAY		
26...	1215	6.30	27...	1600	4.18
DEC			JUN		
31...	1500	5.70	30...	1300	5.45
JAN , 1981			JUL		
29...	1515	5.23	30...	1545	6.20
FEB			AUG		
26...	1420	5.38	31...	1235	7.79
MAR			SEP		
31...	1515	4.79	30...	1305	6.35

WELL NUMBER.--264002082012801. Local Number L 2700. USGS Observation Well near Matlacha, Fl.

LOCATION.--Lat 26°40'02", long 82°01'28", in SE¼SE¼ sec.5, T.44 S., R.23 E., Hydrologic Unit 03100103, at intersection of Tropicana Parkway and NW 24th Place and 3.8 mi (6.1 km) northeast of Matlacha Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 167 ft (51 m), cased to 165 ft (50 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 6.46 ft (1.97 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1978 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.0 ft (4.3 m) NGVD, Sept. 27, 1979; lowest measured, 10.9 ft (3.3 m) NGVD, Apr. 30, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1405	12.90	30...	1555	12.70
NOV			MAY		
26...	1300	12.50	27...	1655	11.60
DEC			JUN		
31...	1540	12.40	30...	1350	12.00
JAN , 1981			JUL		
29...	1615	12.50	30...	1425	11.40
FEB			AUG		
26...	1520	11.90	31...	1320	13.00
MAR			SEP		
31...	1555	11.20	30...	1350	12.70

LEE COUNTY

WELL NUMBER.--264002082012802. Local Number L 3210. USGS Observation Well near Matlacha, Fl.

LOCATION.--Lat 26°40'02", long 82°01'28", in SE¼SE¼ sec.5, T.44 S., R.23 E., Hydrologic Unit 03100103, at intersection of Tropicana Parkway and NW 24th Place and 3.8 mi (6.1 km) northeast of Matlacha Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NSRD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 0.75 in (1.9 cm), depth 18.5 ft (5.64 m), cased to 10' ft (3.05 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing 2.84 ft (0.87 m) above land-surface datum.

DATUM.--Land-surface datum is 6.46 ft (1.97 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1978 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, 6.06 ft (1.85 m) NGVD, Sept. 25, 1979; lowest measured, 0.65 ft (0.20 m) NGVD, April 30, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1410	4.30	30...	1605	3.10
NOV			MAY		
26...	1300	4.40	27...	1655	3.28
DEC			JUN		
31...	1545	3.80	30...	1350	5.72
JAN , 1981			JUL		
29...	1615	3.86	30...	1425	4.55
FEB			AUG		
26...	1530	4.08	31...	1320	6.02
MAR			SEP		
31...	1600	3.69	30...	1350	5.08

WELL NUMBER.--264053081572501. Local Number L 4820. USGS Observation Well at Cape Coral, Fl.

LOCATION.--Lat 26°40'53", long 81°57'25", in NW¼NW¼ sec.6, T.44 S., R.24 E., Hydrologic Unit 03100103, at the intersection of Andalusia Boulevard and East Diplomat Parkway and 8 mi (12.9 km) north of the Cape Coral Post Office.

AQUIFER.--Hawthorn limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 190 ft (58 m), cased to 128 ft (39 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.50 ft (0.76 m), above land-surface datum.

DATUM.--Land-surface datum is 14.17 ft (4.32 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 1.98 ft (0.60 m) NGVD, Aug. 5, 1981; lowest, 4.49 ft (1.37 m) below NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
APR , 1981			JUL , 1981		
30...	--	-4.49	31...	--	1.18
MAY			AUG		
31...	--	-3.10	31...	--	3.45
JUN			SEP		
30...	--	-0.02	30...	--	3.82

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264101081443001. Local Number L 652. USGS Observation Well near Fort Myers, Fl.

LOCATION.--Lat 26°41'01", long 81°44'30", in NW¼NW¼ sec.5, T.44 S., R. 26 E., Hydrologic Unit 03090205, at J. Hudson House, on Orange River Loop Road, and 8.5 mi (13.7 km) northeast of Fort Myers Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 122 IMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 7 in (18 cm), depth 598 ft (182 m), cased to 188 ft (57 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of 2 inch plug, 2.01 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 6.83 ft (2.08 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1967 to October 1969 (semiannually); February 1970 to August 1971 (quarterly); October 1971 to December 1974 (bimonthly); January 1975 to current year (monthly). 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, 47.4 ft (14.4 m) NGVD, Nov. 4, 1968; lowest measured, 38.0 ft (11.6 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	0915	41.40	30...	0900	38.40
NOV			MAY		
26...	0845	42.30	27...	0945	38.00
DEC			JUN		
31...	1130	41.80	30...	0850	41.90
JAN , 1981			JUL		
29...	0835	41.20	30...	0850	42.40
FEB			AUG		
26...	0840	41.80	31...	0940	43.00
MAR			SEP		
31...	0730	40.80	30...	0900	42.80

WELL NUMBER.--264144081520301. Local Number L 2190. USGS Observation Well near North Fort Myers, Fl.

LOCATION.--Lat 26°41'44", long 81°52'03", in NE¼NW¼ sec.36, T.43 S., R.24 E., Hydrologic Unit 03090205, 0.6 mi (1.0 km) north of intersection of Hart Road and State Highway 78, and 2.1 mi (3.4 km) northeast of North Fort Myers Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 110 ft (34 m) (corrected), cased to 71 ft (22 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing 2.1 ft (0.64 m) above land-surface datum.

DATUM.--Land-surface datum is 13.87 ft (4.23 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1975 to current year (monthly). 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, 10.20 ft (3.11 m) NGVD, Sept. 27, 1979; lowest measured, 1.55 ft (0.47 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1530	4.41	30...	1515	1.58
NOV			MAY		
26...	1425	5.14	27...	1700	1.55
DEC			JUN		
31...	1630	5.17	30...	0815	4.88
JAN , 1981			JUL		
29...	1530	4.52	30...	1540	4.66
FEB			AUG		
26...	1600	4.90	31...	1605	3.78
MAR			SEP		
31...	1335	3.77	30...	1505	7.11

LEE COUNTY

WELL NUMBER.--264144081520302. Local Number L 2191. USGS Observation Well near North Fort Myers, Fl.

LOCATION.--Lat 26°41'44", long 81°52'03", in NE¼NW¼ sec.36, T.43 S., R.24 E., Hydrologic Unit 03090205, 0.6 mi (1.0 km) north of intersection of Hart Road and State Highway 78, and 2.1 mi (3.4 km) northeast of North Fort Myers Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 26 ft (8 m), cased to 15 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 1.83 ft (0.56 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 13.87 ft (4.23 m) National Geodetic Vertical Datum of 1929. (Corrected).

PERIOD OF RECORD.--August 1975 to current year (monthly). 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, 12.05 ft (3.67 m) NGVD, Sept. 27, 1979; lowest measured, 6.40 ft (1.95 m) NGVD, Apr. 28, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1535	8.43	30...	1520	7.20
NOV			MAY		
26...	1425	8.88	27...	1700	6.85
DEC			JUN		
31...	1630	8.02	30...	0815	9.98
JAN , 1981			JUL		
29...	1525	6.68	30...	1540	9.43
FEB			AUG		
26...	1600	8.56	31...	1605	11.60
MAR			SEP		
31...	1340	7.92	30...	1505	10.73

WELL NUMBER.--264153082022301. Local Number L 721. USGS Observation Well near Matlacha, Fl.

LOCATION.--Lat 26°41'53", long 82°02'23", in SW¼SW¼ sec.30, T.43 S., R.23 E., Hydrologic Unit 03100103, on west side of State Highway 765, 4.2 mi (6.8 km) north of Pine Island Road and 5.1 mi (8.2 km) northeast of Matlacha Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 18 ft (5 m), cased to 9 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap (revised), 2.75 ft (0.84 m) above land-surface datum.

DATUM.--Land-surface datum is 6.23 ft (1.90 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1968 to current year (monthly). 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 (1.70 m) NGVD, Aug. 29, 1977; lowest measured, 0.48 ft (0.15 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1420	1.98	30...	1610	0.48
NOV			MAY		
26...	1320	1.58	27...	1705	0.58
DEC			JUN		
31...	1550	1.15	30...	1400	3.52
JAN , 1981			JUL		
29...	1630	1.90	30...	1635	2.68
FEB			AUG		
26...	1550	0.97	31...	1330	4.43
MAR			SEP		
31...	1605	0.74	30...	1359	3.39

LEE COUNTY

WELL NUMBER.--264308081410001. Local Number L 1907. USGS Observation Well near Alva, Fl.

LOCATION.--Lat 26°43'08", long 81°41'00", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.23, T.43 S., R.26 E., Hydrologic Unit 03090205, at Lee County Water Plant, and 4.5 mi (7.2 km) west of Alva Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 57 ft (17 m), cased to 55 ft (17 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 0.80 ft (0.24 m) above land-surface datum.

DATUM.--Land-surface datum is 6.58 ft (2.01 m) National Geodetic Vertical Datum of 1929. Prior to October 1978, land-surface datum was considered to be 7.53 ft (2.30 m) NGVD. See PERIOD OF RECORD.

PERIOD OF RECORD.--March 1974 to current year (monthly). 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. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 14.1 ft (4.3 m) NGVD, present datum, Aug. 28, 1974; lowest measured, 8.4 ft (2.6 m) NGVD, present datum, Mar. 27, 1975.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	0935	11.10	30...	0915	9.40
NOV			MAY		
26...	0900	11.50	27...	1105	9.30
DEC			JUN		
30...	1145	11.00	30...	0920	11.00
JAN , 1981			JUL		
29...	0850	10.20	30...	0920	11.60
FEB			AUG		
26...	0850	11.00	31...	0930	12.60
MAR			SEP		
31...	0745	10.70	30...	0915	12.80

WELL NUMBER.--264320081365701. Local Number L 1977. USGS Observation Well at Alva, Fl.

LOCATION.--Lat 26°43'20", long 81°36'57", in NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.21, T.43 S., R.27 E., Hydrologic Unit 03090205, 300 ft (91.4 m) north of intersection of Parkinson Road and State Highway 78, and 0.7 mi (1.1 km) northwest of Alva Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 185 ft (56.4 m), cased to 65 ft (20 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 17.39 ft (5.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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, 13.69 ft (4.17 m) NGVD, July 27, 1977; lowest measured, 9.15 ft (2.79 m) NGVD, Apr. 28, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1030	12.43	30...	1020	10.30
NOV			MAY		
26...	0955	12.48	27...	1220	10.42
DEC			JUN		
31...	0750	12.39	30...	1015	11.70
JAN , 1981			JUL		
29...	0940	11.80	30...	1020	12.29
FEB			AUG		
26...	0955	12.03	31...	1100	13.20
MAR			SEP		
31...	0905	11.79	30...	1005	13.32

LEE COUNTY

WELL NUMBER.--264320081365702. Local Number L 1978. USGS Observation Well at Alva, Fl.

LOCATION.--Lat 26°43'20", long 81°36'57", in NE¼NE¼ sec.21, T.43 S., R.27 E., Hydrologic Unit 03090205, 300 ft (91.4 m) north of intersection of Parkinson Road and State Highway 78, and 0.7 mi (1.1 km) northwest of Alva Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 17 ft (5 m), cased to 7 ft (2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 17.40 ft (5.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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, 15.85 ft (4.83 m) NGVD, Aug. 31, 1981; lowest measured, 9.69 ft (2.95 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1030	12.40	30...	1020	9.83
NOV			MAY		
28...	0955	11.86	27...	1220	9.69
DEC			JUN		
31...	0745	11.21	30...	1015	12.55
JAN , 1981			JUL		
29...	0940	10.74	30...	1020	13.41
FEB			AUG		
26...	0955	10.53	31...	1105	15.85
MAR			SEP		
31...	0900	10.09	30...	1005	15.30

WELL NUMBER.--264329081340401. Local Number L 2200. USGS Observation Well near Alva, Fl.

LOCATION.--Lat 26°43'29", long 81°34'04", in NE¼NE¼ sec. 24, T.43 S., R.27 E., Hydrologic Unit 03090205, west side of the Lee-Hendry County Line and State Highway 78, and 2.8 mi (4.5 km) northeast of Alva Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 163 ft (49.7 m), cased to 122 ft (37.2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 17.40 ft (5.30 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1975 to current year (monthly). 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, 14.69 ft (4.48 m) NGVD, July 30, 1981; lowest measured, 10.68 ft (3.26 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1045	12.87	30...	1045	11.02
NOV			MAY		
26...	1015	13.15	27...	1225	10.68
DEC			JUN		
31...	0800	12.96	30...	1030	12.32
JAN , 1981			JUL		
29...	1000	12.65	30...	1035	14.69
FEB			AUG		
26...	1010	12.60	31...	1115	13.74
MAR			SEP		
31...	0920	12.22	30...	1020	13.04

LEE COUNTY

WELL NUMBER.--264329081340402. Local Number L 2202. USGS Observation Well near Alva, Fl.

LOCATION.--Lat 26°43'29", long 81°34'04", in NE¼NE¼ sec.24, T.43 S., R.27 E., Hydrologic Unit 03090205, west side of the Lee-Hendry County Line and State Highway 78, and 2.8 mi (4.5 km) northeast of Alva Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 19 ft (5.8 m), cased to 7 ft (2.1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 17.43 ft (5.31 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--August 1975 to current year (monthly). 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, 16.01 ft (4.88 m) NGVD, July 27, 1978; lowest measured, 11.34 ft (3.51 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1045	13.63	30...	1045	11.74
NOV			MAY		
26...	1015	13.53	27...	1235	11.34
DEC			JUN		
31...	0800	12.94	30...	1030	13.43
JAN , 1981			JUL		
29...	1000	12.60	30...	1040	13.63
FEB			AUG		
26...	1010	12.37	31...	1120	15.58
MAR			SEP		
31...	0920	12.19	30...	1020	14.86

WELL NUMBER.--264359081424701. Local Number L 1975. USGS Observation Well near Alva, Fl.

LOCATION.--Lat 26°43'59", long 81°42'47", in SE¼NE¼ sec.16, T.43 S., R.26 E., Hydrologic Unit 03090205, at intersection of State Highway 78 and North Olga Drive, and 6.5 mi (10.5 km) west of Alva Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 168 ft (51 m), cased to 102 ft (31 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.40 ft (0.73 m) above land-surface datum.

DATUM.--Land-surface datum is 13.12 ft (4.00 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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 (5.19 m) NGVD, Nov. 29, 1979; lowest measured, 10.58 ft (3.22 m) NGVD, Apr. 28, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1015	14.21	30...	1000	11.51
NOV			MAY		
26...	0945	14.57	27...	1210	11.47
DEC			JUN		
31...	0725	14.21	30...	1000	13.17
JAN , 1981			JUL		
29...	0730	13.24	30...	1005	13.52
FEB			AUG		
26...	0940	13.84	31...	1050	14.16
MAR			SEP		
31...	0850	14.41	30...	0955	14.84

LEE COUNTY

WELL NUMBER.--264359081424702. Local Number L 1976. USGS Observation Well near Alva, Fl.

LOCATION.--Lat 26°43'59", long 81°42'47", in SE¼NE¼ sec.16, T.43 S., R.26 E., Hydrologic Unit 03090205, at intersection of State Highway 78 and North Olga Drive, and 6.5 mi (10.5 km) west of Alva Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 15 ft (4.6 m), cased to 5 ft (2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 12.94 ft (3.94 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--December 1974 to current year (monthly). 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, 13.12 ft (4.00 m) NGVD, Sept. 27, 1979; lowest measured, 8.40 ft (2.56 m) NGVD, May 26, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1020	9.67	30...	1000	8.48
NOV			MAY		
26...	0940	9.88	27...	1210	8.50
DEC			JUN		
31...	0920	9.35	30...	1000	9.11
JAN , 1981			JUL		
29...	0925	9.37	30...	1005	9.10
FEB			AUG		
26...	0935	9.46	31...	1055	12.42
MAR			SEP		
31...	0850	9.20	30...	0955	11.00

WELL NUMBER.--264425081454001. Local Number L 726. USGS Observation Well near Alva, Fl.

LOCATION.--Lat 26°44'25", long 81°45'40", in SW¼SW¼ sec.7, T.43 S., R.26 E., Hydrologic Unit 03090205, at intersection of State Highways 78 and 31, and 9.4 mi (15.1 km) northwest of Alva Post Office.

AQUIFER.-- Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water table well, diameter 4 in (10 cm), depth 19 ft (6 m), cased to 14 ft (4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of cap (revised), 2.20 ft (0.67 m) above land-surface datum.

DATUM.--Land-surface datum is 15.65 ft (4.77 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--July 1968 to December 1974 (bimonthly); January 1975 to current year (monthly). 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, 14.70 ft (4.48 m) NGVD, Oct. 31, 1969; lowest measured, 9.06 ft (2.76 m) NGVD, Apr. 28, 1976.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1010	11.95	30...	1445	10.21
NOV			MAY		
26...	0935	11.83	27...	1200	9.95
DEC			JUN		
30...	1300	11.31	30...	0955	12.31
JAN , 1981			JUL		
29...	0915	11.01	30...	0955	11.96
FEB			AUG		
26...	0935	11.23	31...	1050	14.01
MAR			SEP		
31...	0840	10.70	30...	0945	13.05

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264517081513201. Local Number L 2341. USGS Observation Well near North Fort Myers, Fl.

LOCATION.--Lat 26°45'17", long 81°51'32", in NW¼ sec.7, T.43 S., R.25 E., Hydrologic Unit at southeast corner of intersection of Nalle Grade Road and Huber Road, and 6.1 mi (9.8 km) northeast of North Fort Myers Post Office.

AQUIFER.--Limestone aquifer of Miocene Age, Geologic 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 585 ft (178 m), cased to 300 ft (91 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.40 ft (0.73 m) above land-surface datum.

DATUM.--Land-surface datum is 22.77 ft (6.94 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--September 1976 to current year (monthly). 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, 48.8 ft (14.9 m) NGVD, July 31, 1980; lowest measured, 44.2 ft (13.5 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1550	47.10	30...	1500	44.20
NOV			MAY		
26...	1440	47.20	27...	1645	44.80
DEC			JUN		
31...	1645	46.80	30...	0830	46.50
JAN , 1981			JUL		
29...	1510	46.00	30...	1515	47.00
FEB			AUG		
26...	1545	47.00	31...	1615	47.60
MAR			SEP		
31...	1325	46.30	30...	1455	47.60

WELL NUMBER.-- 264517082022101. Local Number L 1059. USGS Observation Well near Matlacha, Fl.

LOCATION.--Lat 26°45'17", long 82°02'21", in NE¼ sec.7, T.43 S., R.23 E., Hydrologic Unit 03100103, 8.0 mi (12.9 km) north of the intersection of Pine Island Road and State Highway 765, and 8.8 mi (14.2 km) northeast of Matlacha Post Office.

AQUIFER.-- Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 2 in (5 cm), depth 189 ft (58 m), cased to 156 ft (48 m).

INSTRUMENTATION.-- Pressure gage. Measuring point: Top of casing, 2.34 ft (0.71 m) above land-surface datum. (Revised).

DATUM.--Land-surface datum is 10.55 ft (3.22 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1970 to December 1974 (bimonthly); January 1975 to current year (monthly). 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, 17.9 ft (5.4 m) NGVD, Jan. 30, 1980; lowest measured, 12.0 ft (3.7 m) NGVD, Mar. 31, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1430	14.39	30...	1620	12.47
NOV			MAY		
26...	1315	13.90	27...	1715	12.02
DEC			JUN		
31...	1310	13.79	30...	1410	12.89
JAN , 1981			JUL		
29...	1635	12.89	30...	1645	13.19
FEB			AUG		
26...	1605	13.19	31...	1340	14.24
MAR			SEP		
31...	1615	11.98	30...	1401	13.99

LEE COUNTY

WELL NUMBER.--264517082022102. Local Number L 2526. USGS Observation Well near Matlacha, Fl.

LOCATION.--Lat 26°45'17", long 82°02'21", in NE¼NE¼ sec.7, T.43 S., R.23 E., Hydrologic Unit 03100103, on State Highway 765, 8 mi (12.9 km) north of State Highway 78, and 8.8 mi (14.2 km) northeast of Matlacha Post Office.

AQUIFER.--Limestone aquifer of the Miocene Series, Geologic Unit 122 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 605 ft (184 m), cased to 300 ft (91 m).

INSTRUMENTATION.--Pressure gage. Measuring point: Top of casing, 2.10 ft (0.64 m) above land-surface datum.

DATUM.--Land-surface datum is 10.71 ft (3.26 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1978 to current year (monthly). 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, 42.8 ft (13.0 m) NGVD, Sept. 30, 1981; lowest measured, 33.9 ft (10.3 m) NGVD, Feb. 28, 1980.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1435	40.90	30...	1615	39.00
NOV			MAY		
26...	1315	41.10	27...	1715	38.50
DEC			JUN		
31...	1600	40.80	30...	1310	40.20
JAN , 1981			JUL		
29...	1430	40.50	30...	1645	40.30
FEB			AUG		
26...	1400	40.80	31...	1345	42.60
MAR			SEP		
31...	1610	40.00	30...	1408	42.80

WELL NUMBER.--264537081552202. Local Number L 2646. USGS Observation Well near North Fort Myers, Fl.

LOCATION.--Lat 26°45'37", long 81°55'22", in NW¼SW¼ sec.4, T.43 S., R.24 E., Hydrologic Unit 03090205, at intersection of Lakeville Drive and Dalewood Road and 6.9 mi (11.1 km) northwest of North Fort Myers Post Office.

AQUIFER.--Hawthorn Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 220 ft (67 m), cased to 170 ft (52 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 20.81 ft (6.34 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 to current year (monthly). 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 (7.1 m) NGVD, Sept. 28, 1978; lowest measured, 18.74 ft (5.71 m) NGVD, Apr. 30, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1510	22.41	30...	1645	18.74
NOV			MAY		
26...	1405	22.33	27...	1740	19.07
DEC			JUN		
31...	1615	22.06	30...	1450	20.43
JAN , 1981			JUL		
29...	1710	21.57	30...	1725	20.46
FEB			AUG		
26...	1630	21.34	31...	1415	21.53
MAR			SEP		
31...	1635	20.26	30...	1455	21.73

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

LEE COUNTY

WELL NUMBER.--264537081552203. Local Number L 3209. USGS Observation Well near North Fort Myers, Fl.

LOCATION.--Lat 26°45'37", long 81°55'22", in NW¼SW¼ sec.4, T.43 S., R.24 E., Hydrologic Unit 03090205, at intersection of Lakeville Drive and Dalewood Road and 6.9 mi (11.1 km) northwest of north Fort Myers Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 1.25 in (3.2 cm), depth 18 ft (5.49 m), cased to 8 ft (2.44 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.43 ft (0.74 m) above land-surface datum.

DATUM.--Land-surface datum is 20.81 ft (6.34 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--May 1978 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, 22.07 ft (6.73 m) NGVD, Jan. 30, 1980; lowest measured, 13.82 ft (4.21 m) NGVD, Nov. 30, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1515	18.96	30...	1645	17.52
NOV			MAY		
26...	1410	19.58	27...	1740	17.09
DEC			JUN		
31...	1620	18.77	30...	1450	20.35
JAN , 1981			JUL		
29...	1715	18.63	30...	1725	19.99
FEB			AUG		
26...	1630	18.64	31...	1410	20.97
MAR			SEP		
31...	1640	18.29	30...	1500	19.90

WELL NUMBER.--264608081454101. Local Number L 2216. USGS Observation Well near Alva, Fl.

LOCATION.--Lat 26°46'08", long 81°45'41", in NE¼NE¼ sec.1, T.43 S., R.25 E., Hydrologic Unit 03090205, west side of State Highway 31 at Lee-Charlotte County Line, and 10.0 mi (16.1 km) northwest of Alva Post Office.

AQUIFER.--Sandstone aquifer of the Miocene Series, Geologic Unit 122 SNDS.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 150 ft (46 m), cased to 130 ft (40 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.37 ft (0.72 m) above land-surface datum. (Corrected).

DATUM.--Land-surface datum is 26.21 (7.99 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 20.42 ft (6.22 m) NGVD, Sept. 27, 1979; lowest measured, 14.16 ft (4.32 m) NGVD, Apr. 27, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	0955	19.58	30...	0945	17.09
NOV			MAY		
26...	0930	19.68	27...	1150	16.80
DEC			JUN		
31...	1250	19.47	30...	0940	17.83
JAN , 1981			JUL		
29...	0910	18.90	30...	0955	17.67
FEB			AUG		
26...	0925	19.07	31...	1025	19.05
MAR			SEP		
31...	0810	18.50	30...	0940	19.45

LEE COUNTY

WELL NUMBER.--264608081454102. Local Number L 2217. USGS Observation Well near Alva, Fl.

LOCATION.--Lat 26°46'08", long 81°45'41", in NE¼NE¼ sec.1, T.43 S., R.25 E., Hydrologic Unit 03090205, west side of State Highway 31 at Lee-Charlotte County Line, and 10.0 mi (16.1 km) northwest of Alva Post Office.

AQUIFER.--Water-table aquifer of the Pleistocene Series, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 18 ft (5 m), cased to 10 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.40 ft (0.73 m) above land-surface datum.

DATUM.--Land-surface datum is 26.23 ft (7.99 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1975 to current year (monthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 26.75 ft (8.16 m) NGVD, Aug. 30, 1977; lowest measured, 20.08 ft (6.12 m) NGVD, Apr. 27, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
30...	1055	23.96	30...	0945	21.22
NOV			MAY		
26...	0930	24.31	27...	1150	20.75
DEC			JUN		
31...	1250	23.55	30...	0940	24.78
JAN , 1981			JUL		
29...	0910	23.29	30...	0950	23.46
FEB			AUG		
26...	0925	23.03	31...	1030	26.08
MAR			SEP		
31...	0810	22.20	30...	0940	25.17

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KEY TO SITE LOCATIONS ON FIGURE 11
MARTIN COUNTY

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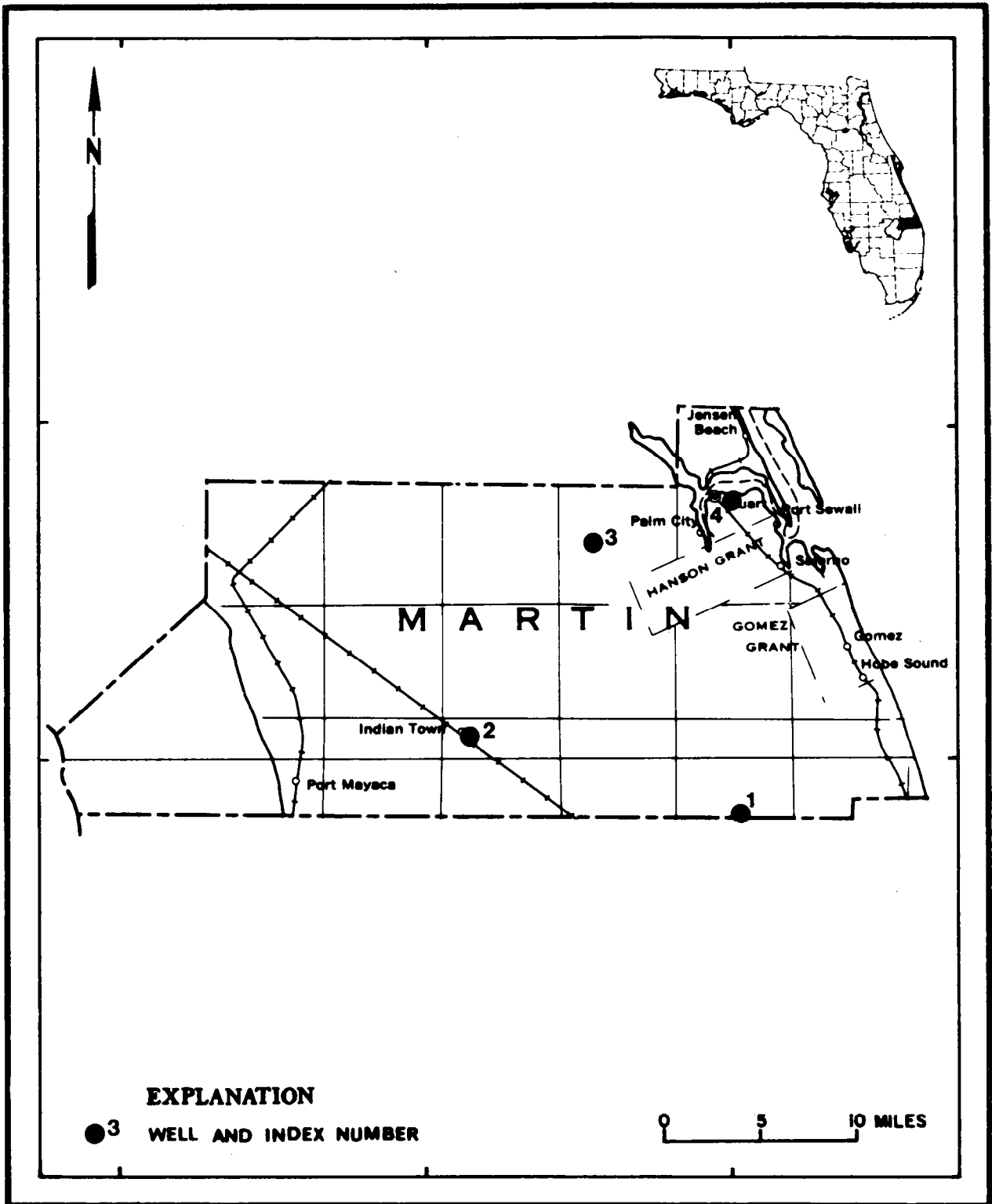


Figure 11. Location of wells in Martin County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

MARTIN COUNTY

WELL NUMBER.--265732080143001. Local Number M 140. USGS Observation Well near Jupiter, Fl.

LOCATION.--Lat 26°57'23", long 80°14'30", in SE¼SE¼ sec.28, T.40 S., R.41 E., Hydrologic Unit 03090202, on State Highway 70, 0.4 mi (0.6 km) northwest of Martin-Palm Beach County line, and 9.3 mi (15.0 km) west of Jupiter.

AQUIFER.--Sand and shell of Pleistocene Age, Geologic Unit 112 ANSS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well in shell, diameter 6 in (15 cm), depth 31 ft (9 m), cased to 20 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 19.89 ft (6.06 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 21.23 ft (6.47 m) NGVD, Sept. 25, 1960; lowest, 14.70 ft (4.48 m) NGVD, May 24, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.62	17.58	18.30	17.50	16.86	16.50	15.67	14.98	15.07	15.47	16.91	19.36
10	19.22	17.31	18.00	17.30	17.10	16.30	15.52	15.48	15.46	15.27	17.28	19.60
15	18.33	17.44	17.71	17.10	17.36	16.17	15.41	15.22	15.51	14.93	17.50	19.32
20	18.14	17.78	17.70	16.90	17.25	16.04	15.30	15.02	15.25	15.44	19.73	19.51
25	18.52	19.15	18.14	16.75	16.82	16.17	15.13	14.86	15.25	15.97	19.83	19.89
EOM	18.23	18.62	17.76	16.62	16.70	15.83	15.04	14.97	15.30	15.83	19.48	19.51
MEAN	18.25	17.91	18.08	17.09	17.10	16.21	15.40	15.11	15.29	15.44	18.32	19.58
MAX	19.22	19.15	18.58	17.70	17.50	16.65	15.78	15.48	15.62	15.99	19.92	19.89
MIN	17.42	17.14	17.70	16.62	16.70	15.83	15.04	14.82	14.83	14.84	15.77	19.29

WTR YR 1981 MEAN 16.98 MAX 19.92 AUG 18 MIN 14.82 MAY 26

WELL NUMBER.--270124080280202. Local Number M 1048. USGS Observation Well at Indiantown, Fl.

LOCATION.--Lat 27°01'24", long 80°28'02", in NE¼SE¼ sec.6, T.40 S., R.39 E., Hydrologic Unit 03090202, near Civic Club in Indiantown, and 0.1 mi (0.2 km) northeast of State Highway 710.

AQUIFER.--Nonartesian sand aquifer of Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 80 ft (24 m), cased to 25 ft (8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing 2.83 ft (0.86 m) above land-surface datum.

DATUM.--Land-surface datum is 33.00 ft (10.06 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 33.59 ft (10.24 m) Sept. 3, 1980; lowest, 25.11 ft (7.65 m) NGVD, Apr. 28, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	30.60	29.47	28.98	28.46	27.89	27.60	27.18	26.47	26.17	26.36	27.25	31.01
10	30.25	29.25	28.83	28.32	27.90	27.48	27.09	26.64	26.09	26.60	27.17	31.23
15	29.93	29.30	28.72	28.22	27.85	27.37	26.99	26.48	26.01	26.66	27.05	31.96
20	29.66	29.52	28.55	28.11	27.78	27.25	26.87	26.38	25.92	26.97	27.97	31.80
25	30.19	29.24	28.86	28.04	27.68	27.44	26.73	26.35	25.86	26.99	28.52	31.55
EOM	29.73	29.17	28.65	27.92	27.65	27.25	26.59	26.24	26.43	27.16	30.79	30.95
MEAN	30.13	29.35	28.80	28.21	27.82	27.44	26.95	26.45	26.09	26.72	28.07	31.46
MAX	30.92	29.69	29.13	28.58	27.90	27.64	27.23	26.64	26.43	27.16	30.91	32.40
MIN	29.59	29.09	28.53	27.92	27.65	27.25	26.59	26.24	25.86	26.26	27.02	30.50

WTR YR 1981 MEAN 28.12 MAX 32.40 SEP 17 MIN 25.86 JUN 24 AND OTHERS

MARTIN COUNTY

WELL NUMBER.--270103080262401. Local Number M 933. USGS Observation Well near Palm City, Fl.

LOCATION.--Lat 27°09'41", long 80°21'03" (corrected), in NW¼NW¼ sec.21, T.38 S., R.40 E., Hydrologic Unit 03090202, on State Highway 714, and 6.2 mi (10.0 km) west of Palm City.

AQUIFER.--Nonartesian sand aquifer of Pleistocene Age, Geologic Unit 110 LFNS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 14.5 ft (4.4 m), cased to 13.5 ft (4.1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of base, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 23.48 ft (7.16 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1957 to April 1979; May 1979 to current year (monthly). Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 24.50 ft (7.47 m) NGVD, Sept. 24, 1960; lowest 19.08 ft (5.82 m) NGVD, May 11, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
31...	--	21.79	28...	--	19.55
NOV			MAY		
26...	--	21.32	27...	--	19.79
DEC			JUN		
30...	--	21.21	28...	--	20.15
JAN , 1981			JUL		
29...	--	20.81	29...	--	20.00
FEB			AUG		
25...	--	20.55	27...	--	22.68
MAR			SEP		
25...	--	20.08	29...	--	21.96

WELL NUMBER.--271010080141201. Local Number M 147. USGS Observation Well near Stuart, Fl.

LOCATION.--Lat 27°10'10", long 80°14'12", in NW¼NW¼ sec.10, T.38 S., R.41 E., Hydrologic Unit 03090202, 0.5 mi (0.8 km) south of East 4th Street on Palm Beach Road, 0.8 mi (1.3 km) east of U.S. Highway 1, and 2.0 mi (3.2 km) southeast of Stuart.

AQUIFER.--Calcareous sandstone of Pleistocene Age, Geologic Unit 112 ANSS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 74 ft (23 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.70 ft (0.11 m) above land-surface datum.

DATUM.--Land-surface datum is 13.64 ft (4.16 m) National Geodetic Vertical Datum of 1929.

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 water level, 13.10 ft (3.99 m) NGVD, Oct. 18, 1953; lowest, 7.95 ft (2.42 m) below NGVD, June 13, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	-0.71	.31	.34	.02	-0.35	-0.52	-1.33	-2.11	-1.11	-0.77	-0.66	1.55
10	-0.41	.18	.28	-0.03	-0.31	-0.66	-1.48	-1.68	-0.90	-1.04	-0.74	1.59
15	-0.16	.13	.07	-0.10	-0.15	-0.80	-1.61	-1.65	-0.81	-0.93	-0.46	1.94
20	-0.02	.29	.16	-0.19	-0.12	-0.93	-1.78	-1.42	-0.81	-0.78	-0.08	2.31
25	.10	.48	.51	-0.26	-0.41	-0.89	-1.94	-1.32	-0.82	-0.76	.27	2.85
EOM	-0.02	.51	.21	-0.34	-0.35	-1.17	-1.95	-1.19	-0.79	-0.87	1.12	3.20
MEAN	-0.25	.28	.31	-0.11	-0.26	-0.82	-1.64	-1.57	-0.90	-0.82	-0.21	2.13
MAX	.20	.53	.53	.13	-0.05	-0.40	-1.21	-1.13	-0.77	-0.64	1.12	3.20
MIN	-0.96	.02	.07	-0.34	-0.43	-1.72	-2.02	-2.11	-1.21	-1.06	-0.82	1.31

WTR YR 1981 MEAN -0.33 MAX 3.20 SEP 30 MIN -2.11 MAY 5

WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 12
OKEECHOBEE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	272315081010901	172
2	272932080482201	172

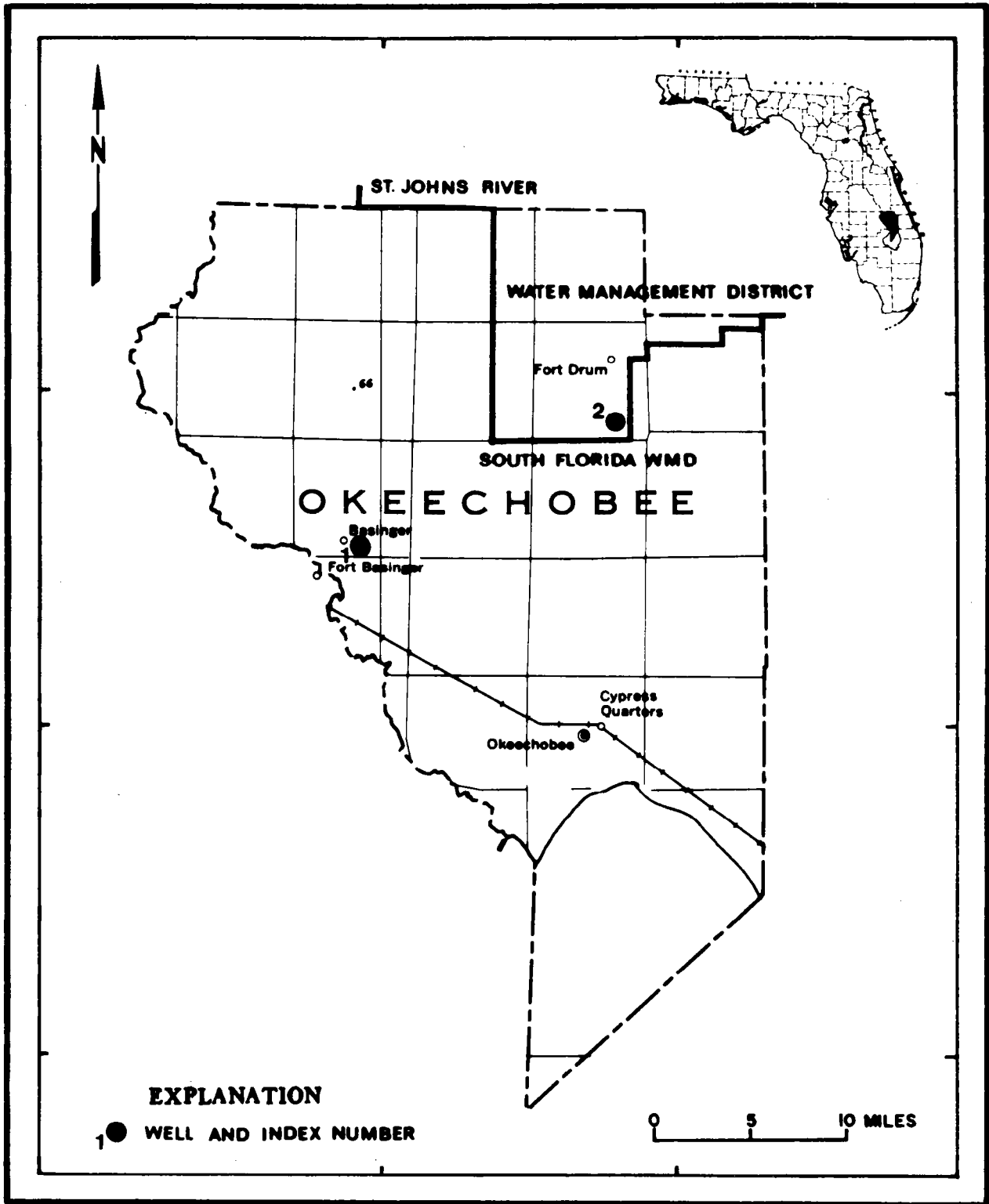


Figure 12. Location of wells in Okeechobee County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

OKEECHOBEE COUNTY

WELL NUMBER.--272315081010901. Local Number 723-101-01. Observation Well OK-2 at Basinger, FL.

LOCATION.--Lat 27°23'15", long 81°01'09", in SE¼NW¼ sec.34, T.35 S., R.33 E., Hydrologic Unit 03090101, on south side of U.S. Highway 98, 15.3 mi (24.6 km) west of Okeechobee, and 0.9 mi (1.4 km) east of Basinger.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRS.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 21 ft (6 m), cased to 18.3 ft (5.6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of wooden shelter base, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 47.44 ft (14.46 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Since Oct. 1, 1968, records furnished by South Florida Water Management District and reviewed by U.S. Geological Survey.

PERIOD OF RECORD.--March 1949 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 48.20 ft (14.69 m) NGVD, Oct. 9, 1953; lowest, 37.74 ft (11.50 m) NGVD, July 17, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	40.61	40.43	39.96	39.66	40.30	39.54	38.90	38.27	37.94	38.29	39.70
10	---	40.42	40.24	39.92	39.96	40.15	39.44	38.79	38.19	37.84	38.21	39.87
15	41.35	40.30	40.15	39.85	40.42	40.03	39.33	38.68	38.10	37.77	38.20	40.65
20	41.17	40.60	40.08	39.77	40.56	39.88	39.24	38.56	38.11	38.45	38.19	41.03
25	41.05	40.66	40.07	39.71	40.54	39.79	39.13	38.48	38.13	38.60	38.35	41.05
EOM	40.75	40.64	40.03	39.63	40.45	39.64	39.01	38.31	38.04	38.54	39.24	---
MAX	41.35	40.74	40.60	40.01	40.56	40.43	39.60	38.99	38.35	38.60	39.24	41.10
WTR YR 1981	MEAN	39.51	MAX	41.35	OCT 15	MIN	37.74	JUL 17				

WELL NUMBER.--272932080482201. Local Number 729-048-01. USGS Observation Well OK-3 near Ft. Drum, FL.

LOCATION.--Lat 27°29'32", long 80°48'22", in NE¼NW¼ sec.26, T.34 S., R.35 E., Hydrologic Unit 03080101, on east side of U.S. Highway 441, 17.5 mi (28.2 km) north of State Highway 70 in Okeechobee, and 2.3 mi (3.7 km) south of Ft. Drum.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRS.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 22 ft (7 m), cased to 19 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 61.80 ft (18.84 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Since Oct. 1, 1968, records furnished by South Florida Water Management District and reviewed by U.S. Geological Survey.

PERIOD OF RECORD.--September 1948 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 61.93 ft (18.88 m) NGVD, Oct. 15, 1956; lowest, 56.15 ft (17.11 m) NGVD, July 27, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	57.56	56.92	57.54	57.55	58.30	58.50	57.95	56.88	57.36	56.58	58.28	59.12
10	57.46	56.82	57.39	57.44	58.90	58.30	57.66	56.75	57.56	56.40	58.23	58.70
15	57.32	56.95	57.27	57.34	59.15	58.15	57.53	56.60	57.48	56.26	58.52	58.93
20	57.18	57.83	57.29	57.24	59.08	58.00	57.40	56.92	57.24	56.28	59.25	59.14
25	57.14	57.75	57.73	57.20	58.75	56.45	57.24	57.14	57.09	56.19	59.31	58.56
EOM	57.01	57.69	57.70	57.14	58.59	58.07	57.07	57.00	56.83	56.79	59.41	---
MAX	57.64	57.83	57.74	57.68	59.16	58.55	58.00	57.14	57.57	56.79	59.74	59.29
WTR YR 1981	MEAN	57.67	MAX	59.74	AUG 29	MIN	56.15	JUL 27 AND OTHERS				



WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 13
ORANGE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	282202081384601	176
1	282202081384602	176
2	282210081352601	177
3	282434081283101	177
4	282528081340901	178
5	282531081095701	178
6	282556081302404	179
7	282623081153801	179
8	282738081341401	180
9	282835081305201	180

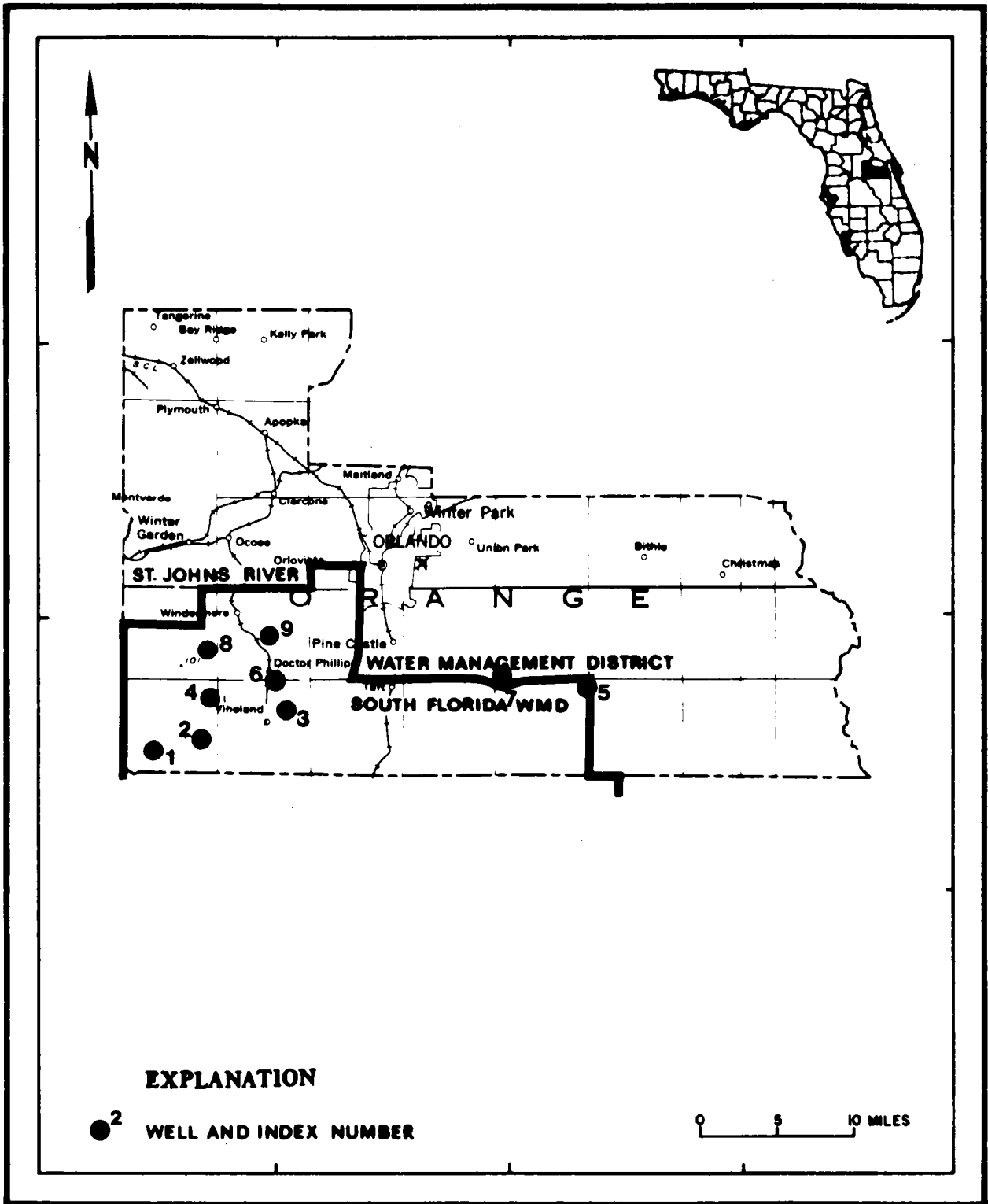


Figure 13. Location of wells in Orange County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ORANGE COUNTY

WELL NUMBER.--282202081384601. Local Number 822-138-01. Lake Oliver Deep Well near Vineland, FL.

LOCATION.--Lat 28°22'02", long 81°38'46", in NE¼NW¼SE¼ sec.30, T.24 S., R.27 E., Hydrologic Unit 03090101, on west side of State Highway 545, 1.4 mi (2.2 km) north of U.S. Highway 192, and 15.0 mi (24.1 km) west of Vineland.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, 6 in (15 cm), depth 318 ft (97 m), cased to 103 ft (31 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 6 in (15 cm) nipple, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 117.12 ft (35.70 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1959 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 112.73 ft (34.36 m) NGVD, Sept. 13, 1960; lowest, 104.00 ft (31.70 m) NGVD, May 26, 28, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1940 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	106.91	106.77		---	106.37	106.52	106.42	104.80	104.98	105.99	105.59	106.72
10	106.96	106.65		---	107.00	106.59	105.89	105.46	104.48	105.34	105.58	107.12
15	106.22	106.29		---	107.07	106.60	105.12	104.30	105.50	105.42	105.28	107.40
20	106.93	106.97		---	107.12	106.38	105.01	105.01	105.08	105.84	105.50	107.58
25	106.61	---		---	106.98	106.65	105.65	105.23	105.73	105.66	105.81	107.51
EOM	106.72	---		106.47	106.94	106.42	104.77	105.10	105.85	105.43	106.56	107.21
MAX	107.16	106.98		106.54	107.12	106.96	106.48	105.65	106.05	105.99	106.56	107.58
WTR YR 1981	MEAN	106.10	MAX	107.58	SEP 20 AND OTHERS	MIN	104.00	MAY 26 AND OTHERS				

WELL NUMBER.--282202081384602. Local Number 822-138-02. Lake Oliver Shallow Well near Vineland, FL.

LOCATION.--Lat 28°22'02", long 81°38'46", in NE¼NW¼SE¼ sec.30, T.24 S., R.27 E., Hydrologic Unit 03090101, on west side of State Highway 545, 1.4 mi (2.2 km) north of U.S. Highway 192, and 15.0 mi (24.1 km) west of Vineland.

AQUIFER.--Nonartesian sand aquifer of the Tertiary Quaternary Age, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 30 ft (9 m), cased to 13 ft (4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of 6 in (15 cm) nipple, 3.18 ft (0.97 m) above land-surface datum.

DATUM.--Land-surface datum is 117.06 ft (35.68 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1959 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 115.54 ft (35.22 m) NGVD, Sept. 10, 1960; lowest unknown, below 108.00 ft (32.92 m) NGVD, during period May to July 1981, (casing collapsed).

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1940 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	109.48	109.07	109.39	108.89	108.63	108.92	108.62					
10	109.40	108.97	109.26	108.84	109.16	108.82	108.55					
15	109.31	108.90	109.15	108.79	109.12	108.74	108.47					
20	109.20	109.22	109.07	108.72	109.11	108.68	---					
25	109.10	109.12	109.02	108.67	109.06	108.84	---					
EOM	109.10	109.46	108.95	108.62	109.01	108.73	---					
MAX	109.56	109.46	109.46	108.94	109.17	108.99	108.69					
WTR YR 1981	MEAN	108.98	MAX	109.56	OCT 2	MIN	108.47	APR 15				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

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ORANGE COUNTY

WELL NUMBER.--282210081352601. Local Number 822-135-01. Disney Shallow Well at Tree Farm near Vineland, FL.

LOCATION.--Lat 28°22'10", long 81°35'26", in SW $\frac{1}{4}$ SW $\frac{1}{4}$ sec.26, T.24 S., R.27 E., Hydrologic Unit 03090101, at Walt Disney World tree farm, 2.5 mi (4.0 km) south of State Highway 405, and 5.6 mi (9.0 km) southwest of Vineland.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 18 ft (5 m), cased to 18 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 99.44 ft (30.31 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 99 ft (30 m), from topographic map.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1977, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--March 1969 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 99.66 ft (30.38 m) NGVD, Sept. 26, 1979; lowest, 93.34 ft (28.45 m) NGVD, present datum, May 14, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	97.25	96.83	97.79	96.46	95.85	97.21	97.30	96.47	97.43	98.72	97.67	98.65
10	96.57	97.15	97.47	96.26	97.28	97.08	97.07	96.16	97.57	97.74	97.63	99.31
15	96.48	97.18	97.39	96.03	97.31	96.39	97.65	95.81	98.19	97.52	97.19	98.02
20	97.39	97.76	97.17	95.90	97.32	96.14	96.57	95.64	97.41	97.67	97.34	98.14
25	97.29	97.53	97.10	95.86	97.27	97.27	95.15	95.84	99.03	97.42	98.17	97.74
EOM	97.16	97.93	96.81	95.71	97.76	97.34	95.03	95.79	98.27	97.56	98.47	97.62
MAX	97.53	98.33	97.95	96.71	97.76	97.78	97.84	97.19	99.17	98.72	98.82	99.31
WTR YR 1981	MEAN	97.24	MAX	99.31	SEP 10	MIN	95.64	MAY 20				

WELL NUMBER.--282434081283101. Local Number 824-128-01. Sea World Drive Well near Vineland, FL.

LOCATION.--Lat 28°24'34", long 81°28'31", in NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec.11, T.24 S., R.28 E., Hydrologic Unit 03090101, on west side of Interstate 4, 2.0 mi (3.2 km) northeast of Vineland.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 4 in (10 cm), depth 235 ft (72 m), cased to 158 ft (48 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of shelter floor, 3.26 ft (0.99 m) above land-surface datum.

DATUM.--Land-surface datum is 105.02 ft (32.01 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1980 to September 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 64.34 ft (19.61 m) NGVD, Feb. 20, 1981; lowest, 58.25 ft (17.75 m) NGVD, May 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	63.20	62.15	63.12	63.44	62.97	63.15	62.47	59.07	59.85	60.37	60.90	62.43
10	62.95	62.33	63.23	63.02	63.64	62.77	61.35	59.38	60.23	59.77	60.92	62.88
15	62.46	61.95	63.28	63.17	63.88	62.41	60.71	58.49	60.33	60.09	60.86	63.28
20	61.81	62.46	62.97	62.59	64.34	62.09	60.22	58.27	59.65	60.48	61.15	64.17
25	61.71	62.75	63.54	63.01	63.79	62.75	59.21	58.77	60.40	60.57	61.51	---
EOM	61.63	63.45	63.61	62.49	63.43	62.77	58.67	59.03	60.43	60.48	62.34	---
MAX	63.25	63.45	63.88	63.45	64.34	63.32	62.74	59.41	60.66	60.57	62.34	64.33
WTR YR 1981	MEAN	61.76	MAX	64.34	FEB 20	MIN	58.25	MAY 19				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ORANGE COUNTY

WELL NUMBER.--282528081340901. Local Number 825-134-02. Bay Lake Deep Well near Windermere, FL.

LOCATION.--Lat 28°25'28", long 81°34'09", in SW¼NE¼SW¼ sec.1, T.24 S., R.27 E., Hydrologic Unit 03090101, on north shore of Bay Lake, 0.8 mi (1.3 km) northeast of Walt Disney World Theme Park, and 5.3 mi (8.5 km) southwest of Windermere.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 223 ft (68 m), cased to 104 ft (32 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 4.00 ft (1.22 m) above land-surface datum.

DATUM.--Land-surface datum is 97.10 ft (29.60 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--March 1966 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 96.91 ft (29.54 m) NGVD, Oct. 31, 1966; lowest, 83.30 ft (25.39 m) NGVD, Dec. 23, 1970.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	88.43	86.84	88.49	87.40	88.45	86.84	86.47	85.19	85.12	85.72	85.74	87.08
10	87.23	86.66	87.68	88.56	88.84	86.45	85.51	85.33	85.08	85.08	85.65	---
15	86.96	86.39	88.87	88.45	88.97	86.70	84.85	85.09	85.28	85.62	85.73	---
20	87.30	88.08	87.68	88.13	89.04	86.57	85.21	84.67	84.23	85.88	85.84	---
25	86.86	88.76	87.69	88.05	87.17	86.77	85.01	85.38	85.73	85.71	86.30	---
EOM	86.42	88.74	87.52	88.12	87.09	86.85	85.09	85.70	85.85	85.57	86.99	---
MAX	88.43	88.82	89.11	88.70	89.05	87.85	86.75	85.70	86.72	86.46	86.99	88.25
WTR YR 1981	MEAN	86.67	MAX	89.11	DEC 1	MIN	83.70	MAY 21				

WELL NUMBER.--282531081095701. Local Number 825-109-01. USGS Observation Well Cocoa D near Narcoossee, FL.

LOCATION.--Lat 28°25'31", long 81°09'57", in NE¼SW¼SE¼ sec.1, T.24 S., R.31 E., Hydrologic Unit 03080101, in Cocoa well field, on south side of Wewahootee Road, 5.1 mi (8.2 km) west of State Highway 15, 2.5 mi (4.0 km) west of Magnolia Ranch headquarters, and 9.7 mi (15.6 km) northeast of Narcoossee.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 300 ft (91 m), cased to 226 ft (69 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 75.91 ft (23.14 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 77.00 ft (23.47 m) NGVD.

REMARKS.--The figures of water level as elevation in feet NGVD prior to Oct. 1, 1977, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--July 1961 to October 1965 (bimonthly); November 1965 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 45.04 ft (13.73 m) NGVD, Dec. 12, 1963; lowest daily maximum water level, 30.07 ft (9.17 m) NGVD, May 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	35.02	33.74	34.65	35.73	33.80	35.14	34.56	30.76	31.16		---	
10	34.79	33.38	34.84	35.31	34.42	34.31	34.07	30.65	32.58		33.08	
15	34.26	33.14	34.77	34.87	34.80	34.14	32.14	30.50	31.73		33.06	
20	34.36	33.67	34.65	34.41	35.16	36.54	31.55	30.70	33.09		33.23	
25	34.11	33.94	35.12	34.16	35.01	35.25	---	---	---		33.51	
EOM	33.66	34.76	35.81	33.92	34.98	35.05	31.46	30.74	---		---	
MAX	35.16	35.04	36.04	35.99	35.50	36.54	34.93	31.83	33.31		34.33	
WTR YR 1981	MEAN	33.77	MAX	36.54	MAR 20	MIN	30.07	MAY 19				

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

ORANGE COUNTY

WELL NUMBER.--282556081302404. Local Number 825-130-04. Dr. Phillips Deep Well at Dr. Phillips, FL.

LOCATION.--Lat 28°25'56", long 81°30'24", in SW1/4NW1/4 sec.3, T.24 S., R.28 E., Hydrologic Unit 03090101, 800 ft (240 m) west of the Apopka-Vineland Road, 1,100 ft (335 m) south of Kilgore Road, and 0.8 mi (1.3 km) south of Dr. Phillips.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 8 in (20 cm), depth 230 ft (70 m), cased to 130 ft (40 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of recorder shelf, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 127.47 ft (38.85 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1971 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 85.95 ft (26.20 m) NGVD, Sept. 14, 1971; lowest, 71.20 ft (21.70 m) NGVD, May 16, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	77.13	75.94	---	---	76.95	76.76	75.51	73.07	74.19	74.37	75.28	76.39
10	76.65	75.85	---	---	77.70	76.96	74.66	73.17	74.05	73.10	75.14	77.13
15	74.93	75.72	---	---	78.05	76.71	73.92	71.45	73.82	74.04	75.24	77.41
20	75.37	76.87	---	---	78.43	75.87	73.67	71.34	72.36	74.77	75.52	78.07
25	74.90	77.35	---	76.29	77.94	76.95	72.58	72.33	74.13	74.73	75.79	77.89
EOM	75.24	78.02	---	76.14	77.49	76.82	72.61	73.07	74.71	74.90	76.58	77.48
MAX	77.17	78.02	77.99	76.40	78.44	77.52	76.76	73.37	74.71	74.98	76.58	78.07
WTR YR 1981	MEAN	75.43	MAX	78.44	FEB 21	MIN	71.20	MAY 16				

WELL NUMBER.--282623081153801. Local Number 826-115-01. Observation Well Cocoa P near Taft, FL.

LOCATION.--Lat 28°26'23", long 81°15'38", in NW1/4SW1/4 sec.31, T.23 S., R.31 E., Hydrologic Unit 03080101, on east side of State Highway 15, 0.7 mi (1.1 km) south of State Highway 528, and 7.2 mi (11.6 km) east of Taft.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 439 ft (134 m), cased to 245 ft (75 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.80 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 91.48 ft (27.88 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, land-surface datum was considered to be 91 ft (28 m), from topographic map.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1977, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--April 1961 to January 1971 (bimonthly); March 1971 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.02 ft (16.46 m) NGVD, present datum, Apr. 14, 1961; lowest daily maximum water level, 39.65 ft (12.09 m) NGVD, May 19, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	45.00	44.02	45.08	44.96	---	45.10	43.24	40.21	41.27	41.96	42.16	43.81
10	44.91	43.45	45.01	---	45.11	---	42.77	40.60	41.25	41.69	42.47	44.98
15	44.22	43.38	45.00	---	45.14	---	41.75	40.02	41.31	41.77	42.57	45.31
20	43.91	44.30	44.81	---	45.62	44.03	41.41	39.78	40.55	41.87	42.88	45.14
25	43.69	44.43	45.21	---	45.33	44.36	41.13	40.41	42.00	42.12	43.30	45.47
EOM	43.91	45.16	45.25	---	45.11	43.94	40.55	40.78	42.03	41.78	43.92	45.32
MAX	45.17	45.16	45.44	45.14	45.62	45.11	43.94	40.91	42.03	42.17	43.92	45.73
WTR YR 1981	MEAN	43.27	MAX	45.73	SEP 23	MIN	39.65	MAY 19				

ORANGE COUNTY

WELL NUMBER.--282738081341401. Local Number 827-134-05. Lake Sawyer Well near Windermere, FL.

LOCATION.--Lat 28°27'38", long 81°34'14", in SW¼NE¼NW¼ sec.25, T.23 S., R.27 E., Hydrologic Unit 03090101, on Overstreet Road, 0.6 mi (1.0 km) west of State Highway 535, and 3.2 mi (5.1 km) southwest of Windermere.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 4 in (10 cm), depth 178 ft (54 m), cased to 103 ft (31 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of shelter floor, 2.88 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 116.04 ft (35.37 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1980 to September 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 82.60 ft (25.18 m) NGVD, Sept. 28, 1981; lowest, 73.14 ft (22.29 m) NGVD, May 6, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	81.58	77.86	82.01	81.30	80.87	79.01	80.60	75.73	78.65	78.40	79.80	80.98
10	78.39	78.46	81.91	81.51	81.77	80.51	76.75	---	76.40	76.00	79.80	81.60
15	---	77.39	81.95	79.07	81.90	80.18	75.48	---	76.80	78.10	79.95	81.80
20	---	81.03	81.74	79.83	82.22	78.16	77.86	---	73.20	78.80	80.00	82.15
25	---	81.51	81.95	79.86	81.67	80.21	75.55	---	78.70	78.85	80.25	82.00
EOM	---	81.96	81.87	80.33	81.18	77.60	74.96	77.60	79.45	79.45	80.75	80.60
MAX	81.61	81.96	82.13	81.71	82.22	81.37	80.76	77.67	79.45	79.45	80.75	82.60
WTR YR 1981	MEAN	79.53	MAX	82.60	SEP 28	MIN	73.14	MAY 6				

WELL NUMBER.--282835081305201. Local Number 828-130-01. Palm Lake Drive Well near Windermere, FL.

LOCATION.--Lat 28°28'39", long 81°30'26", in SE¼NW¼NW¼ sec.22, T.23 S., R.28 E., Hydrologic Unit 03090101, 2.0 mi (3.2 km) southwest of Windermere, and 2.3 mi (3.7 km) north of Doctor Phillips.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, observation well, diameter 4 in (10 cm), depth 235 ft (72 m), cased to 161 ft (49 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of shelter floor, 2.56 ft (0.78 m) above land-surface datum.

DATUM.--Land-surface datum is 157.10 ft (47.88 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1980 to June 1981 (bimonthly); July to September 1981.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 68.90 ft (21.00 m) NGVD, Sept. 19, 1981; lowest, 59.99 ft (18.28 m) NGVD, July 8, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	---	---	---	---	---	---	---	---	---	---	65.24	66.27
10	---	---	---	---	---	---	---	---	---	60.87	65.05	67.88
15	---	---	---	---	---	---	---	---	---	63.41	64.79	67.75
20	---	67.53	---	---	---	64.81	---	---	---	64.39	65.76	68.89
25	---	---	---	---	---	---	---	---	---	64.09	66.23	67.81
EOM	---	---	---	---	---	---	---	---	---	65.21	67.38	67.10
MAX	66.93	67.53	---	66.17	---	64.81	64.88	62.23	---	65.21	67.38	68.90
WTR YR 1981	MEAN	65.76	MAX	68.90	SEP 19	MIN	59.99	JUL 8				

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OSCEOLA COUNTY

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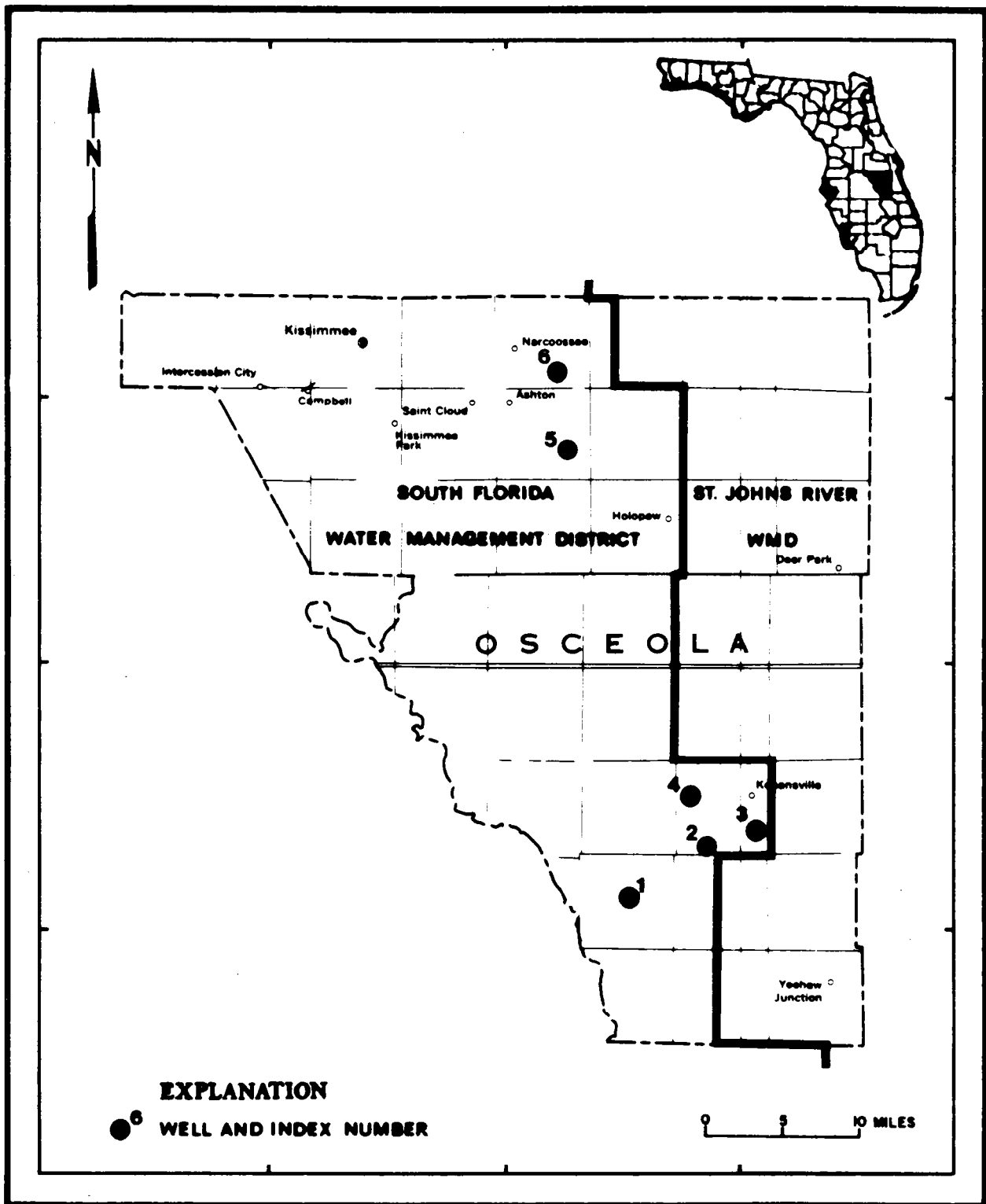


Figure 14. Location of wells in Osceola County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

OSCEOLA COUNTY

WELL NUMBER.--274646081074801. Local Number 746-107-01. Observation Well OS182 near Indian Lake Estates, FL.

LOCATION.--Lat 27°46'46", long 81°07'48", in SE¼NW¼SW¼ sec.16, T.31 S., R.32 E., Hydrologic Unit 03090101, on south side of State Highway 60, 4.3 mi (6.9 km) east of Kissimmee River Bridge, and 11.2 mi (18.0 km) east of Indian Lake Estates.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 23 ft (7 m), cased to 16 ft (5 m), gravel packed 14 ft (4 m) to 23 ft (7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 61.92 ft (18.87 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Since Oct. 1, 1968, records furnished by South Florida Water Management District and reviewed by U.S. Geological Survey.

PERIOD OF RECORD.--August 1948 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 62.11 ft (18.93 m) NGVD, Oct. 18, 1952; lowest, 55.94 ft (17.05 m) NGVD, Aug. 13, 1950.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	58.75	57.00	58.41	58.11	58.27	58.68	58.41	57.36	57.01	56.80	58.16	60.25
10	58.54	57.39	58.25	57.97	59.23	58.48	58.12	57.19	57.19	56.64	58.65	60.64
15	58.27	57.31	58.09	57.84	59.25	58.29	57.94	57.06	57.24	56.58	59.46	60.70
20	58.00	57.93	58.15	57.75	59.27	58.12	57.76	56.95	57.19	56.48	59.81	60.73
25	57.81	57.93	58.31	57.72	59.07	58.73	57.60	56.94	57.04	56.37	60.45	60.80
EOM	57.62	58.43	58.25	57.71	58.91	58.62	57.47	56.87	56.91	---	60.48	---
MAX	58.90	58.43	58.43	58.24	59.95	58.85	58.77	57.43	57.24	56.87	60.48	60.98
WTR YR 1981	MEAN	58.19	MAX	60.98	SEP 28	MIN	56.35	JUL 26				

WELL NUMBER.--274828081010901. Local Number 748-101-01. USGS Observation Well OS183 near Kenansville, FL.

LOCATION.--Lat 27°48'28", long 81°01'09", in SE¼SW¼SW¼ sec.3, T.31 S., R.33 E., Hydrologic Unit 03080101, on west side of Peavine Trail (State Highway 523A), 5.3 mi (8.5 km) north of State Highway 60, and 5.4 mi (8.7 km) south of Kenansville.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 27 ft (8 m), cased to 19 ft (6 m), gravel packed from 19 ft (6 m) to 27 ft (8 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.50 ft (1.07 m) above land-surface datum.

DATUM.--Land-surface datum is 73.33 ft (22.35 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Since Oct. 1, 1968, records furnished by South Florida Water Management District and reviewed by U.S. Geological Survey.

PERIOD OF RECORD.--August 1948 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 75.11 ft (22.89 m) NGVD, Nov. 23, 1977; lowest, 68.10 ft (20.76 m) NGVD, May 31, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	69.70	68.80	70.04	69.78	69.80	69.57	69.48	68.52	69.04	---	---	71.36
10	69.50	68.70	69.78	69.60	70.54	69.41	69.21	68.44	---	---	---	72.98
15	69.30	68.73	69.56	69.48	70.36	69.26	69.05	68.35	---	---	69.91	72.54
20	69.16	70.03	69.84	69.36	70.28	69.15	68.92	68.29	---	---	71.67	72.10
25	69.05	69.77	70.25	69.31	69.94	70.11	68.79	68.18	---	---	71.86	71.33
EOM	68.90	70.33	70.00	69.24	69.78	69.75	68.65	68.10	---	---	72.18	70.90
MAX	69.84	70.33	70.28	69.95	70.54	70.11	69.70	68.63	69.21	---	72.83	72.98
WTR YR 1981	MEAN	69.77	MAX	72.98	SEP 10 AND OTHERS	MIN	68.10	MAY 31				

OSCEOLA COUNTY

WELL NUMBER.--274947080584001. Local Number 749-058-01. Hayman Well near Kenansville, FL.

LOCATION.--Lat 27°49'47", long 80°58'40", in SE¹/₄SE¹/₄NE¹/₄ sec.36, T.30 S., R.33 E., Hydrologic Unit 03080101, in pasture, 0.4 mi (0.6 km) west of U.S. Highway 441, and 3.1 mi (5.0 km) south of Kenansville.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRS D.

WELL CHARACTERISTICS.--Drilled, unused, nonartesian well, diameter 3 in (8 cm), depth 90 ft (27 m), casing length unknown.

INSTRUMENTATION.--Tape measured. Measuring point: Top of reducer plug, 0.50 ft (0.15 m) above land-surface datum.

DATUM.--Land-surface datum is 74.25 ft (22.63 m), National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1978, land-surface datum was considered to be 75 ft (23 m), from topographic map.

REMARKS.--The figures of water levels as elevation NGVD prior to Oct. 1, 1978, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--January 1974 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 71.78 ft (21.88 m) NGVD, Sept. 22, 1981; lowest measured, 65.16 ft (19.86 m) NGVD, present datum, July 9, 1974.

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER, 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			JUN		
20...	1145	69.03	01...	1130	67.44
DEC			AUG		
15...	1150	69.70	10...	1205	66.41
FEB			SEP		
23...	--	70.53	22...	1545	71.78
APR					
20...	1225	68.76			

WELL NUMBER.--275222081030701. Local Number 752-103-02. Observation Well OS243 at Lake Marian, FL.

LOCATION.--Lat 27°52'22", long 81°03'07", in SE¹/₄NE¹/₄NE¹/₄ sec.18, T.30 S., R.33 E., Hydrologic Unit 03090101, at Osceola County Park, at boat ramp on east side of Lake Marian, and 3.0 mi (4.8 km) west of Kenansville.

AQUIFER.--Hawthorne Limestone aquifer of the Miocene Series, Geologic Unit 122 HTRNN, revised.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 320 ft (98 m), cased to 243 ft (74 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.69 ft (0.21 m) above land-surface datum.

DATUM.--Land-surface datum is 62.61 ft (19.08 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, datum was considered to be 63.95 ft (19.49 m), and Oct. 1, 1977, to Sept. 30, 1978, at 65.05 ft (19.83 m) NGVD.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1978, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--April 1974 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 54.29 ft (16.55 m) NGVD, present datum, Sept. 12, 1974; lowest measured, 48.43 ft (14.76 m) NGVD, present datum, May 8, 1976.

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER, 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
20...	1120	52.44	14...	1250	51.66
DEC			JUN		
15...	0900	52.03	01...	0855	51.25
FEB			AUG		
09...	0915	52.18	10...	1000	51.41
APR			SEP		
20...	1005	51.58	23...	1600	53.45

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

OSCEOLA COUNTY

WELL NUMBER.--281141081094101. Local Number 811-109-01. Observation Well OS181 near Holopaw, FL.

LOCATION.--Lat 28°11'41", long 81°09'41", in NE¼NE¼SE¼ sec.25, T.26 S., R.31 E., Hydrologic Unit 03090101, on south side of U.S. Highway 192, 9.3 mi (15.0 km) southeast of St. Cloud, and 6.7 mi (10.8 km) northwest of Holopaw.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRS.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 16 ft (5 m), cased to 14 ft (4 m), gravel packed from 11 ft (3 m) to 16 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 79.13 ft (24.12 m) National Geodetic Vertical Datum of 1929.

COOPERATION.--Since Oct. 1, 1968, records furnished by South Florida Water Management District and reviewed by U.S. Geological Survey.

PERIOD OF RECORD.--August 1948 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 79.60 ft (24.26 m) NGVD, Sept. 10, 1960; lowest, 70.23 ft (21.41 m) NGVD, June 11, July 22, 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1940 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	71.79	71.17	72.09	71.84	71.46	71.85	71.26	70.60	70.25	70.44	70.83	71.89
10	71.69	71.10	72.02	71.77	71.64	71.75	71.16	70.54	70.24	70.45	70.77	72.20
15	71.58	71.01	71.93	71.70	71.79	71.62	71.05	70.44	70.74	70.45	70.65	72.46
20	71.46	71.38	71.91	71.62	71.94	71.50	70.94	70.39	70.68	70.25	70.72	72.49
25	71.38	71.41	71.95	71.57	71.96	71.46	70.83	70.35	70.68	70.30	71.36	72.31
EOM	71.26	71.93	71.91	71.51	71.94	71.35	70.74	70.27	70.53	70.63	71.80	---
MAX	71.81	71.93	72.09	71.90	71.96	71.91	71.35	70.73	70.74	70.63	71.80	72.49
WTR YR 1981	MEAN	71.28	MAX	72.49	SEP 18	AND OTHERS	MIN	70.23	JUN 11	AND OTHERS		

WELL NUMBER.--281714081093001. Local Number 817-109-01. Lake Joel Well near Ashton, FL.

LOCATION.--Lat 28°17'14", long 81°09'30", in SW¼NW¼ sec.30, T.25 S., R.32 E., Hydrologic Unit 03090101, on southwest shore of Lake Joel, 0.8 mi (1.3 km) north of State Highway 532, and 5.0 mi (8.0 km) northeast of Ashton.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, unused, artesian well, diameter 8 in (20 cm), depth 750 ft (229 m), cased to 394 ft (120 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.00 ft (0.30 m) above land-surface datum.

DATUM.--Land-surface datum is 64.78 ft (19.74 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1978, land-surface datum was considered to be 65 ft (20 m), from topographic map.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1978, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--November 1969, May 1973 to November 1975 (bimonthly); December 1975 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.68 ft (14.53 m) NGVD, present datum, Nov. 20, 1969; lowest daily maximum water level, 38.50 ft (11.73 m) NGVD, May 22, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1940 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	43.17	41.79	42.66	43.24	42.00	43.39	41.60	39.11	39.30	40.21	40.61	42.50
10	42.99	41.46	42.91	43.22	42.42	42.75	41.19	38.80	39.59	40.18	40.80	42.86
15	42.58	41.14	42.96	43.07	42.60	42.50	40.71	38.74	39.98	40.17	41.04	43.16
20	42.47	41.44	42.72	42.43	43.27	42.26	40.26	38.52	40.16	40.03	41.27	43.33
25	42.13	41.87	42.91	42.18	43.25	42.05	39.97	38.65	40.18	40.14	41.69	43.44
EOM	41.80	42.31	43.31	42.01	43.27	42.09	39.57	38.90	40.22	40.41	42.23	43.49
MAX	43.39	42.31	43.34	43.48	43.33	43.39	42.05	39.48	40.26	40.41	42.23	43.52
WTR YR 1981	MEAN	41.57	MAX	43.52	SEP 28	MIN	38.50	MAY 22				



WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 15
PALM BEACH COUNTY

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14	265202080031701	197
15	265240080372101	198
15	265240080372102	198
15	265240080372103	199
16	265241080372301	199
16	265241080372302	200
17	265812080053901	200

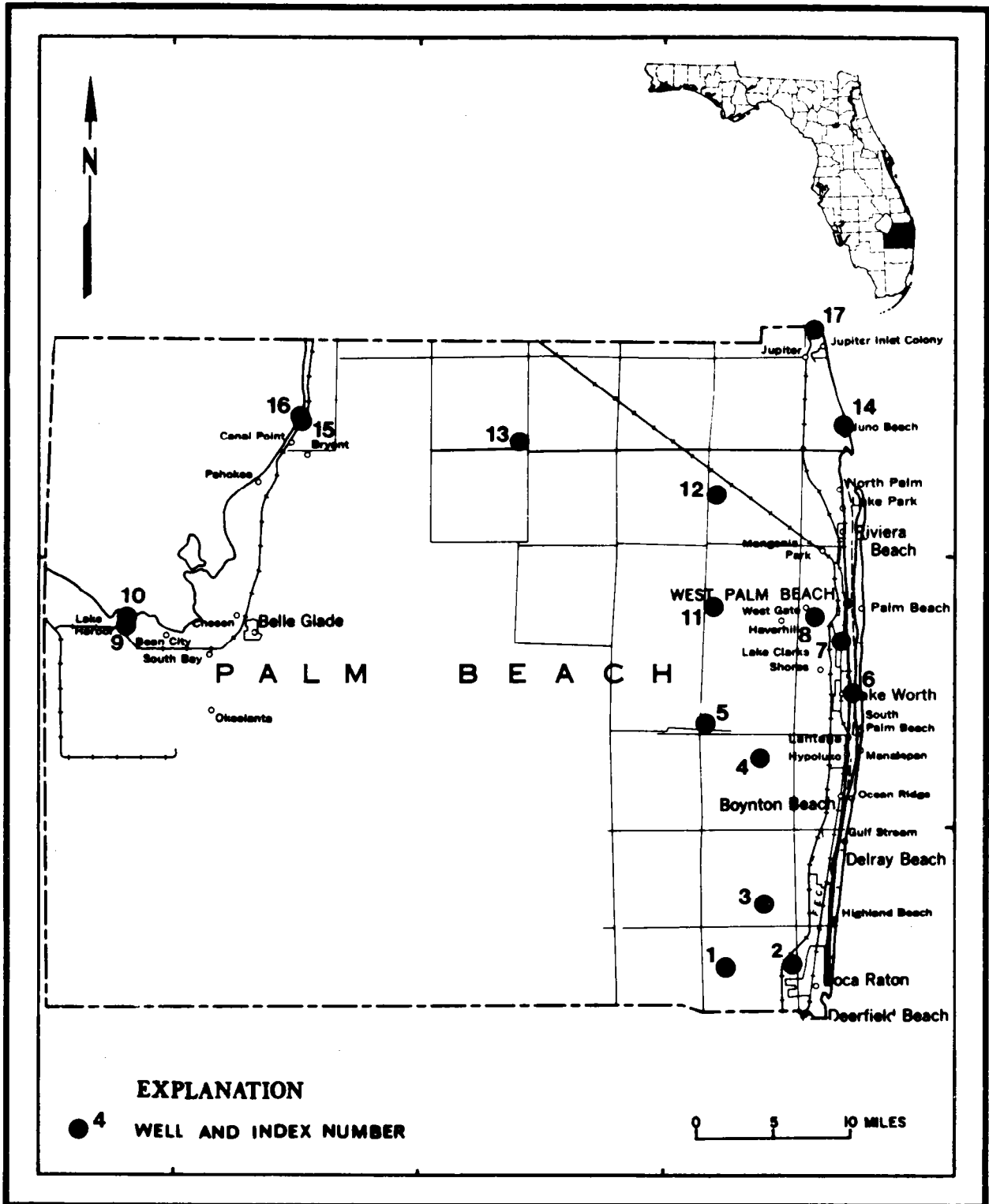


Figure 16. Location of wells in Palm Beach County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--262203080112001. Local Number PB 682. USGS Observation Well near Boca Raton, Fl.

LOCATION.--Lat 26°22'03", long 80°11'20", in SE¼SE¼ sec.18, T.47 S., R.42 E., Hydrologic Unit 03090202, on State Highway 808, 0.9 mi (1.4 km) east of U.S. Highway 441, and 3.9 mi (6.3 km) west of Boca Raton.

AQUIFER.--Nonartesian aquifer of Pleistocene age, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 17 ft (5 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of shelf 2.77 ft (0.84 m) above land-surface datum.

DATUM.--Land-surface datum is 17.00 ft (5.18 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1973 to May 1977; May 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 18.78 ft (5.72 m) NGVD, Aug. 18, 19, 1981; lowest, 13.91 ft (4.24 m) NGVD, May 3-6, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.05	16.44	15.65	16.16	16.23	16.29	15.67	15.31	16.24	16.04	16.56	17.75
10	16.75	16.38	15.67	16.10	16.16	16.12	15.58	16.51	17.53	15.65	16.17	18.11
15	16.76	17.54	15.79	16.05	16.61	16.06	15.50	16.20	17.06	15.38	17.18	17.92
20	16.68	17.16	16.02	15.98	17.04	15.88	15.57	15.89	16.56	15.33	18.64	18.71
25	16.55	16.69	16.32	16.24	16.71	15.96	15.49	15.78	16.17	15.75	18.11	18.19
EOM	16.45	16.24	16.23	16.10	16.56	15.77	15.37	16.24	15.86	15.90	18.13	17.70
MEAN	16.76	16.72	15.92	16.10	16.50	16.06	15.56	15.97	16.53	15.68	17.47	18.03
MAX	17.29	17.54	16.32	16.24	17.04	16.51	15.74	16.55	17.53	16.10	18.78	18.71
MIN	16.45	16.24	15.41	15.93	16.08	15.77	15.37	15.30	15.86	15.23	15.83	17.65

WTR YR 1981 MEAN 16.44 MAX 18.78 AUG 18 AND OTHERS MIN 15.23 JUL 18 AND OTHERS

WELL NUMBER.--262218080070101. Local Number PB 732. USGS Observation Well at Boca Raton, Fl.

LOCATION.--Lat 26°22'18", long 80°07'01", in NE¼SW¼ sec.13, T.47 S., R.42 E., Hydrologic Unit 03090202, 800 ft (244 m) north of Glades Road, and 1200 ft (366 m) east of Military Trail in Boca Raton.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 100 ft (30.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base of shelter, 3.00 ft (0.91 m) above land-surface datum.

DATUM.--Land-surface datum is 10.43 ft (3.18 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 9.46 ft (2.88 m) NGVD, Oct. 6, 1974; lowest, 3.43 ft (1.05 m) NGVD, May 6, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	5.39	5.21	5.28	5.12	4.49	4.52	3.97	3.45	3.78	3.92	4.31	6.25
10	5.27	5.07	5.16	4.95	4.42	4.42	3.89	3.75	4.12	3.79	4.38	6.15
15	5.22	5.79	5.02	4.82	4.52	4.32	3.81	3.70	4.20	3.67	4.51	6.13
20	5.28	5.70	4.88	4.72	4.66	4.22	3.73	3.63	4.12	3.55	6.23	7.29
25	5.64	5.43	5.47	4.66	4.68	4.12	3.64	3.59	4.00	3.85	6.07	6.86
EOM	5.40	5.32	5.33	4.55	4.62	4.04	3.55	3.67	3.90	3.84	6.32	6.48
MEAN	5.38	5.37	5.20	4.85	4.55	4.31	3.80	3.62	4.00	3.76	5.18	6.44
MAX	5.64	5.82	5.47	5.28	4.70	4.60	4.03	3.75	4.20	3.93	6.32	7.29
MIN	5.21	4.98	4.85	4.55	4.41	4.04	3.55	3.43	3.70	3.50	3.83	6.04

WTR YR 1981 MEAN 4.70 MAX 7.29 SEP 20 MIN 3.43 MAY 6

PALM BEACH COUNTY

WELL NUMBER.--262534080085102. Local Number PB 900. USGS Observation Well near Delray Beach, Fl.

LOCATION.--Lat 26°25'34", long 80°08'51", in SW 1/4 sec.27, T.46 S., R.42 E., Hydrologic Unit 03090202, on Center Road, 1.5 mi (2.4 km) south of Delray Road, 3.5 mi (5.6 km) east of U.S. Highway 441, and 3.5 mi (5.6 km) west of Delray Beach.

AQUIFER.--Nonartesian sand aquifer of Pleistocene Age, Geologic Unit 112 ANSS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 63.0 ft (19.2 m), cased to 63.0 ft (19.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of metal base, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 22.82 ft (6.96 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 18.44 ft (5.62 m) NGVD, Apr. 25, 1979; lowest 13.50 ft (4.11 m) NGVD, Aug. 4, 1977.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.65	14.65	14.76	14.80	14.84	14.79	14.82	14.83	14.45	14.11	14.52	14.76
10	15.12	15.19	14.68	14.69	14.90	14.89	14.69	15.21	15.29	13.77	14.44	15.68
15	14.54	15.97	14.78	14.74	14.90	14.84	14.52	14.59	14.56	13.78	14.63	15.28
20	14.57	14.82	14.75	14.67	15.20	14.85	14.74	14.67	14.10	13.69	15.27	15.77
25	14.95	14.88	14.76	15.11	14.68	14.69	14.54	14.42	14.01	14.22	15.00	14.84
EOM	14.66	14.89	14.74	14.90	14.78	14.81	14.56	14.67	14.11	14.22	15.80	14.85
MEAN	14.71	14.92	14.78	14.78	14.97	14.88	14.72	14.81	14.42	13.94	14.94	15.07
MAX	15.14	15.97	15.08	15.19	15.50	15.25	14.98	15.82	15.42	14.28	16.02	15.77
MIN	14.49	14.55	14.65	14.62	14.68	14.49	14.41	14.34	13.98	13.60	14.24	14.51

WTR YR 1981 MEAN 14.74 MAX 16.02 AUG 18 MIN 13.60 JUL 18

WELL NUMBER.--263328080085201. Local Number PB 445. USGS Observation Well near Lantana, Fl.

LOCATION.--Lat 26°33'28", long 80°08'52", in SE 1/4 sec.10, T.45 S., R.42 E., Hydrologic Unit 03090202, 2.2 mi (3.5 km) west of State Highway 809, 2.3 mi (3.7 km) south of Lantana Road, and 9.5 mi (15.3 km) southwest of West Palm Beach.

AQUIFER.--Nonartesian sand aquifer of Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 11.4 ft (3.5 m), cased to 11.4 ft (3.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.60 ft (0.79 m) above land-surface datum.

DATUM.--Land-surface datum is 20.20 ft (6.16 m) National Geodetic Vertical Datum of 1929. Prior to October 1975, land-surface datum was considered to be 19.00 ft (5.79 m) 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. The figures of water levels as elevation, in feet NGVD, prior to October 1975 are in error. Revised records are in files of the Geological Survey. See DATUM.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 20.24 ft (6.17 m) NGVD, present datum, Oct. 31, 1965; lowest 16.04 ft (4.89 m) NGVD, present datum, May 12, 1967.

REVISIONS.--Revised figures of elevation, in feet NGVD, for water year 1980, superseding those published in WDR FL-80-2B, are given below:

Oct. 31.....	17.24	Nov. 5.....	17.57	Nov. 10.....	17.38	Nov. 15.....	17.44
Nov. 20.....	17.31	Nov. 25.....	17.41	Nov. 30.....	17.59		
Month	Mean	Max	Min				
October 1979	17.51	18.83	17.16				
November 1979	17.45	17.89	17.18				
Wtr Yr 1980	17.38	18.83 Oct. 17	16.43 July 13 and July 15				

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	16.99	17.41	17.31	17.47	17.47	17.43	17.37	17.13	16.86	17.29	17.01	17.27
10	17.94	17.70	17.45	17.42	17.51	17.50	17.33	17.70	18.00	17.08	16.90	17.55
15	17.43	18.41	17.49	17.31	17.48	17.17	17.27	17.15	17.38	16.92	17.43	17.39
20	17.44	17.49	17.36	17.27	17.67	17.51	17.28	17.14	17.14	17.08	18.01	17.84
25	17.47	17.41	17.30	17.44	17.41	17.29	17.29	16.75	17.10	17.23	17.73	17.30
EOM	17.50	17.48	17.45	17.50	17.49	17.35	17.22	17.06	17.15	16.86	17.65	17.08
MEAN	17.39	17.52	17.43	17.40	17.59	17.43	17.32	17.22	17.21	17.11	17.47	17.35
MAX	17.94	18.41	17.71	17.75	18.15	17.67	17.43	18.00	18.00	17.49	18.29	17.84
MIN	16.97	16.94	17.30	17.18	17.41	17.17	17.15	16.71	16.75	16.72	16.89	17.01

WTR YR 1981 MEAN 17.37 MAX 18.41 NOV 15 MIN 16.71 MAY 26

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

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 NW¼ 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 (17.7 km) southwest of West Palm Beach.

AQUIFER.--Nonartesian sand aquifer of Pleistocene age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 17 ft (5 m), cased to 17 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of shelf 2.95 ft (0.90 m) above land-surface datum.

DATUM.--Land-surface datum is 16.00 ft (4.88 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--October 1973 to May 1977; May 1979 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 16.28 ft (4.96 m) NGVD, Jan. 15-17, 1974; lowest, 11.71 ft (3.57 m) NGVD, May 5-8, 1975.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.70	13.98	14.58	13.66	13.46	14.00	13.31	12.66	13.96	14.17	13.79	15.78
10	14.37	13.78	14.26	13.51	13.43	13.76	13.16	13.03	14.69	13.81	13.50	15.46
15	14.12	14.62	14.03	13.38	13.99	13.95	13.00	12.97	14.30	13.51	13.70	15.80
20	13.85	14.36	14.19	13.29	14.95	13.82	12.91	12.89	13.89	13.35	15.09	15.69
25	14.65	14.05	14.03	13.32	14.36	13.62	12.80	13.30	13.85	14.12	15.73	15.40
EOM	14.23	15.10	13.85	13.30	14.20	13.44	12.68	14.07	13.63	13.76	15.90	15.05
MEAN	14.37	14.24	14.23	13.44	13.97	13.80	13.03	13.13	14.07	13.80	14.70	15.58
MAX	14.94	15.14	14.96	13.80	14.95	14.18	13.43	14.08	14.69	14.17	15.93	15.90
MIN	13.76	13.78	13.85	13.26	13.29	13.44	12.68	12.64	13.63	13.35	13.42	15.05

WTR YR 1981 MEAN 14.03 MAX 15.93 AUG 26 AND OTHERS MIN 12.64 MAY 2

WELL NUMBER.--263652080033801. Local Number PB 88. USGS Observation Well in Lake Worth, Fl.

LOCATION.--Lat 26°36'52", long 80°03'38", in NE¼ sec.28, T.44 S., R.43 E., Hydrologic Unit 03090202, at southwest corner of South F Street and First Avenue in Lake Worth, and 2.0 mi (3.2 km) south of West Palm Beach.

AQUIFER.--Sand of Anastasia aquifer of Pleistocene Age, Geologic Unit 112 ANSS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 17 ft (5 m), cased to 16 ft (5 m) gravel-packed 12-17 ft (4-5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 1.50 ft (0.46 m) above land-surface datum.

DATUM.--Land-surface datum is 14.44 ft (4.40 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1944 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 water level, 15.47 ft (4.72 m) NGVD, Oct. 5, 1948; lowest, 2.26 ft (0.69 m) NGVD, July 23, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.48	4.24	4.93	4.19	3.57	3.78	3.29	2.54	2.78	2.58	2.64	3.90
10	4.73	4.12	4.81	4.09	3.50	3.56	3.20	2.65	2.73	2.57	2.63	4.15
15	4.92	4.26	4.65	3.99	3.48	3.67	3.08	2.59	2.74	2.41	2.48	4.29
20	4.81	4.85	4.51	3.88	3.89	3.64	2.95	2.45	2.58	2.31	3.46	4.31
25	4.62	4.79	4.40	3.77	4.01	3.52	2.81	2.41	2.48	2.39	3.59	4.45
EOM	4.40	4.94	4.29	3.66	3.96	3.39	2.66	2.72	2.41	2.56	3.82	4.42
MEAN	4.66	4.49	4.63	3.96	3.68	3.62	3.05	2.54	2.65	2.45	3.03	4.21
MAX	4.94	4.94	4.94	4.27	4.01	3.93	3.37	2.72	2.78	2.61	3.82	4.45
MIN	4.40	4.08	4.29	3.66	3.46	3.39	2.66	2.40	2.41	2.26	2.46	3.85

WTR YR 1981 MEAN 3.58 MAX 4.94 OCT 12 AND OTHERS MIN 2.26 JUL 23

PALM BEACH COUNTY

WELL NUMBER.-- 264005080233501. Local Number PB 99. USGS Observation Well at West Palm Beach, Fl.

LOCATION.--Lat 26°40'14", long 80°03'35", (corrected), in SW¼NE¼ sec.4, T.44 S., R.43 E., Hydrologic Unit 03090202, at Garden Ave, 75 ft (23 m) North of Bradley St. in West Palm Beach and 0.2 mi (0.3 km) west of U.S. Highway 1.

AQUIFER.--Sand of Anastasia aquifer of Pleistocene Age, Geologic Unit 112 ANSS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 18 ft (5 m), cased to 16 ft (5 m), gravel-packed 14-18 ft (4-5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base, 2.20 (0.67 m) above land-surface datum.

DATUM.--Land-surface datum is 14.43 ft (4.40 m) National Geodetic Vertical Datum of 1929.

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 water level, 14.06 ft (4.29 m) NGVD, Oct. 6, 1948; lowest, 5.01 ft (1.53 m) NGVD, Mar. 23, 1972.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.53	7.21	7.79	7.07	6.68	7.34	6.95	6.36	6.41	6.42	6.29	7.60
10	7.78	7.24	7.59	6.98	6.62	7.16	6.88	6.47	6.46	6.30	6.13	7.83
15	7.75	7.31	7.41	6.93	6.66	7.32	6.77	6.32	6.37	6.20	6.07	8.07
20	7.60	7.43	7.30	6.85	7.65	7.32	6.65	6.27	6.45	6.10	7.40	8.49
25	7.43	7.38	7.28	6.80	7.59	7.18	6.54	6.20	6.50	6.40	7.67	8.60
EOM	7.30	7.83	7.18	6.70	7.49	7.05	6.44	6.41	6.40	6.33	7.73	8.36
MEAN	7.57	7.36	7.46	6.91	6.99	7.25	6.74	6.34	6.43	6.29	6.85	8.10
MAX	7.82	7.83	7.85	7.16	7.66	7.43	7.03	6.48	6.54	6.45	7.77	8.66
MIN	7.30	7.11	7.18	6.70	6.61	7.05	6.44	6.20	6.24	6.10	6.07	7.56

WTR YR 1981 MEAN 7.02 MAX 8.66 SEP 22 AND OTHERS MIN 6.07 AUG 13 AND OTHERS

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 NW¼NE¼ sec.31, T.43 S., R.43 E., Hydrologic Unit 03090202, near water plant tank and 8th Street in West Palm Beach, 1.0 mi (1.6 km) north of State Highway 98, and 2.5 mi (4.0 km) west of U.S. Highway 1.

AQUIFER.--Fort Thompson formation of Pleistocene Age, Geologic Unit 112 PLSC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 150 ft (45.7 m), cased to 145 ft (44.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of flange, 2.00 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 14.65 ft (4.47 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1975 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 12.70 ft (3.87 m) NGVD, Sept. 21, 1981; lowest, 4.83 ft (1.47 m) NGVD, May 5, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	7.84	7.93	7.37	6.97	6.32	7.08	7.01	4.83	8.17	8.62	8.06	10.47
10	7.56	7.83	7.29	6.90	6.38	6.98	6.81	6.13	8.87	8.35	8.06	11.19
15	7.50	7.75	7.23	6.80	6.65	7.15	6.61	6.51	9.13	7.93	7.69	11.18
20	7.42	7.68	7.18	6.55	7.14	7.26	6.41	6.91	8.94	7.64	10.05	11.08
25	7.37	7.61	7.13	6.25	7.37	7.32	6.21	7.26	9.18	8.07	10.66	12.14
EOM	7.23	7.52	5.96	6.14	7.27	7.16	6.07	7.92	8.60	7.96	10.58	11.61
MEAN	7.55	7.71	7.20	6.53	6.72	7.15	6.60	6.67	8.79	8.00	9.08	11.32
MAX	8.11	8.02	7.49	7.06	7.37	7.34	7.15	7.92	9.31	8.62	10.70	12.70
MIN	7.23	6.96	5.96	5.69	6.15	6.58	6.07	4.83	7.99	7.30	7.21	10.41

WTR YR 1981 MEAN 7.78 MAX 12.70 SEP 21 MIN 4.83 MAY 5

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--264153080475201. Local Number PB 506. USGS Observation Well at Lake Harbor, Fl.

LOCATION.--Lat 26°41'53", long 80°47'52", SE¼SW¼ sec.36, T.43 S., R.35 E., Hydrologic Unit 03090202, on north side of U.S. Highway 27, 1000 ft (305 m) east of Miami Canal at Lake Harbor, and 5.0 mi (8.0 km) west of South Bay.

AQUIFER.--Fort Thompson formation of Pleistocene Age, Geologic Unit 112 FTMP.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 15.3 ft (4.7 m), cased to 11.4 ft (3.5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is 13.32 ft (4.06 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1964 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 water level, 12.35 ft (3.76 m) NGVD, March 27, 1970; lowest, 7.44 ft (2.27 m) NGVD, Apr. 17, 1980.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	10.99	11.09	10.81			8.60	8.80	9.74	9.84	9.51		9.64
10	---	11.31	---			9.00	---	9.70	9.61	9.33		9.68
15	---	11.51	---			8.72	9.49	9.59	9.94	9.11		9.73
20	11.26	11.51	---			8.67	---	10.26	9.67	9.02		9.72
25	---	10.83	---			9.36	---	10.02	9.98	---		9.68
EOM	---	10.71	---			9.06	---	9.92	9.36	---		9.63
MEAN	10.86	11.15	10.68			8.97	9.31	9.83	9.81	9.29		9.68
MAX	11.26	11.58	10.90			9.60	9.86	10.28	10.08	9.52		9.73
MIN	10.15	9.93	10.34			8.51	8.80	9.47	9.19	8.99		9.51

WTR YR 1981 MEAN 9.85 MAX 11.58 NOV 19 MIN 8.51 MAR 4

WELL NUMBER.--264153080475202. Local Number PB 509. USGS Observation Well at Lake Harbor, Fl.

LOCATION.--Lat 26°41'53", long 80°47'52", in NE¼SE¼ sec.36, T.43 S., R.35 E., Hydrologic Unit 03090202, 1000 ft (305 m) north of U.S. Highway 27 at Lake Harbor, and 0.6 mi (0.96 km) east of HCS-3 on landside of Hoover Dike.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 18.7 ft (5 m), cased to 16.0 ft (5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 13.3 ft (4.05 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1964 to current year (monthly, seasonal). 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, 11.80 ft (3.60 m) NGVD, Dec. 2, 1971; lowest measured, 8.07 ft (2.46 m) NGVD, Oct. 2, 1978.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			MAR , 1981		
01...	--	9.02	04...	--	8.50
NOV			JUN		
03...	--	10.81	05...	--	9.80
DEC			AUG		
01...	--	10.79	04...	--	9.44
JAN , 1981			SEP		
06...	--	11.13	03...	--	9.43
FEB					
03...	--	9.53			

PALM BEACH COUNTY

WELL NUMBER.--264156080475201. Local Number PB 507. USGS Observation Well near Lake Harbor, Fl.

LOCATION.--Lat 26°41'56", long 80°47'52", in NE¼SE¼ sec.36, T.43 S., R.35 E., Hydrologic Unit 03090202, on lakeside of Hoover Dike at Lake Harbor, and 0.6 mi (0.9 km) east of HGS-3.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 16.8 ft (5 m), cased to 14.3 ft (4 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 3.80 ft (1.16 m) above land-surface datum.

DATUM.--Land-surface datum is 21.58 ft (6.58 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1964 to February 1976 (monthly, seasonal); December 1978 to current year (monthly, seasonal). 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, 17.51 ft (5.34 m) NGVD, Jan. 3, 1979; lowest measured, 9.10 ft (2.77 m) NGVD, Oct. 3, 1969.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
01...	--	14.51	02...	--	11.99
NOV			MAY		
03...	--	13.62	01...	--	10.93
DEC			JUN		
01...	--	14.09	05...	--	9.94
JAN , 1981			29...	--	9.38
06...	--	13.72	AUG		
FEB			04...	--	9.56
03...	--	13.38	SEP		
MAR			03...	--	9.59
04...	--	12.57			

WELL NUMBER.--264156080475202. Local Number PB 508. USGS Observation Well near Lake Harbor, Fl.

LOCATION.--Lat 26°41'56", long 80°47'52", in NE¼SE¼ sec.36, T.43 S., R.35 E., Hydrologic Unit 03090202, 0.6 m (0.9 km) east of HGS-3, on lakeside of Hoover Dike, near Lake Harbor.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 29.4 ft (9 m), cased to 25 ft (7 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 4.1 ft (1.25 m) above land-surface datum.

DATUM.--Land-surface datum is 21.64 ft (6.60 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1964 to February 1976 (monthly, seasonal); December 1978 to current year (monthly, seasonal). 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, 12.94 ft (3.94 m) NGVD, Jan. 2, 1980; lowest measured, 9.38 ft (2.86 m) NGVD, June 29, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
01...	--	10.61	02...	--	9.84
NOV			MAY		
03...	--	11.68	01...	--	10.28
DEC			JUN		
01...	--	11.61	05...	--	9.94
JAN , 1981			29...	--	9.38
06...	--	11.71	AUG		
FEB			04...	--	9.55
03...	--	10.61	SEP		
MAR			03...	--	9.52
04...	--	9.60			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--264230080120501. Local Number PB 561 (corrected). USGS Observation Well near West Palm Beach, Fl.

LOCATION.--Lat 26°42'30", long 80°12'05, in NW¼NW¼ sec.30, T.43 S., R.42 E., Hydrologic Unit 03090202, near intersection of Okeechobee Road and State Highway 441, 12.5 mi (20.1 km) west of West Palm Beach.

AQUIFER.--Pleistocene sands of the Anastasia formation, Geologic Unit 112 ANSS.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 11.3 ft (3.4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base 2.81 ft (0.86 m) above land-surface datum.

DATUM.--Land-surface datum is 18.00 ft (5.49 m) National Geodetic Vertical Datum of 1929.

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 water level, 17.93 ft (5.46 m) NGVD, Nov. 5, 1971; lowest, 11.62 ft (3.54 m) NGVD, May 27, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	14.29	13.75	13.99	13.18	12.59	13.10	12.68	11.98	12.31	13.72	12.55	16.14
10	14.11	13.51	13.86	13.06	12.55	12.93	12.55	11.88	12.48	13.47	12.45	16.31
15	14.18	13.77	13.63	12.94	12.74	12.80	12.42	11.79	12.66	13.12	12.32	16.04
20	14.04	13.88	13.49	12.84	13.29	12.77	12.30	11.72	12.60	12.81	15.97	17.02
25	13.93	13.80	13.40	12.75	13.41	12.77	12.19	11.65	13.28	12.67	16.88	16.62
EOM	13.86	14.03	13.29	12.66	13.29	12.76	12.09	12.13	13.75	12.64	16.64	16.09
MEAN	14.11	13.78	13.65	12.94	12.89	12.88	12.42	11.86	12.74	13.13	14.39	16.35
MAX	14.50	14.03	14.03	13.27	13.42	13.25	12.75	12.13	13.75	13.75	17.14	17.16
MIN	13.86	13.51	13.29	12.66	12.54	12.75	12.09	11.62	12.15	12.64	12.32	16.04

WTR YR 1981 MEAN 13.43 MAX 17.16 SEP 21 MIN 11.62 MAY 27

WELL NUMBER.--264841080114901. Local Number PB 109. USGS Observation Well near Lake Park, Fl.

LOCATION.--Lat 26°48'41", long 80°11'49", in SW¼SW¼ sec.18, T.42 S., R.42 E., Hydrologic Unit 03090202, on north side of Northlake Blvd. 2.7 mi (4.3 km) west of Bee Line Highway, and 7.3 mi (11.7 km) west of Lake Park.

AQUIFER.--Sand of Pleistocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 6 in (15 cm), depth 14 ft (4 m), cased to 9 ft (3 m), gravel-packed 8-14 ft (2-4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.60 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 17.85 ft (5.44 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1950 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 19.73 ft (6.01 m) NGVD, Oct. 9, 1953; lowest, 14.64 ft (4.46 m) NGVD, May 14, 1971.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	17.76	17.63	17.93	17.59	17.56	17.64	16.84	15.37	16.05	16.20	17.00	18.00
10	18.17	17.89	17.80	17.48	17.55	17.42	16.43	15.81	16.05	15.68	16.55	18.20
15	18.04	18.00	17.69	17.37	17.84	17.63	16.09	15.31	15.90	15.27	17.44	18.02
20	17.91	18.06	17.78	17.32	17.80	17.34	15.95	15.65	15.43	15.55	18.37	18.16
25	17.94	17.93	17.81	17.60	17.76	17.61	15.75	15.47	15.72	16.00	18.43	18.22
EOM	17.81	17.95	17.68	17.23	17.68	17.17	15.53	15.64	15.40	17.05	18.27	18.38
MEAN	17.93	17.87	17.83	17.46	17.71	17.52	16.20	15.57	15.75	15.82	17.68	18.17
MAX	18.26	18.15	18.05	17.72	17.95	17.91	17.08	15.93	16.10	17.05	18.49	18.45
MIN	17.63	17.51	17.68	17.23	17.22	17.17	15.53	15.17	15.40	15.13	16.55	17.91

WTR YR 1981 MEAN 17.12 MAX 18.49 AUG 21 MIN 15.13 JUL 17

PALM BEACH COUNTY

WELL NUMBER.--265106080241402. Local Number PB 831. USGS Observation Well near Loxahatchee, Fl.

LOCATION.--Lat 26°51'06", long 80°24'14", in SE¼NW¼ sec.2, T.42 S., R.39 E., Hydrologic Unit 03090202, in Corbett Wildlife Management Area, 12.0 mi (19.3 km) north of Pump Station 5 A, and 13.5 mi (22 km) north of Loxahatchee.

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

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 25 ft (8 m), cased to 21 ft (6 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.90 ft (0.88 m) above land-surface datum.

DATUM.--Land-surface datum is about 22.00 ft (6.71 m) National Geodetic Vertical Datum of 1929.

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

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 22.22 ft (6.77 m) NGVD, May 5, 1975; lowest, 17.17 ft (5.23 m) NGVD, May 26, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	20.25	20.00	20.00	19.39	19.14	18.55	18.00	17.29	18.29	19.44	18.53	20.59
10	20.47	19.86	19.73	19.26	19.36	18.37	17.85	17.60	18.69	18.77	18.72	20.92
15	19.88	20.29	19.54	19.14	19.54	18.25	17.73	17.29	18.35	18.41	18.69	20.97
20	19.65	19.79	19.64	19.01	19.46	18.10	17.63	17.18	17.98	18.55	20.65	21.08
25	20.58	20.40	19.90	19.37	18.96	18.44	17.50	17.21	17.96	18.56	20.62	20.98
EOM	20.54	20.42	19.56	18.96	18.83	18.15	17.37	18.12	18.85	18.13	20.99	20.67
MEAN	20.18	20.08	19.82	19.22	19.25	18.35	17.73	17.43	18.37	18.61	19.61	20.92
MAX	20.66	20.54	20.30	19.52	19.60	18.80	18.12	18.12	18.98	19.44	21.03	21.14
MIN	19.56	19.64	19.54	18.96	18.83	18.06	17.37	17.17	17.96	18.13	18.07	20.53

WTR YR 1981 MEAN 19.13 MAX 21.14 SEP 17 AND OTHERS MIN 17.17 MAY 26

WELL NUMBER.--265202080031701. Local Number PB 1078. USGS Observation well at Juno Beach, Fl.

LOCATION.--Lat 26°52'02", long 80°03'17", in NW¼SW¼ sec.28, T.41 S., R.43 E., Hydrologic Unit 03090202, at east side of U.S. Highway 1 in Juno Beach, and 450 ft (137 m) south of Olympus Road.

AQUIFER.--Pamlico Sand of Pleistocene Age, Geologic Unit 112 SNDS.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 4 in (10 cm), depth 21 ft (6.4 m), cased to 21 ft (6.4 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 2.0 ft (0.61 m) above land-surface datum.

DATUM.--Land-surface datum is 20.62 ft (6.28 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1978 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 5.11 ft (1.56 m) NGVD, Dec. 14, 1978; lowest, 0.65 ft (0.20 m) NGVD, Aug. 28, 29, 1979.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	1.93	1.60	2.36	1.77	1.42	1.51	1.10	.82	1.08	.97	.93	2.17
10	1.94	1.50	2.28	1.66	1.41	1.39	1.00	.95	1.15	.89	.88	2.03
15	2.05	1.49	2.18	1.59	1.68	1.36	.91	1.02	1.22	.80	.85	2.12
20	1.97	1.86	2.08	1.50	1.74	1.30	.78	.96	1.09	.72	2.00	2.08
25	1.88	2.05	1.98	1.45	1.79	1.34	.79	.97	1.18	.88	2.30	2.63
EOM	1.71	2.34	1.88	1.41	1.66	1.21	.82	1.08	1.05	.91	2.32	2.76
MEAN	1.92	1.77	2.15	1.58	1.59	1.39	.92	.96	1.14	.87	1.48	2.28
MAX	2.05	2.34	2.38	1.83	1.79	1.61	1.20	1.08	1.22	1.03	2.32	2.76
MIN	1.71	1.49	1.88	1.41	1.39	1.21	.78	.82	1.05	.72	.85	2.03

WTR YR 1981 MEAN 1.50 MAX 2.76 SEP 28 AND OTHERS MIN .72 JUL 18 AND OTHERS

PALM BEACH COUNTY

WELL NUMBER.--265240080372101. Local Number PB 505. USGS Observation Well near Canal Point, Fl.

LOCATION.--Lat 26°52'40", long 80°37'21", in SE¼NW¼ sec.27, T.41 S., R.37E., Hydrologic Unit 03090202, between east side of Levee and Florida East Coast Railroad, and 3 mi (5 km) northeast of Canal Point.

AQUIFER.--Fort Thompson formation of Pleistocene Age, Geologic Unit 112 FTMP.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 15.6 ft (4.8 m), cased to 13.8 ft (4.2 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of base, 4.33 ft (1.32 m) above land-surface datum.

DATUM.--Land-surface datum is 14.43 ft (4.40) National Geodetic Vertical Datum of 1929.

REMARKS.--Water levels estimated Apr. 18 to Aug. 3.

PERIOD OF RECORD.--January 1964 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 water level, 15.48 ft (4.72 m) NGVD, Mar. 28, 1970; lowest, 9.91 ft (3.02 m) NGVD, Aug. 6, 1981.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	13.04	13.02	12.72	12.58	12.36	12.39	11.83	11.13	10.75	10.20	9.96	10.68
10	13.05	12.86	12.71	12.51	12.14	12.19	11.69	11.07	10.68	10.05	9.97	10.75
15	12.94	12.84	12.72	12.30	12.22	12.13	11.58	10.99	10.57	9.92	10.22	10.75
20	13.14	12.78	12.64	12.39	12.40	12.50	11.43	10.92	10.50	9.97	10.69	11.17
25	13.18	12.80	12.77	12.46	12.25	12.04	11.32	10.85	10.42	10.01	10.67	11.30
EOM	13.08	12.74	12.71	12.41	12.20	11.88	11.20	10.80	10.30	9.98	10.84	11.32
MEAN	13.06	12.85	12.71	12.47	12.30	12.20	11.56	10.98	10.57	10.04	10.31	10.96
MAX	13.18	13.06	12.78	12.63	12.63	12.55	11.93	11.18	10.79	10.28	10.90	11.33
MIN	12.94	12.74	12.64	12.21	12.13	11.86	11.20	10.80	10.30	9.92	9.91	10.60

WTR YR 1981 MEAN 11.66 MAX 13.18 OCT 25 AND OTHERS MIN 9.91 AUG 6 AND OTHERS

WELL NUMBER.--265240080372102. Local Number PB 529. USGS Observation Well near Canal Point, Fl.

LOCATION.--Lat 26°52'40", long 80°37'21", SE¼SE¼ sec.27, T.41 S., R.37 E., Hydrologic Unit 03090202, on landside of Hoover Dike, 1000 ft (305 m) northwest of U. S. Highway 441, 1.1 mi (1.8 km) northeast of HGS-5, and 3 mi (5 km) northeast of Canal Point.

AQUIFER.--Fort Thompson Formation of Holocene-Pleistocene Age, Geologic Unit 111 HCPC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 10.4 (3 m), cased to 7.5 ft (2 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 4.26 ft (1.30 m) above land-surface datum.

DATUM.--Land-surface datum is 14.3 ft (4.36 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1964 to March 1977 (monthly, seasonal); January 1979 to current year (monthly, seasonal). 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, 14.31 ft (4.36 m) NGVD, Jan. 2, 1979; lowest measured, 10.14 ft (3.09 m) NGVD, Aug. 4, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
02...	--	12.61	02...	--	12.20
NOV			30...	--	11.49
03...	--	12.99	JUN		
DEC			04...	--	11.07
01...	--	13.83	29...	--	10.78
JAN , 1981			AUG		
05...	--	12.50	04...	--	10.14
FEB			SEP		
02...	--	12.21	03...	--	11.47
MAR					
04...	--	13.19			

PALM BEACH COUNTY

WELL NUMBER.--265240080372103. Local Number PB 560. USGS Observation Well near Canal Point, Fl.

LOCATION.--Lat 26°52'40", long 80°37'21", in SE¼SE¼ sec.27, T.41 S., R.37 E., Hydrologic Unit 03090202, on landside of Hoover Dike, 1000 ft (305 m) northwest of U.S. Highway 441, 1.1 mi (1.7 km) northeast of HGS-5, and 3 mi (5 km) northeast of Canal Point.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 35.1 ft (10 m), cased to 27.1 ft (8 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 4.13 ft (1.26 m) above land-surface datum.

DATUM.--Land-surface datum is 14.3 ft (4.36 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--February 1970 to March 1977 (monthly, seasonal); December 1978 to current year (monthly, seasonal). 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, 15.09 ft (4.60 m) NGVD, Dec. 4, 1979; lowest measured, 9.75 ft (2.97 m) NGVD, Aug. 4, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
02...	--	13.42	02...	--	12.39
NOV			30...	--	11.53
03...	--	13.19	JUN		
DEC			04...	--	11.02
01...	--	12.98	29...	--	10.72
JAN , 1981			AUG		
05...	--	12.97	04...	--	9.75
FEB			SEP		
02...	--	12.82	04...	--	11.35
MAR					
04...	--	12.63			

WELL NUMBER.--265241080372301. Local Number PB 527. USGS Observation Well near Canal Point, Fl.

LOCATION.--Lat 26°52'41", long 80°37'23", in SE¼SE¼ sec.27, T.41 S., R.37 E., Hydrologic Unit 03090202, on lakeside of Hoover Dike, 1000 ft (305 m) northwest of U.S. Highway 441, 1.1 mi (1.8 km) northeast of HGS-5, and 3 mi (4.8 km) northeast of Canal Point.

AQUIFER.--Limestone aquifer of Pleistocene Age, Geologic Unit 112 LMSN.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 20.5 ft (6.2 m), cased to 20.0 ft (6.1 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.49 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 20.20 ft (6.16 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1964 to current year (monthly, seasonal). 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, 15.87 ft (4.84 m) NGVD, Dec. 4, 1979; lowest measured, 10.09 ft (3.08 m) NGVD, Sept. 4, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
02...	--	13.86	02...	--	12.31
NOV			30...	--	11.35
03...	--	13.45	JUN		
DEC			04...	--	10.66
01...	--	13.30	29...	--	10.34
JAN , 1981			AUG		
05...	--	13.14	04...	--	10.12
FEB			SEP		
02...	--	12.95	04...	--	10.09
MAR					
04...	--	12.61			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

PALM BEACH COUNTY

WELL NUMBER.--265241080372302. Local Number PB 528. USGS Observation Well near Canal Point, Fl.

LOCATION.--Lat 26°52'41", long 80°37'23", in SE¼SE¼ sec.27, T.41 S., R.37 E., Hydrologic Unit 03090202, on lakeside of Hoover Dike, 1,000 ft (305 m) northwest of U.S. Highway 441, 1.1 mi (1.8 km) northeast of HGS-5, and 3 mi (5 km) northeast of Canal Point.

AQUIFER.--Fort Thompson Formation of Holocene-Pleistocene Age, Geologic Unit 111 HCPC.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 2 in (5 cm), depth 15.1 ft (5 m), cased to 11.0 ft (3 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 20.2 ft (6.16 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--June 1964 to current year (monthly, seasonal). 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, 17.81 ft (5.43 m) NGVD, Jan. 2, 1980; lowest measured, 10.43 ft (3.18 m) NGVD, June 29, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
02...	--	15.25	02...	--	12.91
NOV			30...	--	11.85
03...	--	14.58	JUN		
DEC			04...	--	11.32
01...	--	14.42	29...	--	10.87
JAN , 1981			AUG		
05...	--	14.09	04...	--	10.43
FEB			SEP		
02...	--	13.56	04...	--	10.47
MAR					
04...	--	13.32			

WELL NUMBER.--265812080053901. Local Number PB 565. USGS Observation Well at Tequesta, Fl.

LOCATION.--Lat 26°58'12", long 80°05'39", in NE¼NE¼ 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 (0.16 km) west of U.S. Highway 1.

AQUIFER.--Nonartesian sandstone aquifer of Pleistocene Age, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 6 in (15 cm), depth 21.9 ft (6.7 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.24 ft (0.99 m) above land-surface datum.

DATUM.--Land-surface datum is 14.00 ft (4.27 m) National Geodetic Vertical Datum of 1929.

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 water level, 8.39 ft (2.56 m) NGVD, Dec. 12, 1978; lowest, 0.23 ft (0.07 m) NGVD, Feb. 22, 1976.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	4.06	4.21	4.00	3.32	2.79	2.60	2.14	1.30	2.08	1.94	1.74	4.24
10	4.62	4.02	3.82	3.19	2.67	2.50	2.01	1.85	2.17	1.62	1.52	4.07
15	4.97	3.87	3.71	3.08	3.01	2.45	1.87	1.81	2.11	1.49	1.58	4.06
20	4.92	4.16	3.58	2.95	3.07	2.38	1.75	1.75	1.76	1.35	3.82	4.17
25	4.66	4.07	3.56	2.82	2.85	2.38	1.50	2.11	1.84	1.66	4.43	5.58
EOM	4.38	4.11	3.47	2.71	2.74	2.30	1.38	2.19	1.73	1.79	4.43	5.21
MEAN	4.56	4.10	3.72	3.05	2.87	2.45	1.83	1.82	1.97	1.65	2.79	4.61
MAX	5.02	4.34	4.11	3.44	3.07	2.70	2.28	2.19	2.19	1.95	4.48	5.70
MIN	3.96	3.87	3.47	2.71	2.65	2.30	1.38	1.30	1.63	1.30	1.37	4.02

WTR YR 1981 MEAN 2.95 MAX 5.70 SEP 23 MIN 1.30 MAY 5 AND OTHERS

WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 16
POLK COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	274812081190301	204
2	274815081130301	204
3	274846081262001	205

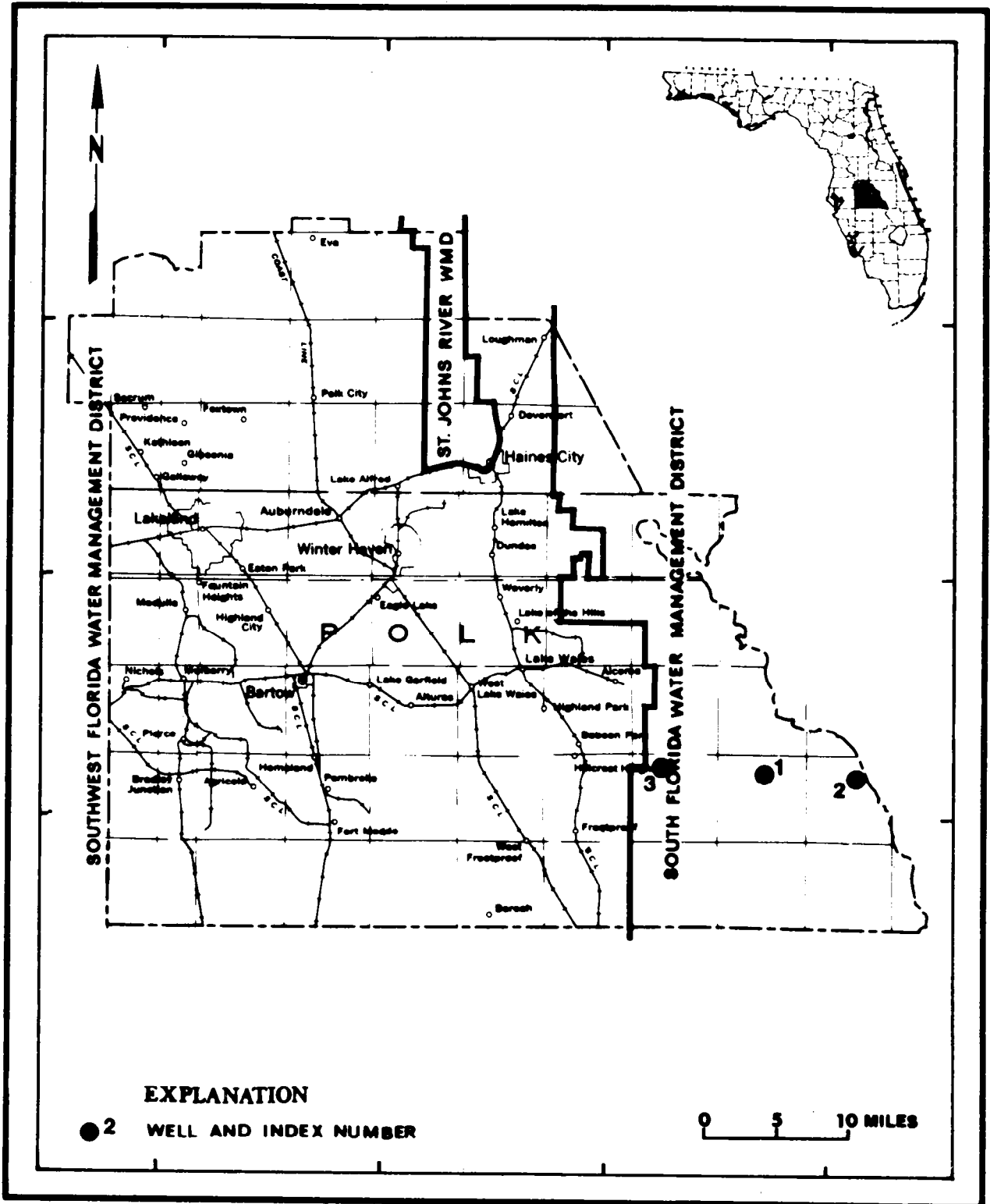


Figure 17. Location of wells in Polk County

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--274812081190301. Local Number 748-119-01. Observation Well P49 near Frostproof, FL.

LOCATION.--Lat 27°48'12", long 81°19'03", in SE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$ sec.9, T.31 S., R.30 E., Hydrologic Unit 03090101, on south side of State Highway 630, 0.2 mi (0.3 km) west of State Highway 60, and 12.0 mi (19.3 km) east of Frostproof.

AQUIFER.--Nonartesian sand aquifer of the Pleistocene Age, Geologic Unit 112 NRSD.

WELL CHARACTERISTICS.--Drilled, observation, nonartesian well, diameter 6 in (15 cm), depth 17 ft (5 m), cased to 14 ft (4 m), gravel-packed to 17 ft (5 m).

INSTRUMENTATION.--Water-level recorder. Measuring point: Top of casing, 3.20 ft (0.98 m) above land-surface datum.

DATUM.--Land-surface datum is 104.93 ft (31.98 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--April 1949 to current year. Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily maximum water level, 104.99 ft (32.00 m) NGVD, July 19, 1978; lowest, 98.76 ft (30.10 m) NGVD, June 8, 1962.

ELEVATION (FEET NGVD), WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981
MAXIMUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
5	103.09	101.87	103.49	102.98	102.98	102.64	101.55	100.66	100.28	100.03	100.51	103.19
10	102.91	101.70	103.21	102.82	103.89	102.30	101.39	100.53	100.20	100.36	100.59	104.12
15	102.65	101.65	103.05	102.65	103.73	102.13	101.22	100.40	100.12	100.47	101.13	103.95
20	102.65	103.18	103.40	102.65	103.27	101.96	101.09	100.43	100.03	100.29	101.55	103.96
25	102.24	102.83	103.76	102.65	103.00	102.03	100.94	100.43	99.93	100.10	102.83	103.27
EOM	102.02	103.96	103.15	102.65	102.84	101.73	100.80	100.46	100.15	99.88	103.75	102.91
MAX	103.36	104.47	103.92	103.10	104.16	102.79	101.70	100.87	100.41	100.48	103.96	104.44
WTR YR 1981	MEAN	102.02	MAX	104.47	NOV 28	MIN	99.88	JUL 31	AND OTHERS			

WELL NUMBER.--274815081130301. Local Number 748-113-01. River Ranch Well near Indian Lake Estates, FL.

LOCATION.--Lat 27°48'15", long 81°13'03", in NW $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$ sec.10, T.31 S., R.31 E., Hydrologic Unit 03090101, 92 ft (28 m) south of State Highway 60, 1.0 mi (1.6 km) west of Kissimmee River Bridge, and 6.5 mi (10.4 km) east of Indian Lake Estates.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, observation, artesian well, diameter 4 in (10 cm), depth 300 ft (91 m), cased to 185 ft (56 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 0.30 ft (0.09 m) above land-surface datum.

DATUM.--Land-surface datum is 55.17 ft (16.82 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, datum was considered to be 55.64 ft (16.96 m), and Oct. 1, 1977, to Sept. 30, 1978, at 55.34 ft (16.87 m) NGVD.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1978, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--May 1974 to current year (bimonthly).

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 47.79 ft (14.57 m) NGVD, present datum, Nov. 13, 1975; lowest measured, 41.33 ft (12.60 m) NGVD, June 1, 1981.

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER, 1980 TO SEPTEMBER 1981

DATE	TIME	ELEVATION ABOVE NGVD (FEET)	DATE	TIME	ELEVATION ABOVE NGVD (FEET)
OCT			JUN		
20...	1445	44.98	01...	1430	41.33
DEC			AUG		
15...	1530	45.01	07...	0750	43.11
FEB			SEP		
09...	1620	44.13	22...	1410	45.47
APR					
20...	1500	42.73			

WELL DESCRIPTIONS AND WATER LEVEL MEASUREMENTS

POLK COUNTY

WELL NUMBER.--274846081262001. Local Number 748-126-01. Observation Well at Lake Weohyakapka near Frostproof, FL.

LOCATION.--Lat 27°48'46", long 81°26'20", in NE1/4 sec.5, T.31 S., R.29 E., Hydrologic Unit 03090101, on southwest shore of Lake Weohyakapka, at county boat ramp, and 8.0 mi (12.9 km) east of Frostproof.

AQUIFER.--Floridan aquifer of the Tertiary System, Geologic Unit 120 FLRD.

WELL CHARACTERISTICS.--Drilled, public-supply, artesian well, diameter 3 in (8 cm), depth 199 ft (61 m), cased to 153 ft (47 m).

INSTRUMENTATION.--Pressure-gage measured. Measuring point: Spigot on discharge line, 2.50 ft (0.76 m) above land-surface datum.

DATUM.--Land-surface datum is 65.15 ft (19.86 m) National Geodetic Vertical Datum of 1929. Prior to Oct. 1, 1977, datum was considered to be 65 ft (20 m), from topographic map, and Oct. 1, 1977, to Sept. 30, 1978, at 65.30 ft (19.90 m) NGVD.

REMARKS.--The figures of water level as elevation NGVD prior to Oct. 1, 1978, are in error. Revised records are available in files of the Geological Survey.

PERIOD OF RECORD.--February 1958, December 1959, June 1969 to current year (bimonthly). Records of water levels prior to January 1974 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 88.35 ft (26.93 m) NGVD, present datum, Dec. 15, 1959; lowest measured, 72.27 ft (22.03 m) NGVD, May 20, 1981.

ELEVATION, IN FEET, NGVD, WATER YEAR OCTOBER, 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT			MAY		
20...	1525	79.05	20...	1300	72.27
DEC			JUN		
15...	1645	80.95	01...	1525	77.25
FEB			AUG		
24...	0915	80.85	06...	1430	80.55
APR			SEP		
20...	--	74.55	22...	1215	81.25

WATER RESOURCES DATA FOR FLORIDA, 1981
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KEY TO SITE LOCATIONS ON FIGURE 17
ST. LUCIE COUNTY

INDEX NUMBER	SITE NUMBER	PAGE NUMBER
1	271538080371401	208
2	272524080242801	208
3	272655080401601	209

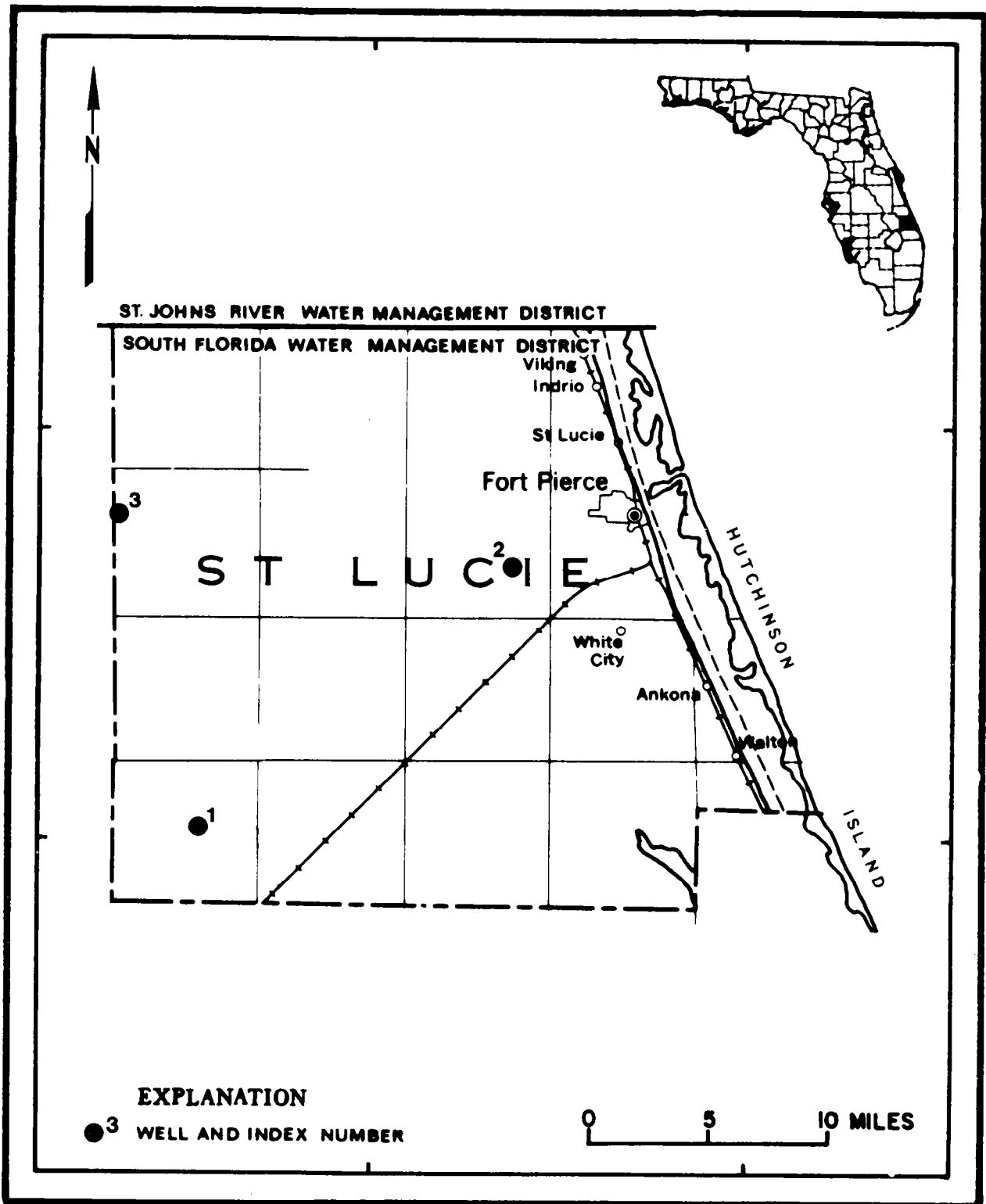


Figure 18. Location of wells in St. Lucie County

ST. LUCIE COUNTY

WELL NUMBER.--271538080371401. Local Number STL 41. USGS Observation Well near Stuart, Fl.

LOCATION.--Lat 27°15'38", long 80°37'14", in NW¼NE¼ sec.15, T.37 S., R.37 E., Hydrologic Unit 03090202, 0.2 mi (0.3 km) east of Blue Field Road, 4.4 mi (7.1 km) south of State Highway 70, and 12.0 mi (19.3 km) northwest of Stuart.

AQUIFER.--Pamlico Sand of Pleistocene Age, Geologic Unit 112 SNDS.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 6 in (15 cm), depth 17 ft (5 m), cased to 13 ft (4 m), gravel-packed 12-17 ft (4-5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.70 ft (0.82 m) above land-surface datum.

DATUM.--Land-surface datum is 28.71 ft (8.75 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1950 to April 1979; May 1979 to current year (monthly). Records of water levels prior to October 1950 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 29.16 ft (8.89 m) NGVD, July 5, 1968; lowest measured, 22.68 ft (6.91 m) NGVD, May 27, 1981.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
31...	1400	23.69	28...	1330	22.91
NOV			MAY		
26...	1350	24.67	27...	1259	22.68
DEC			JUN		
30...	1345	23.97	25...	1108	23.15
JAN , 1981			JUL		
29...	1300	23.60	29...	1231	23.01
FEB			AUG		
26...	1230	24.78	27...	1325	27.23
MAR			SEP		
26...	1150	23.64	29...	1355	26.71

WELL NUMBER.--272524080242801. Local Number STL 125. USGS Observation Well near Fort Pierce, Fl.

LOCATION.--Lat 27°25'24", long 80°24'28", in NW¼NE¼ sec.23, T.35 S., R.39 E., Hydrologic Unit 03090202, on Rock Road, 0.14 mi (0.23 km) south of White Road, 0.53 mi (0.85 km) west of Kings Highway, and 5.0 mi (8.0 km) south of Fort Pierce.

AQUIFER.--Nonartesian sand aquifer of Pleistocene Age, Geologic Unit 112 NRSB.

WELL CHARACTERISTICS.--Drilled, observation, water-table well, diameter 4 in (10 cm), depth 11.77 ft (3.59 m), cased to 11.77 ft (3.59 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.95 ft (0.90 m) above land-surface datum.

DATUM.--Land-surface datum is 19.60 ft (5.97 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1967 to April 1979; May 1979 to current year (monthly). Records of water levels prior to October 1973 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 19.85 ft (6.05 m) NGVD, June 4, 1968; lowest 14.61 ft (4.45 m) NGVD, May 26, 1977.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
31...	1500	15.68	28...	1400	15.10
NOV			MAY		
26...	1510	16.94	27...	1400	15.00
DEC			JUN		
30...	1506	16.51	25...	1245	14.61
JAN , 1981			JUL		
29...	1350	15.89	29...	1341	14.88
FEB			AUG		
26...	1330	16.65	27...	1439	18.56
MAR			SEP		
26...	1325	15.45	29...	1455	18.45

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 SE¹/₄ sec.7, T.35 S., R.37 E., Hydrologic Unit 03090202, 85 ft (26 m) north of State Highway 68, 9.8 mi (15.8 km) east of State Highway 15, and 20.0 mi (32.2 km) west of Fort Pierce.

AQUIFER.--Pamlico Sand of Pleistocene Age, Geologic Unit 112 SAND.

WELL CHARACTERISTICS.--Jetted, observation, water-table well, diameter 6 in (15 cm), depth 18 ft (5 m), cased to 13 ft (4 m), gravel-packed 12-18 ft (4-5 m).

INSTRUMENTATION.--Tape measured. Measuring point: Top of casing, 2.80 ft (0.85 m) above land-surface datum.

DATUM.--Land-surface datum is 27.79 ft (8.47 m) National Geodetic Vertical Datum of 1929.

PERIOD OF RECORD.--January 1950 to April 1979; May 1979 to current year (monthly). Records of water levels prior to October 1950 are available in files of the Geological Survey.

EXTREMES FOR PERIOD OF RECORD.--Highest daily water level, 30.19 ft (9.20 m) NGVD, Oct. 16, 1956; lowest 23.61 ft (7.20 m) NGVD, May 13, 1961.

ELEVATION, IN FEET NGVD, WATER YEAR OCTOBER 1980 TO SEPTEMBER 1981

DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)	DATE	TIME	ELEV- ATION ABOVE NGVD (FEET)
OCT , 1980			APR , 1981		
31...	1400	24.91	28...	1400	24.30
NOV			MAY		
26...	1415	25.74	27...	1335	25.14
DEC			JUN		
30...	1416	25.53	25...	1148	24.93
JAN , 1981			JUL		
29...	1330	24.79	29...	1315	24.40
FEB			AUG		
26...	1300	24.94	27...	1403	26.67
MAR			SEP		
26...	1240	25.25	29...	1431	26.86

MISCELLANEOUS WATER LEVEL MEASUREMENTS

MISCELLANEOUS WATER LEVEL MEASUREMENTS
 OCTOBER 1980 TO SEPTEMBER 1981

STATION NUMBER	STATION NAME	LAT- 1- TUDE	LONG- 1- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
BROWARD							
255826080091101	G-1408	25 58 26	080 09 11	01	80-10-08	1.40	--
					81-03-17	1.46	--
					81-05-14	1.26	--
255847080085301	G-1410	25 58 47	080 08 53	01	80-10-08	2.01	--
					81-03-17	2.31	--
255852080083801	G-1412	25 58 52	080 08 38	01	81-05-14	1.92	--
					80-10-08	1.33	--
					81-03-17	1.63	--
255854080085601	51S42E28 G-2074	25 58 54	080 08 56	01	81-05-14	1.22	--
					80-10-15	--	5.82
					81-02-06	--	9.06
					81-02-18	--	6.16
					81-03-17	1.49	--
					81-04-21	--	9.45
					81-05-14	1.08	--
					81-07-24	--	8.10
					81-07-24	--	12.15
					81-08-31	--	7.57
81-09-28	--	6.43					
255902080093101	G-1395	25 59 02	080 09 31	01	80-10-08	2.06	--
					81-03-17	2.12	--
					81-05-14	1.39	--
255912080082801	G-1413	25 59 12	080 08 28	01	80-10-08	1.04	--
					81-03-17	1.29	--
					81-05-14	0.94	--
255921080091701	G-1401	25 59 21	080 09 17	01	80-10-08	1.62	--
					81-03-17	1.55	--
					81-05-14	1.29	--
255925080082801	G-1414	25 59 25	080 08 28	01	81-03-17	1.30	--
					81-05-14	0.97	--
					81-05-14	0.97	--
255933080093001	G-1399	25 59 33	080 09 30	01	81-05-14	2.47	--
					80-10-08	2.13	--
					81-03-17	1.72	--
255933080123401	G-1160	25 59 33	080 12 34	01	81-05-14	2.35	--
					80-10-08	-0.15	--
					81-03-17	0.10	--
255943080083101	G-1415	25 59 43	080 08 31	01	80-10-08	-0.15	--
					81-03-17	0.10	--
					81-05-14	-0.33	--
255943080093301	G-1418	25 59 43	080 09 33	01	80-10-08	2.71	--
					81-05-14	2.86	--
					80-10-08	2.11	--
260006080121901	G-1585	26 00 06	080 12 19	01	80-10-08	2.11	--
260006080121901	G-1585	26 00 06	080 12 19	01	81-03-17	1.65	--
					81-05-14	1.47	--
260011080092401	G-1581	26 00 11	080 09 24	01	80-10-08	1.77	--
					81-03-17	1.57	--
260019080105201	G-1587	26 00 19	080 10 52	01	81-03-17	1.41	--
					81-05-14	1.27	--
260034080113301	G-1578	26 00 34	080 11 33	01	80-10-08	1.89	--
					81-05-14	1.27	--
					80-10-08	1.67	--
260044080094901	G-1588	26 00 44	080 09 49	01	81-03-17	1.89	--
					81-05-14	1.36	--
260104080120201	G-1185	26 01 04	080 12 02	01	80-10-09	2.94	--
					81-03-17	1.55	--
					81-05-14	1.34	--
260132080102201	G-1570	26 01 32	080 10 22	01	80-10-09	1.75	--
					81-03-17	1.25	--
					81-05-14	1.14	--
260136080094301	G-1569	26 01 36	080 09 43	01	80-10-09	1.74	--
					81-03-17	1.17	--
					81-05-14	1.10	--
					81-05-14	1.10	--
260205080133201	G-1575	26 02 05	080 13 32	01	80-10-09	2.22	--
					81-03-17	1.82	--
					81-05-14	1.76	--
260238080163301	G-1194	26 02 38	080 16 33	01	80-10-09	2.21	--
					81-03-17	2.10	--

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1980 TO SEPTEMBER 1981

STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MFAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
BROWARD							
260251080100201	G-1387	26 02 51	080 10 02	01	81-05-14	2.08	--
					80-10-09	1.54	--
260342080105001	G-1390	26 03 42	080 10 50	01	81-05-14	1.15	--
					80-10-09	1.48	--
					81-03-17	0.97	--
260542080124701	G-2142	26 05 42	080 12 47	01	81-05-14	0.96	--
					80-10-08	1.80	--
					81-03-17	1.33	--
260551080122901	G-603	26 05 51	080 12 29	01	81-05-13	1.32	--
					80-10-08	-1.93	--
260551080123001	G-601	26 05 51	080 12 30	01	81-03-17	-2.52	--
					81-05-13	-2.62	--
					80-10-08	0.39	--
					81-03-17	-0.23	--
					81-05-13	-0.24	--
260553080114901	G-982	26 05 53	080 11 49	01	80-10-08	2.91	--
					81-03-17	1.58	--
260558080122701	G-582	26 05 58	080 12 27	01	81-05-13	1.78	--
					80-10-08	1.23	--
					81-03-17	0.48	--
260558080122702	G-600	26 05 58	080 12 27	02	81-05-13	0.40	--
					80-10-08	-0.04	--
					81-03-17	-0.63	--
260602080103801	G-2132	26 06 02	080 10 38	01	81-05-13	-0.06	--
					80-10-08	1.66	--
260605080122501	G-604	26 06 05	080 12 25	01	81-03-17	0.96	--
					81-05-13	1.09	--
					80-10-08	0.08	--
					81-03-17	-0.37	--
					81-05-13	-0.52	--
260605080125801	G-1092	26 06 50	080 12 58	01	80-10-08	1.42	--
					81-03-17	1.05	--
260607080124801	G-990	26 06 07	080 12 48	01	81-05-13	0.76	--
					80-10-08	1.14	--
					81-03-17	0.70	--
260608080120401	G-481	26 06 08	080 12 04	01	81-05-13	0.46	--
					80-10-08	0.10	--
					81-03-17	-0.26	--
260612080122301	G-587	26 06 12	080 12 23	01	81-05-13	-0.70	--
					80-10-08	1.04	--
260612080122701	G-605	26 06 12	080 12 27	01	81-03-17	0.36	--
					81-05-13	0.08	--
					80-10-08	-0.15	--
					81-03-17	-0.50	--
					81-05-13	-0.99	--
260612080124401	G-460	26 06 12	080 12 44	01	80-10-08	2.00	--
260620080110801	G-2135	26 06 20	080 11 08	01	81-03-17	1.87	--
					80-10-08	1.99	--
					81-03-17	1.27	--
					81-05-13	0.38	--
260624080120101	G-2141	26 06 24	080 12 01	01	80-10-08	1.46	--
					81-03-17	1.34	--
260630080122901	G-484	26 06 30	080 12 29	01	81-05-13	0.51	--
					80-10-08	0.48	--
					81-03-17	0.35	--
260630080122901	G-484	26 06 30	080 12 29	01	81-05-13	-0.27	--
260636080122601	G-453	26 06 36	080 12 26	01	80-10-08	1.66	--
					81-03-17	1.53	--
					81-05-13	0.98	--
260636080131201	G-2145	26 06 36	080 13 12	01	80-10-08	1.57	--
260636080132001	G-2146	26 06 36	080 13 20	01	81-03-17	1.54	--
					81-05-13	-0.12	--
					80-10-08	2.08	--
					81-03-17	2.11	--
					81-05-13	3.19	--

MISCELLANEOUS WATER LEVEL MEASUREMENTS
 OCTOBER 1980 TO SEPTEMBER 1981

STATION NUMBER	STATION NAME		LAT- 1- TUDE	LONG- 1- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
BROWARD								
260638080095801	G-2131		26 06 38	080 09 58	01	80-10-08 81-03-17 81-05-13	1.48 0.78 1.00	-- -- --
260647080104201	G-2133		26 06 47	080 10 42	01	80-10-08 81-03-17 81-05-13	1.88 1.17 1.37	-- -- --
260648080114801	G-2137		26 06 48	080 11 48	01	80-10-08 81-03-17 81-05-13	1.73 1.33 1.05	-- -- --
260649080122801	G-482		26 06 49	080 12 28	01	80-10-08 81-03-17 81-05-13	0.39 0.33 1.23	-- -- --
260653080120901	G-2140		26 06 53	080 12 09	01	80-10-08 81-03-17 81-05-13	1.24 1.13 0.90	-- -- --
260653080124201	50S41E12 G- 461	USGS OBS WELL AT FT LAUD, FL	26 06 53	080 12 42	01	80-10-08 81-03-17 81-05-13	0.84 0.35 2.09	-- -- --
260658080113801	G-988		26 06 58	080 11 38	01	80-10-08 81-03-17 81-05-13	1.69 1.55 2.58	-- -- --
260658080132001	G-1089		26 06 58	080 13 20	01	80-10-08 81-03-17 81-05-13	2.75 1.78 2.18	-- -- --
260704080125201	G-457		26 07 04	080 12 52	01	80-10-08 81-03-17 81-05-13	2.37 1.89 1.49	-- -- --
260713080121001	G-2139		26 07 13	080 12 10	01	80-10-08 81-03-17 81-05-13	1.49 0.95 2.16	-- -- --
260724080123701	G-986		26 07 24	080 12 37	01	80-10-08 81-03-17 81-05-13	2.36 1.83 2.11	-- -- --
260728080122201	G-2138		26 07 28	080 12 22	01	80-10-08 81-03-17 81-05-13	2.21 1.75 1.43	-- -- --
260734080104501	G-2134		26 07 34	080 10 45	01	80-10-08 81-03-17 81-05-13	1.58 -- --	-- 3.13 4.31
260753080113901	50S42E06 G-1343	USGS OBS WELL AT FT LAUD, FL	26 07 53	080 11 39	01	80-10-21 80-12-18 81-02-17 81-03-17 81-04-22 81-05-13 81-08-21	-- -- -- 0.86 -- 0.59 --	-- 4.31 4.33 -- 6.36 -- 2.65 --
261030080120001	G-1451	USGS OBS WELL AT FT LAUD, FL	26 10 30	080 12 00	01	80-10-09 81-03-18 81-05-14	1.74 1.19 1.17	-- -- --
261037080093801	G-1453		26 10 37	080 09 38	01	80-10-09 81-03-18 81-05-14	2.01 1.38 1.38	-- -- --
261040080100901	G-2114		26 10 40	080 10 09	01	80-10-09 81-03-18 81-05-14	1.83 1.43 0.95	-- -- --
261047080114701	G-2118		26 10 47	080 11 47	01	80-10-09 81-03-18 81-05-14	1.87 0.99 0.84	-- -- --
261048080100001	G-2113		26 10 48	080 10 00	01	80-10-09 81-03-18 81-05-14	1.99 1.51 1.19	-- -- --
261050080091701	49S42E21 G-2110	USGS OBS WELL AT FT LAUD, FL	26 10 50	080 09 17	01	80-10-09 81-03-18 81-05-14	2.18 1.43 1.46	-- -- --
261051080095402	G-2111		26 10 51	080 09 54	02	80-10-09 81-03-18 81-05-14	2.30 1.73 1.63	-- -- --
261052080101601	G-815A		26 10 52	080 10 16	01	80-10-09	1.63	--

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1980 TO SEPTEMBER 1981

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
BROWARD							
261111080093001	G-2109	26 11 11	080 09 30	01	81-03-18	1.37	--
					81-05-14	0.71	--
					80-10-09	2.41	--
					81-03-18	1.78	--
					81-05-14	-0.35	--
261112080121401	G-2108	26 11 12	080 12 14	01	80-10-09	3.97	--
					81-03-18	3.00	--
261115080103201	G-2104	26 11 15	080 10 32	01	81-05-14	2.74	--
					81-03-18	4.16	--
					81-05-14	0.51	--
261117080101701	G-2106	26 11 17	080 10 17	01	80-10-09	1.72	--
					81-03-18	1.37	--
261129080101301	G-809	26 11 29	080 10 13	01	81-05-14	0.73	--
					80-10-09	1.93	--
					81-03-18	1.69	--
261132080094701	G-803	26 11 32	080 09 47	01	81-05-14	1.31	--
					80-10-09	2.02	--
					81-03-18	2.20	--
					81-05-14	1.72	--
261141080100001	G-808	26 11 41	080 10 00	01	80-10-09	2.27	--
					81-03-18	2.13	--
261149080102701	G-807	26 11 49	080 10 27	01	81-05-14	1.55	--
					80-10-09	0.76	--
					81-03-18	-0.07	--
					81-05-14	-0.67	--
261151080113201	G-2011	26 11 51	080 11 32	01	80-10-09	-2.51	--
261153080090701	G-2112	26 11 53	080 09 07	01	81-03-18	2.21	--
261203080100601	G-805	26 12 03	080 10 06	01	81-05-14	2.05	--
					80-10-09	2.84	--
					81-03-18	0.79	--
261203080110401	G-868	26 12 03	080 11 04	01	81-05-14	0.20	--
					81-03-18	-1.86	--
261207080090001	G-874	26 12 07	080 09 00	01	81-05-14	-1.26	--
					81-03-18	2.30	--
					81-05-14	2.19	--
261210080092401	G-2094	26 12 10	080 09 24	01	80-10-09	3.58	--
261211080101201	G-2096	26 12 11	080 10 12	01	81-03-18	2.81	--
					80-10-09	1.84	--
					81-03-18	0.90	--
					81-05-14	0.16	--
261212080115301	G-2015	26 12 12	080 11 53	01	80-10-09	-4.90	--
					81-03-18	-7.29	--
261212080115302	G-2016	26 12 12	080 11 53	02	81-05-14	-8.78	--
					80-10-09	-5.45	--
					81-03-18	-7.02	--
					81-03-18	-7.02	--
261212080115302	G-2016	26 12 12	080 11 53	02	81-05-14	-8.89	--
261218080104301	G-866	26 12 18	080 10 43	01	80-10-09	-0.14	--
					81-03-18	-0.28	--
					81-05-14	-1.68	--
261237080092301	G-2095	26 12 37	080 09 23	01	80-10-09	3.52	--
					81-03-18	2.96	--
261358080063801	G-2066	26 13 58	080 06 38	01	81-05-14	2.80	--
					81-03-18	0.31	--
					81-05-13	0.36	--
					81-03-18	0.59	--
261358080071502	G-1558 LINE 2 ST. & 4 AVE POMPANO W/L	26 13 58	080 07 15	02	81-03-18	0.59	--
261413080071401	G-2065	26 14 13	080 07 14	01	81-05-13	0.23	--
					81-05-13	-2.80	--
					80-10-10	1.33	--
					81-03-18	0.56	--
261414080060901	G-2068	26 14 14	080 06 09	01	81-05-13	0.70	--
261427080062701	G-2067	26 14 27	080 06 27	01	80-10-10	1.14	--
					81-03-18	-0.04	--
					81-05-13	0.00	--
261433080061001	G-2070	26 14 33	080 06 10	01	80-10-10	0.88	--
					81-05-13	0.15	--
					81-05-13	0.15	--
261436080071601	GP-1357	26 14 36	080 07 16	01	81-03-18	-6.72	--
261446080071601	GP-1355	26 14 46	080 07 16	01	81-05-13	-14.35	--
					80-10-10	-4.09	--
					80-10-10	1.07	--
261448080061301	G-2001	26 14 48	080 06 13	01	81-03-18	-1.74	--

MISCELLANEOUS WATER LEVEL MEASUREMENTS
 OCTOBER 1980 TO SEPTEMBER 1981

STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
COLLIER							
261450080000001	G-2274, NW 15 ST-APPROX 250 FT E. I-95	26 14 50	080 08 00	01	81-05-13	-2.07	--
					81-03-18	3.34	--
2614590800063901	48S42E25 GP-1352, 614-006-1	26 14 59	080 06 41	01	81-05-13	2.72	--
					81-03-18	-2.85	--
					81-05-13	-3.33	--
2615170800065601	GP-1353	26 15 17	080 06 56	01	80-10-10	-3.72	--
					81-03-18	-5.17	--
					81-05-13	-5.29	--
2615320800060101	G-2069	26 15 32	080 06 01	01	80-10-10	0.66	--
2615540800064201	POMPANO G-2007, NE 27CT & 13AVE	26 15 54	080 06 42	01	81-03-18	-2.02	--
2616280800083901	G-1310	26 16 28	080 08 39	01	81-05-13	4.72	--
					80-10-10	7.05	--
					81-03-19	5.79	--
261641080120701	G-1306	26 16 41	080 12 07	01	81-05-13	4.93	--
					80-10-10	18.93	--
261641080120701	G-1306	26 16 41	080 12 07	01	81-03-19	18.89	--
					81-05-13	18.64	--
2617220800063301	G-2248	26 17 22	080 06 33	01	81-03-18	-3.51	--
					81-05-13	-3.99	--
2617220800065701	G-2251	26 17 22	080 06 57	01	80-10-10	1.23	--
2617290800061801	G-2247	26 17 29	080 06 18	01	81-03-18	1.36	--
					81-05-13	-0.65	--
					80-10-10	-0.47	--
					81-03-18	-2.64	--
					81-05-13	-2.77	--
2617320800055201	G-2253	26 17 32	080 05 52	01	81-03-18	0.77	--
					81-05-13	0.61	--
2617320800061201	G-2249	26 17 32	080 06 12	01	80-10-10	-0.16	--
					81-03-18	-1.34	--
					81-05-13	-2.01	--
2617370800064001	G-2250	26 17 37	080 06 40	01	80-10-10	-1.37	--
					81-03-18	-2.81	--
					81-05-13	-3.23	--
2617460800060401	G-2252	26 17 46	080 06 04	01	80-10-10	0.27	--
					81-03-18	-1.08	--
2617470800061801	G-2246	26 17 47	080 06 18	01	81-05-13	-1.41	--
					80-10-10	1.65	--
					81-03-18	-3.12	--
					81-05-13	-3.59	--
2618170800065801	G-2231	26 18 17	080 06 58	01	80-10-10	1.23	--
261837080130501	G-2156	26 18 37	080 13 05	01	81-03-18	-0.08	--
					81-05-13	-0.56	--
					80-10-10	12.14	--
					81-03-19	12.48	--
					81-05-13	12.50	--
2619000800063501	G-2227	26 19 00	080 06 35	01	81-03-18	-2.90	--
					81-05-13	-4.39	--
260902081480401	50S25E04 C-130	26 09 02	081 48 04	01	80-10-15	1.68	--
					81-05-05	1.48	--
260925081475201	49S25E34 C-472A	26 09 25	081 47 52	01	80-10-15	1.41	--
					81-05-05	0.91	--
					81-05-07	1.54	--
260939081472801	C-508	26 09 39	081 47 28	01	80-10-15	3.42	--
260939081472801	C-508	26 09 39	081 47 28	01	81-05-05	3.46	--
260948081463301	49S25E33 C-524	26 09 48	081 48 33	01	80-10-15	-0.35	--
					81-05-05	0.00	--
					81-05-07	0.30	--
261001081481201	49S25E28 C-330 USGS NAPLES NORTH	26 10 01	081 48 12	01	80-10-15	2.04	--
261002081463701	49S25E28 C-525	26 10 02	081 48 37	01	81-05-05	1.61	--
					80-10-15	0.80	--
					81-05-05	1.08	--
					81-05-07	1.47	--
261003081475801	46S25E20 C-123	26 10 03	081 47 58	01	80-10-15	-0.56	--

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1980 TO SEPTEMBER 1981

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STATION NUMBER	STATION NAME				LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
COLLIER										
261023081470701		C-161			26 10 23	081 47 07	01	81-05-05	-0.57	--
261024081460101	49S25E28	C-409A			26 10 24	081 48 01	01	81-05-07 81-05-05 80-10-15 81-05-05	0.56 0.49 -0.77 -0.89	-- -- -- --
261024081480102	49S25E28	C-409			26 10 24	081 48 01	02	81-05-07 80-10-15 81-05-05	0.13 8.30 6.50	-- -- --
261038081460101		C-507			26 10 30	081 46 01	01	80-10-15 81-05-05	0.08 -0.21	-- --
261048081484801	49S25E28	C-527			26 10 48	081 48 48	01	80-10-15 81-05-05 81-05-07	1.65 2.44 2.55	-- -- --
261103081474901	49S25E22	C-412	USGS	NAPLES NORTH	26 11 03	081 47 49	01	80-10-15 81-05-05	7.76 5.14	-- --
261114081482301	49S25E21	C-474A			26 11 14	081 48 23	01	80-10-15 81-05-05 81-05-07	0.40 0.15 0.63	-- -- --
261114081482302		C 474			26 11 14	081 48 23	02	80-10-15 81-05-05	4.57 3.79	-- --
261117081480101	49S25E21	C-491			26 11 17	081 48 01	01	80-10-15 81-05-05	3.24 0.90	-- --
261117081480102		C 475			26 11 17	081 48 01	02	80-10-15 81-05-05	10.76 8.48	-- --
261146081460701	49S25E23	C-430			26 11 46	081 46 07	01	80-10-15	5.31	--
261151081473201	49S25E15	C-395A			26 11 51	081 47 32	01	81-05-05 80-10-15 81-05-05 81-05-07	1.59 5.03 0.42 0.64	-- -- -- --
261156081475801	49S25E15	C-516	USGS	NAPLES NORTH	26 11 56	081 47 58	01	81-05-05	1.84	--
261159081473201	49S25E15	C-394	USGS	NAPLES NORTH	26 11 59	081 47 32	01	80-10-15 81-05-05	8.02 4.53	-- --
261200081483001	49S25E16	C-528			26 12 00	081 48 30	01	80-10-15 81-05-05 81-05-07	1.94 0.78 1.11	-- -- --
261213081473201	49S25E15	C-513	USGS	NAPLES NORTH	26 12 13	081 47 32	01	80-10-15 81-05-05	4.59 0.43	-- --
261233081480201	49S25E15	C-506A			26 12 33	081 48 02	01	80-10-15 81-05-05 81-05-05 81-05-07	5.12 1.81 2.64	-- -- -- --
261237081483001	49S25E09	C-323	USGS	NAPLES NORTH	26 12 37	081 48 30	01	80-10-15 81-05-05	8.19 6.39	-- --
261240081452301	49S25E13	C-518	USGS	NAPLES NORTH	26 12 40	081 45 23	01	80-10-15 81-05-05	1.62 -0.35	-- --
261240081465401	49S25E11	C-519	USGS	NAPLES NORTH	26 12 40	081 46 54	01	80-10-15	5.17	--
261240081480401		C 322			26 12 40	081 48 04	01	81-05-05 80-10-15 81-05-05	1.77 15.36 12.93	-- -- --
261243081480301	49S25E10	C-490			26 12 43	081 48 03	01	80-10-15 81-05-05	5.66 2.16	-- --
261317081472401		C-456			26 13 17	081 47 24	01	81-05-06 80-10-15 81-05-05	1.93 11.20 8.36	-- -- --
261319081460701		C 478			26 13 19	081 46 07	01	80-10-15 81-05-05	8.29 6.39	-- --
261346081480201	49S25E03	C-515	USGS	NAPLES NORTH	26 13 46	081 46 02	01	80-10-15 81-05-05	7.57 2.43	-- --
261356081460701	49S25E02	C-479	USGS	NAPLES NORTH	26 13 56	081 46 07	01	80-10-15 81-05-05	10.14 8.87	-- --
261356081460702	49S25E02	C-511	USGS	NAPLES NORTH	26 13 56	081 46 07	02	80-10-15	3.44	--
261401081461401		C-458			26 14 01	081 46 14	01	81-05-05 80-10-15 81-05-05	1.40 7.84 0.17	-- -- --
261403081470701		C-459			26 14 03	081 47 07	01	80-10-15 81-05-05	5.57 0.95	-- --
261405081465501	49S25E02	C-460			26 14 05	081 46 55	01	80-10-15 81-05-05 81-05-06	6.91 1.20 1.18	-- -- --
261409081464901		C 484			26 14 09	081 46 49	01	80-10-15 81-05-05	9.82 4.40	-- --

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1980 TO SEPTEMBER 1981

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
COLLIER							
261411081470801	C-461	26 14 11	081 47 08	01	80-10-15	5.61	--
261414081460801	49S25E02 C-520 USGS	26 14 14	081 46 08	01	81-05-05	0.36	--
261414081480301	49S25E03 C-505A	26 14 14	081 48 03	01	80-10-15	4.41	--
					81-05-05	3.16	--
					80-10-15	8.43	--
					81-05-05	3.83	--
261435081472501	C 321	26 14 35	081 47 25	01	81-05-06	4.19	--
261437081460901	C 480	26 14 37	081 46 09	01	80-10-15	6.99	--
					81-05-05	5.58	--
					80-10-15	7.29	--
261500081480601	C 320	26 15 00	081 48 06	01	81-05-05	6.12	--
261507081484501	C 319	26 15 07	081 48 45	01	80-10-15	14.00	--
					81-05-05	9.40	--
					80-10-15	6.95	--
					81-05-05	4.58	--
261524081480401	C-424	26 15 24	081 46 04	01	80-10-15	0.54	--
					81-05-05	-1.32	--
					81-05-06	-0.82	--
261635081201501	S-485 SUNNILAND FL	26 16 35	081 20 15	01	80-10-15	15.32	--
					81-05-05	12.79	--
DADE							
253917080185101	F-456	25 39 17	080 16 51	01	80-10-06	3.33	--
					81-03-17	2.58	--
					81-05-11	2.18	--
253937080190001	F-464	25 39 37	080 19 00	01	80-10-06	3.32	--
					81-03-17	2.40	--
254004080171102	G-1003A	25 40 04	080 17 11	02	81-05-11	1.94	--
					80-10-06	2.12	--
					81-03-17	2.89	--
254009080170302	G-1002A	25 40 09	080 17 03	02	81-05-11	1.98	--
					80-10-06	2.14	--
					81-03-17	1.86	--
254013080245901	G-447A	25 40 13	080 24 59	01	81-05-11	1.86	--
					80-10-06	3.82	--
					81-03-19	2.96	--
					81-05-12	2.52	--
254018080170002	G-1001A	25 40 18	080 17 00	02	80-10-06	2.32	--
					81-03-17	2.15	--
					81-05-11	2.29	--
254020080183101	55S40E11 G-1604A USGS OBS WELL NR STH MIAMI, FL	25 40 20	080 18 31	01	80-10-06	3.16	--
					81-03-17	2.41	--
					81-05-11	2.06	--
254023080164702	G-1000A	25 40 23	080 16 47	02	80-10-06	1.77	--
					81-03-17	1.48	--
					81-05-11	1.71	--
254033080170401	F-450	25 40 33	080 17 04	01	80-10-06	2.66	--
					81-03-17	3.66	--
					81-05-11	2.75	--
254049080172201	G-1007	25 40 49	080 17 22	01	80-10-06	2.66	--
254049080174502	G-1008A	25 40 49	080 17 45	02	80-10-06	2.66	--
					81-03-17	2.48	--
					81-05-11	2.56	--
254050080162601	F-386	25 40 50	080 16 26	01	80-10-06	1.02	--
					81-03-17	1.73	--
					81-05-11	0.94	--
254050080164501	F-417	25 40 50	080 16 45	01	80-10-06	1.64	--
					81-03-17	1.59	--
					81-05-11	1.73	--
254053080210601	G-1563	25 40 53	080 21 06	01	80-10-06	4.00	--
254058080192501	F-451	25 40 58	080 19 25	01	80-10-06	4.59	--
					81-03-17	3.00	--
254105080174602	G-1009A	25 41 05	080 17 46	02	80-10-06	2.91	--
					81-03-17	3.46	--
					81-05-11	2.88	--

MISCELLANEOUS WATER LEVEL MEASUREMENTS
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DEPTH
BELOW
LAND
SURFACE
(WATER
LEVEL)
(FEET)

STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEVATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
DADE							
254107080165201	55S41E06 G- 896 USGS OBS WELL AT CML GBLS, FL	25 41 07	080 16 52	01	80-10-06	2.15	--
					81-03-17	2.25	--
					81-05-11	2.47	--
254108080170302	G-1002B	25 41 08	080 17 03	02	80-10-06	2.34	--
					81-03-17	2.14	--
					81-05-11	2.19	--
254108080240402	G-946A	25 41 08	080 24 04	02	80-10-06	2.24	--
					81-05-12	2.25	--
254117080234702	G-944A	25 41 17	080 23 47	02	80-10-06	2.55	--
					81-05-12	1.81	--
254118080175101	G-1010	25 41 18	080 17 51	01	80-10-06	2.70	--
					81-03-17	2.75	--
					81-05-11	2.80	--
254121080235501	G-945	25 41 21	080 23 55	01	80-10-06	2.49	--
					81-05-12	1.57	--
254125080173001	G-1013	25 41 25	080 17 30	01	80-10-06	2.76	--
					81-03-17	2.80	--
					81-05-11	2.80	--
254127080210502	G-1599B	25 41 27	080 21 05	02	80-10-06	2.76	--
					81-05-12	2.08	--
254127080240001	54S39E35 G- 551B USGS OBS WELL NR STM MIAMI, FL	25 41 27	080 24 00	01	80-10-06	2.71	--
					81-05-12	1.88	--
254129080232701	G-951	25 41 29	080 23 27	01	80-10-06	2.01	--
					81-03-19	1.46	--
					81-05-12	1.27	--
254134080173402	G-1014A	25 41 34	080 17 34	02	80-10-06	2.87	--
					81-03-17	2.87	--
					81-05-11	1.87	--
254136080232802	G-953A	25 41 36	080 23 28	02	80-10-06	3.73	--
					81-05-12	1.88	--
254139080204301	G-1599A	25 41 39	080 20 43	01	80-10-06	2.33	--
					81-05-12	1.49	--
254140080224201	F-490	25 41 40	080 22 42	01	80-10-06	2.91	--
					81-03-19	2.52	--
					81-05-12	2.42	--
254141080200301	G-1366	25 41 41	080 20 03	01	80-10-06	2.47	--
254143080164501	G-1015	25 41 43	080 16 45	01	80-10-06	3.26	--
					81-03-17	2.18	--
					81-05-11	2.46	--
254147080232701	G-954	25 41 47	080 23 27	01	80-10-06	3.39	--
					81-05-12	2.76	--
254148080224201	G-956	25 41 48	080 22 42	01	80-10-06	3.22	--
					81-03-19	2.95	--
					81-05-12	2.85	--
254148080235802	G-967A	25 41 48	080 23 58	02	80-10-06	1.96	--
					81-05-12	1.44	--
254150080234501	G-950	25 41 50	080 23 45	01	80-10-06	2.49	--
					81-05-12	1.93	--
254150080234702	G-849A	25 41 50	080 23 47	02	80-10-06	2.72	--
					81-05-12	2.20	--
254153080201801	G-880	25 41 53	080 20 18	01	80-10-06	2.32	--
					81-03-19	1.48	--
					81-05-12	1.48	--
254155080204001	G-1599	25 41 55	080 20 40	01	80-10-06	1.73	--
					81-03-19	1.09	--
254155080204001	G-1599	25 41 55	080 20 40	01	81-05-12	0.55	--
254156080231801	G-845	25 41 56	080 23 18	01	80-10-06	2.92	--
					81-05-12	2.57	--
254200080201801	G-881	25 42 00	080 20 18	01	80-10-06	1.52	--
					81-03-19	0.69	--
254200080230501	G-962A	25 42 00	080 23 05	01	81-05-12	0.62	--
					80-10-06	2.87	--
					81-03-19	2.69	--
					81-05-12	2.62	--
254200080234702	G-848A	25 42 00	080 23 47	02	80-10-06	2.91	--

MISCELLANEOUS WATER LEVEL MEASUREMENTS
 OCTOBER 1980 TO SEPTEMBER 1981

STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
DADE							
254201080173001	54S41E31 G- 901 USGS OBS WELL AT STM MIAMI, FL	25 42 01	080 17 30	01	80-10-06 81-03-17 81-05-11	1.94 1.74 2.09	-- -- --
254205080202301	G-1598	25 42 05	080 20 23	01	80-10-06 81-03-19	0.29 -0.74	-- --
254209080204101	G-878	25 42 09	080 20 41	01	81-05-12 80-10-06 81-03-19	-0.86 1.83 1.31	-- -- --
254215080195402	G-1078A	25 42 15	080 19 54	02	80-10-06 81-03-19	0.86 -0.14	-- --
254215080200801	54S40E27 G-1075A USGS OBS WELL AT STM MIAMI, FL	25 42 15	080 20 08	01	81-05-12 80-10-06 81-05-12	-1.05 0.37 -2.41	-- -- --
254215080201502	G-1074A	25 42 15	080 20 15	02	80-10-06	0.93	--
254220080201902	G-884A	25 42 20	080 20 19	02	80-10-06 81-03-19	0.00 -1.40	-- --
254222080224002	G-1020A	25 42 22	080 22 40	02	81-05-12 80-10-06 81-03-19 81-05-12	-2.12 2.97 2.87 2.94	-- -- -- --
254227080232801	G-846A	25 42 27	080 23 28	01	80-10-06 81-03-19 81-05-12	3.10 2.89 2.94	-- -- --
254227080234702	G-847A	25 42 27	080 23 47	02	80-10-06 81-05-12	3.21 2.53	-- --
254228080194301	F-472	25 42 28	080 19 43	01	80-10-06 81-03-19 81-05-12	1.29 0.47 -0.54	-- -- --
254229080194601	G-1079	25 42 29	080 19 46	01	80-10-06 81-03-19	1.64 0.91	-- --
254841080164401	53S41E19 G- 571 USGS OBS WELL AT MIAMI SPR, FL	25 48 41	080 16 44	01	81-05-12	-0.59	--
254842080161502	53S41E20 G-355	25 48 42	080 16 15	02	80-10-07 81-03-18 81-05-12	1.37 1.06 1.13	-- -- --
254842080164101	F 10 OAKWOOD AND PALMETTO MIAMI SPRINGS FLA	25 48 42	080 16 41	01	80-10-07 81-03-18 81-05-12	0.47 0.34 0.15	-- -- --
254842080173401	53S40E24 F- 414 USGS OBS WELL AT MIAMI SPR, FL	25 48 42	080 17 34	01	80-10-07 81-03-18 81-05-12	-2.66 -1.80 -2.68	-- -- --
254842080174301	53S40E24 F- 441 USGS OBS WELL AT MIAMI SPR, FL	25 48 42	080 17 43	01	80-10-07 81-03-18 81-05-12	-1.47 -1.02 -1.66	-- -- --
254843080180901	F-410	25 48 43	080 18 09	01	80-10-07 81-03-18	1.48 1.31	-- --
254843080181501	F-398	25 48 43	080 18 15	01	81-05-12 80-10-07 81-05-12	1.23 2.05 1.79	-- -- --
254845080162501	F 7 MINOLA AND LEBARON MIAMI SPRINGS FLA	25 48 45	080 16 25	01	80-10-07 81-03-18	0.96 0.71	-- --
254847080164701	F-415	25 48 47	080 16 47	01	81-05-12 80-10-07 81-03-18 81-05-12	0.62 0.22 -0.11 -0.09	-- -- -- --
254847080175101	S- 7A USGS OBS WELL	25 48 47	080 17 51	01	80-10-07 81-03-18 81-05-12	-3.63 -2.36 -3.16	-- -- --
254848080173701	S- 8B USGS OBS WELL	25 48 48	080 17 37	01	80-10-07 81-03-18 81-05-12	-4.41 -3.69 -4.54	-- -- --
254849080154802	53S41E20 G- 576 USGS OBS WELL AT MIALEAM, FL	25 48 49	080 15 48	02	80-10-07 81-03-18 81-05-12	1.90 1.54 1.59	-- -- --
254850080174801	F-15	25 48 50	080 17 48	01	80-10-07 81-03-18	-1.21 -0.90	-- --

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1980 TO SEPTEMBER 1981

221
DEPTH
BELOW
LAND
SURFACE
(WATER
LEVEL)
(FEET)

STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	
DADE							
254850080181801	F-397	25 48 50	080 18 18	01	81-05-12	-1.44	--
					80-10-07	1.88	--
					81-03-18	1.69	--
					81-05-12	1.63	--
254853080172401	53S41E19 S- 1B USGS OBS WELL	25 48 53	080 17 14	01	80-10-07	-4.65	--
254853080172401	53S41E19 S- 1B USGS OBS WELL	25 48 53	080 17 14	01	81-03-18	-3.32	--
					81-05-12	-4.32	--
254853080172701	C-1	25 48 53	080 17 27	01	80-10-07	-3.35	--
254853080174201	53S40E24 S- 6A USGS OBS WELL AT MIAMI SPR, FL	25 48 53	080 17 42	01	81-05-12	-2.52	--
254855080125001	53S41E19 F- 5 USGS OBS WELL AT MIAMI SPR, FL	25 48 55	080 16 29	01	80-10-07	0.00	--
					81-03-18	-0.20	--
					81-05-12	-0.32	--
254855080163701	53S41E19 G- 54B USGS OBS WELL AT MIAMI SPR, FL	25 48 55	080 16 37	01	80-10-07	0.36	--
					81-03-18	0.22	--
					81-05-12	-0.10	--
254857080173301	53S40E24 S- 5B USGS OBS WELL AT MIAMI SPR, FL	25 48 57	080 17 33	01	80-10-07	-3.92	--
					81-03-18	-3.07	--
					81-05-12	-3.45	--
254857080180001	F-411	25 48 57	080 18 00	01	80-10-07	0.36	--
					81-03-18	0.41	--
					81-05-12	0.10	--
254900080163701	F-4	25 49 00	080 16 37	01	80-10-07	-0.32	--
					81-03-18	-0.36	--
					81-05-12	-0.60	--
254900080181601	F-409	25 49 00	080 18 16	01	80-10-07	1.74	--
					81-03-18	1.53	--
					81-05-12	1.47	--
254901080160301	F-236 SE 7 AVE AND 6 PL HIALEAH FLA	25 49 01	080 16 03	01	80-10-07	1.13	--
					81-03-18	0.84	--
					81-05-12	0.75	--
254903080160901	53S41E20 F- 237 USGS OBS WELL AT HIALEAH, FL	25 49 03	080 16 09	01	80-10-07	0.65	--
254906080172801	F-413	25 49 06	080 17 28	01	80-10-07	0.40	--
					81-03-18	0.50	--
					81-05-12	0.16	--
254910080171801	F-12	25 49 10	080 17 18	01	80-10-07	-4.12	--
					81-05-12	-3.75	--
254912080172701	F-13	25 49 12	080 17 27	01	80-10-07	-3.90	--
					81-03-18	-3.08	--
					81-05-12	-3.70	--
254913080171601	BW	25 49 13	080 17 16	01	80-10-07	-3.23	--
					81-03-18	-2.26	--
					81-05-12	-3.27	--
254914080173001	G-441A	25 49 14	080 17 30	01	80-10-07	-3.20	--
254914080175301	G-1372	25 49 14	080 17 53	01	80-10-07	-1.92	--
					81-03-18	-1.68	--
254229080194601	G-1079	25 42 29	080 19 46	01	81-05-12	-0.26	--
254230080193002	G-1080A	25 42 30	080 19 30	02	80-10-06	2.47	--
					81-05-12	1.01	--
254230080210302	G-877A	25 42 30	080 21 03	02	80-10-06	1.92	--
					81-03-19	1.68	--
					81-05-12	1.11	--
254233080200802	G-1071A	25 42 33	080 20 08	02	80-10-06	1.64	--
					81-03-19	0.82	--
					81-05-12	-0.12	--
254238080174001	54S40E25 G- 581A USGS OBS WELL AT STM MIAMI, FL	25 42 38	080 17 40	01	80-10-06	2.47	--
					81-03-17	2.19	--
					81-05-11	2.29	--
254250080181001	F-473	25 42 50	080 18 10	01	80-10-06	2.90	--
					81-03-17	2.56	--
					81-05-11	2.18	--
254253080211701	G-1555	25 42 53	080 21 17	01	80-10-06	3.24	--
					81-05-12	2.44	--
254253080230902	G-1021A	25 42 53	080 23 09	02	81-03-19	2.60	--
					81-05-12	2.70	--
254255080232802	G-1022A	25 42 55	080 23 28	02	80-10-06	3.00	--

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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
DADE							
254937080180301	53S40E13 S- 22A USGS OBS WELL	25 49 37	080 18 03	01	81-03-18 81-05-12 80-10-07 81-03-18 81-05-12	-7.41 -8.45 -4.09 -4.10 -4.78	-- -- -- -- --
254940080181802	G-440A	25 49 40	080 18 18	02	80-10-07 81-03-18 81-05-12	-1.28 -1.75 -2.04	-- -- --
254942080171001	G-572	25 49 42	080 17 10	01	80-10-07 81-03-18	-9.75 -6.70	-- --
254943080172701	53S40E13 S- 14B USGS OBS WELL AT MIAMI SPR, FL	25 49 43	080 17 27	01	81-05-12 80-10-07 81-03-18 81-05-12	-11.25 -12.62 -13.45 -13.57	-- -- -- --
254948080212301	53S40E17 G-3030 58TH ST LANDFILL SITE 2	25 49 48	080 21 23	01	81-03-18 81-05-12	2.55 2.65	-- --
254950080195005	53S40E15 G-3054 58TH ST LANDFILL SITE 6	25 49 50	080 19 50	05	81-03-18	2.30	--
254950080201205	53S40E15 G-3049 58TH ST LANDFILL SITE 5	25 49 50	080 20 12	05	81-03-18	2.49	--
254953080163901	F-264	25 49 53	080 16 39	01	80-10-07 81-03-18	-1.45 -1.65	-- --
254953080181801	53S40E13 S- 9A USGS OBS WELL AT MIAMI SPR, FL	25 49 53	080 18 18	01	81-05-12 80-10-07 81-03-18 81-05-12	-1.99 -0.16 -0.83 -0.91	-- -- -- --
255005080170901	G-1370	25 50 05	080 17 09	01	80-10-07	-1.30	--
255011080181601	G-1373	25 50 11	080 18 16	01	81-03-18 80-10-07 81-03-18 81-05-12	-2.85 1.65 1.33 1.47	-- -- -- --
255013080190705	53S40E14 F- 491 58TH ST LANDFILL SITE 7	25 50 13	080 19 07	05	80-10-07	2.22	--
255025080170401	G-1371	25 50 25	080 17 04	01	81-03-18 81-05-12 80-10-07 81-03-18 81-05-12	1.84 2.23 0.03 -0.19 -0.27	-- -- -- -- --
255032080173301	F-255	25 50 32	080 17 33	01	80-10-07 81-03-18 81-05-12	0.96 0.97 1.07	-- -- --
255106080163701	F-242	25 51 06	080 16 37	01	80-10-07 81-03-18	0.86 0.84	-- --
255110080171501	F-250	25 51 10	080 17 15	01	81-05-12 80-10-07 81-03-18 81-05-12	0.86 1.41 1.44 1.63	-- -- -- --
255140080155501	F-247	25 51 40	080 15 55	01	80-10-07 81-03-18 81-05-12 80-10-07	1.15 1.17 2.39 1.61	-- -- -- --
255157080153101	F 246 E8 LANE AND 45ST HIALEAH FL	25 51 57	080 15 31	01	81-03-18 81-05-12	1.63 0.17	-- --
255526080143002	S-18A	25 55 26	080 14 30	02	80-10-07 81-05-12	-7.42 -7.75	-- --
255600080092401	G-1047	25 56 00	080 09 24	01	80-10-08 81-03-17 81-05-14	2.51 2.25 2.18	-- -- --
255610080092301	G-1049	25 56 10	080 09 23	01	80-10-08 81-03-17 81-05-14	1.87 1.63 1.70	-- -- --
255637080093801	G-1055	25 56 37	080 09 38	01	80-10-08 81-03-17	2.63 2.69	-- --
255822080103001	G-1060 SHALLOW	25 58 12	080 10 30	01	81-05-14 80-10-08 81-03-17	2.48 2.03 1.88	-- -- --
261441080111301	G-1316	26 14 41	080 11 13	01	81-05-14 80-10-10	1.28 9.02	-- --
					81-03-19 81-05-13	9.19 8.91	-- --
GLADES							
264726081235501	64712301 42S29E26 LYKES BROS LA BELLE	26 47 26	081 23 55	01	81-05-15	26.30	-6.30
264905081242801	64912401 42S29E15	26 49 05	081 24 28	01	81-05-15	42.00	-7.00
264943081290601	64912901 42S28E11 LYKES BROS LA BELLE	26 49 43	081 29 06	01	81-05-14	42.53	4.47
265032081164801	65011601 42 S30E01 LYKES BROS GOODNO	26 50 32	081 16 48	01	81-05-15 81-06-16	30.30 --	-0.30 -4.94
265241081200501	65212001 41S30E29 LYKES BROS	26 52 41	081 20 05	01	81-05-15	40.00	-5.00

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GLADES							
265241081200501	65212001 41S30E29 LYKES BROS	26 52 41	081 20 05	01	81-06-16	--	-6.31
265248081194501	65211901 41S30E28 LYKES BROS PALMDALE	26 52 48	081 19 45	01	81-06-16	--	-10.90
265452081165401	65411601 41S30E12 CLEMONS PALMDALE	26 54 52	081 16 54	01	81-05-14	45.40	-10.40
270050081102001	4031E12 70011001 LYKES BROS BRIGHTON SW	27 00 50	081 10 20	01	81-09-22	48.40	-13.40
					81-05-14	22.70	-0.30
270115081212901	GLF-3 R B OXER # 2	27 01 15	081 21 29	01	81-06-09	--	0.50
					81-05-12	42.70	19.30
270228081135501	70211301 39S31E33 LYKES BROS BRIGHTON SW	27 02 28	081 13 55	01	81-09-22	50.75	11.25
270547081050501	39S32E12 GL 208 BRGHTN IND RSV BRIGHTON SE	27 05 47	081 05 05	01	81-05-14	27.30	-0.30
					81-05-14	42.00	-17.00
270848080552401	38S34E28 GL 250 PEARCE OKEECHOBEE NW	27 08 48	080 55 24	01	81-05-15	27.80	-10.80
270933080561301	PEARCE SECTION 21	27 09 33	080 56 13	01	81-06-17	--	-26.90
					81-06-17	--	-25.70
270948081081101	70910801 38S32E20 GROVE 8	27 09 48	081 08 11	01	81-09-22	46.40	-28.40
					81-05-14	43.00	-15.00
HIGHLANDS							
270435081234101	70412301 39S29E14	27 04 35	081 23 41	01	81-05-13	43.85	50.15
					81-09-21	50.73	43.27
270644081210001	HO AND JM DAIRY	27 06 44	081 21 00	01	81-06-12	--	94.80
271134081234301	HIF-5 CHARLES STIDHAM	27 11 34	081 23 43	01	81-05-12	43.36	103.60
					81-09-22	50.76	96.20
271303081080501	71310801 37S32E33 LYKES BROS	27 13 03	081 08 05	01	81-05-14	41.30	-12.80
					81-09-22	44.80	-16.30
271306081271701	HIF-7 BOX RANCH #1	27 13 06	081 27 17	01	81-05-12	43.64	44.36
					81-09-23	51.84	36.16
271324081325801	37S28E31 71313201 CARLTON LONG ISL MARSH	27 13 24	081 32 58	01	81-05-13	38.85	47.15
					81-09-21	49.72	36.28
271335081052001	713105 37S32E26 LYKES BROTHERNS	27 13 35	081 05 20	01	81-05-19	39.77	--
					81-09-21	45.07	-6.30
271455081054301	71410501 37S32E23	27 14 55	081 05 43	01	81-05-13	42.80	-13.80
					81-09-22	47.70	-18.70
271456081074701	HIF-6 LYKES BROW 4IN FLOW	27 14 56	081 07 47	01	81-05-19	40.00	-15.00
					81-09-21	45.26	-20.26
271503081080901	71510801 37S32E20 LYKES BROS	27 15 03	081 08 09	01	81-05-14	35.80	-6.80
					81-09-22	41.70	-12.70
271521081285401	HIF-9 BOX RANCH #4	27 15 21	081 28 54	01	81-05-12	38.67	51.33
271729081090001	71710901 37S32E05 LYKES BROS	27 17 29	081 09 00	01	81-05-13	37.80	-2.80
					81-09-22	43.80	-8.80
271730081160501	717116 37S31E-- 0 REYNOLDS	27 17 30	081 16 05	01	81-05-13	46.00	-6.00
					81-09-21	48.00	-8.00
272237081070701	722107-- 36S32E03 LYKES BROS NR CORNWELL	27 22 37	081 07 07	01	81-05-12	43.00	--
272237081070701	722107-- 36S32E03 LYKES BROS NR CORNWELL	27 22 37	081 07 07	01	81-09-21	48.37	-1.58
272835081251701	728125-- 34S29E16 NARANATHA VILLIAGE NR SEABRI	27 28 35	081 25 17	01	81-05-13	71.50	43.50
					81-09-21	86.12	28.88
272906081142001	729114-- 34S31E28 YUCAN RANCH NR LOKIDA	27 29 06	081 14 20	01	81-09-21	46.54	22.44
273138081154201	731115-- 34S31E18 HOWERTON'S WELL NR LOKIDA	27 31 38	081 15 42	01	81-05-12	45.95	--
					81-09-21	52.63	35.32
273527081310801	CITY OF AVON PARK	27 35 27	081 31 08	01	81-05-13	56.40	92.80
					81-09-21	82.26	66.94
LEE							
263242081572101	45S23E19 L-2244 FT MYERS SW	26 32 42	081 57 21	01	80-10-27	-24.47	--
					81-05-27	-8.87	--
263347082002601	45S23E09 L-1119 PINE IS CENTER	26 33 47	082 00 26	01	80-10-27	-9.95	--
					81-05-27	-6.00	--
263404081575801	45S23E12 L-1118 FT MYERS SW	26 34 04	081 57 58	01	80-10-27	-26.88	--
					81-05-27	-11.27	--
263438081563201	45S24E07 L-1117 FT MYERS SW	26 34 38	081 56 32	01	80-10-27	-21.26	--
					81-05-27	-13.03	--
263627081562701	44S24E29 L-702 FT MYERS SW	26 36 27	081 56 27	01	80-10-27	-23.01	--
					81-05-27	-16.77	--
263720081573101	44S24E30 L-1114 FT MYERS SW	26 37 20	081 57 31	01	80-10-27	-26.75	--
					81-05-27	-20.61	--
263728082043101	44S22E24 L-434	26 37 28	082 04 31	01	80-10-01	--	13.70
					81-05-18	--	12.80
263905081572801	44S24E18 L-1115 FT MYERS NW	26 39 05	081 57 28	01	80-10-27	0.09	--

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LEE								
264053081563201	44S24E06 L-1099		26 40 53	081 56 32	01	81-05-27	-0.57	--
						80-10-27	-31.75	--
						81-05-27	-37.79	--
264054081592601	43S23E35 L1106	FT MYERS NW	26 40 54	081 59 26	01	80-10-27	12.43	--
						81-05-27	9.99	--
264055081572701	43S24E31 L-1120	FT MYERS NW	26 40 55	081 57 27	01	80-10-27	2.30	--
						81-05-27	-3.75	--
264055081583101	43S23E35 L-1109	FT MYERS NW	26 40 55	081 58 31	01	80-10-27	9.58	--
						81-05-27	5.98	--
264120082022101	43S23E32 L-1113	MATLACHA	26 41 12	082 02 21	01	80-10-27	15.55	--
						81-05-27	12.65	--
264144081582601	43S23E35 L-1108		26 41 44	081 58 26	01	80-10-27	12.14	--
						81-05-27	9.34	--
264146081592301	43S23E35 L-1107	FT MYERS NW	26 41 46	081 59 23	01	80-10-27	13.02	--
						81-05-27	10.87	--
264147081562701	43S24E29 L-1111	FT MYERS NW	26 41 47	081 56 27	01	81-05-27	2.41	--
264241081582401	43S23E25 L-1110	FT MYERS NW	26 42 41	081 58 24	01	80-10-27	14.74	--
						81-05-27	14.06	--
MARTIN								
265731080222701	40S40E30 M-1045		26 57 31	080 22 27	01	81-05-16	22.85	--
265813080052701	M-1028		26 58 13	080 05 27	01	81-05-16	2.40	--
265903080340801	40S38E19 M-1046		26 59 03	080 34 08	01	81-05-16	20.51	--
265915080290001	40S38E13 M1085 NR INDIATOWN 2.5MI SSW OF NR CA		26 59 15	080 29 00	01	81-05-16	22.78	--
265920080163901	40S41E18 M1083 3.3 MI NO JCT SR706-711 NR JUPTR		26 59 20	080 16 39	01	81-05-16	19.15	--
270028080265401	M-1080		27 00 28	080 26 54	01	81-05-16	20.55	--
270331080182201	M-1049		27 03 31	080 18 22	01	81-05-16	19.35	--
270441080332402	39S38E17 M1066 7MILES NW INDIANTOWN ON SR710		27 04 41	080 33 24	02	81-05-16	27.03	--
270507080285501	M-1079		27 05 07	080 28 55	01	81-05-16	23.73	--
270518080190901	M-1035		27 05 18	080 19 09	01	81-05-16	21.18	--
270545080230301	39S40E7 M1036 IN BESSEMER GROVES PALM CITY		27 05 45	080 23 03	01	81-05-16	23.22	--
270622080154801	39S41E5 M1082 NR ENT OF TRAILER PK SR76 STUART		27 06 22	080 15 48	01	81-05-16	3.61	--
270845080144301	38S41E M-1140 OBS WELL NR STUART FLA		27 08 45	080 14 43	01	81-05-30	5.38	--
						81-08-29	7.87	--
270931080403801	38S37E19 M-1041		27 09 31	080 40 38	01	81-05-16	21.51	--
270942080250401	38S39E22 M1037 ON ST HWY 714 WEST OF PALM CITY		27 09 42	080 25 04	01	81-05-16	23.43	--
270942080285401	M-1078		27 09 42	080 28 54	01	81-05-16	23.96	--
270943080145701	38S41EHG M-1146 OBS WELL NR STUART FLA		27 09 43	080 14 57	01	81-05-29	1.83	--
						81-07-27	2.26	--
						81-07-29	--	6.30
270943080145702	38S41EHG M-1147 OBS WELL NR STUART FLA		27 09 43	080 14 57	02	81-08-28	4.59	--
						81-06-26	--	7.02
						81-07-29	--	6.53
270943080145703	38S41EHG M-1148 OBS WELL NR STUART FLA		27 09 43	080 14 57	03	81-08-28	4.48	--
						81-05-30	2.28	--
270949080140001	38S41EHG M-1145 OBS WELL NR STUART FLA		27 09 49	080 14 00	01	81-08-29	5.56	--
						81-05-30	-4.14	--
270951080135601	38S41EHG M-1143 OBS WELL NR STUART FLA		27 09 51	080 13 56	01	81-08-29	-3.45	--
						81-05-30	3.28	--
						81-08-28	2.72	--
270951080335501	38S38E18 M-1042		27 09 51	080 33 55	01	81-05-16	29.55	--
270952080135201	38S41EHG M-1141 OBS WELL NR STUART FLA		27 09 52	080 13 52	01	81-05-29	3.44	--
						81-08-29	4.16	--
271000080124801	38S41EHG M-1133 OBS WELL NR STUART FLA		27 10 00	080 12 48	01	81-05-29	4.76	--
						81-08-29	6.58	--
271007080131002	38S41EHG M-1135 OBS WELL NR STUART FLA		27 10 07	080 13 10	02	81-05-30	7.37	--
						81-08-29	9.42	--
271010080122201	38S41EHG M-1132 SALT MONITOR WELL STUART FLA		27 10 10	080 12 22	01	81-06-26	--	4.45
						81-07-29	--	3.98
271010080141301	38S41E16 M-1151 OBS WELL IN STUART FLA		27 10 10	080 14 13	01	81-08-28	-0.40	--
271010080142301	38S41E16 M-1152 OBS WELL IN STUART FLA		27 10 10	080 14 23	01	81-05-29	-5.21	--
						81-05-29	8.88	--
271012080122402	38S41EHGNEM-1131 WATER LEVEL OBS WELL NR STU FLA		27 10 12	080 12 24	02	81-05-08	0.95	--
						81-05-30	0.68	--
						81-08-29	2.50	--
271017080123501	39S41EHG M-1165 OBS WELL NR STUART FLA		27 10 17	080 12 35	01	81-06-26	--	4.46
						81-07-29	--	4.10

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MARTIN							
271018080125101	38S41EHG M-1055 SAL OBS WELL NR AIRPORT STUART	27 10 18	080 12 51	01	81-08-28 81-06-26 81-07-29	3.35 -- --	-- 10.78 9.90
271018080125103	38S41EHG M-1164 OBS WELL NR STUART FLA	27 10 18	080 12 51	03	81-08-28 81-05-08 81-05-30	5.72 3.05 3.07	-- -- --
271023080121001	38S41EHG M-1163 OBS WELL IN STUART FLA	27 10 23	080 12 10	01	81-08-29 81-05-30	5.49 0.52	-- --
271030080141901	38S41E16 M-1154 OBS WELL IN STUART FLA	27 10 30	080 14 19	01	81-08-29 81-05-29	2.48 1.49	-- --
271030080142601	38S41E16 M-1153 OBS WELL IN STUART FLA	27 10 30	080 14 26	01	81-05-29	2.15	--
271031080150901	38S41E16 M1008 NR JCT SR76-714 IN STUART FLA	27 10 31	080 15 09	01	81-06-26 81-07-29	-- --	10.37 9.94
271031080150902	38S41E M-1149 OBS WELL IN STUART FLA	27 10 31	080 15 09	02	81-05-29 81-08-29	1.82 4.89	-- --
271050080122301	38S41EHG M-1162 OBS WELL IN STUART FLA	27 10 50	080 12 23	01	81-05-08 81-05-29 81-08-29	1.14 1.31 3.48	-- -- --
271108080133501	38S41E M-1155 OBS WELL IN STUART FLA	27 11 08	080 13 35	01	81-05-29 81-08-29	1.15 3.23	-- --
271109080125501	38S41E11 M1010 ON AIRPORT NE END RUNWAY-STUART	27 11 09	080 12 55	01	81-06-26 81-07-29	-- --	74.00 9.29
271109080125502	38S41E M-1161 OBS WELL IN STUART FLA	27 11 09	080 12 55	02	81-08-29 81-05-08 81-05-29	4.12 1.78 1.85	-- -- --
271123080135101	M-1091	27 11 23	080 13 51	01	81-08-29 81-05-16 81-06-26 81-07-29 81-08-28	4.26 -- -- -- 1.60	-- 8.82 12.98 12.53 --
271123080135102	38S41E3SW M-1156 OBS WELL IN STUART FLA	27 11 23	080 13 51	02	81-05-08 81-05-29 81-08-29	2.49 0.54 1.77	-- -- --
271127080144701	38S41E4 M1090 IN LINCOLN PARK-STUART FLORIDA	27 11 27	080 14 47	01	81-06-26 81-07-29	-- --	10.62 10.47
271127080144702	38S41E M-1150 OBS WELL IN STUART FLA	27 11 27	080 14 47	02	81-08-28 81-05-08 81-05-30	2.44 1.46 1.66	-- -- --
271148080141201	38S41E3 M-1011 @ T-RD A1A-PALM BCH WAY STUART	27 11 48	080 14 12	01	81-08-29 81-06-26	2.63 --	-- 95.30
271148080141202	38S41E M-1157 OBS WELL IN STUART FLA	27 11 48	080 14 12	02	81-07-29 81-08-28 81-05-08 81-05-29 81-08-29	-- 2.34 0.88 1.20 2.56	-- -- -- -- --
271156080141201	38S41E4NE M-1158 OBS WELL IN STUART FLA	27 11 56	080 14 12	01	81-06-26 81-07-29	-- --	10.98 10.97
271202080132501	38S41E3NE M-1159 OBS WELL IN STUART FLA	27 12 02	080 13 25	01	81-08-28 81-05-29 81-07-29	2.53 2.00 --	-- -- 7.81
271322080143501	37S41E28 M-1030 SAL OBS WELL INKIO NR JEN BEACH	27 13 22	080 14 35	01	81-08-29 81-05-16	4.10 4.40	-- --
271358080160101	37S41E29 M-1058 OBS WELL NR NORTH STUART BAP CH	27 13 58	080 16 01	01	81-05-16	8.39	--
271441080162101	37S41E19 M-1047 OBS WELL AT JCT US1-707A STUART	27 14 41	080 16 21	01	81-05-16	7.83	--
OKEECHOBEE							
271110080414501	711041-- 38S36E02 ENRICO DIARY ON BERMAN ROAD	27 11 10	080 41 45	01	81-05-11 81-09-23	40.87 44.52	-- -10.35
271340080504001	713050--	27 13 40	080 50 40	01	81-05-11 81-09-23	44.82 48.17	-- -23.95
271411080461201	714046--	27 14 11	080 46 12	01	81-05-11	41.16	--
271438080571901	714057--	27 14 38	080 57 19	01	81-09-25 81-05-13	45.21 42.19	-16.55 --
271439080565301	714056 37S34E17	27 14 39	080 56 53	01	81-09-25 81-05-13 81-09-25	48.82 41.61 47.22	-15.93 -- -14.51
271514080511601	715051 37S35E17 OK 23 J ABNEY	27 15 14	080 51 16	01	81-05-11 81-09-23	40.14 43.08	-- -8.64
271640080571501	716057 37S34E05 PELAEZ AND SONS NK	27 16 40	080 57 15	01	81-05-14 81-09-25	37.72 49.15	-- -14.03

MISCELLANEOUS WATER LEVEL MEASUREMENTS
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STATION NUMBER	STATION NAME	LAT- 1- TUDE	LONG- 1- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
MARTIN							
271855080482501	718048-- 36S35E26 WILLIAMSON WELL SMI E FT DRUM	27 18 55	080 48 25	01	81-05-11	37.22	--
					81-09-23	42.45	--
271934080591301	71905901 36S33E24 CURTIS WALDON	27 19 34	080 59 13	01	81-05-19	41.95	--
272010080550601	72005501 36S34E15 DIXIE RANCH	27 20 10	080 55 08	01	81-05-11	41.54	--
					81-09-25	43.29	-1.75
272158080470901	721047-- 36S35E01 JONES WELL S DARK HAMMOCK RD	27 21 58	080 47 09	01	81-05-11	40.68	--
					81-09-23	44.98	17.00
272318080561901	72305601 35S34E33	27 23 18	080 56 19	01	81-05-12	41.21	--
					81-09-23	45.81	-1.85
272427080555301	72405501 35S34E21 FLYING B RANCH	27 24 27	080 55 53	01	81-05-12	41.03	--
					81-09-25	45.54	-0.58
272512081014001	725101--	27 25 12	081 01 40	01	81-05-20	39.94	--
					81-09-25	41.49	6.00
272701080575501	727057-- 35S34E06 BASS WELL S OF HWY-C727	27 27 01	080 57 55	01	81-05-20	39.26	--
					81-09-25	45.13	20.23
272704081053501	727105--	27 27 04	081 05 35	01	81-05-19	41.29	--
					81-09-28	43.66	11.04
272726081003901	727100-- 35S33E02 BASS WELL N OF BASSINGER	27 27 26	081 00 39	01	81-05-20	40.86	--
					81-09-25	45.76	12.36
272817080560301	728056-- 34S34E31 GRIFFITH RCH N OF C724	27 28 17	080 56 03	01	81-05-11	40.63	--
					81-09-24	45.90	18.00
272833080560301	72805601 34S34E33 GRIFFITH RANCH	27 28 33	080 56 03	01	81-05-11	40.70	--
					81-09-25	45.15	26.87
272852080595801	728059-- 34S33E26 1.2 MI NE OF BASINGER TOWER	27 28 52	080 59 58	01	81-05-11	41.36	--
					81-09-25	46.45	15.23
273043080440001	730044-- 34S36E21 WILLIAMSON S. OF 15C	27 30 43	080 44 00	01	81-05-12	37.07	--
					81-09-22	42.90	-9.73
273124081012401	731101-- 34S33E16 PEAVINE TRAIL 4 MI N OF C724	27 31 24	081 01 24	01	81-05-20	40.67	--
					81-09-25	45.59	19.96
273502080535501	735053-- 33S34E23 FITE WELL 3 MI S OF OSCEOLA	27 35 02	080 53 55	01	81-05-12	33.83	--
					81-09-22	38.25	29.98
273604080533501	736053-- 33S34E14 FITE WELL 2.5 MI S OF OSCEOL	27 36 04	080 53 35	01	81-05-12	31.24	--
					81-09-22	38.34	30.80
273740080535101	737053-- 33S34E11 FITE WELL NR OSCEOLA CO LINE	27 37 40	080 53 51	01	81-05-12	29.01	--
					81-09-22	39.07	30.93
273740080551201	737055 33S34E03 FORT DRUM NW	27 37 40	080 55 12	01	81-05-19	32.98	--
					81-09-28	38.07	27.36
ORANGE							
282051081183401	82011801 24S30E34 BOGGY CRK	28 20 51	081 18 34	01	81-05-11	43.30	31.40
					81-09-21	48.18	26.52
282141081241701	82112401 24S29E34 TELY	28 21 41	081 24 17	01	81-05-11	49.19	36.98
282141081241701	82112401 24S29E34 TELY	28 21 41	081 24 17	01	81-09-21	55.15	31.02
282145081365601	82113601 24S27E28 HARTZOG RD 4" BRITT GRO	28 21 45	081 36 56	01	81-05-12	97.69	12.31
					81-09-21	103.23	6.77
282241081112801	82211103 24S31E23 MOSS PARK	28 22 41	081 11 28	01	81-05-13	38.19	30.50
					81-09-23	43.06	25.63
282241081112802	82211104 24S31E23 MOSS PARK SHALLOW	28 22 41	081 11 28	02	81-05-13	56.74	12.31
282250081302101	82213001 24S28E22 CID OBSER. WELL NO. 3	28 22 50	081 30 21	01	81-05-11	81.40	25.01
					81-09-21	85.36	21.05
282331081370801	82313702 27416 E USGS WELL HARTZOG RD	28 23 31	081 37 08	01	81-05-12	91.26	13.74
					81-09-21	94.41	10.59
282354081313001	82313104 24S28E17 RCID OBSER. WELL NO. 1	28 23 54	081 31 30	01	81-05-11	83.21	26.94
					81-09-21	87.58	22.57
282434081260301	ORF-41	28 24 34	081 26 03	01	81-05-11	50.29	29.48
					81-09-21	56.78	22.99
282508081185802	82511802 24S30E09	28 25 08	081 18 58	02	81-05-11	43.11	42.23
					81-09-23	47.24	38.10
282543081385801	82513801 24S27E06 142 J H MATHIAS	28 25 43	081 38 58	01	81-05-17	92.44	13.56
					81-09-21	94.46	11.54
282545081240901	82512401 24S29E03	28 25 45	081 24 09	01	81-05-11	44.08	53.41
					81-09-21	49.68	47.81
282611081320501	82613201 28332 E USGS WELL SUNSET DRIVE	28 26 11	081 32 05	01	81-05-12	76.17	24.83
					81-09-21	81.42	19.58
282647081354801	282647081364801	28 26 41	081 36 48	01	81-05-12	90.50	17.14
					81-09-21	91.64	16.00
282649081262301	82612604 23S29E32 ORANGE COUNTY	28 26 49	081 26 23	01	81-05-11	48.28	40.20

MISCELLANEOUS WATER LEVEL MEASUREMENTS
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STATION NUMBER	STATION NAME	LAT- I- TUDE	LONG- I- TUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
ORANGE							
282709081283001	82712804 23S28E25 USGS WELL NR I-4 + 528A	28 27 09	081 28 30	01	81-09-21 81-05-11	55.57 59.44	32.91 74.56
282749081315801	82713101 23S28E29	28 27 49	081 31 58	01	81-09-21 81-05-12 81-09-22	65.19 72.66 79.91	68.81 34.87 27.62
282923081282801	82912802 23S28E13 IVEY'S NURSERY TURKEY LK RD	28 29 23	081 28 28	01	81-05-11 81-09-22	57.75 63.69	66.25 60.31
282936081340201	82913405 23S27E12 ROSS WELL ON LK BUTLER	28 29 36	081 34 02	01	81-05-12 81-09-22	73.76 78.50	38.16 33.42
282945081255001	82912501 23S29E08 ORANGE 39	28 29 45	081 25 50	01	81-05-11	44.03	49.19
283144081254201	83112504 22S29E32 O-174 LK MANN DRAIN WEL	28 31 44	081 25 42	01	81-05-11 81-09-21	46.41 51.26	47.84 42.99
OSCEOLA							
274307080582401	743058--	27 43 07	080 58 24	01	81-05-20	38.96	31.85
274307080582401	743058--	27 43 07	080 58 24	01	81-09-22	44.14	26.67
274500081040001	745104-- 31S33E30 ADAMS RANCH ON US441	27 45 00	081 04 00	01	81-05-20	40.27	30.73
274856080594401	74805902 31S33E20 HAYMAN WELL NR KENANSVILLE	27 48 56	080 59 44	01	81-05-14 81-09-22	37.91 42.63	33.83 29.11
275609081132001	75611301 29S31E28 OS-319 JOE OVERSTREET	27 56 09	081 13 20	01	81-05-14 81-09-23	41.94 47.17	17.15 11.92
275852081030501	TH-10 WILLIAMS RD	27 58 52	081 03 05	01	81-05-15 81-09-23	38.76 43.52	37.24 32.48
280054081103901	80011001 28S31E25 PADGETT	28 00 54	081 10 39	01	81-05-14 81-09-23	40.78 46.25	35.22 29.75
280820081213901	80812103 27S29E13 SO PORT PARK	28 08 20	081 21 39	01	81-05-13 81-09-24	48.12 52.95	11.67 6.84
280905081270101	80912701 27S29E06 REEDY CR OVERLOOK WELL NR SO	28 09 05	081 27 01	01	81-05-13 81-09-24	59.10 64.50	4.47 -0.93
281006081162601	80711601 27S30E01 CANOE CR CAMPGROUND	28 10 06	081 16 26	01	81-05-14 81-09-23	44.99 48.51	27.87 24.35
281146081211701	811121-- 26S30E30 WHALEY WELL NR KISSIMMEE PAR	28 11 46	081 21 17	01	81-05-14 81-09-23	47.11 52.14	30.93 25.90
281341081281301	OSF-28	28 13 41	081 28 13	01	81-09-25	63.59	13.60
281429081290501	81412901 26S28E11 OS-254	28 14 29	081 29 05	01	81-05-13 81-09-24	61.12 63.70	16.53 13.95
281440081150901	81411502 26S31E07 OS-129	28 14 40	081 15 09	01	81-09-24	46.08	28.68
281443081140501	81411406 26S31E08 OS-250	28 14 43	081 14 05	01	81-05-14 81-09-24	41.75 46.57	33.04 28.22
281456081161101	81411601 26S30E01 CITY ST CLOUD 10TH & OREGON	28 14 56	081 16 11	01	81-09-24	46.42	29.67
281456081171701	814117-- 26S36E02 CITY ST. CLOUD UNUSED WELL	28 14 56	081 17 17	01	81-05-12 81-09-21	41.66 46.58	31.46 26.54
281536081324801	815132-- 25S28E31 FPC SRK01	28 15 36	081 32 48	01	81-05-12 81-09-23	74.12 77.27	-1.46 -4.61
281559081260701	815126-- 25S29E32 SHINGLE CRAFT 531A	28 15 59	081 26 07	01	81-05-12 81-09-23	56.40 61.51	3.58 -1.53
281653081221101	816122 25S29E25 OS-75	28 16 53	081 22 11	01	81-05-14 81-09-23	46.92 52.69	25.05 19.28
281719081134001	81711301 25S31E28 SOUTH EAGLE RD E. NARCOOSSEE	28 17 19	081 13 40	01	81-05-14 81-09-24	39.54 41.70	38.46 36.30
281802081351601	81813502	28 18 02	081 35 16	01	81-05-13 81-09-23	88.26 90.89	21.88 19.25
281802081352501	81813501 25S27E14 USGS WELL SH545 2.1MI S US192	28 18 02	081 35 25	01	81-05-13 81-09-23	91.15 93.88	11.52 --
281931081280301	81912804 24S28E12 KOA CAMP ON US192 NR KISSIMMEE	28 19 31	081 28 03	01	81-05-13	61.58	19.15
281931081280301	81912804 24S28E12 KOA CAMP ON US192 NR KISSIMMEE	28 19 31	081 28 03	01	81-09-23	64.64	16.09
281937081245901	81912401 25S29E09 OS U.L	28 19 37	081 24 59	01	81-05-12 81-09-23	48.57 55.73	39.15 31.99
282000081344801	82013401 25S27E02 USGS WELL NR REEDY CR + US192	28 20 00	081 34 48	01	81-05-12 81-09-23	87.43 91.21	-9.52 -13.29
282051081133201	82011301 25S31E04 LAKE AJAY VILLAGE WELL SH15	28 20 51	081 13 32	01	81-05-13 81-09-24	39.76 44.70	21.81 16.87

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STATION NUMBER	STATION NAME	LAT-I-TUDE	LONG-I-TUDE	SEQ. NO.	DATE OF MEAS	ELEVATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
PALM BEACH							
261950080074301	PB-1063	26 19 50	080 07 43	01	80-10-27	7.74	--
					81-03-20	7.30	--
					81-05-07	6.68	--
262114080054002	PB-500	26 21 14	080 05 40	02	80-10-28	2.73	--
					81-03-20	2.12	--
262117080055001	47S43E19 PB-490 BOCA RATON FL	26 21 17	080 05 50	01	81-05-07	1.61	--
					80-10-27	1.01	--
					81-03-20	1.00	--
262117080055002	PB-498	26 21 17	080 05 50	02	81-05-06	0.65	--
					80-10-27	1.19	--
262120080052401	PB-499	26 21 20	080 05 24	01	81-03-20	0.71	--
					81-05-06	0.99	--
					80-10-28	1.18	--
					81-03-20	0.52	--
					81-05-06	1.05	--
262120080053201	47S43E19 PB-492	26 21 20	080 05 32	01	81-03-20	0.81	--
262130080055401	47S43E19 PB-567	26 21 30	080 05 54	01	80-10-29	0.63	--
					81-03-18	-0.63	--
					81-05-06	0.30	--
262132080053401	PB-449	26 21 32	080 05 34	01	81-03-18	0.43	--
262200080050701	PB-494	26 22 00	080 05 07	01	81-05-06	-0.78	--
					80-10-28	7.18	--
					81-03-18	1.74	--
					81-05-06	0.63	--
262202080052001	PB-470	26 22 02	080 05 20	01	80-10-28	3.39	--
					81-03-18	2.38	--
					81-05-06	1.62	--
262225080055001	PB-540	26 22 25	080 05 50	01	80-10-29	0.59	--
					81-03-18	0.48	--
					81-05-06	-1.06	--
262247080044001	PB-458	26 22 47	080 04 40	01	80-10-29	3.65	--
262247080044001	PB-458	26 22 47	080 04 40	01	81-03-18	3.00	--
					81-05-06	2.14	--
262251080052801	PB-447	26 22 51	080 05 28	01	80-10-29	-1.36	--
					81-03-18	-1.47	--
					81-05-06	-3.19	--
262255080055301	PB-541	26 22 55	080 05 53	01	81-03-18	1.30	--
					81-05-06	0.01	--
262258080062901	47S42E12 PB-1074	26 22 58	080 06 29	01	80-10-29	3.66	--
					81-03-18	4.80	--
					81-05-06	3.92	--
262311080071801	47S42E11 PB-1079	26 23 11	080 07 18	01	80-10-29	8.44	--
					81-03-18	7.84	--
262435080042901	PB-895	26 24 35	080 04 29	01	80-10-17	2.36	--
					81-01-20	2.13	--
					81-03-17	2.58	--
262435080042902	PB-896	26 24 35	080 04 29	02	81-04-29	1.84	--
					81-07-28	2.53	--
					80-10-17	2.69	--
					81-01-20	1.68	--
					81-03-17	0.97	11.18
					81-04-29	0.96	--
					81-05-06	1.82	--
					81-07-28	2.58	--
262435080042903	46S43E32 PB-947 HIGHLAND BEACH WATER PLANT BOCA	26 24 35	080 04 29	03	81-03-17	2.88	--
					81-04-29	1.22	--
					81-05-06	1.63	--
					81-07-28	2.56	--
262435080042904	46S43E32 PB-948 HIGHLAND BEACH WATER PLANT BOCA	26 24 35	080 04 29	04	80-10-17	2.70	--
					81-01-20	2.61	--
					81-03-17	2.83	12.55
					81-04-29	1.44	--
					81-07-28	2.36	--
262435080043001	T47S43E32DDC PB1151 SAL WELL AT HIGHLAND BCH FL	26 24 35	080 04 30	01	80-10-17	3.17	--
					81-01-20	2.98	--
					81-03-17	3.08	10.20
					81-05-06	2.34	--
					81-07-28	2.76	--
262436080042801	PB-897	26 24 36	080 04 28	01	80-10-17	1.96	--
					81-01-20	1.85	--
					81-03-17	2.02	--

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STATION NUMBER	STATION NAME	LAT- ITUDE	LONG- ITUDE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
PALM BEACH							
262436080042801	PB-897	26 24 36	080 04 28	01	81-04-29	1.48	--
					81-05-06	1.75	--
					81-07-28	1.81	--
262436080042802	46S43E32 PB-1006 HIGHLAND BCH. PROJECT	26 24 36	080 04 28	02	80-10-17	1.94	--
					81-01-20	1.83	--
					81-03-17	1.98	--
					81-04-29	1.47	--
					81-05-06	1.75	--
265148080032001	PB-1017	26 51 48	080 03 20	01	81-07-28	1.80	--
					80-10-09	2.08	--
					81-04-29	1.07	--
265152080032001	41S43E33 PB-704	26 51 52	080 03 20	01	81-05-13	1.33	--
					80-10-09	1.94	--
					81-04-29	0.88	--
					81-05-13	1.14	--
265153080031401	PB-921	26 51 53	080 03 14	01	81-03-16	0.02	19.84
					81-05-13	-0.30	--
265156080032401	41S43E33 PB-705	26 51 56	080 03 24	01	80-10-09	1.41	--
					81-04-29	0.40	--
					81-05-13	0.61	--
265200080032001	41S43E28 PB-702	26 52 00	080 03 20	01	80-10-09	1.63	--
					81-04-29	0.68	--
					81-05-13	0.89	--
265204080031901	41S43E28 PB-701	26 52 04	080 03 19	01	80-10-09	1.80	--
					81-04-29	0.85	--
					81-05-13	1.06	--
265209080032301	PB-922	26 52 09	080 03 23	01	81-03-16	1.72	3.09
					81-05-13	1.29	--
265209080034301	41S43E28 PB-706	26 52 09	080 03 43	01	80-10-09	1.60	--
					81-04-29	0.74	--
					81-05-13	1.17	--
265212080031901	41S43E28 PB-703	26 52 12	080 03 19	01	80-10-09	1.97	--
					81-04-29	1.05	--
					81-05-13	1.25	--
265212080032701	41S43E28 PB-707	26 52 12	080 03 27	01	80-10-09	1.69	--
					81-04-29	0.86	--
					81-05-13	1.20	--
265215080031301	41S43E28 PB-710	26 52 15	080 03 13	01	80-10-09	2.18	--
					81-04-29	1.32	--
					81-05-13	1.57	--
265227080031801	PB-1018	26 52 27	080 03 18	01	80-10-09	2.07	--
					81-04-29	0.77	--
					81-05-13	1.08	--
265258080032501	PB-1019	26 52 58	080 03 25	01	80-10-09	2.18	--
					81-04-29	1.52	--
					81-05-13	1.88	--
265322080033201	41S43E21 PB-848	26 53 22	080 03 32	01	81-04-29	-0.10	--
					81-05-13	0.14	--
POLK							
273903081185201	73911801 33S30E06 USAF AVON PARK #1	27 39 11	081 21 08	01	81-09-22	74.19	--
273924081213601	73912102 32S30E30 AVON PARK PRISON	27 39 24	081 21 36	01	81-05-20	64.25	-2.70
					81-09-22	75.05	-13.50
273954081230601	73912301 32S30E30 USAF AVON PARK #3	27 39 54	081 23 06	01	81-09-22	76.64	--
273959081215601	73912101 32S30E30 USAF AVON PARK #2	27 39 59	081 21 56	01	81-05-20	65.04	-4.60
					81-09-22	76.64	--
274553081115601	745111-- 31S31E23 RIVER RANCH PUBLIC SUPPLY	27 45 53	081 11 56	01	81-05-20	39.45	16.05
					81-09-21	44.30	11.20
274746081202201	747120-- 31S30E08 INDIAN LK ESTATES GOLF COURSE	27 47 46	081 20 22	01	81-09-22	61.61	38.75
275137081252501	751125-- 30S29E21 E. LK. WALES UTILITY	27 51 37	081 25 25	01	81-05-20	71.78	-4.90
					81-09-22	80.28	-13.40
275622081252301	756125 29S29E28 L. ROSALIE NW	27 56 22	081 25 23	01	81-05-19	53.83	7.21
					81-09-21	59.35	1.69
275634081211801	756121-- 29S30E19 KISS STPK NR LK KISSIMMEE	27 56 34	081 21 18	01	81-05-19	50.73	5.65
					81-09-21	55.87	0.51
280153081274101	801127-- 28S29E19 LK HATCHI NR MAINES CITY	28 01 53	081 27 41	01	81-05-19	63.49	-8.40
					81-09-21	68.39	13.30
280558081314801	805131-- 27S28E29 KIMBELL WELL NR LK MARION	28 05 58	081 31 48	01	81-09-21	71.29	2.60

MISCELLANEOUS WATER LEVEL MEASUREMENTS
OCTOBER 1980 TO SEPTEMBER 1981

231
DEPTH
BELOW
LAND
SURFACE
(WATER
LEVEL)
(FEET)

STATION NUMBER	STATION NAME	LAT- 1- TUBE	LONG- 1- TUBE	SEQ. NO.	DATE OF MEAS	ELEV- ATION (FT. NGVD)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)
ST LUCIE							
271311080281101	37S39E31 STL- 225 R B C GROVES INDIAN TOWN NW G	27 13 11	080 28 11	01	81-05-12	46.07	--
					81-09-24	50.06	--
271425080371701	SLF-41 BLUEFIELD RANCH	27 14 25	080 37 17	01	81-05-19	40.76	1.95
272014080341801	36S38E18 STL- 220 SUNSWEET OKEECHOBEE 1 SE G	27 20 14	080 34 18	01	81-05-12	37.52	--
					81-09-22	41.50	--
272028080163501	SLF-28 CASTLOW WELL	27 20 28	080 16 35	01	81-09-21	40.13	-10.25
272322080304901	35S38E35 STL- 229 BLUE 2 GROVE OKEECHOBEE 1 NE	27 23 22	080 30 49	01	81-05-12	34.88	--
					81-09-21	40.31	--
272323080183901	35S40E35 STL- 228 SAVANNAHS PK FORT PIERCE G	27 23 23	080 18 39	01	81-05-11	32.93	--
272323080183901	35S40E35 STL- 228 SAVANNAHS PK FORT PIERCE G	27 23 23	080 18 39	01	81-09-21	36.94	--
272503080295701	SLF-40	27 25 03	080 29 57	01	81-05-11	36.09	--
					81-09-21	41.00	-19.00
272537080240901	35S39E14 STL- 224 AG EXP STA FORT PIERCE NW G	27 25 37	080 24 09	01	81-05-11	31.85	--
					81-09-21	36.73	--
272604080404001	35S37E18 STL- 223 COW CREEK RH OKEECHOBEE 1 NW G	27 26 04	080 40 40	01	81-05-12	39.39	--
					81-09-22	43.78	--
272618080192801	35S40E15NWNWNE SL-190 FORT PIR SALINITY WELL	27 26 18	080 19 28	01	81-05-16	--	8.55
272650080265001	35S37E12 STL- 217 ADAMS RANCH OKEECHOBEE 1 NE	27 26 50	080 35 28	01	81-09-24	41.11	--
272703080194801	35S40E10SENWNW SL-191 FORT PIR SALINITY WELL	27 27 03	080 19 48	01	81-05-16	--	3.70
272806080201801	35S40E4NENWNE SL-192 FORT PIR SALINITY WELL	27 28 06	080 20 18	01	81-05-16	--	16.40
272823080290201	34S38E36 STL- 216 ORANGE CO FORT PIERCE NW G	27 28 23	080 29 02	01	81-05-11	38.03	--
					81-09-21	41.98	--
272927080261601	34S39E21 STL- 215 MARNEZ GRVES FORT PIERCE NW	27 29 57	080 26 16	01	81-09-22	40.78	--
273212080351101	34S37E12 STL- 218 GREEN RANCH FELLSMERE 4 SE G	27 32 12	080 35 11	01	81-05-11	36.49	--

GROUND WATER QUALITY RECORDS

Temperature, Conductance and Chloride Data

Data in this section include the following parameters:

Depth below land surface
Specific conductance
Temperature
Chloride, dissolved

The following remarks codes may appear with the data in this section:

E Estimated value
< Actual value is known to be less than the value shown
> Actual value is known to be greater than the value shown
M Presence of material verified but not quantified
N Presumptive evidence of presence of material
ND Material specifically analyzed for but not detected
K Results based on colony count outside the acceptance range (non-ideal colony count)

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
------	--	--	--	--	------	--	--	--	--

BROWARD COUNTY

255722080245501 - G-2317 (LAT 25 57 22 LONG 080 24 55)

JUN , 1981				JUN , 1981					
08...	--	670	--	99	09...	--	705	--	96
08...	--	725	--	100	09...	--	660	--	72
08...	--	725	--	96	09...	--	675	--	68
08...	--	650	29.0	100	09...	--	710	--	74
09...	--	755	--	96					
09...	--	715	--	94					

255724080203601 - G-2318 (LAT 25 57 24 LONG 080 20 36)

JUN , 1981				JUN , 1981					
09...	--	672	--	68	10...	--	700	--	76
09...	--	685	25.5	64	10...	--	925	--	108
09...	--	645	--	50	10...	--	948	--	114
09...	--	585	--	36	10...	--	948	--	114
09...	--	605	--	48	10...	--	948	30.0	100
10...	--	615	--	56	10...	--	940	--	116
10...	--	630	--	54	10...	--	880	--	108
10...	--	631	--	58	10...	--	905	--	108
10...	--	640	--	42	10...	--	890	--	114
10...	--	650	26.5	35	11...	--	890	30.0	100
10...	--	525	--	44					

255732080325601 - G-2316 (LAT 25 57 32 LONG 080 32 56)

JUN , 1981				JUN , 1981					
05...	--	755	--	88	05...	--	1010	--	96
05...	--	730	25.0	73	05...	--	995	--	92
05...	--	635	21.0	74	05...	--	1095	--	118
05...	--	635	--	76	05...	--	1120	27.0	110
05...	--	655	--	--	08...	--	1320	--	185
05...	--	650	--	68	08...	--	2210	--	425
05...	--	850	--	80	08...	--	2760	--	625
05...	--	920	27.0	66	08...	--	3020	--	725
05...	--	855	--	75	08...	--	3090	--	750
05...	--	940	--	86	08...	--	2880	29.0	680
05...	--	1025	--	96					

255829080144801 - G-2327 (LAT 25 58 29 LONG 080 14 48)

JUL , 1981				JUL , 1981					
06...	--	--	--	20	07...	--	2100	--	440
06...	--	>238	--	18	07...	--	2250	--	495
06...	--	230	--	12	07...	--	2500	--	550
06...	--	210	--	10	07...	--	2400	--	530
06...	--	415	--	20	07...	--	2650	--	550
06...	--	290	--	14	07...	--	2550	--	600
06...	--	310	--	16	07...	--	2600	--	600
06...	--	375	--	20	07...	--	2620	--	600
06...	--	320	--	12	07...	--	2650	--	600
06...	--	340	--	16	07...	--	2700	--	600
06...	--	370	--	11	07...	--	2640	--	570
06...	--	405	--	16	07...	--	2800	--	650
06...	--	1600	--	290	07...	--	2975	--	700
06...	--	1630	--	300	07...	--	>3580	--	900
07...	--	1700	--	315	07...	--	E3250	--	810
07...	--	720	--	112					

255845080095301 - 51S42E28 G-1549 USGS OBS WELL AT HALLNDL, FL (LAT 25 58 45 LONG 080 09 53)

SEP , 1981				
28...	2.54	520	--	28

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
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BROWARD COUNTY

255958080522201 - 6-2346 (LAT 25 59 58 LONG 080 52 22)

AUG , 1981				AUG , 1981					
05...	--	550	--	34	05...	--	1645	--	240
05...	--	1010	--	118	05...	--	1650	--	245
05...	--	1675	--	240	05...	--	1610	--	240
05...	--	1660	--	240	05...	--	1625	--	240
05...	--	1690	--	240	06...	--	1550	--	240
05...	--	1600	--	235	06...	--	1615	--	235
05...	--	1625	--	245	06...	--	1600	--	240
05...	--	1670	--	245					
05...	--	1650	--	250					

260027080110103 - G-2038A WALLER WELL (LAT 26 00 27 LONG 080 11 01)

JUL , 1981				
29...	--	580	--	30

260032080135702 - 51S41E15 62160 #1 (LAT 26 00 32 LONG 080 13 57)

JUL , 1981				
30...	--	400	29.5	17

260035080101501 - 51S42E17 G-1597 USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 00 35 LONG 080 10 15)

OCT , 1980					APR , 1981				
10...	3.55	1750	--	405	21...	4.86	1600	--	450
JAN , 1981					JUL				
12...	4.27	1650	24.0	412	24...	3.58	1550	--	385
MAR									
18...	--	1650	--	465					

260035080102601 - 51S42E17 G-2073A USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 00 35 LONG 080 10 26)

OCT , 1980					APR , 1981				
10...	3.74	580	--	64	21...	4.95	560	--	42
JAN , 1981					JUL				
12...	4.47	560	24.0	50	24...	3.78	520	--	34
MAR									
18...	--	560	--	40					

260035080102602 - 51S42E17 G-2073 USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 00 35 LONG 080 10 26)

OCT , 1980					APR , 1981				
10...	3.42	780	--	112	21...	4.69	780	--	92
JAN , 1981					JUL				
12...	4.15	810	24.0	96	24...	3.54	720	--	106
MAR									
18...	--	720	--	104					

260045080102201 - 51S42E17 G-2000 USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 00 45 LONG 080 10 22)

OCT , 1980					APR , 1981				
10...	4.72	2900	--	750	21...	7.02	2550	--	800
JAN , 1981					JUL				
12...	5.45	2650	24.0	750	24...	4.85	2550	--	750
MAR									
18...	--	2700	--	750					

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
BROWARD COUNTY									
260045080103401 - 51S42E17 G-2040 USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 00 45 LONG 080 10 34)									
OCT , 1980					APR , 1981				
10...	3.90	830	--	116	21...	5.08	690	--	78
FEB , 1981					JUL				
03...	4.90	800	26.0	48	24...	3.90	730	--	84
MAR									
19...	--	690	--	62					
260053080102301 - 51S42E17 G-1548 USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 00 53 LONG 080 10 23)									
OCT , 1980					APR , 1981				
10...	4.45	2350	--	650	21...	5.70	2350	--	700
JAN , 1981					JUL				
12...	5.15	2350	24.0	622	24...	4.57	2250	--	650
MAR									
19...	--	2300	--	600					
260054080103301 - 51S42E17 G-1240 USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 00 54 LONG 080 10 33)									
OCT , 1980					APR , 1981				
10...	4.33	1220	--	300	21...	5.66	1160	--	245
FEB , 1981					JUL				
03...	--	--	26.0	--	24...	4.41	170	--	18
MAR									
19...	--	1160	--	238					
260111080101401 - 51S42E08 G-2176A USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 01 11 LONG 080 10 14)									
OCT , 1980					APR , 1981				
10...	5.04	690	--	42	21...	6.37	600	--	26
JAN , 1981					JUL				
12...	5.78	650	25.0	30	24...	5.24	580	--	30
MAR									
19...	--	620	--	30					
260111080101402 - 51S42E08 G-2176 USGS OBS WELL AT HOLLYWOOD, FL (LAT 26 01 11 LONG 080 10 14)									
OCT , 1980					APR , 1981				
10...	5.06	1090	--	195	21...	6.37	1000	--	186
JAN , 1981					JUL				
12...	5.80	990	24.5	174	24...	5.23	980	--	184
MAR									
19...	--	1010	--	190					
260311080120402 - 50S41E36 G-2270 USGS OBS WELL NR FT LAUD, FL (LAT 26 03 11 LONG 080 12 04)									
JUL , 1981									
29...	--	640	--	64					
260315080121502 - 50S41E36 G-2268 (LAT 26 03 15 LONG 080 12 15)									
OCT , 1980					MAR , 1981				
15...	1.25	180	--	17	21...	--	570	--	20

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLU- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLU- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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BROWARD COUNTY

260335080263701 -

G-2311 (LAT 26 03 35 LONG 080 26 37)

MAY , 1981					MAY , 1981				
26...	--	900	25.5	110	26...	--	3090	--	740
26...	--	900	--	95	26...	--	3090	26.0	740
26...	--	830	--	105	26...	--	3290	--	770
26...	--	800	--	103	27...	--	3300	--	810
26...	--	805	23.7	100	27...	--	3560	--	870
26...	--	840	--	103	27...	--	3800	--	930
26...	--	816	--	103	27...	--	3700	26.0	920
26...	--	1222	--	213	27...	--	3710	--	--
26...	--	1225	--	--	27...	--	3710	--	940
26...	--	2800	25.5	660	27...	--	3750	--	930
26...	--	2790	--	566	27...	--	3700	26.0	910
26...	--	1310	--	233	27...	--	3710	--	--
26...	--	2800	--	680					
26...	--	2940	--	720					

260342080115902 - 50S4E231 G-2264 USGS OBS WELL NR FT LAUD, FL (LAT 26 03 42 LONG 080 11 59)

OCT , 1980					MAR , 1981				
15...	0.84	520	26.0	42	21...	--	560	--	38

260406080120401 - 50S4E25 S- 830 USGS OBS WELL NR DANIA, FL (LAT 26 04 06 LONG 080 12 04)

OCT , 1980				
15...	2.99	10080	--	3450

260521080122401 - 50S4E24 G-2125 USGS OBS WELL NR FT LAUD, FL (LAT 26 05 21 LONG 080 12 24)

OCT , 1980					APR , 1981				
21...	3.01	630	25.0	40	22...	5.10	620	--	36
DEC					AUG				
17...	4.05	580	25.0	34	21...	2.59	640	--	40
MAR , 1981									
19...	--	640	--	38					

260525080123901 - 50S4E24 G-2121 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 25 LONG 080 12 39)

OCT , 1980					MAR , 1981				
21...	2.49	1140	25.0	236	19...	--	970	--	196
DEC					APR				
18...	3.50	485	23.5	72	22...	4.52	1200	--	260
FEB , 1981					AUG				
17...	3.45	1230	25.0	265	21...	2.01	1270	--	258

260527080123801 - 50S4E24 G-1344 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 27 LONG 080 12 38)

OCT , 1980					APR , 1981				
21...	3.09	1400	25.0	605	22...	5.21	1360	--	270
DEC					AUG				
18...	4.16	1390	24.0	266	21...	2.68	1370	--	268

260528080122301 - 50S4E13 G-2123 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 28 LONG 080 12 23)

OCT , 1980					AUG , 1981				
21...	4.82	620	25.0	68	21...	4.22	600	--	52
DEC									
18...	5.98	590	24.5	52					

260528080122302 - 50S4E13 G-2124 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 28 LONG 080 12 23)

OCT , 1980					AUG , 1981				
21...	4.55	400	27.0	22	21...	4.60	205	--	28

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
BROWARD COUNTY									
260529080115801 - 50S42E18 G-2128 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 29 LONG 080 11 58)									
OCT , 1980					MAR , 1981				
21...	4.14	650	26.0	110	19...	--	670	--	74
DEC					APR				
18...	5.20	680	25.5	80	22...	6.25	700	--	68
FEB , 1981					AUG				
17...	5.27	670	26.0	76	21...	--	640	--	66
260529080115802 - 50S42E18 G-2127 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 29 LONG 080 11 58)									
OCT , 1980					MAR , 1981				
21...	3.85	410	25.5	22	19...	--	415	--	18
DEC					APR				
18...	5.19	330	25.0	18	22...	6.28	420	--	16
FEB , 1981					AUG				
17...	5.24	420	25.0	18	21...	4.49	405	--	18
260530080112101 - 50S42E18 G-2130 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 30 LONG 080 11 21)									
OCT , 1980					MAR , 1981				
21...	5.01	520	26.5	40	19...	--	520	--	26
DEC					APR				
18...	6.05	520	25.5	28	22...	6.65	540	--	30
FEB , 1981					AUG				
17...	5.97	530	26.0	28	21...	4.92	550	--	30
260532080503601 - G-2338 (LAT 26 05 32 LONG 080 50 36)									
JUL , 1981					JUL , 1981				
15...	--	450	--	48	15...	--	1525	--	195
15...	--	610	--	58	15...	--	1525	--	195
15...	--	1280	--	175	15...	--	1550	--	195
15...	--	1530	--	190	15...	--	1600	--	200
15...	--	1540	--	195	15...	--	1600	--	202
15...	--	1540	--	200					
15...	--	1525	--	195					
260532080503602 - G-2339 (LAT 26 05 32 LONG 080 50 36)									
SEP , 1981									
24...	--	625	--	52					
260533080121001 - 50S41E13 G-2126 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 33 LONG 080 12 10)									
OCT , 1980					MAR , 1981				
21...	3.29	370	26.0	40	19...	--	365	--	14
DEC					APR				
18...	6.60	355	25.0	14	22...	7.79	360	--	12
FEB , 1981									
17...	6.88	325	26.0	14					
260533080123701 - 50S41E13 G-2122 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 33 LONG 080 12 37)									
OCT , 1980					MAR , 1981				
21...	4.37	590	25.0	40	19...	--	520	--	32
DEC					APR				
18...	5.54	495	24.0	34	22...	6.71	520	--	34
FEB , 1981					AUG				
17...	5.62	520	25.0	28	21...	3.94	345	--	22
260534080112101 - 50S42E18 G-2129 USGS OBS WELL AT FT LAUD, FL (LAT 26 05 34 LONG 080 11 21)									
OCT , 1980					MAR , 1981				
21...	2.42	215	27.0	19	19...	--	285	--	12
DEC					APR				
18...	3.40	295	25.0	10	22...	4.07	310	--	16
FEB , 1981					AUG				
17...	3.33	265	26.0	12	21...	2.25	225	--	12

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL (00940)
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BROWARD COUNTY

260617080161201 - G-2322 (LAT 26 06 17 LONG 080 16 12)

JUN , 1981				JUN , 1981					
22...	--	>840	--	148	23...	--	1120	--	174
22...	--	905	--	128	23...	--	1180	--	200
22...	--	790	--	96	23...	--	1290	--	230
22...	--	855	--	110	23...	--	1090	--	170
22...	--	750	--	88	23...	--	1520	--	335
22...	--	765	--	92	23...	--	1780	--	352
22...	--	770	--	99	23...	--	1700	--	320
22...	--	805	--	97	23...	--	1730	--	335
22...	--	738	--	85	23...	--	1670	--	320
22...	--	740	--	80	23...	--	1680	--	330
22...	--	710	--	76	23...	--	1380	--	240
22...	--	742	--	83	23...	--	>1450	--	302
22...	--	750	--	77	23...	--	1630	--	315
23...	--	740	--	87					
23...	--	1110	--	170					

260641080123501 - G-2345 (LAT 26 06 41 LONG 080 12 35)

JUL , 1981				JUL , 1981					
30...	--	515	--	44	30...	--	1850	--	370
30...	--	580	--	35	30...	--	2175	--	485
30...	--	590	--	30	30...	--	2275	--	500
30...	--	610	--	30	30...	--	2400	--	600
30...	--	610	--	30	30...	--	2560	--	620
30...	--	630	--	30	30...	--	2370	--	520
30...	--	580	--	30	30...	--	2340	--	530
30...	--	590	--	30	31...	--	2425	--	600
30...	--	595	--	32	31...	--	2375	--	600
30...	--	630	--	36	31...	--	2600	--	650
30...	--	650	--	31	31...	--	2450	--	600
30...	--	650	--	28	31...	--	2300	--	550
30...	--	615	--	34	31...	--	1900	--	400
30...	--	630	--	36	31...	--	2275	--	525
30...	--	615	--	34	31...	--	2585	--	625
30...	--	890	--	80	31...	--	2725	--	650
30...	--	1065	--	122	31...	--	3230	--	850
30...	--	1030	--	120	31...	--	3600	--	1000
30...	--	1050	--	110	31...	--	3400	--	870
30...	--	1050	--	110					
30...	--	1775	--	335					

260641080123501 - G-2345 (LAT 26 06 41 LONG 080 12 35)

SEP , 1981
30... -- 6900 -- 2000

260645080124201 - 50S41E12 G- 515 USGS OBS WELL AT FT LAUD, FL (LAT 26 06 45 LONG 080 12 42)

OCT , 1980				AUG , 1981					
21...	7.75	2900	26.0	900	21...	--	2850	--	900
DEC									
18...	8.88	--	--	--					

260742080220001 - G-2321 (LAT 26 07 42 LONG 080 22 00)

JUN , 1981				JUN , 1981					
17...	--	790	--	122	18...	--	1120	--	130
17...	--	830	--	132	18...	--	1140	--	135
17...	--	785	--	120	18...	--	1140	--	135
17...	--	760	--	118	18...	--	1160	--	145
17...	--	760	--	122	18...	--	>1140	--	145
17...	--	760	--	116	18...	--	>1155	--	140
18...	--	750	--	120	18...	--	>1405	--	195
18...	--	730	--	118	18...	--	1560	--	220
18...	--	769	--	120	18...	--	>1560	--	235
18...	--	850	--	96	18...	--	>1520	--	215
18...	--	965	--	98	19...	--	>1750	--	255
18...	--	990	--	106	19...	--	>1880	--	285
18...	--	1080	--	125	19...	--	>1800	--	270
18...	--	1100	--	100	19...	--	>1840	--	275
18...	--	1090	--	125	19...	--	E1700	--	270
18...	--	1100	--	125					
18...	--	1085	--	135					

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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BROWARD COUNTY

260753080113901 - 50542E06 G-1343 USGS OBS WELL AT FT LAUD, FL (LAT 26 07 53 LONG 080 11 39)

OCT , 1980					MAR , 1981				
21...	3.13	730	25.5	72	19...	--	720	--	66
DEC					APR				
18...	4.31	710	24.5	64	22...	6.36	730	--	64
FEB , 1981					AUG				
17...	4.33	680	25.0	66	21...	2.65	730	--	68

260843080283901 - G-2319 (LAT 26 08 43 LONG 080 28 39)

JUN , 1981					JUN , 1981				
11...	--	950	--	112	12...	--	2550	--	450
12...	--	1020	--	106	12...	--	2750	--	550
12...	--	1070	26.2	110	12...	--	3100	--	600
12...	--	1020	--	112	12...	--	2750	27.0	570
12...	--	880	--	76	12...	--	3200	--	700
12...	--	750	--	86	12...	--	3300	--	725
12...	--	1160	--	140	12...	--	3200	--	700
12...	--	1320	--	185	12...	--	3400	--	750
12...	--	1760	--	212	15...	--	3300	--	700
12...	--	1925	--	360	15...	--	3400	27.0	720
12...	--	2100	27.5	360					
12...	--	2340	--	400					

260844080415901 - G-2330 (LAT 26 08 44 LONG 080 41 59)

JUL , 1981					JUL , 1981				
13...	--	795	--	58	14...	--	1950	--	310
13...	--	640	--	62	14...	--	1950	--	315
13...	--	850	--	80	14...	--	2050	--	327
13...	--	855	--	64	14...	--	2100	--	355
13...	--	1700	--	275	14...	--	2250	--	350
14...	--	1800	--	275	14...	--	2225	--	370
14...	--	1750	--	270	14...	--	2325	--	400
14...	--	1600	--	275	14...	--	2375	--	400
14...	--	1850	--	290	14...	--	2300	--	400
14...	--	1875	--	290	14...	--	2350	--	450
14...	--	1950	--	310					

260846080354201 - G-2320 (LAT 26 08 46 LONG 080 35 42)

JUN , 1981					JUN , 1981				
15...	--	850	--	52	16...	--	2000	--	315
15...	--	990	--	58	16...	--	2000	--	345
15...	--	810	--	60	16...	--	2300	--	450
15...	--	810	--	62	16...	--	2500	--	500
15...	--	950	--	70	16...	--	2700	--	550
15...	--	1280	--	155	16...	--	2620	--	520
15...	--	1280	--	153	16...	--	2680	--	550
15...	--	1230	--	125	16...	--	2630	--	550
15...	--	1330	--	140	16...	--	2540	--	500
16...	--	1240	--	127	16...	--	2510	--	500
16...	--	1420	--	175	16...	--	2240	--	450
16...	--	1530	--	225	16...	--	2750	--	520
16...	--	1920	25.0	290					

261014080512201 - G-2329 (LAT 26 10 14 LONG 080 51 22)

JUL , 1981					JUL , 1981				
10...	--	>980	--	132	10...	--	1210	--	132
10...	--	1140	--	135	10...	--	1210	--	145
10...	--	1135	--	125	10...	--	1250	--	140
10...	--	1130	--	120	10...	--	1240	--	145
10...	--	1160	--	120	13...	--	1279	--	150
10...	--	1130	--	127	13...	--	1240	--	142
10...	--	1120	--	125					

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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BROWARD COUNTY

261016080492601 - 50535E03 G -2296 USGS EVERGLADES 3 NE 6 (LAT 26 10 16 LONG 080 49 26)

<p>OCT , 1980</p> <p>18... -- 4600 26.5 1200</p> <p>MAR , 1981</p> <p>03... -- 13500 25.1 4600</p> <p>03... -- 50000 24.7 19500</p> <p>06... -- 3120 26.0 800</p> <p>07... -- 6050 25.9 1800</p> <p>08... -- 3150 26.2 800</p>	<p>MAR , 1981</p> <p>08... -- 10450 26.0 3000</p> <p>09... -- 3325 26.2 850</p> <p>09... -- 8900 26.1 2800</p> <p>APR</p> <p>01... -- 29000 26.0 11000</p> <p>08... -- 50000 -- 19350</p>
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261100080140402 - 49S42E15 G-1212A USGS OBS WELL AT FT LAUD, FL (LAT 26 11 00 LONG 080 14 04)

<p>OCT , 1980</p> <p>22... 4.89 630 26.0 36</p> <p>DEC</p> <p>30... 4.77 580 25.5 24</p> <p>FEB , 1981</p> <p>18... 5.28 610 26.0 24</p>	<p>MAR , 1981</p> <p>20... -- 590 -- 24</p> <p>APR</p> <p>23... 6.13 580 -- 24</p> <p>AUG</p> <p>24... 3.36 610 -- 26</p>
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261143080121101 - 49S41E07 G1230 333 (LAT 26 11 43 LONG 080 12 11)

AUG , 1981

06... -- 660 25.2 38

261343080175801 - G-2341 (LAT 26 13 43 LONG 080 17 58)

<p>JUL , 1981</p> <p>20... -- >1010 -- 195</p> <p>20... -- 1150 -- 150</p> <p>20... -- 990 -- 158</p> <p>20... -- 1015 -- 150</p> <p>20... -- -- 155</p> <p>20... -- 1020 -- 154</p> <p>20... -- 1040 -- 152</p> <p>20... -- 1075 -- 150</p> <p>20... -- 995 -- 136</p> <p>20... -- 865 -- 114</p>	<p>JUL , 1981</p> <p>20... -- 910 -- 114</p> <p>20... -- 950 -- 120</p> <p>20... -- 1055 -- 114</p> <p>20... -- 1080 -- 110</p> <p>20... -- 1055 -- 110</p> <p>20... -- 995 -- 112</p> <p>20... -- 1015 -- 122</p> <p>20... -- 1050 -- 132</p> <p>20... -- 2600 -- 500</p>
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261347080273701 - G-2312 (LAT 26 13 47 LONG 080 27 37)

<p>MAY , 1981</p> <p>28... -- 1080 -- --</p> <p>28... -- >990 -- 146</p> <p>28... -- >1120 -- 140</p> <p>28... -- >1100 -- 158</p> <p>28... -- >1060 -- 154</p> <p>28... -- 1130 -- 160</p> <p>28... -- >1030 -- 150</p> <p>28... -- 1100 -- 154</p> <p>28... -- >1165 -- 152</p> <p>28... -- 1250 -- 180</p> <p>28... -- 1250 -- 160</p> <p>28... -- 1200 -- 155</p>	<p>MAY , 1981</p> <p>28... -- 1140 -- 141</p> <p>28... -- 1100 -- 130</p> <p>28... -- 905 -- 92</p> <p>28... -- 1230 -- 165</p> <p>28... -- 2350 -- 410</p> <p>28... -- 1920 25.0 320</p> <p>28... -- 2200 -- 450</p> <p>28... -- 2275 -- 500</p> <p>28... -- 2740 -- 550</p> <p>28... -- 2500 -- 440</p> <p>28... -- 2030 -- 400</p>
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261348080122001 - G-2342 (LAT 26 13 48 LONG 080 12 20)

<p>JUL , 1981</p> <p>21... -- 590 -- 40</p> <p>21... -- 620 -- 35</p> <p>21... -- 640 -- 36</p> <p>21... -- 600 -- 36</p> <p>21... -- 650 -- 35</p> <p>22... -- 645 -- 36</p> <p>22... -- 640 -- 38</p> <p>22... -- 605 -- 40</p> <p>22... -- 605 -- 40</p> <p>22... -- 765 -- 36</p> <p>22... -- 760 -- 44</p> <p>22... -- 810 -- 40</p> <p>22... -- 875 -- 60</p> <p>22... -- 915 -- 78</p> <p>22... -- 970 -- 73</p>	<p>JUL , 1981</p> <p>22... -- 985 -- 98</p> <p>22... -- 1040 -- 102</p> <p>22... -- 1030 -- 116</p> <p>22... -- 1020 -- 110</p> <p>22... -- 1010 -- 110</p> <p>22... -- 1020 -- 88</p> <p>22... -- 1040 -- 110</p> <p>22... -- 1050 -- 116</p> <p>22... -- 1105 -- 125</p> <p>22... -- 1110 -- 127</p> <p>22... -- 1010 -- 120</p> <p>22... -- 1120 -- 130</p> <p>22... -- 1040 -- 94</p> <p>22... -- 1150 -- 140</p>
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GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)		
BROWARD COUNTY											
261348080122002 - 41E48S36 G-2343 (LAT 26 13 48 LONG 080 12 20)											
SEP , 1981	24...	--	495	--					33		
261458080494701 - G-2340 (LAT 26 14 58 LONG 080 49 47)											
JUL , 1981	16...	--	1030	--	JUL , 1981	16...	--	1750	--	280	
	16...	--	1000	--		16...	--	1875	--	308	
	16...	--	1040	--		16...	--	1875	--	310	
	16...	--	1020	--		16...	--	1875	--	298	
	16...	--	1010	--		16...	--	1830	--	287	
	16...	--	1080	--	AUG	16...	--				
	16...	--	1220	--	17...	--	1875	--	295		
	16...	--	1245	--							
	16...	--	1575	--							
261938080121501 - G-2323 (LAT 26 19 38 LONG 080 12 15)											
JUN , 1981	24...	--	>860	--	JUN , 1981	25...	--	1090	--	130	
	24...	--	>960	--		25...	--	1180	--	155	
	24...	--	>740	--		25...	--	1245	--	175	
	24...	--	>795	--		25...	--	1420	--	210	
	24...	--	880	--		25...	--	1500	--	235	
	24...	--	870	--		25...	--	1600	--	275	
	24...	--	890	--		25...	--	1680	--	300	
	24...	--	890	--		25...	--	1775	--	320	
	24...	--	940	--		25...	--	1775	--	305	
	24...	--	910	--		25...	--	1700	--	300	
	24...	--	825	--		25...	--	1750	--	305	
	24...	--	>805	--		25...	--	1650	--	290	
	24...	--	930	--		26...	--	1760	--	335	
	24...	--	900	--		26...	--	1875	--	400	
	25...	--	1060	--							
	25...	--	1125	--							
261938080121502 - 47S41E36 G-2324 (LAT 26 19 38 LONG 080 12 15)											
SEP , 1981	22...	--	950	--					130		
261952080500201 - G-2314 (LAT 26 19 52 LONG 080 50 02)											
JUN , 1981	02...	--	710	26.5	49	JUN , 1981	02...	--	1250	--	125
	02...	--	500	26.5	38		02...	--	1650	--	215
	02...	--	470	--	38		02...	--	1700	26.0	200
	02...	--	500	--	40		03...	--	1650	25.0	215
	02...	--	560	--	38		03...	--	2150	--	320
	02...	--	580	--	50		03...	--	3250	--	700
	02...	--	730	--	80		03...	--	3450	--	800
	02...	--	675	--	52		03...	--	3450	25.0	730
	02...	--	728	25.5	42		03...	--	3500	--	750
	02...	--	728	--	52		03...	--	3500	--	800
	02...	--	880	--	56						

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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BROWARD COUNTY

261958080342101 - G-2315 (LAT 26 19 58 LONG 080 34 21)

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
JUN , 1981					JUN , 1981				
03...	--	1080	--	165	04...	--	4200	25.5	1100
03...	--	1110	25.5	140	04...	--	4330	--	1250
03...	--	1110	25.5	150	04...	--	5440	--	1400
03...	--	1100	--	155	04...	--	5820	--	1500
03...	--	1090	--	150	04...	--	6020	--	1650
04...	--	2640	--	650	04...	--	6010	--	1700
04...	--	2700	--	610	04...	--	6020	--	1650
04...	--	2660	25.5	620	04...	--	6020	25.0	1600
04...	--	3190	--	850	04...	--	6040	--	1650
04...	--	4090	--	1050	04...	--	6060	--	1650
04...	--	4210	--	1150					
04...	--	3920	26.0	1100					

261958080410601 - G-2313 (LAT 26 19 58 LONG 080 41 06)

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
MAY , 1981					JUN , 1981				
29...	--	765	--	136	01...	--	2480	--	450
29...	--	850	--	126	01...	--	4450	--	1050
29...	--	645	--	102	01...	--	4450	--	1100
29...	--	640	--	106	01...	--	5800	--	1500
29...	--	725	--	50	01...	--	5500	24.0	1500
29...	--	735	--	53	01...	--	6600	24.5	1700
29...	--	725	--	59	01...	--	6500	--	1600
JUN					01...	--	6700	--	1750
01...	--	1160	--	107	01...	--	6050	--	1550
01...	--	1370	--	145	01...	--	6600	--	1650
01...	--	1320	--	220	01...	--	5900	--	1400
01...	--	2100	24.5	360	02...	--	6500	--	1600
01...	--	2090	24.5	370					
01...	--	2090	--	370					

COLLIER COUNTY

255633081220001 - 52S29E24 C-8 (LAT 25 56 33 LONG 081 22 00)

MAY , 1981
12... -- 690 -- 55

255748081181801 - 52S30E09 C-495 (LAT 25 57 48 LONG 081 18 18)

MAY , 1981
07... -- 500 24.0 25

260111081243901 - C-496 (LAT 26 01 11 LONG 081 24 39)

MAY , 1981
12... -- 620 22.0 55

260448081411601 - 50S26E34 C-446 (LAT 26 04 48 LONG 081 41 16)

MAY , 1981
06... -- 950 24.0 115

260549081441901 - 50S26E19 C-600 USGS (LAT 26 05 49 LONG 081 44 19)

MAY , 1981
07... -- 890 26.0 85

260630081411401 - 50S26E22 C-599 USGS (LAT 26 06 30 LONG 081 41 14)

MAY , 1981
06... -- 1000 25.0 70

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
COLLIER COUNTY									
260640081204301 - 50S30E18 C-296 (LAT 26 06 40 LONG 081 20 43)									
MAY , 1981									
12...	--	3000	24.0	700					
260904081480401 - 50S25E04 C-130 (LAT 26 09 04 LONG 081 48 04)									
MAY , 1981									
07...	--	830	26.5	185					
260914081411601 - 50S26E03 C-450 (LAT 26 09 14 LONG 081 41 16)									
MAY , 1981									
06...	5.45	800	23.0	35					
260917081391601 - 49S26E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)									
OCT , 1980					APR , 1981				
22...	--	700	26.0	25	21...	--	680	24.5	23
JAN , 1981									
21...	--	680	25.5	42					
260917081394401 - 49S26E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)									
OCT , 1980					APR , 1981				
22...	--	2450	26.5	520	21...	--	2300	26.5	510
JAN , 1981									
21...	--	2250	25.0	490					
260917081394402 - 49S26E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)									
OCT , 1980					APR , 1981				
22...	--	660	26.5	21	21...	--	650	25.5	22
JAN , 1981									
21...	--	680	26.0	25					
260919081155901 - 50S30E01.C - 308 USGS MILES CITY (LAT 26 09 19 LONG 081 15 59)									
MAY , 1981									
12...	--	7100	26.0	1900					
260925081475201 - 49S25E34 C-472A (LAT 26 09 25 LONG 081 47 52)									
MAY , 1981									
07...	--	580	26.5	40					
260941081393101 - 49S26E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)									
OCT , 1980					APR , 1981				
22...	--	770	26.5	24	21...	--	710	24.5	24
JAN , 1981									
21...	--	720	25.5	25					
260941081393102 - 49S26E36 C-537 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)									
OCT , 1980					APR , 1981				
22...	--	1240	26.5	140	21...	--	1080	26.5	110
JAN , 1981					JUL				
21...	--	1100	26.0	120	23...	--	1440	33.0	130
260948081483301 - 49S25E33 C-524 (LAT 26 09 48 LONG 081 48 33)									
MAY , 1981									
07...	--	9700	26.5	2500					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	
COLLIER COUNTY										
261002081483701 - 49S25E28 C-525 (LAT 26 10 02 LONG 081 48 37)										
MAY , 1981	07...	--	650	27.0					105	
261003081475801 - 46S25E20 C-123 (LAT 26 10 03 LONG 081 47 58)										
MAY , 1981	07...	--	395	27.5					20	
261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)										
OCT , 1980	22...	--	1200	26.5	APR , 1981	21...	--	1120	30.0	29
JAN , 1981	21...	--	1140	25.5	JUL	23...	--	1180	25.5	34
261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)										
OCT , 1980	22...	--	1900	26.0	APR , 1981	21...	--	1850	32.0	350
JAN , 1981	21...	--	1850	26.0	JUL	23...	--	2000	27.0	340
261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)										
OCT , 1980	22...	--	801	26.5	APR , 1981	21...	--	1160	25.5	140
JAN , 1981	21...	--	1280	27.0	JUL	23...	--	--	--	250
261010081411401 - 49S26E27 C-382A SR 858 NR GOLDEN GATE CANAL (LAT 26 10 10 LONG 081 41 14)										
MAY , 1981	06...	--	1095	25.5					135	
261018081484101 - 49S25E28 C-526 (LAT 26 10 18 LONG 081 48 41)										
MAY , 1981	07...	--	9600	27.0					2900	
261024081480101 - 49S25E28 C-409A (LAT 26 10 24 LONG 081 48 01)										
MAY , 1981	07...	--	615	28.0					20	
261048081484801 - 49S25E28 C-527 (LAT 26 10 48 LONG 081 48 48)										
MAY , 1981	07...	--	28000	27.0					9400	
261114081482301 - 49S25E21 C-474A (LAT 26 11 14 LONG 081 48 23)										
MAY , 1981	07...	--	380	25.5					20	
261124081470301 - C-391 (LAT 26 11 24 LONG 081 47 03)										
MAY , 1981	07...	--	440	25.5					20	

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
COLLIER COUNTY									
261635081360301 - SE CORNER OF BIRD ROOKERY SWAMP C-304 (LAT 26 16 35 LONG 081 36 03)									
MAY , 1981									
13...	--	685	27.0	43					
261740081235401 - 48S29E23 C-684 USGS IMMOKALEE SW (LAT 26 17 40 LONG 081 23 54)									
MAY , 1981									
13...	--	3250	26.0	160					
261741081235401 - 48S29E14 C-503 (LAT 26 17 41 LONG 081 23 54)									
MAY , 1981									
13...	--	635	24.5	34					
262228081361901 - 47S27E22 C-492 (LAT 26 22 28 LONG 081 36 19)									
MAY , 1981									
13...	--	610	23.5	39					
262405081200001 - C-554 (LAT 26 24 05 LONG 081 20 00)									
OCT , 1980					APR , 1981				
21...	--	580	25.5	26	22...	--	580	24.5	21
JAN , 1981					JUL				
20...	--	560	24.5	20	22...	--	550	26.0	19
262405081260001 - 47S29E09 C-593 (LAT 26 24 05 LONG 081 26 00)									
OCT , 1980					APR , 1981				
21...	--	110	26.5	--	22...	--	95	25.5	--
JAN , 1981					JUL				
20...	--	185	25.0	7.2	22...	--	81	25.5	5.6
262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)									
OCT , 1980					APR , 1981				
21...	--	155	26.5	9.9	22...	--	120	24.5	12
JAN , 1981					JUL				
20...	--	80	25.0	9.9	22...	--	88	25.5	9.8
262418081255604 - 47S29E09 C -596 COLLIER CU IMMOKALEE (LAT 26 24 18 LONG 081 25 56)									
OCT , 1980					APR , 1981				
21...	--	1810	27.0	190	22...	--	1825	24.5	190
JAN , 1981									
20...	--	1650	24.5	180					
262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)									
OCT , 1980					APR , 1981				
21...	--	750	26.0	64	22...	--	1000	24.5	120
JAN , 1981					JUL				
20...	--	660	25.5	65	21...	--	1240	31.0	160
262419081254902 - C-551 (LAT 26 24 19 LONG 081 25 49)									
OCT , 1980					APR , 1981				
21...	--	130	24.0	5.2	22...	--	70	24.5	5.6
JAN , 1981					JUL				
20...	--	85	25.0	6.0	21...	--	85	29.0	5.8

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OCTOBER 1980 TO SEPTEMBER 1981
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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
COLLIER COUNTY									
262431081254201 - C-550 (LAT 26 24 31 LONG 081 25 42)									
OCT , 1980					APR , 1981				
21...	--	830	26.5	48	22...	--	820	24.5	46
JAN , 1981					JUL				
20...	--	860	24.0	46	21...	--	780	29.5	43
262431081254202 - C-549 (LAT 26 24 31 LONG 081 25 42)									
OCT , 1980					JUL , 1981				
21...	--	110	25.5	12	22...	--	82	25.0	9.2
APR , 1981									
22...	--	120	25.0	11					
262505081245301 - 47S29E03 C - 258 WHATLEY IMMOKALEE (LAT 26 25 05 LONG 081 24 53)									
MAY , 1981									
14...	--	4400	26.0	1100					
262507081235201 - 47S29E47 C - 298 USGS IMMOKALEE (LAT 26 25 07 LONG 081 23 52)									
MAY , 1981									
14...	--	640	26.5	59					
262521081161901 - 47S30E1 C-131 (LAT 26 25 21 LONG 081 16 19)									
MAY , 1981									
13...	--	885	23.5	77					
262724081260701 - 46S29E20 C-462 (LAT 26 27 24 LONG 081 26 07)									
MAR , 1981									
12...	--	515	24.5	28					
262859081273001 - 46S29E7 C-531 (LAT 26 28 59 LONG 081 27 30)									
MAY , 1981									
14...	--	640	26.0	28					
262859081273002 - 46S29E07 C-532 ON SR-82 (LAT 26 28 59 LONG 081 27 30)									
MAY , 1981									
14...	--	238	26.0	44					
262914081263101 - 46S29E8 C- 170 IRRIGATION IMMOKALEE (LAT 26 29 14 LONG 081 26 31)									
MAR , 1981									
10...	--	710	24.5	50					
262917081264301 - 46S29E8 C- 686 IRRIGATION IMMOKALEE (LAT 26 29 17 LONG 081 26 43)									
MAR , 1981									
10...	--	620	24.5	47					
262922081271601 - 46S29E7 C- 169 IRRIGATION IMMOKALEE (LAT 26 29 22 LONG 081 27 16)									
MAR , 1981									
10...	--	170	24.0	34					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
DADE COUNTY									
251922080340701 -					G-1251 (LAT 25 19 22 LONG 080 34 07)				
OCT , 1980					FEB , 1981				
06...	--	455	26.0	22	25...	--	365	--	20
NOV					APR				
25...	--	520	--	24	30...	--	400	--	18
JAN , 1981					MAY				
21...	--	400	22.0	28	11...	--	400	--	30
251949080313102 - 58S38E					G-1403 USGS OBS WELL NR FLA CITY, FL (LAT 25 19 49 LONG 080 31 31)				
OCT , 1980					JUN , 1981				
06...	--	15600	25.5	5250	25...	--	8200	--	3300
NOV					AUG				
25...	--	15100	24.5	5200	31...	--	13400	--	4650
JAN , 1981					SEP				
02...	--	14100	--	5250	29...	--	12900	--	4600
21...	--	14600	23.5	5300					
251952080293401 - 58S38E36					G-1256 USGS OBS WELL NR FLA CITY, FL (LAT 25 19 52 LONG 080 29 34)				
OCT , 1980					MAY , 1981				
06...	--	19000	25.5	6700	11...	--	17000	--	7000
NOV					JUN				
25...	--	17500	25.0	6300	25...	--	17000	--	6650
JAN , 1981					AUG				
02...	--	17000	--	6350	31...	--	16700	--	6250
21...	--	16750	23.5	6500	SEP				
FEB					29...	--	17500	--	6600
25...	--	17000	--	6500					
APR									
30...	--	20000	--	7000					
252138080313301 - 58S38E21					G-3167 USGS OBS WELL NR FLA CITY, FL (LAT 25 21 38 LONG 080 31 33)				
OCT , 1980					APR , 1981				
06...	--	1180	26.0	400	30...	--	960	--	186
NOV					MAY				
25...	--	1520	27.0	334	11...	--	950	--	196
JAN , 1981					JUN				
02...	--	1120	--	212	25...	--	970	--	188
FEB					AUG				
25...	--	1020	--	206	31...	--	920	--	186
MAR					SEP				
16...	--	1100	--	196	29...	--	1330	--	298
252412080244502 - 58S39E10					G-1265A USGS OBS WELL NR HOMESTEAD, FL (LAT 25 24 12 LONG 080 24 45)				
OCT , 1980					MAR , 1981				
06...	--	17000	26.0	5850	16...	--	17800	--	6000
NOV					MAY				
25...	--	16500	28.0	5850	11...	--	16000	--	6150
JAN , 1981					JUN				
02...	--	16500	--	5900	25...	--	16000	--	6150
FEB					JUL				
25...	--	16800	--	5900	22...	--	15800	--	5950
252506080282201 - 57S39E31					G-3166 USGS OBS WELL NR HOMESTEAD, FL (LAT 25 25 06 LONG 080 28 22)				
MAR , 1981					JUL , 1981				
16...	--	910	--	186	22...	--	830	--	180
APR					AUG				
30...	--	910	--	180	31...	--	1100	--	198
MAY					SEP				
11...	--	910	--	198	29...	--	860	--	174
JUN									
24...	--	800	--	192					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
DADE COUNTY									
252519080261101 - 57S39E33 G-3164 USGS OBS WELL NR HOMESTEAD, FL (LAT 25 25 19 LONG 080 26 11)									
APR , 1981					JUN , 1981				
30...	--	630	--	66	25...	--	590	--	62
MAY									
11...	--	610	--	78					
252532080244301 - 57S39E35 G-1264 USGS OBS WELL NR HOMESTEAD, FL (LAT 25 25 32 LONG 080 24 43)									
OCT , 1980					MAY , 1981				
06...	--	820	26.0	116	11...	--	740	--	108
NOV					JUN				
25...	--	780	28.0	104	24...	--	920	--	120
JAN , 1981					JUL				
02...	--	830	--	124	22...	--	870	--	186
21...	--	770	25.0	124	AUG				
FEB					31...	--	1140	--	138
25...	--	610	--	42	SEP				
MAR					29...	--	760	--	88
16...	--	550	--	44					
252812080234501 - 57S39E13 G-1035A USGS OBS WELL NR HOMESTEAD, FL (LAT 25 28 12 LONG 080 23 45)									
OCT , 1980					APR , 1981				
06...	--	2400	26.0	650	30...	--	2500	--	750
NOV					MAY				
25...	--	5200	27.0	1600	11...	--	3600	--	850
JAN , 1981					JUN				
02...	--	2300	--	600	24...	--	4650	--	1500
16...	--	4350	25.0	1400	JUL				
FEB					21...	--	4820	--	1650
24...	--	1720	--	420	AUG				
MAR					20...	--	4900	--	1650
16...	--	4700	--	1450					
252823080250901 - 57S39E15 G-3163 USGS OBS WELL NR HOMESTEAD, FL (LAT 25 28 23 LONG 080 25 09)									
OCT , 1980					SEP , 1981				
06...	--	520	26.0	32	05...	--	560	--	42
AUG , 1981					16...	--	580	--	40
20...	--	560	--	38					
252824080250601 - 57S39E15 G-3235 (LAT 25 28 24 LONG 080 25 06)									
AUG , 1981					AUG , 1981				
07...	--	475	--	44	07...	--	612	--	42
07...	--	559	--	46	07...	--	603	--	40
07...	--	549	--	44	07...	--	635	--	41
07...	--	580	--	38	07...	--	497	--	32
07...	--	585	--	44	07...	--	349	--	32
07...	--	585	--	44					
252859080273001 - 58S38E24 G-3165 USGS OBS WELL NR HOMESTEAD, FL (LAT 25 28 59 LONG 080 27 30)									
NOV , 1980					JUN , 1981				
25...	--	560	--	26	24...	--	315	--	20
APR , 1981					JUL				
30...	--	440	--	18	22...	--	345	--	22
MAY									
11...	--	410	--	14					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
------	--	--	--	--	------	--	--	--	--

DADE COUNTY

252918080234201 - 57S39E12 G-1183 USAF OBS WELL NR HOMESTEAD, FL (LAT 25 29 18 LONG 080 23 42)

OCT , 1980	MAY , 1981
06... -- 640 -- 60	11... -- 630 -- 70
NOV 25... -- 640 27.0 58	JUN 24... -- 590 -- 72
JAN , 1981	JUL 21... -- 480 -- 24
02... -- 690 -- 60	AUG 20... -- 475 -- 28
16... -- 610 25.0 62	SEP 16... -- 740 -- 98
FEB 24... -- 560 -- 38	
MAR 16... -- 630 -- 56	
APR 30... -- 710 -- 72	

252944080233401 - 57S39E01 G-1179 USAF OBS WELL NR HOMESTEAD, FL (LAT 25 29 44 LONG 080 23 34)

OCT , 1980	MAY , 1981
06... -- 12800 -- 4300	11... -- 13800 -- 4600
NOV 25... -- 11900 28.0 4050	JUN 24... -- 13600 -- 4950
JAN , 1981	JUL 21... -- 13700 -- 4950
02... -- 11900 -- 4200	AUG 20... -- 14300 -- 5000
16... -- 10500 26.0 3650	SEP 05... -- 12300 -- 4550
FEB 24... -- 12200 -- 4150	16... -- 14100 -- 4850
MAR 16... -- 12700 -- 4150	
APR 30... -- 13600 -- 4750	

252947080235201 - 57S39E02 G-1270 USGS OBS WELL NR HOMESTEAD, FL (LAT 25 29 47 LONG 080 23 52)

OCT , 1980	MAY , 1981
06... -- 540 25.5 28	11... -- 480 -- 26
NOV 25... -- 445 27.5 22	JUN 24... -- 435 -- 22
JAN , 1981	JUL 21... -- 380 -- 22
02... -- 460 -- 20	AUG 20... -- 425 -- 20
16... -- 510 25.0 24	SEP 05... -- 485 -- 26
FEB 24... -- 490 -- 22	16... -- 450 -- 20
MAR 16... -- 480 -- 20	
APR 30... -- 480 -- 18	

252947080235202 - 57S39E02 S- 531 USAF OBS WELL NR HOMESTEAD, FL (LAT 25 29 47 LONG 080 23 52)

OCT , 1980	MAY , 1981
06... -- 550 25.0 30	11... -- 510 -- 36
NOV 25... -- 520 27.5 26	JUN 24... -- 470 -- 28
JAN , 1981	JUL 21... -- 485 -- 24
02... -- 520 -- 24	AUG 20... -- 510 -- 26
16... -- 485 25.0 24	SEP 05... -- 480 -- 24
FEB 24... -- M1 -- --	16... -- 540 -- 28
MAR 16... -- 580 -- 26	
17... -- 580 -- 26	
APR 30... -- 540 -- 24	

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
DADE COUNTY									
252947080235301 - 57S39E02 G-1180 USAF OBS WELL NR HOMESTEAD, FL (LAT 25 29 47 LONG 080 23 53)									
OCT , 1980					MAY , 1981				
06...	--	570	--	28	11...	--	530	--	26
NOV					JUN				
25...	--	510	29.0	24	24...	--	490	--	24
JAN , 1981					JUL				
16...	--	500	24.5	24	21...	--	495	--	26
FEB					AUG				
24...	--	520	--	24	20...	--	495	--	24
MAR					SEP				
16...	--	530	--	26	05...	--	460	--	24
APR					16...	--	520	--	26
30...	--	540	--	22					
253133080224801 - 56S40E31 G-1268 USGS OBS WELL NR HOMESTEAD, FL (LAT 25 31 33 LONG 080 22 48)									
OCT , 1980									
06...	--	2850	26.0	850					
253202080232601 - 56S39E25 G-3162 USGS OBS WELL NR HOMESTEAD, FL (LAT 25 32 02 LONG 080 23 26)									
OCT , 1980					JUN , 1981				
09...	--	1440	--	265	24...	--	1220	--	256
FEB , 1981					JUL				
24...	--	1090	--	232	21...	--	1090	--	248
MAR					AUG				
16...	--	1200	--	238	20...	--	970	--	206
APR					SEP				
30...	--	1140	--	265	05...	--	880	--	214
MAY					16...	--	1010	--	226
11...	--	1200	--	275					
253402080214201 - 56S40E08 G-3161 USGS OBS WELL AT CTRL RDG, FL (LAT 25 34 02 LONG 080 21 42)									
OCT , 1980									
06...	--	1650	2.6	380					
253635080135801 - 55S40E35 G-3160 USGS OBS WELL NR PEHRINE, FL (LAT 25 36 35 LONG 080 13 58)									
OCT , 1980									
06...	--	475	--	20					

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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DADE COUNTY

253652080183701 - 55S40E35 G- 939 USGS OBS WELL NR PERRINE, FL (LAT 25 36 52 LONG 080 18 37)									
OCT , 1980									
06...	--	6500	--	2000					
253958080183001 - 55S40E22 G-3157 USGS OBS WELL NR STH MIAMI, FL (LAT 25 39 58 LONG 080 18 30)									
OCT , 1980									
06...	--	440	--	22					
254019080190201 - 55S40E11 G-1604 USGS OBS WELL NR STH MIAMI, FL (LAT 25 40 19 LONG 080 19 02)									
OCT , 1980									
06...	--	455	--	28					
254020080183101 - 55S40E11 G-1604A USGS OBS WELL NR STH MIAMI, FL (LAT 25 40 20 LONG 080 18 31)									
OCT , 1980									
06...	--	620	--	26					
254107080165201 - 55S41E06 G- 896 USGS OBS WELL AT CRL GBLS, FL (LAT 25 41 07 LONG 080 16 52)									
OCT , 1980									
07...	--	1350	--	275					
254125080170801 - 55S40E01 G-3159 USGS OBS WELL AT STH MIAMI, FL (LAT 25 41 25 LONG 080 17 08)									
OCT , 1980									
07...	--	960	--	192					
254201080173001 - 54S41E31 G- 901 USGS OBS WELL AT STH MIAMI, FL (LAT 25 42 01 LONG 080 17 30)									
OCT , 1980									
07...	--	455	--	26					
254238080174001 - 54S40E25 G- 581A USGS OBS WELL AT STH MIAMI, FL (LAT 25 42 38 LONG 080 17 40)									
OCT , 1980									
07...	--	425	--	22					
254335080170501 - 54S41E19 G- 432 USGS OBS WELL AT CRL GBLS, FL (LAT 25 43 35 LONG 080 17 05)									
OCT , 1980									
07...	--	720	--	32					
254416080171201 - 54S41E18 G- 788 USGS OBS WELL AT CRL GBLS, FL (LAT 25 44 16 LONG 080 17 12)									
OCT , 1980									
07...	--	560	--	42					
254738080161401 - 53S41E29 G-1352 USGS OBS WELL AT MIAMI, FL (LAT 25 47 38 LONG 080 16 14)									
OCT , 1980									
07...	--	860	--	144					
254744080171001 - 53S41E30 F- 430 USGS OBS WELL AT MIAMI, FL (LAT 25 47 44 LONG 080 17 10)									
OCT , 1980									
08...	--	620	--	44					
254813080161501 - 53S41E29 G-1351 USGS OBS WELL AT MIAMI, FL (LAT 25 48 13 LONG 080 16 15)									
OCT , 1980									
07...	--	5800	--	1950					
254813080170001 - 53S41E30 G-1350 USGS OBS WELL AT MIAMI, FL (LAT 25 48 13 LONG 080 17 00)									
OCT , 1980									
07...	--	920	25.0	94					

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
DADE COUNTY									
254833080152801 - 53S41E20 G-1355 USGS OBS WELL AT MIAMI, FL (LAT 25 48 33 LONG 080 15 28)									
OCT , 1980									
08...	--	6600	--	2800					
254833080155801 - 53S41E20 G-1354 USGS OBS WELL AT MIAMI, FL (LAT 25 48 33 LONG 080 15 58)									
OCT , 1980									
08...	--	2250	--	500					
254836080165201 - 53S41E19 G- 577 USGS OBS WELL AT MIAMI SPR, FL (LAT 25 48 36 LONG 080 16 52)									
OCT , 1980									
07...	--	1800	--	315					
254841080164401 - 53S41E19 G- 571 USGS OBS WELL AT MIAMI SPR, FL (LAT 25 48 41 LONG 080 16 44)									
OCT , 1980									
07...	--	2400	--	625					
254842080161501 - 53S41E20 G- 355 USGS OBS WELL AT MIAMI SPR, FL (LAT 25 48 42 LONG 080 16 15)									
OCT , 1980									
07...	--	2600	--	700					
254842080173401 - 53S40E24 F- 414 USGS OBS WELL AT MIAMI SPR, FL (LAT 25 48 42 LONG 080 17 34)									
OCT , 1980									
07...	--	485	--	30					
254842080174301 - 53S40E24 F- 441 USGS OBS WELL AT MIAMI SPR, FL (LAT 25 48 42 LONG 080 17 43)									
OCT , 1980									
07...	--	560	--	62					
254855080163701 - 53S41E19 G- 548 USGS OBS WELL AT MIAMI SPR, FL (LAT 25 48 55 LONG 080 16 37)									
OCT , 1980									
08...	--	1750	--	485					
254857080171102 - 53S41E19 S- 68A USGS OBS WELL AT MIAMI SPR, FL (LAT 25 48 57 LONG 080 17 11)									
OCT , 1980									
08...	--	1700	--	420					
254903080160901 - 53S41E20 F- 237 USGS OBS WELL AT HIALEAH, FL (LAT 25 49 03 LONG 080 16 09)									
OCT , 1980									
08...	--	1650	--	395					
254912080164502 - 53S41E19 F- 2A USGS OBS WELL AT MIAMI SPR, FL (LAT 25 49 12 LONG 080 16 45)									
OCT , 1980									
08...	--	1450	--	350					
254946080172601 - 53S41E13 G-3234 (LAT 25 49 46 LONG 080 17 26)									
AUG , 1981					AUG , 1981				
03...	--	770	--	92	04...	--	1000	--	154
03...	--	765	--	90	04...	--	1440	--	275
03...	--	705	--	78	04...	--	1160	--	190
03...	--	725	--	84	04...	--	1675	--	335
03...	--	770	--	87	04...	--	1740	--	345
03...	--	670	--	70	04...	--	1800	--	360
03...	--	660	--	68	04...	--	2420	--	550
03...	--	660	--	66	04...	--	2600	--	650
03...	--	710	--	72	04...	--	2620	--	620
03...	--	690	--	69	04...	--	2420	--	580
04...	--	900	--	126	04...	--	2340	--	540
04...	--	950	--	138					

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

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DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
--	--	--	---	--	--	--	---

DADE COUNTY

255250080220201 - G-3168 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)
AUG , 1981 17... -- 690 -- -- SEP , 1981 07... -- 560 -- --

255250080220202 - G-3169 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)
AUG , 1981 17... -- 790 -- -- SEP , 1981 07... -- 570 -- --

255332080112601 - 52S42E30 F- 298 USGS OBS WELL AT NO MIAMI, FL (LAT 25 53 32 LONG 080 11 26)
OCT , 1980 08... -- 4100 -- 1350

255350080105801 - 52S42E30 G- 894 USGS OBS WELL AT NO MIAMI, FL (LAT 25 53 50 LONG 080 10 58)
OCT , 1980 08... -- 4650 -- 1400

GLADES COUNTY

264726081235501 - 64712301 42S29E26 LYKES BROS LA BELLE (LAT 26 47 26 LONG 081 23 55)
MAY , 1981 15... -6.30 -- -- --

264750081193001 - GL 54 (LAT 26 47 50 LONG 081 19 30)

JUN , 1981 18... -37.70 1500 24.5 200

264905081242801 - 64912401 42S29E15 (LAT 26 49 05 LONG 081 24 28)

MAY , 1981 15... -7.00 -- -- --

264943081290601 - 64912901 42S28E11 LYKES BROS LA BELLE (LAT 26 49 43 LONG 081 29 06)
MAY , 1981 14... 4.47 -- -- --

265032081164801 - 65011601 42 S30E01 LYKES BROS GOODNO (LAT 26 50 32 LONG 081 16 48)
MAY , 1981 15... -0.30 -- -- -- JUN , 1981 16... -4.94 1300 24.5 140

265241081200501 - 65212001 41S30E29 LYKES BROS (LAT 26 52 41 LONG 081 20 05)
MAY , 1981 15... -5.00 -- -- -- JUN , 1981 16... -6.31 735 24.0 58

265248081194501 - 65211901 41S30E28 LYKES BROS PALMDALE (LAT 26 52 48 LONG 081 19 45)
JUN , 1981 16... -10.90 575 24.5 35

265452081165401 - 65411601 41S30E12 CLEMONS PALMDALE (LAT 26 54 52 LONG 081 16 54)
MAY , 1981 14... -10.40 -- -- -- SEP , 1981 22... -13.40 -- -- --

265453081162301 - LYKES IMI. SOUTH GATORAMA (LAT 26 54 53 LONG 081 16 23)

JUN , 1981 11... -- 1380 28.5 270

GROUND WATER QUALITY RECORDS
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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
GLADES COUNTY									
265454081151001 - LYKES 12 INCHER (LAT 26 54 54 LONG 081 15 10)									
JUN , 1981					JUN , 1981				
11...	-12.50	--	--	1700	11...	--	8100	--	2300
11...	--	6300	30.0	1700					
265529081185201 - 655118030BSEK WELL GL267 NEAR PALMDALE, FL. (LAT 26 55 29 LONG 081.18 52)									
JUN , 1981									
18...	2.14	815	--	100					
270050081102001 - 4031E12 70011001 LYKES BROS BRIGHTON SW (LAT 27 00 50 LONG 081 10 20)									
MAY , 1981					JUN , 1981				
14...	-0.30	--	--	--	09...	0.50	17800	--	5700
270115081212901 - GLF-3 R B OXER # 2 (LAT 27 01 15 LONG 081 21 29)									
MAY , 1981					SEP , 1981				
12...	19.30	--	--	--	22...	11.25	--	--	--
270228081135501 - 70211301 39S31E33 LYKES BROS BRIGHTON SW (LAT 27 02 28 LONG 081 13 55)									
MAY , 1981					JUN , 1981				
14...	-0.30	--	--	--	09...	--	1550	25.5	360
270547081050501 - 39S32E12 GL 208 BRGHTN IND HSV BRIGHTON SE (LAT 27 05 47 LONG 081 05 05)									
MAY , 1981					JUN , 1981				
14...	-17.00	--	--	--	15...	--	2000	25.5	320
270848080552401 - 38S34E28 GL 250 PEARCE OKEECHOBEE NW (LAT 27 08 48 LONG 080 55 24)									
MAY , 1981					JUN , 1981				
15...	-10.80	--	--	--	18...	--	1580	26.5	430
JUN									
17...	-26.90	1790	27.0	430					
270933080561301 - PEARCE SECTION 21 (LAT 27 09 33 LONG 080 56 13)									
JUN , 1981					SEP , 1981				
17...	-25.70	3600	28.0	970	22...	-28.40	--	--	--
270948081081101 - 70910801 39S32E20 GROVE B (LAT 27 09 48 LONG 081 08 11)									
MAY , 1981									
14...	-15.00	--	--	--					
271150081054401 - 711105010BSEK WELL GL155 NEAR BRIGHTON, FL. (LAT 27 11 50 LONG 081 05 44)									
MAY , 1981					SEP , 1981				
14...	-16.10	--	--	--	22...	-20.80	--	--	--
HIGHLANDS COUNTY									
270435081234101 - 70412301 39S29E14 (LAT 27 04 35 LONG 081 23 41)									
MAY , 1981					SEP , 1981				
13...	50.15	--	--	--	21...	43.27	--	--	--
271303081080501 - 71310801 37S32E33 LYKES BROS (LAT 27 13 03 LONG 081 08 05)									
MAY , 1981					SEP , 1981				
14...	-12.80	--	--	--	22...	-16.30	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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HIGHLANDS COUNTY

271306081271701 - HIF-7 BOX RANCH #1 (LAT 27 13 06 LONG 081 27 17)

MAY , 1981	SEP , 1981
12... 44.36 -- -- --	23... 36.16 -- -- --

271324081325801 - 37S28E31 71313201 CARLTON LONG ISL MARSH (LAT 27 13 24 LONG 081 32 58)

MAY , 1981	SEP , 1981
13... 47.15 -- -- --	21... 36.28 -- -- --

271335081052001 - 713105 37S32E26 LYKES BROTHERS (LAT 27 13 35 LONG 081 05 20)

SEP , 1981
21... -6.30 -- -- --

271455081054301 - 71410501 37S32E23 (LAT 27 14 55 LONG 081 05 43)

MAY , 1981	SEP , 1981
13... -13.80 -- -- --	22... -18.70 -- -- --

271456081074701 - HIF-6 LYKES BROW 4IN FLOW (LAT 27 14 56 LONG 081 07 47)

MAY , 1981	SEP , 1981
19... -15.00 -- -- --	21... -20.26 -- -- --

271503081080901 - 71510801 37S32E20 LYKES BROS (LAT 27 15 03 LONG 081 08 09)

MAY , 1981	SEP , 1981
14... -6.80 -- -- --	22... -12.70 -- -- --
JUN	
08... -- -- 68	
18... -- 530 24.0 69	

271521081285401 - HIF-9 BOX RANCH #4 (LAT 27 15 21 LONG 081 28 54)

MAY , 1981
12... 51.33 -- -- --

271729081090001 - 71710901 37S32E05 LYKES BROS (LAT 27 17 29 LONG 081 09 00)

MAY , 1981	SEP , 1981
13... -2.80 -- -- --	22... -8.80 -- -- --

271730081160501 - 717116 37S31E-- 0 REYNOLDS (LAT 27 17 30 LONG 081 16 05)

MAY , 1981	SEP , 1981
13... -6.00 -- -- --	21... -8.00 -- -- --

272237081070701 - 722107-- 36S32E03 LYKES BROS NR CORNWELL (LAT 27 22 37 LONG 081 07 07)

SEP , 1981
21... -1.58 -- -- --

272906081142001 - 729114-- 34S31E28 YUCAN RANCH NR LORIDA (LAT 27 29 06 LONG 081 14 20)

SEP , 1981
21... 22.44 -- -- --

273138081154201 - 731115-- 34S31E18 HOWERTON'S WELL NR LORIDA (LAT 27 31 38 LONG 081 15 42)

SEP , 1981
21... 35.32 -- -- --

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
LEE COUNTY									
261954081410101 - 47S26E35 L-1996 (LAT 26 19 54 LONG 081 41 01)									
MAY , 1981 06...	--	750	24.5	36					
261954081410102 - 47S26E35 L-1997 (LAT 26 19 54 LONG 081 41 01)									
MAY , 1981 15...	--	580	24.5	45					
261957081432201 - L-2194 (LAT 26 19 57 LONG 081 43 22)									
MAY , 1981 06...	--	870	25.0	78					
262007081464801 - 47S25E35 L-473 (LAT 26 20 07 LONG 081 46 48)									
OCT , 1980 01...	--	1850	25.0	300	MAY , 1981 19...	--	1850	25.5	350
262022081464201 - 47S25E35 L-738 (LAT 26 20 22 LONG 081 46 42)									
MAY , 1981 06...	--	1280	25.0	220					
262034081464701 - 47S25E35 L - 346 PIPER BRUS BONITA SPRINGS (LAT 26 20 34 LONG 081 46 47)									
OCT , 1980 01...	--	6500	--	1650	MAY , 1981 19...	--	7000	27.0	1800
262034081464801 - L-345 (LAT 26 20 34 LONG 081 46 48)									
OCT , 1980 01...	--	1400	--	200	MAY , 1981 19...	--	1390	25.5	225
262042081455001 - 47S25E36 L-1691 (LAT 26 20 42 LONG 081 45 50)									
MAY , 1981 06...	--	820	26.0	79					
262552081485701 - L-741 (LAT 26 25 52 LONG 081 48 57)									
MAY , 1981 06...	--	960	27.0	230					
262659081382501 - 46S27E29 L-2192 CORKSCREW GRADE (LAT 26 26 59 LONG 081 38 25)									
MAY , 1981 07...	--	1160	26.5	160					
262703081340201 - 46S27E25 L-731 (LAT 26 27 03 LONG 081 34 02)									
FEB , 1981 20...	--	525	--	24	MAY , 1981 05...	--	510	25.0	24
262703081340202 - L-1138 (LAT 26 27 03 LONG 081 34 02)									
MAY , 1981 15...	--	220	24.0	21					
262703081340203 - 46S27E25 L-2313 CORKSCREW (LAT 26 27 03 LONG 081 34 02)									
MAY , 1981 15...	--	3950	28.0	1100					

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TEMPERATURE, CONDUCTANCE
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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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LEE COUNTY

262706081435401 - L-1853 (LAT 26 27 06 LONG 081 43 54)

MAY , 1981
07... -- 1500 26.0 300

262713081414601 - L-1984 (LAT 26 27 13 LONG 081 41 46)

MAY , 1981
07... -- 580 26.0 28

262908082003801 - L-352 (LAT 26 29 08 LONG 082 00 38)

OCT , 1980 02... -- 3000 29.0 600	MAY , 1981 18... -- 3000 27.0 760
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262910082003601 - 46S23E09 L - 351 CRUMPLER SANIBEL (LAT 26 29 10 LONG 082 00 36)

OCT , 1980 02... -- 1390 27.5 200	MAY , 1981 18... -- 1340 26.5 205
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263008081544201 - 46S24E04 L - 541 A&W BULB CO FORT MYERS SW (LAT 26 30 08 LONG 081 54 42)

OCT , 1980 01... -- 11000 27.0 3750	MAY , 1981 18... -- 18000 28.5 6000
--	--

263041081420501 - 45S26E34 L5628 FLA CITIES ALVA SW (LAT 26 30 41 LONG 081 42 05)

APR , 1981
14... -- 750 25.0 49

263041081433102 - 45S26E33 L-1998 GREEN MEADOWS WELL FIELD (LAT 26 30 41 LONG 081 43 31)

MAY , 1981
07... -- 770 26.0 81

263058081560801 - 45S24E32 L - 357 A&W GLADS FORT MYERS SW (LAT 26 30 58 LONG 081 56 08)

OCT , 1980 01... -- 3600 26.5 800	MAY , 1981 18... -- 2950 28.0 660
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263117082051002 - 45S22E26 L-2821 PINE ISLAND CT (LAT 26 31 17 LONG 082 05 10)

MAY , 1981
18... -- 2240 26.0 520

263125081511801 - 45S24E35 L - 331 EARLE FORT MYERS SE (LAT 26 31 25 LONG 081 51 18)

OCT , 1980 02... -- 2700 32.0 600	MAY , 1981 18... -- 2600 31.0 650
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263127081351602 - 45S27E35 L-2215 SR-82 NEXT TO L-730 (LAT 26 31 27 LONG 081 35 16)

MAY , 1981
05... -- 770 25.5 43

263247081501702 - 45S25E20 L-2293 FT MYERS SE (LAT 26 32 47 LONG 081 50 17)

MAR , 1981
18... -- 3000 28.0 750

263251081452802 - 45S25E24 L-1994 (LAT 26 32 51 LONG 081 45 28)

MAY , 1981
07... -- 780 27.0 79

GROUND WATER QUALITY RECORDS
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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
LEE COUNTY									
263253082014201 - 45S23E17 L-2643					PINE ISLAND CT (LAT 26 32 53 LONG 082 01 42)				
MAY , 1981 22...	--	3400	25.0	980					
263335081394301 - 45S26E13 L-729 (LAT 26 33 35 LONG 081 39 43)									
MAY , 1981 05...	--	770	26.0	71	MAY , 1981 05...	--	770	26.5	70
263344081361701 - 45S27E15 L-1963 (LAT 26 33 44 LONG 081 36 17)									
MAY , 1981 05...	--	1210	26.0	190					
263353081335801 - L-1965 (LAT 26 33 53 LONG 081 33 58)									
MAY , 1981 05...	--	1380	26.0	260					
263357081575602 - 45S23E12 L-2703					FORT MYERS SW (LAT 26 33 57 LONG 081 57 56)				
MAY , 1981 21...	--	1580	26.0	370					
263438081563201 - 45S24E07 L-1117					FT MYERS SW (LAT 26 34 38 LONG 081 56 32)				
MAY , 1981 21...	--	680	26.0	92					
263440082022001 - 45S23E05 L-2644					PINE ISLAND CT (LAT 26 34 40 LONG 082 02 20)				
MAY , 1981 22...	--	3400	25.5	970					
263533081573401 - 44S23E36 L-2641					FT MYERS SW (LAT 26 35 33 LONG 081 57 34)				
MAY , 1981 21...	--	845	24.5	140					
263621081563701 - 44S24E31 L-2702					FT MYERS SW (LAT 26 36 21 LONG 081 56 37)				
MAY , 1981 21...	--	1140	26.0	210					
263627081562701 - 44S24E29 L-702					FT MYERS SW (LAT 26 36 27 LONG 081 56 27)				
MAY , 1981 21...	--	785	26.0	120					
263630081375301 - 44S27E32 L-1418 (LAT 26 36 30 LONG 081 37 53)									
MAY , 1981 05...	--	1500	26.0	270					
263633082002701 - 44S23E27 L-1116					PINE IS CENTER (LAT 26 36 33 LONG 082 00 27)				
MAY , 1981 20...	--	660	27.0	92					
263718081485002 - 44S25E28 L-1974 (LAT 26 37 18 LONG 081 48 50)									
MAY , 1981 05...	--	690	24.5	95					
263720081573101 - 44S24E30 L-1114					FT MYERS SW (LAT 26 37 20 LONG 081 57 31)				
MAY , 1981 21...	--	2150	25.0	510					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
LEE COUNTY									
263728082043101 - 44S22E24 L-434 (LAT 26 37 28 LONG 082 04 31)									
OCT , 1980					MAY , 1981				
01...	13.70	3500	--	1000	18...	12.80	3500	27.0	1020
263743082041201 - 44S22E24 L-2645 MYTLACAA (LAT 26 37 43 LONG 082 04 12)									
MAY , 1981									
19...	--	1800	25.0	440					
263813081552801 - 44S24E20 L-2640 FT MYERS NW 11 (LAT 26 38 13 LONG 081 55 28)									
MAY , 1981									
21...	--	990	25.5	220					
263814082020701 - 44S23E1744S23E17 L-1058 MATLACHA (LAT 26 38 14 LONG 082 02 07)									
MAY , 1981									
19...	--	2150	25.5	580					
263819081585801 - 44S23E14 L-2701 FT MYERS NW (LAT 26 38 19 LONG 081 58 58)									
MAY , 1981									
20...	--	535	27.0	54					
263834082005301 - 44S23E16 L-781 (LAT 26 38 34 LONG 082 00 53)									
MAY , 1981									
19...	--	1750	26.0	440					
263850081365401 - 43S25E18 L-727 (LAT 26 38 50 LONG 081 36 54)									
MAY , 1981									
04...	--	1300	26.0	200					
263905081572801 - 44S24E18 L-1115 FT MYERS NW (LAT 26 39 05 LONG 081 57 28)									
MAY , 1981									
20...	--	1180	26.5	260					
263955082083102 - 44S22E06 L-2820 USGS BOKEELIA (LAT 26 39 55 LONG 082 08 31)									
MAY , 1981									
19...	--	2500	25.0	750					
264002082012801 - 44S23E05 L-2700 MATLACHA FL (LAT 26 40 02 LONG 082 01 28)									
MAY , 1981									
08...	--	--	--	1100					
264053081563201 - 44S24E06 L-1099 (LAT 26 40 53 LONG 081 56 32)									
MAY , 1981									
20...	--	820	26.0	110					
264054081592601 - 43S23E35 L1106 FT MYERS NW (LAT 26 40 54 LONG 081 59 26)									
MAY , 1981									
20...	--	1070	26.5	190					
264055081572701 - 43S24E31 L-1120 FT MYERS NW (LAT 26 40 55 LONG 081 57 27)									
MAY , 1981									
20...	--	710	26.0	79					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
LEE COUNTY									
264055081583101 - 43S23E35 L-1109					FT MYERS NW (LAT 26 40 55 LONG 081 58 31)				
MAY , 1981									
20...	--	790	26.0	100					
264144081520301 - 43S24E36 L-2190 HART RR (LAT 26 41 44 LONG 081 52 03)									
MAY , 1981									
04...	--	1600	25.0	340					
264146081592301 - 43S23E35 L-1107					FT MYERS NW (LAT 26 41 46 LONG 081 59 23)				
MAY , 1981									
20...	--	1000	26.5	200					
264147081562701 - 43S24E29 L-1111					FT MYERS NW (LAT 26 41 47 LONG 081 56 27)				
MAY , 1981									
19...	--	1170	26.5	230					
264241081582401 - 43S23E25 L-1110					FT MYERS NW (LAT 26 42 41 LONG 081 58 24)				
MAY , 1981									
20...	--	1850	26.0	490					
264308081405402 - 43S26E23 L -2530 LEE COUNTY					OLGA (LAT 26 43 08 LONG 081 40 54)				
MAR , 1981					JUN , 1981				
26...	--	--	--	460	15...	--	2200	26.0	500
27...	--	--	--	460	AUG				
28...	--	--	--	400	12...	--	2500	25.5	530
29...	--	--	--	360	27...	--	1000	27.0	190
APR					SEP				
04...	--	--	--	370	03...	--	1190	26.5	210
08...	--	1600	26.0	320	10...	--	1050	27.0	180
MAY					18...	--	900	27.0	140
27...	--	1750	--	340	22...	--	650	27.0	120
JUN					29...	--	730	27.0	90
01...	--	--	25.5	360					
08...	--	2100	26.0	460					
264308081410001 - 43S26E23 L-1907 AT LEE CO WATER PLANT (LAT 26 43 08 LONG 081 41 00)									
MAY , 1981									
04...	--	1110	26.0	200					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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LEE COUNTY

264309081405201 -

L-3225 USGS

OLGA (LAT 26 43 09 LONG 081 40 52)

OCT , 1980	MAR , 1981
16... -- 560 26.0 56	20... -- 2500 26.5 520
17... -- 1100 26.0 200	25... -- 2350 25.0 --
18... -- 1420 26.5 280	MAY
19... -- 1820 26.2 370	27... -- 1160 -- 220
20... -- 1920 26.5 400	28... -- 1220 25.0 230
DEC	JUN
09... -- 245 24.0 540	01... -- 1550 25.5 280
11... -- 1570 22.5 310	08... -- 1750 25.0 360
12... -- -- -- 400	15... -- 1920 25.5 --
14... -- -- -- 470	22... -- 2050 25.5 440
16... -- -- 25.5 510	JUL
JAN , 1981	06... -- 1190 26.1 490
23... -- 2490 25.0 530	17... -- 2450 26.5 500
FEB	AUG
24... -- 4200 24.5 1100	12... -- 2600 26.0 470
25... -- 2500 26.5 540	
27... -- 2600 26.5 530	

264309081405701 - 43S26E23 L -3224 LEE COUNTY OLGA (LAT 26 43 09 LONG 081 40 57)

MAY , 1981	SEP , 1981
27... -- 2450 -- 540	03... -- 2500 24.5 470
AUG	10... -- 2650 26.0 550
12... -- 2700 25.5 590	22... -- 2500 26.5 460
27... -- 2500 25.0 580	29... -- -- 27.0 550

264320081365702 - L-1978 (LAT 26 43 20 LONG 081 36 57)

MAY , 1981	
05... -- 3600 25.5 1000	

264329081340401 - L-2200 (LAT 26 43 29 LONG 081 34 04)

MAY , 1981	
04... -- 3500 27.0 910	

264359081424701 - L-1975 (LAT 26 43 59 LONG 081 42 47)

MAY , 1981	
04... -- 730 26.5 110	

264517082022101 - 43S23E07 L-1059

DUNTA GORDA SE (LAT 26 45 17 LONG 082 02 21)

MAY , 1981	
18... -- 1700 25.5 460	

264537081552202 - 43S24E04 L-2646

GILCHRIST (LAT 26 45 37 LONG 081 55 22)

MAY , 1981	
19... -- 640 26.0 86	

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
LEE COUNTY									
264541081453901 - 43S26E06 L -5605 BABCOCK TUCKERS CORNER G (LAT 26 45 41 LONG 081 45 39)									
DEC , 1980					DEC , 1980				
19...	--	45000	25.0	19350	29...	--	48000	23.0	19900
19...	--	54000	30.0	19000					
264608081454101 - L-2216 (LAT 26 46 08 LONG 081 45 41)									
MAY , 1981									
04...	--	1260	26.5	260					
270425080334701 - 39S38E20 M -1125 FPL OKEECHOBEE 4 SE 6 (LAT 27 04 25 LONG 080 33 47)									
SEP , 1981									
25...	-17.89	--	--	--					
271003080280001 - MF-9 ALLAPATAH PROP INC (LAT 27 10 03 LONG 080 28 00)									
MAY , 1981					SEP , 1981				
12...	-21.78	--	--	--	28...	-22.04	--	--	--
OKEECHOBEE COUNTY									
271110080414501 - 711041-- 38S38E02 ENKICU DIARY ON BERMAN ROAD (LAT 27 11 10 LONG 080 41 45)									
SEP , 1981									
23...	-10.35	--	--	--					
271340080504001 - 713050-- (LAT 27 13 40 LONG 080 50 40)									
SEP , 1981									
23...	-23.95	--	--	--					
271411080461201 - 714046-- (LAT 27 14 11 LONG 080 46 12)									
SEP , 1981									
25...	-16.55	--	--	--					
271438080571901 - 714057-- (LAT 27 14 38 LONG 080 57 19)									
SEP , 1981									
25...	-15.93	--	--	--					
271439080565301 - 714056 37S34E17 (LAT 27 14 39 LONG 080 56 53)									
SEP , 1981									
25...	-14.51	--	--	--					
271514080511601 - 715051 37S35E17 OK 23 J ABNEY (LAT 27 15 14 LONG 080 51 16)									
SEP , 1981									
23...	-8.64	--	--	--					
271640080571501 - 716057 37S34E05 PELAEZ AND SONS NR (LAT 27 16 40 LONG 080 57 15)									
SEP , 1981									
25...	-14.03	--	--	--					
272010080550801 - 72005501 36S34E15 DIXIE RANCH (LAT 27 20 10 LONG 080 55 08)									
SEP , 1981									
25...	-1.75	--	--	--					
272158080470901 - 721047-- 36S35E01 JONES WELL S DARK HAMMOCK RD (LAT 27 21 58 LONG 080 47 09)									
SEP , 1981									
23...	17.00	--	--	--					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
OKEECHOBEE COUNTY									
272318080561901 - 72305601 35S34E33 (LAT 27 23 18 LONG 080 56 19)									
SEP , 1981	23...	-1.85	--	--					
272427080555301 - 72405501 35S34E21 FLYING B RANCH (LAT 27 24 27 LONG 080 55 53)									
SEP , 1981	25...	-0.58	--	--					
272512081014001 - 725101-- (LAT 27 25 12 LONG 081 01 40)									
SEP , 1981	25...	6.00	--	--					
272701080575501 - 727057-- 35S34E06 BASS WELL S OF HWY-C727 (LAT 27 27 01 LONG 080 57 55)									
SEP , 1981	25...	20.23	--	--					
272704081053501 - 727105-- (LAT 27 27 04 LONG 081 05 35)									
SEP , 1981	28...	11.04	--	--					
272726081003901 - 727100-- 35S33E02 BASS WELL N OF BASSINGER (LAT 27 27 26 LONG 081 00 39)									
SEP , 1981	25...	12.36	--	--					
272817080560301 - 728056-- 34S34E31 GRIFFITH RCH N OF C724 (LAT 27 28 17 LONG 080 56 03)									
SEP , 1981	24...	18.00	--	--					
272833080560301 - 72805601 34S34E33 GRIFFITH RANCH (LAT 27 28 33 LONG 080 56 03)									
SEP , 1981	25...	26.87	--	--					
272852080595801 - 728059-- 34S33E26 1.2 MI NE OF BASINGER TOWER (LAT 27 28 52 LONG 080 59 58)									
SEP , 1981	25...	15.23	--	--					
273043080440001 - 730044-- 34S36E21 WILLIAMSON S. OF 15C (LAT 27 30 43 LONG 080 44 00)									
SEP , 1981	22...	-9.73	--	--					
273124081012401 - 731101-- 34S33E16 PEAVINE TRAIL 4 MI N OF C724 (LAT 27 31 24 LONG 081 01 24)									
SEP , 1981	25...	19.96	--	--					
273217081012601 - 34S33E09 PEAVINE TRAIL W (LAT 27 32 17 LONG 081 01 26)									
SEP , 1981	25...	23.34	--	--					
273740080551201 - 737055 33S34E03 FORT DRUM NW (LAT 27 37 40 LONG 080 55 12)									
SEP , 1981	28...	27.36	--	--					

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L) AS CL) (00940)
ORANGE COUNTY									
282051081183401 - 82011801 24S30E34 HOGGY CRK (LAT 28 20 51 LONG 081 18 34)									
MAY , 1981	11...	31.40	--	--	SEP , 1981	21...	26.52	--	--
282141081241701 - 82112401 24S29E34 TELY (LAT 28 21 41 LONG 081 24 17)									
MAY , 1981	11...	36.98	--	--	SEP , 1981	21...	31.02	--	--
282145081365601 - 82113601 24S27E28 HARTZOG RD 4" BRITT GRO (LAT 28 21 45 LONG 081 36 56)									
MAY , 1981	12...	12.31	--	--	SEP , 1981	21...	6.77	--	--
282202081384601 - 82213801 LAKE OLIVER DEEP WELL NW VINELAND, FL. (LAT 28 22 02 LONG 081 38 46)									
MAY , 1981	12...	12.95	--	--	SEP , 1981	21...	9.53	--	--
282241081112801 - 82211103 24S31E23 MOSS PARK (LAT 28 22 41 LONG 081 11 28)									
MAY , 1981	13...	30.50	--	--	SEP , 1981	23...	25.63	--	--
282241081112802 - 82211104 24S31E23 MOSS PARK SHALLOW (LAT 28 22 41 LONG 081 11 28)									
MAY , 1981	13...	12.31	--	--					
282250081302101 - 82213001 24S28E22 CID OBSER. WELL NO. 3 (LAT 28 22 50 LONG 081 30 21)									
MAY , 1981	11...	25.01	--	--	SEP , 1981	21...	21.05	--	--
282331081370801 - 82313702 27416 E USGS WELL HARTZOG RD (LAT 28 23 31 LONG 081 37 08)									
MAY , 1981	12...	13.74	--	--	SEP , 1981	21...	10.59	--	--
282354081313001 - 82313104 24S28E17 RCID OBSER. WELL NO. 1 (LAT 28 23 54 LONG 081 31 30)									
MAY , 1981	11...	26.94	--	--	SEP , 1981	21...	22.57	--	--
282434081260301 - ORF-41 (LAT 28 24 34 LONG 081 26 03)									
MAY , 1981	11...	29.48	--	--	SEP , 1981	21...	22.99	--	--
282434081283101 - 82412801 SEA WORLD DRIVE WELL NEAR VINELAND, FL. (LAT 28 24 34 LONG 081 28 31)									
MAY , 1981	11...	45.82	--	--	SEP , 1981	21...	40.81	--	--
282508081185802 - 82511802 24S30E09 (LAT 28 25 08 LONG 081 18 58)									
MAY , 1981	11...	42.23	--	--	SEP , 1981	23...	38.10	--	--

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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ORANGE COUNTY

282528081340901 - 82513402 BAY LAKE DEEP WELL NR WINDERMERE, FL. (LAT 28 25 28 LONG 081 34 09)

MAY , 1981	12...	11.67	--	--	SEP , 1981	21...	8.81	--	--
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282530081094001 - 82510903 COCOA 17 (LAT 28 25 30 LONG 081 09 40)

JUN , 1981	15...	--	660	24.0	38
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282531081095701 - 82510901 USGS OBSER W. COCOA D NR NARCOOSSEE, FL. (LAT 28 25 31 LONG 081 09 57)

MAY , 1981	13...	45.39	--	--	SEP , 1981	23...	40.53	--	--
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282534081220601 - 82512203 24S29E01 (LAT 28 25 34 LONG 081 22 06)

MAY , 1981	11...	50.69	--	--	SEP , 1981	25...	41.55	--	--
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282543081385801 - 82513801 24S27E06 142 J H MATHIAS (LAT 28 25 43 LONG 081 38 58)

MAY , 1981	12...	13.56	--	--	SEP , 1981	21...	11.54	--	--
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282545081240901 - 82512401 24S29E03 (LAT 28 25 45 LONG 081 24 09)

MAY , 1981	11...	53.41	--	--	SEP , 1981	21...	47.81	--	--
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282556081302402 - 82513002 24S28E03 (LAT 28 25 56 LONG 081 30 24)

MAY , 1981	11...	54.10	--	--	SEP , 1981	21...	49.54	--	--
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282611081320501 - 82613201 28332 E USGS WELL SUNSET DRIVE (LAT 28 26 11 LONG 081 32 05)

MAY , 1981	12...	24.83	--	--	SEP , 1981	21...	19.58	--	--
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282623081153801 - 82611501 OBSER WELL COCOA P NR TAFT, FL. (LAT 28 26 23 LONG 081 15 38)

MAY , 1981	13...	50.81	--	--	SEP , 1981	23...	45.41	--	--
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282649081262301 - 82612604 23S29E32 ORANGE COUNTY (LAT 28 26 49 LONG 081 26 23)

MAY , 1981	11...	40.20	--	--	SEP , 1981	21...	32.91	--	--
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282709081283001 - 82712804 23S28E25 USGS WELL NR I-4 + 528A (LAT 28 27 09 LONG 081 28 30)

MAY , 1981	11...	74.56	--	--	SEP , 1981	21...	68.81	--	--
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282738081341401 - 82713405 LAKE SAWYER WELL NEAR WINDERMERE, FL. (LAT 28 27 38 LONG 081 34 14)

MAY , 1981	12...	39.93	--	--	SEP , 1981	22...	33.82	--	--
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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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ORANGE COUNTY

282749081315801 - 82713101 23S28E29 (LAT 28 27 49 LONG 081 31 58)

MAY , 1981	12...	34.87	--	--	SEP , 1981	22...	27.62	--	--
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282752081332301 - BUTLER SHALLOW WELL #5 NEAR WINDERMERE (LAT 28 27 52 LONG 081 33 23)

MAR , 1981	30...	--	260	24.5	40
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282800081332501 - BUTLER SHALLOW WELL #6 NEAR WINDERMERE (LAT 28 28 00 LONG 081 33 25)

MAR , 1981	30...	--	122	24.0	8.0	JUN , 1981	12...	--	138	33.0	7.8
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282811081332101 - BUTLER SHALLOW WELL #4 NEAR WINDERMERE (LAT 28 28 11 LONG 081 33 21)

MAR , 1981	30...	--	300	29.0	27	JUN , 1981	12...	--	295	33.0	25
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282838081323801 - BUTLER SHALLOW WELL #7 NEAR WINDERMERE (LAT 28 28 38 LONG 081 32 38)

MAR , 1981	30...	--	425	29.0	21
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282842081324001 - BUTLER SHALLOW WELL #3 NEAR WINDERMERE (LAT 28 28 42 LONG 081 32 40)

MAR , 1981	30...	--	405	30.0	13
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282911081243601 - 100 FT S OF AMERICAN BLVD. 100 FT W OF TEXAS AVE (LAT 28 29 11 LONG 081 24 36)

MAY , 1981	11...	57.40	--	--	SEP , 1981	21...	51.42	--	--
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282923081282801 - 82912802 23S28E13 IVEY'S NURSEY TURKEY LK RD (LAT 28 29 23 LONG 081 28 28)

MAY , 1981	11...	66.25	--	--	SEP , 1981	22...	60.31	--	--
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282936081340201 - 82913405 23S27E12 ROSS WELL ON LK BUTLER (LAT 28 29 36 LONG 081 34 02)

MAY , 1981	12...	38.16	--	--	SEP , 1981	22...	33.42	--	--
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282945081255001 - 82912501 23S29E08 ORANGE 39 (LAT 28 29 45 LONG 081 25 50)

MAY , 1981	11...	49.19	--	--	--
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283144081254201 - 83112504 22S29E32 0-174 LK MANN DRAIN WEL (LAT 28 31 44 LONG 081 25 42)

MAY , 1981	11...	47.84	--	--	SEP , 1981	21...	42.99	--	--
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274500081040001 - 745104-- 31S33E30 ADAMS RANCH ON US441 (LAT 27 45 00 LONG 081 04 00)

MAY , 1981	20...	30.73	--	--	--
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GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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OSCEOLA COUNTY

274947080584001 - 74905801HAYMAN W. NR. KENANSVILLE, FL. (LAT 27 49 47 LONG 080 58 40)

SEP , 1981
22... 2.47 -- -- --

275222081030701 - 75210302OBSER W.OS243 AT LAKE MARIAN, FL. (LAT 27 52 22 LONG 081 03 07)

MAY , 1981 14... 10.95 -- -- --	SEP , 1981 23... 9.16 -- -- --
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275429081071901 - 754107-- 30S32E04 PARRIE LK STPARK (LAT 27 54 29 LONG 081 07 19)

SEP , 1981
22... 49.76 -- -- --

275609081132001 - 75611301 29S31E28 OS-319 JOE OVERSTREET (LAT 27 56 09 LONG 081 13 20)

MAY , 1981 14... 17.15 -- -- --	SEP , 1981 23... 11.92 -- -- --
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280054081103901 - 80011001 28S31E25 PAUGETT (LAT 28 00 54 LONG 081 10 39)

MAY , 1981 14... 35.22 -- -- --	SEP , 1981 23... 29.75 -- -- --
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280820081213901 - 80812103 27S29E13 SO PORT PARK (LAT 28 08 20 LONG 081 21 39)

MAY , 1981 13... 11.67 -- -- --	SEP , 1981 24... 6.84 -- -- --
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280905081270101 - 80912701 27S29E06 REEDY CR OVERLOOK WELL NH SO (LAT 28 09 05 LONG 081 27 01)

MAY , 1981 13... 4.47 -- -- --	SEP , 1981 24... -0.93 -- -- --
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281006081162601 - 80711601 27S30E01 CANOE CR CAMPGROUND (LAT 28 10 06 LONG 081 16 26)

MAY , 1981 14... 27.87 -- -- --	SEP , 1981 23... 24.35 -- -- --
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281037081075101 - 81010701 26S32E32 OS-216 (LAT 28 10 37 LONG 081 07 51)

MAY , 1981 13... 32.64 -- -- --	SEP , 1981 24... 29.01 -- -- --
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281146081211701 - 811121-- 26S30E30 WHALEY WELL NR KISSIMMEE PAR (LAT 28 11 46 LONG 081 21 17)

MAY , 1981 14... 30.93 -- -- --	SEP , 1981 23... 25.90 -- -- --
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281341081281301 - OSF-28 (LAT 28 13 41 LONG 081 28 13)

SEP , 1981
25... 13.60 -- -- --

281429081290501 - 81412901 26S28E11 OS-254 (LAT 28 14 29 LONG 081 29 05)

MAY , 1981 13... 16.53 -- -- --	SEP , 1981 24... 13.95 -- -- --
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GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
DATE				DATE			
(72019)	(00095)	(00010)	(00940)	(72019)	(00095)	(00010)	(00940)
OSCEOLA COUNTY							
281440081150901 - 81411502 26S31E07 OS-129 (LAT 28 14 40 LONG 081 15 09)							
SEP , 1981							
24...	28.68	--	--				
281443081140501 - 81411406 26S31E08 OS-250 (LAT 28 14 43 LONG 081 14 05)							
MAY , 1981				SEP , 1981			
14...	33.04	--	--	24...	28.22	--	--
281456081161101 - 81411601 26S30E01 CITY ST CLOUD 10TH & OREGON (LAT 28 14 56 LONG 081 16 11)							
SEP , 1981							
24...	29.67	--	--				
281456081171701 - 814117-- 26S36E02 CITY ST. CLOUD UNUSED WELL (LAT 28 14 56 LONG 081 17 17)							
MAY , 1981				SEP , 1981			
12...	31.46	--	--	21...	26.54	--	--
281536081324801 - 815132-- 25S28E31 FPC SRKOI (LAT 28 15 36 LONG 081 32 48)							
MAY , 1981				SEP , 1981			
12...	-1.46	--	--	23...	-4.61	--	--
281559081260701 - 815126-- 25S29E32 SHINGLE CRAFT 531A (LAT 28 15 59 LONG 081 26 07)							
MAY , 1981				SEP , 1981			
12...	3.58	--	--	23...	-1.53	--	--
281653081221101 - 816122 25S29E25 OS-75 (LAT 28 16 53 LONG 081 22 11)							
MAY , 1981				SEP , 1981			
14...	25.05	--	--	23...	19.28	--	--
281714081093001 - 81710901 LAKE JOEL W. NR. ASHTON, FL. (LAT 28 17 14 LONG 081 09 30)							
MAY , 1981				SEP , 1981			
19...	26.32	--	--	25...	21.44	--	--
281719081134001 - 81711301 25S31E28 SOUTH EAGLE RD E. NARCOOSSEE (LAT 28 17 19 LONG 081 13 40)							
MAY , 1981				SEP , 1981			
14...	38.46	--	--	24...	36.30	--	--
281802081351601 - 81813502 (LAT 28 18 02 LONG 081 35 16)							
MAY , 1981				SEP , 1981			
13...	21.88	--	--	23...	19.25	--	--
281802081352501 - 81813501 25S27E14 USGS WELL SR545 2.1MI S US192 (LAT 28 18 02 LONG 081 35 25)							
MAY , 1981							
13...	11.52	--	--				
281931081280301 - 81912804 24S28E12 KOA CAMP ON US192 NR KISSIMMEE (LAT 28 19 31 LONG 081 28 03)							
MAY , 1981				SEP , 1981			
13...	19.15	--	--	23...	16.09	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

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DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
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OSCEOLA COUNTY

281937081245901 - 81912401 25S29E09 OS U.L (LAT 28 19 37 LONG 081 24 59)

MAY , 1981	SEP , 1981
12... 39.15 -- -- --	23... 31.99 -- -- --

282000081344801 - 82013401 25S27E02 USGS WELL NR REEDY CR + US192 (LAT 28 20 00 LONG 081 34 48)

MAY , 1981	SEP , 1981
12... -9.52 -- -- --	23... -13.29 -- -- --

282051081133201 - 82011301 25S31E04 LAKE AJAY VILLAGE WELL SR15 (LAT 28 20 51 LONG 081 13 32)

MAY , 1981	SEP , 1981
13... 21.81 -- -- --	24... 16.87 -- -- --

PALM BEACH COUNTY

262109080175101 - PB-1428 (LAT 26 21 09 LONG 080 17 51)

JUL , 1981	JUL , 1981
01... -- 1400 -- 217	01... -- 5400 -- 1400
01... -- 1500 -- 242	01... -- 5800 -- 1600
01... -- 1500 -- 240	01... -- 6300 -- 1800
01... -- 1575 -- 230	01... -- 6250 -- 1700
01... -- 1850 -- 352	01... -- 6200 -- 1800
01... -- 2175 -- 450	02... -- 6200 -- 1700
01... -- 2275 -- 450	02... -- 6100 -- 1700
01... -- 2650 -- 575	02... -- 6200 -- 1700
01... -- 3600 -- 900	02... -- 6100 -- 1700
01... -- 4650 -- 1250	
01... -- 5400 -- 1450	

POLK COUNTY

273924081213601 - 73912102 32S30E30 AVON PARK PRISON (LAT 27 39 24 LONG 081 21 36)

MAY , 1981	SEP , 1981
20... -2.70 -- -- --	22... -13.50 -- -- --

273959081215601 - 73912101 32S30E30 USAF AVON PARK #2 (LAT 27 39 59 LONG 081 21 56)

MAY , 1981	SEP , 1981
20... -4.60 -- -- --	

274553081115601 - 745111-- 31S31E23 RIVER RANCH PUBLIC SUPPLY (LAT 27 45 53 LONG 081 11 56)

MAY , 1981	SEP , 1981
20... 16.05 -- -- --	21... 11.20 -- -- --

274746081202201 - 747120-- 31S30E08 INDIAN LK ESTATES GOLF COURSE (LAT 27 47 46 LONG 081 20 22)

SEP , 1981	SEP , 1981
22... 38.75 -- -- --	

274815081130301 - 74811301 RIVER RANCH WELL NR INDIAN LAKE ESTATES (LAT 27 48 15 LONG 081 13 03)

SEP , 1981	SEP , 1981
22... 9.70 -- -- --	

274846081262001 - 74812601 OBSER W. AT L. WEOHYAKAPKA NR FRUSTRPROOF (LAT 27 48 46 LONG 081 26 20)

MAY , 1981	SEP , 1981
20... -7.12 -- -- --	22... -16.10 -- -- --

275137081252501 - 751125-- 30S29E21 E. LK. WALES UTILITY (LAT 27 51 37 LONG 081 25 25)

MAY , 1981	SEP , 1981
20... -4.90 -- -- --	22... -13.40 -- -- --

GROUND WATER QUALITY RECORDS
OCTOBER 1960 TO SEPTEMBER 1961
TEMPERATURE, CONDUCTANCE
AND CHLORIDE

DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)	DATE	DEPTH BELOW LAND SURFACE (WATER LEVEL) (FEET) (72019)	SPE- CIFIC CON- DUCT- ANCE (UMHOS) (00095)	TEMPER- ATURE (DEG C) (00010)	CHLO- RIDE, DIS- SOLVED (MG/L AS CL) (00940)
POLK COUNTY									
275622081252301 - 756125 29S29E28 L. ROSALIE NW (LAT 27 56 22 LONG 081 25 23)									
MAY , 1981					SEP , 1981				
19...	7.21	--	--	--	21...	1.69	--	--	--
275634081211801 - 756121-- 29S30E19 KISS STPK NR LK KISSIMMEE (LAT 27 56 34 LONG 081 21 18)									
MAY , 1981					SEP , 1981				
19...	5.65	--	--	--	21...	0.51	--	--	--
280153081274101 - 801127-- 28S29E19 LK HATCHI NR HAINES CITY (LAT 28 01 53 LONG 081 27 41)									
MAY , 1981					SEP , 1981				
19...	-8.40	--	--	--	21...	13.30	--	--	--
280558081314801 - 805131-- 27S28E29 KIMBELL WELL NR LK MARION (LAT 28 05 58 LONG 081 31 48)									
SEP , 1981									
21...	2.60	--	--	--					
271425080371701 - SLF-41 BLUEFIELD RANCH (LAT 27 14 25 LONG 080 37 17)									
MAY , 1981									
19...	1.95	--	--	--					
272503080295701 - SLF-40 (LAT 27 25 03 LONG 080 29 57)									
SEP , 1981									
21...	-19.00	--	--	--					
272618080192801 - 35S40E15NWNWNE SL-190 FORT PIR SALINITY WELL (LAT 27 26 18 LONG 080 19 28)									
MAY , 1981									
16...	8.55	550	26.0	24					
272703080194801 - 35S40E10SENWNW SL-191 FORT PIR SALINITY WELL (LAT 27 27 03 LONG 080 19 48)									
MAY , 1981									
16...	3.70	603	25.5	45					
272806080201801 - 35S40E4NENWNE SL-192 FORT PIR SALINITY WELL (LAT 27 28 06 LONG 080 20 18)									
MAY , 1981									
16...	16.40	563	25.5	23					

GROUND WATER QUALITY RECORDS

Major Constituents

Data in this section include the following parameters:

pH field	Color
Turbidity	Hardness as CaCO ₃
Hardness, noncarbonate	Calcium, dissolved
Magnesium, dissolved	Sodium, dissolved
Sodium, percent	Sodium, adsorption ratio
Potassium, dissolved	Bicarbonate
Carbonate	Alkalinity
Sulfate, dissolved	Fluoride, dissolved
Silica, dissolved	Solids, res at 180°C dissolved
Solids, sum of constituents, dis	Solids, dissolved, tons per ac-ft
Iron, dissolved	Strontium, dissolved

The following remarks codes may appear with the data in this section:

E	Estimated value
<	Actual value is known to be less than the value shown
>	Actual value is known to be greater than the value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptance range (non-ideal colony count)

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
BROWARD COUNTY											
255722060245501 - G-2317 (LAT 25 57 22 LONG 080 24 55)											
JUN , 1981 08...	7.2	70	--	260	14	84	11	60	34	1.6	1.3
255724080203601 - G-2318 (LAT 25 57 24 LONG 080 20 36)											
JUN , 1981 09...	7.0	60	--	310	56	110	7.4	30	18	.7	.7
10...	7.0	60	--	310	28	110	9.0	22	13	.5	.8
10...	7.1	10	--	250	0	71	18	100	46	2.7	4.6
11...	7.3	5	--	240	0	62	19	96	46	2.7	6.3
255732080325601 - G-2316 (LAT 25 57 32 LONG 080 32 56)											
JUN , 1981 05...	7.2	50	--	270	17	80	17	58	32	1.5	3.2
05...	--	40	--	270	0	80	16	52	30	1.4	3.4
05...	7.3	10	--	260	0	70	19	95	44	2.6	7.7
05...	7.4	10	--	200	0	44	22	160	61	4.9	14
08...	7.4	10	--	300	0	56	39	470	74	12	40
255829080144801 - G-2327 (LAT 25 58 29 LONG 080 14 48)											
JUL , 1981 06...	7.6	30	--	110	13	38	2.3	9.2	16	.4	.5
06...	7.3	90	--	190	13	70	4.0	7.6	8	.2	.5
06...	7.3	5	--	330	0	100	20	200	56	4.8	9.0
07...	7.2	10	--	350	2	84	34	340	67	7.9	18
07...	7.3	10	--	350	2	80	37	400	70	9.3	20
07...	--	5	--	340	39	56	48	560	76	13	36
255958080522201 - G-2346 (LAT 25 59 58 LONG 080 52 22)											
AUG , 1981 05...	7.0	0	--	330	0	80	30	210	57	5.1	14
05...	7.1	0	--	330	0	82	30	220	58	5.3	14
06...	7.6	0	--	260	0	56	28	210	63	5.7	13
260027080110103 - G-2038A WALLER WELL (LAT 26 00 27 LONG 080 11 01)											
JUL , 1981 29...	--	30	--	290	43	110	3.9	21	13	.5	3.1
260032080135702 - 51S41E15 G2160 #1 (LAT 26 00 32 LONG 080 13 57)											
JUL , 1981 30...	--	75	--	200	0	74	3.5	11	11	.3	.6
260311080120402 - 50S41E36 G-2270 USGS OBS WELL NR FT LAUD, FL (LAT 26 03 11 LONG 080 12 04)											
JUL , 1981 29...	--	40	--	270	8	94	8.4	38	23	1.0	1.9

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

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DATE	BICAR- BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)	ALKA- LINITY FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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BROWARD COUNTY

255722080245501 - G-2317 (LAT 25 57 22 LONG 080 24 55)

JUN , 1981											
08...	300	0	246	1.0	.4	8.7	458	417	--	1500	800

255724080203601 - G-2318 (LAT 25 57 24 LONG 080 20 36)

JUN , 1981											
09...	310	0	254	17	.4	9.1	456	394	--	1600	1000
10...	344	0	282	20	.4	8.8	409	378	--	1800	1100
10...	412	0	338	.6	.5	16	521	516	--	850	1600
11...	368	0	302	7.0	.5	18	498	492	--	20	1400

255732080325601 - G-2316 (LAT 25 57 32 LONG 080 32 56)

JUN , 1981											
05...	308	0	253	20	.4	10	426	416	--	920	1200
05...	>346	0	284	21	.4	13	431	432	--	100	1200
05...	466	0	382	16	.4	15	526	522	--	500	1300
05...	470	0	385	34	.5	28	652	645	--	440	800
08...	490	0	402	68	.7	46	1580	1640	--	100	1000

255829080144801 - G-2327 (LAT 25 58 29 LONG 080 14 48)

JUL , 1981											
06...	112	0	92	6.9	.3	11	154	138	--	230	290
06...	216	0	177	7.0	.3	9.8	262	219	--	1500	480
06...	464	0	381	.3	.2	18	916	886	--	8100	1800
07...	424	0	348	85	.2	19	1350	1320	--	540	1400
07...	424	0	348	100	.2	20	1440	1440	--	720	1300
07...	>365	0	299	190	.6	21	1950	1900	--	--	960

255958080522201 - G-2346 (LAT 25 59 58 LONG 080 52 22)

AUG , 1981											
05...	536	0	440	62	.5	42	964	945	--	1060	1200
05...	536	0	440	62	.5	44	960	969	--	910	1200
06...	444	0	364	63	.5	18	847	856	--	8100	720

260027080110103 - G-2038A WALLER WELL (LAT 26 00 27 LONG 080 11 01)

JUL , 1981											
29...	303	0	249	38	.2	4.9	380	361	--	--	1100

260032080135702 - 51S41E15 G2160 #1 (LAT 26 00 32 LONG 080 13 57)

JUL , 1981											
30...	248	0	203	1.8	.2	9.6	260	241	--	--	850

260311080120402 - 50S41E36 G-2270 USGS OBS WELL NR FT LAUD, FL (LAT 26 03 11 LONG 080 12 04)

JUL , 1981											
29...	321	0	263	.2	.2	94	400	460	--	--	1300

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CACO3) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CACO3) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
BROWARD COUNTY											
260335080263701 - 6-2311 (LAT 26 03 35 LONG 080 26 37)											
MAY, 1981											
26...	7.2	100	--	280	0	85	17	75	36	1.9	3.2
26...	6.9	75	--	280	0	80	18	70	35	1.8	3.4
26...	7.0	10	--	480	100	110	50	420	65	8.3	11
26...	--	10	--	480	100	100	55	470	68	9.4	12
27...	7.3	10	--	400	23	70	55	640	76	14	28
27...	7.1	10	--	390	4	65	55	620	76	14	30
260532080503601 - 6-2338 (LAT 26 05 32 LONG 080 50 36)											
JUL, 1981											
15...	7.1	35	--	270	0	76	20	220	62	5.8	12
15...	7.1	50	--	270	0	76	20	220	62	5.8	12
260532080503602 - 6-2339 (LAT 26 05 32 LONG 080 50 36)											
SEP, 1981											
24...	7.3	20	--	240	0	80	10	38	25	1.1	3.0
260617080161201 - 6-2322 (LAT 26 06 17 LONG 080 16 12)											
JUN, 1981											
22...	7.1	85	--	280	10	90	12	68	35	1.8	2.5
22...	7.1	100	--	260	6	94	6.4	59	33	1.6	1.2
22...	7.1	80	--	270	6	98	5.5	46	27	1.2	1.2
23...	7.1	75	--	290	8	100	8.8	100	43	2.6	4.3
23...	7.1	30	--	300	20	96	15	160	53	4.0	9.4
JUL 23...	--	--	--	--	--	--	--	--	--	--	--
260641080123501 - 6-2345 (LAT 26 06 41 LONG 080 12 35)											
JUL, 1981											
30...	--	40	--	290	52	110	2.3	17	11	1.4	1.7
30...	7.0	50	--	280	51	110	2.2	17	11	1.4	1.7
30...	7.0	60	--	280	51	110	2.1	17	11	1.4	1.7
30...	7.7	20	--	310	21	120	3.1	18	11	1.4	1.8
30...	6.9	25	--	310	25	120	3.2	18	11	1.4	1.7
30...	6.9	35	--	310	22	120	3.1	18	11	1.4	1.7
30...	8.0	5	--	420	28	150	8.9	66	26	1.4	2.5
30...	7.0	5	--	410	26	150	8.8	63	25	1.4	2.4
30...	6.9	5	--	410	23	150	8.4	61	24	1.3	2.3
30...	7.7	5	--	470	140	140	29	360	62	7.2	16
30...	7.1	5	--	450	110	140	24	320	60	6.6	14
30...	7.1	5	--	450	110	140	24	320	60	6.6	14
31...	7.1	0	--	430	85	140	20	240	54	5.0	11
31...	7.6	0	--	460	150	110	44	520	70	11	26
SEP 30...	7.2	5	--	670	390	120	90	1200	77	20	70
260742080220001 - 6-2321 (LAT 26 07 42 LONG 080 22 00)											
JUN, 1981											
17...	7.2	45	--	170	0	56	8.0	66	51	2.8	2.9
18...	7.3	70	--	190	0	62	9.0	78	47	2.5	2.6
18...	7.2	15	--	300	0	70	30	100	41	2.5	12
18...	7.2	10	--	300	0	66	31	120	46	3.1	14
18...	--	7	--	230	0	34	36	240	66	6.8	24
19...	--	5	--	200	0	24	34	300	73	9.2	32

GROUND WATER QUALITY RECORDS
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DATE	BICAR- BONATE FET-FLD (MG/L AS HCO3) (00440)	CAK- BONATE FET-FLD (MG/L AS CO3) (00445)	ALKA- LINITY FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
BROWARD COUNTY											
260335080263701 - 6-2311 (LAT 26 03 35 LONG 080 26 37)											
MAY , 1981											
26...	350	0	287	1.6	.9	14	534	482	--	1100	1300
26...	360	0	295	7.2	.4	15	518	474	--	490	2800
26...	460	0	377	76	.4	30	1720	1590	--	2700	2600
26...	460	0	377	100	.5	31	1910	1740	--	2600	1800
27...	460	0	377	170	.5	42	2180	2160	--	1700	1700
27...	470	0	385	170	.5	44	2140	2130	--	480	1700
260532080503601 - 6-2338 (LAT 26 05 32 LONG 080 50 36)											
JUL , 1981											
15...	568	0	466	43	.5	32	897	885	--	660	920
15...	572	0	469	43	.5	34	897	889	--	820	960
260532080503602 - 6-2339 (LAT 26 05 32 LONG 080 50 36)											
SEP , 1981											
24...	292	0	239	5.6	.5	11	357	345	--	140	560
260617080161201 - 6-2322 (LAT 26 06 17 LONG 080 16 12)											
JUN , 1981											
22...	324	0	266	.9	.3	10	484	456	--	1800	1100
22...	310	0	254	.9	.2	7.3	459	421	--	1400	650
22...	320	0	262	.8	.3	8.6	430	398	--	2200	750
23...	344	0	282	4.5	.3	11	594	574	--	4100	1000
23...	344	0	282	24	.3	11	728	726	--	1200	1000
JUL											
23...	352	--	289	--	--	--	--	--	--	--	--
260641080123501 - 6-2345 (LAT 26 06 41 LONG 080 12 35)											
JUL , 1981											
30...	284	0	233	38	.3	6.9	374	347	--	--	580
30...	284	0	233	38	.2	7.0	374	347	--	--	540
30...	284	0	233	38	.2	7.0	375	348	--	1300	540
30...	352	0	289	13	.3	10	371	370	--	--	1000
30...	352	0	289	14	.3	10	392	376	--	3700	1000
30...	356	0	292	14	.3	10	387	374	--	3900	1000
30...	480	0	394	.3	.2	20	528	614	--	--	9200
30...	472	0	387	.1	.2	20	628	591	--	1300	2300
30...	474	0	389	.2	.2	20	631	590	--	1500	2200
30...	404	0	331	23	.3	20	1440	1410	--	--	1900
30...	412	0	338	17	.3	19	1350	1260	--	1000	2000
30...	416	0	341	16	.2	19	1310	1270	--	2000	2000
31...	426	0	349	15	.3	21	1090	1060	--	2900	2100
31...	382	0	313	94	.5	24	1910	1880	--	--	2000
SEP											
30...	340	0	274	310	.6	22	4090	3980	--	130	2100
260742080220001 - 6-2321 (LAT 26 07 42 LONG 080 22 00)											
JUN , 1981											
17...	232	0	190	.8	.4	7.3	432	398	--	1100	870
18...	244	0	200	.9	.3	7.5	435	402	--	700	880
18...	448	0	367	9.4	.6	32	596	579	--	1100	2800
18...	452	0	371	9.4	.6	34	610	632	--	1400	2500
18...	>472	0	387	23	1.0	28	840	840	--	--	1000
19...	>524	0	430	37	1.0	21	994	978	--	--	1100

GROUND WATER QUALITY RECORDS
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DATE	PH (UNITS) (00400)	COLOH (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
BROWARD COUNTY											
260843080283901 - 6-2319 (LAT 26 08 43 LONG 080 28 39)											
JUN , 1981											
12...	6.7	70	--	440	23	150	15	76	27	1.6	.8
12...	7.0	10	--	420	0	88	48	270	57	5.8	18
12...	7.1	20	--	380	0	76	46	440	70	9.8	25
15...	7.3	10	--	340	0	60	46	580	77	14	27
260844080415901 - 6-2330 (LAT 26 08 44 LONG 080 41 59)											
JUL , 1981											
13...	6.9	90	--	350	0	120	11	48	23	1.1	1.1
14...	7.1	10	--	310	0	80	26	280	65	7.0	12
14...	7.2	20	--	270	0	64	26	380	74	10	16
260846080354201 - 6-2320 (LAT 26 08 46 LONG 080 35 42)											
JUN , 1981											
15...	7.0	5	--	430	0	130	23	48	20	1.0	1.2
15...	7.0	0	--	390	0	110	27	140	44	3.1	6.5
16...	7.2	5	--	290	0	76	24	300	68	7.7	12
16...	7.3	5	--	380	35	80	43	400	68	9.0	20
16...	7.5	5	--	370	35	76	42	400	69	9.1	23
261014080512201 - 6-2329 (LAT 26 10 14 LONG 080 51 22)											
JUL , 1981											
10...	7.1	25	--	280	0	88	15	140	51	3.6	7.1
10...	7.2	30	--	280	0	88	14	160	55	4.2	8.2
261016080492601 - 50S35E03 G -2296 USGS EVERGLADES 3 NE 6 (LAT 26 10 16 LONG 080 49 26)											
OCT , 1980											
18...	7.9	3	--	680	580	87	110	630	66	11	33
MAR , 1981											
03...	7.7	<5	--	1300	1300	135	240	2700	60	32	83
03...	7.8	<5	--	6400	6400	420	1300	11000	78	60	420
06...	7.9	<5	--	530	410	76	81	500	66	9.5	22
07...	8.2	<5	--	570	460	72	92	1100	80	20	29
08...	7.8	<5	--	540	430	78	82	500	66	9.4	21
08...	7.9	<5	--	1300	1200	120	240	1700	73	21	81
09...	7.8	<5	--	550	460	79	83	500	66	9.4	23
09...	8.0	<5	--	840	740	97	140	1700	81	26	43
APR											
01...	7.5	5	--	3400	3300	240	680	6100	78	46	220
261143080121101 - 49S41E07 G1230 J33 (LAT 26 11 43 LONG 080 12 11)											
AUG , 1981											
06...	--	30	--	320	21	120	4.0	22	13	.5	1.0
261343080175801 - 6-2341 (LAT 26 13 43 LONG 080 17 58)											
JUL , 1981											
20...	7.3	130	--	290	17	74	24	100	43	2.6	5.8
20...	7.2	60	--	300	0	89	18	100	42	2.5	4.4
20...	7.0	20	--	390	0	140	8.3	75	30	1.7	2.3

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DATE	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS C03) (00445)	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS S102) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRUN- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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BROWARD COUNTY

260843080283901 - 6-2319 (LAT 26 08 43 LONG 080 28 39)

JUN , 1981

12...	506	0	415	.6	.3	8.2	663	614	--	2500	1200
12...	568	0	466	77	.6	30	1160	1180	--	530	2900
12...	580	0	476	130	.6	34	1620	1610	--	1100	2500
15...	616	0	505	150	.6	38	1930	1930	--	100	1800

260844080415901 - 6-2330 (LAT 26 08 44 LONG 080 41 59)

JUL , 1981

13...	456	0	374	.3	.3	8.6	516	481	--	2200	800
14...	592	0	486	67	.5	28	1090	1080	--	780	1300
14...	610	0	500	92	.5	32	1290	1280	--	590	1100

260846080354201 - 6-2320 (LAT 26 08 46 LONG 080 35 42)

JUN , 1981

15...	548	0	449	.8	.6	14	541	561	--	5400	10000
15...	580	0	476	27	.4	24	760	764	--	830	2800
16...	536	0	440	100	.5	28	1090	1100	--	680	1800
16...	420	0	344	200	.5	29	1500	1500	--	650	1900
16...	408	0	335	200	.6	28	1490	1490	--	700	1800

261014080512201 - 6-2329 (LAT 26 10 14 LONG 080 51 22)

JUL , 1981

10...	540	0	443	10	.5	24	686	672	--	480	880
10...	544	0	446	16	.4	26	705	722	--	360	720

261016080492601 - 50S35E03 G -2296 USGS EVERGLADES 3 NE G (LAT 26 10 16 LONG 080 49 26)

OCT , 1980

18...	--	--	--	410	1.9	9.4	2670	2550	3.6	370	6500
MAR , 1981											
03...	--	--	104	730	1.4	9.6	8540	7090	--	--	17000
03...	--	--	121	2800	.8	2.3	38000	31100	--	5000	6800
06...	--	--	--	430	1.5	11	1930	1880	--	--	9300
07...	--	--	110	450	1.7	9.8	3640	3400	--	470	13000
08...	--	--	100	380	.3	13	1930	1740	--	50	9400
08...	--	--	--	680	1.5	11	6450	5830	--	--	11000
09...	--	--	100	400	1.5	11	2000	1990	--	40	9300
09...	--	--	110	520	1.6	9.8	5290	5310	--	--	22000
APR											
01...	128	--	105	1700	1.1	7.3	20300	20100	--	380	5800

261143080121101 - 49S41E07 G1230 333 (LAT 26 11 43 LONG 080 12 11)

AUG , 1981

06...	362	0	297	6.9	.2	13	444	385	--	--	1600
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261343080175801 - 6-2341 (LAT 26 13 43 LONG 080 17 58)

JUL , 1981

20...	328	0	269	23	.6	16	610	559	--	1700	1800
20...	372	0	305	13	.7	15	640	575	--	440	1600
20...	484	0	397	4.0	.4	15	620	597	--	610	2900

GROUND WATER QUALITY RECORDS
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MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- NUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
BROWARD COUNTY											
261347080273701 - G-2312 (LAT 26 13 47 LONG 080 27 37)											
MAY , 1981											
28...	8.2	65	--	370	0	100	28	100	37	2.3	4.9
28...	7.1	90	--	370	0	110	23	120	41	2.7	3.3
28...	7.0	40	--	390	0	110	27	74	29	1.6	2.4
28...	7.0	30	--	400	0	96	39	300	61	6.5	12
28...	7.1	30	--	380	0	85	41	400	68	8.9	18
261348080122001 - G-2342 (LAT 26 13 48 LONG 080 12 20)											
JUL , 1981											
21...	--	30	--	260	10	100	2.4	22	16	.6	.9
21...	7.0	70	--	290	10	110	2.8	22	14	.6	.9
22...	6.8	30	--	340	0	130	3.9	23	13	.5	1.1
22...	6.9	10	--	390	0	140	9.8	47	21	1.0	2.5
22...	6.9	10	--	400	0	140	12	57	24	1.2	3.1
22...	6.9	30	--	400	0	140	12	65	26	1.4	3.7
261348080122002 - 41E48S36 G-2343 (LAT 26 13 48 LONG 080 12 20)											
SEP , 1981											
24...	7.0	65	--	220	5	86	2.1	24	19	.7	5.0
261458080494701 - G-2340 (LAT 26 14 58 LONG 080 49 47)											
JUL , 1981											
16...	7.1	35	--	330	0	110	12	100	40	2.4	4.5
16...	7.0	30	--	300	0	100	12	130	48	3.3	4.8
16...	7.0	45	--	350	0	120	13	260	61	6.0	7.4
261938080121501 - G-2323 (LAT 26 19 38 LONG 080 12 15)											
JUN , 1981											
24...	--	25	--	340	130	130	2.5	54	26	1.3	2.3
24...	7.0	40	--	340	97	130	1.9	47	23	1.1	.8
24...	7.0	20	--	370	94	140	3.3	56	25	1.3	1.2
25...	7.0	10	--	380	26	140	5.7	74	30	1.7	2.7
25...	--	5	--	420	71	140	16	180	48	3.8	12
25...	7.1	5	--	420	18	140	16	180	48	3.8	12
261938080121502 - 47S41E36 G-2324 (LAT 26 19 38 LONG 080 12 15)											
SEP , 1981											
22...	7.0	30	--	340	96	130	3.7	80	34	1.9	1.0
261952080500201 - G-2314 (LAT 26 19 52 LONG 080 50 02)											
JUN , 1981											
02...	7.5	70	--	210	0	72	6.6	43	31	1.3	3.0
02...	--	100	--	200	11	73	4.9	23	20	.7	2.4
02...	--	50	--	350	13	120	13	26	14	.6	2.8
02...	7.2	20	--	450	0	140	23	160	43	3.3	6.7
03...	--	20	--	480	0	150	25	180	45	3.6	7.4
03...	--	40	--	440	0	130	28	570	73	12	18

GROUND WATER QUALITY RECORDS
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DATE	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
BROWARD COUNTY											
261347080273701 - 6-2312 (LAT 26 13 47 LONG 080 27 37)											
MAY , 1981											
28...	532	0	436	7.2	.8	26	692	693	--	--	4000
28...	455	0	373	10	.8	26	716	703	--	2500	3300
28...	480	0	394	2.4	.7	21	614	609	--	1100	3600
28...	680	0	558	30	.6	29	1120	1170	--	2300	3000
28...	838	0	687	56	.7	34	1410	1490	--	1800	2500
261348080122001 - 6-2342 (LAT 26 13 48 LONG 080 12 20)											
JUL , 1981											
21...	>307	0	--	8.1	.2	9.0	370	331	--	--	1700
21...	340	0	279	23	.2	10	410	374	--	1100	2000
22...	428	0	351	.5	.2	13	450	423	--	1600	2700
22...	496	0	407	.2	.2	18	540	540	--	1800	2800
22...	492	0	404	5.3	.2	18	570	571	--	1900	2600
22...	492	0	404	7.1	.2	19	590	589	--	2800	2700
261348080122002 - 41E48S36 6-2343 (LAT 26 13 48 LONG 080 12 20)											
SEP , 1981											
24...	262	0	215	8.0	.2	9.5	302	298	--	730	590
261458080494701 - 6-2340 (LAT 26 14 58 LONG 080 49 47)											
JUL , 1981											
16...	500	0	410	.4	.3	24	615	597	--	850	840
16...	518	0	425	3.0	.3	24	712	671	--	640	840
16...	582	0	477	26	.4	24	1070	1050	--	700	800
261938080121501 - 6-2323 (LAT 26 19 38 LONG 080 12 15)											
JUN , 1981											
24...	>259	0	212	58	.9	9.0	580	507	--	--	2500
24...	296	0	243	57	.3	9.6	558	496	--	1500	2500
24...	336	0	276	50	.3	9.8	570	531	--	1700	3100
25...	432	0	354	16	.3	14	612	601	--	1600	3500
25...	>424	0	348	16	.2	19	904	895	--	--	2600
25...	>488	0	400	14	.2	19	904	914	--	--	2600
261938080121502 - 47S41E36 6-2324 (LAT 26 19 38 LONG 080 12 15)											
SEP , 1981											
22...	300	0	246	59	.4	11	603	565	--	320	1600
261952080500201 - 6-2314 (LAT 26 19 52 LONG 080 50 02)											
JUN , 1981											
02...	260	0	213	1.4	.6	5.5	310	310	--	390	400
02...	230	0	189	.8	.6	4.6	292	261	--	290	400
02...	416	0	341	5.4	.5	13	414	429	--	--	1100
02...	668	0	548	19	.5	32	926	913	--	710	1500
03...	654	0	536	25	.5	32	884	959	--	170	1600
03...	704	0	577	160	.5	32	2040	2020	--	--	1400

GROUND WATER QUALITY RECORDS
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DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
BROWARD COUNTY											
261958080342101 - G-2315 (LAT 26 19 58 LONG 080 34 21)											
JUN , 1981											
03...	7.3	70	--	370	27	98	30	90	34	2.0	4.4
03...	--	100	--	360	43	92	30	90	35	2.1	4.4
04...	7.0	5	--	560	87	110	68	360	58	6.7	11
04...	--	20	--	560	96	110	68	380	59	7.0	12
04...	7.0	40	--	520	15	95	68	720	74	14	18
04...	--	20	--	570	100	94	80	710	72	13	22
04...	--	20	--	530	0	72	84	1100	80	21	45
261958080410601 - G-2313 (LAT 26 19 58 LONG 080 41 06)											
MAY , 1981											
29...	8.1	15	--	340	54	96	25	30	16	.7	1.6
29...	7.3	20	--	330	25	84	29	32	17	.8	2.3
JUN											
01...	7.0	10	--	460	0	100	50	260	55	5.3	9.0
01...	--	10	--	450	0	95	50	270	56	5.6	9.0
01...	--	10	--	510	47	92	68	720	75	14	3.1
01...	7.1	10	--	580	57	90	85	1000	78	18	4.0
01...	--	10	--	620	120	90	96	1100	78	19	4.3
COLLIER COUNTY											
260917081391601 - 49S26E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)											
OCT , 1980											
22...	6.9	--	--	300	0	110	5.5	16	10	.4	1.1
JAN , 1981											
21...	6.8	--	--	330	--	120	6.6	21	12	.5	1.4
APR											
21...	6.7	--	--	350	--	130	6.3	18	10	.4	1.3
260917081394401 - 49S26E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)											
OCT , 1980											
22...	7.2	--	--	530	210	140	44	270	52	5.1	11
JAN , 1981											
21...	7.2	--	--	330	--	65	40	280	64	6.7	11
APR											
21...	7.1	--	--	530	--	140	44	310	55	5.9	12
260917081394402 - 49S26E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)											
OCT , 1980											
22...	6.8	--	--	300	0	110	5.9	13	9	.3	1.7
JAN , 1981											
21...	6.8	--	--	300	--	110	5.8	15	10	.4	1.9
APR											
21...	6.9	--	--	330	--	120	6.8	20	12	.5	1.7
260941081393101 - 49S26E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)											
OCT , 1980											
22...	6.7	--	--	320	0	120	6.1	15	9	.4	1.1
JAN , 1981											
21...	6.7	--	--	350	--	130	6.1	16	9	.4	1.0
APR											
21...	6.7	--	--	350	--	130	5.8	14	8	.3	1.1

GROUND WATER QUALITY RECORDS
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DATE	BICAR- BONATE FET-FLU (MG/L AS HC03) (00440)	CAH- BONATE FET-FLD (MG/L AS C03) (00445)	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
------	--	---	--	--	---	--	---	--	--	---	---

BROWARD COUNTY

261958080342101 - 6-2315 (LAT 26 19 58 LONG 080 34 21)

JUN , 1981

03...	418	0	343	60	.8	11	668	643	--	760	2100
03...	386	0	317	60	.8	13	680	633	--	150	2100
04...	576	0	472	62	.8	23	1560	1530	--	1400	3400
04...	564	0	463	65	.8	28	1540	1570	--	30	3200
04...	616	0	505	140	.9	28	2430	2480	--	1200	2400
04...	616	0	505	140	.9	28	2390	2480	--	10	2400
04...	666	0	546	240	.8	30	3530	3500	--	--	1800

261958080410601 - 6-2313 (LAT 26 19 58 LONG 080 41 06)

MAY , 1981

29...	400	0	286	1.2	.8	16	397	390	--	--	2400
29...	372	0	305	.8	.9	16	409	404	--	820	2200
JUN											
01...	620	0	509	46	.7	26	1240	1160	--	290	2200
01...	590	0	484	51	.6	26	1130	1170	--	10	2300
01...	564	0	463	200	.7	26	2480	2490	--	--	2200
01...	638	0	523	270	.7	28	3320	3330	--	760	2000
01...	608	0	499	300	.7	27	3660	3660	--	30	2000

COLLIER COUNTY

260917081391601 - 49S26E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)

OCT , 1980

22...	368	--	302	32	.1	8.6	--	380	--	--	--
JAN , 1981											
21...	--	--	400	39	.1	8.6	--	--	--	--	--
APR											
21...	--	--	400	38	.2	10	--	--	--	--	--

260917081394401 - 49S26E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

OCT , 1980

22...	396	--	325	140	.1	20	--	1340	--	--	--
JAN , 1981											
21...	--	--	380	84	.1	10	--	--	--	--	--
APR											
21...	--	--	400	150	.2	20	--	--	--	--	--

260917081394402 - 49S26E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

OCT , 1980

22...	376	--	308	13	.1	11	--	361	--	--	--
JAN , 1981											
21...	--	--	380	31	.1	10	--	--	--	--	--
APR											
21...	--	--	396	24	.2	12	--	--	--	--	--

260941081393101 - 49S26E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)

OCT , 1980

22...	404	--	331	20	.1	11	--	396	--	--	--
JAN , 1981											
21...	--	--	440	23	.1	11	--	--	--	--	--
APR											
21...	--	--	416	18	.2	11	--	--	--	--	--

GROUND WATER QUALITY RECORDS
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DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NUNCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
COLLIER COUNTY											
260941081393102 - 49S26E36 C-537 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)											
OCT , 1980											
22...	7.0	--	--	370	0	110	23	96	36	2.2	5.6
JAN , 1981											
21...	7.1	--	--	360	--	110	20	74	31	1.7	5.1
APR											
21...	6.8	--	--	390	--	120	22	72	28	1.6	5.4
JUL											
23...	6.9	--	--	400	--	120	25	110	37	2.4	5.7
261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)											
OCT , 1980											
22...	7.0	--	--	560	230	170	33	33	11	.6	7.0
JAN , 1981											
21...	6.8	--	--	570	--	170	35	34	11	.6	6.7
APR											
21...	6.9	--	--	560	--	170	32	27	9	.5	6.9
JUL											
23...	6.8	--	--	610	--	180	38	39	12	.7	6.7
261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)											
OCT , 1980											
22...	7.1	--	--	370	19	99	30	230	57	5.2	8.8
JAN , 1981											
21...	6.9	--	--	440	--	120	33	230	53	4.8	9.3
APR											
21...	7.0	--	--	460	--	130	33	190	47	3.9	8.7
JUL											
23...	7.1	--	--	470	--	130	36	230	51	4.6	9.3
261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)											
OCT , 1980											
22...	7.5	--	--	220	79	68	11	64	38	1.9	7.2
JAN , 1981											
21...	6.8	--	--	380	--	120	19	110	38	2.5	6.1
APR											
21...	6.8	--	--	400	--	130	19	80	30	1.7	5.8
JUL											
23...	--	--	--	400	--	120	25	160	46	3.5	6.1
261621081412302 - C-303 NAPLES CUTOFF RD & NAPLES IMMOKOLEE RD (LAT 26 16 21 LONG 081 41 23)											
MAY , 1981											
13...	7.6	2	--	620	--	120	78	450	60	7.9	32
261635081360301 - SE CORNER OF BIRD ROOKERY SWAMP C-304 (LAT 26 16 35 LONG 081 36 03)											
MAY , 1981											
13...	7.5	8	--	240	--	71	15	45	29	1.3	4.9
261740081235401 - 48S29E23 C-684 USGS IMMOKALEE SW (LAT 26 17 40 LONG 081 23 54)											
MAY , 1981											
13...	7.7	4	--	1100	--	140	170	380	44	5.1	4.3

GROUND WATER QUALITY RECORDS
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DATE	BICARBONATE FET-FLD (MG/L AS HC03) (00440)	CARBONATE FET-FLD (MG/L AS C03) (00445)	ALKALINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	FLUORIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TUNS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRONTIUM, DIS- SOLVED (UG/L AS SR) (01080)
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COLLIER COUNTY

260941081393102 - 49S26E36 C-537 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)

OCT , 1980											
22...	468	--	384	57	.1	16	--	678	--	--	--
JAN , 1981											
21...	--	--	520	51	.2	15	--	--	--	--	--
APR											
21...	--	--	460	55	.2	16	--	--	--	--	--
JUL											
23...	--	--	--	49	.2	17	1050	--	--	--	--

261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)

OCT , 1980											
22...	400	--	328	310	.1	20	--	801	--	--	--
JAN , 1981											
21...	--	--	428	310	.2	21	--	--	--	--	--
APR											
21...	--	--	416	260	.2	21	--	--	--	--	--
JUL											
23...	--	--	--	220	.2	23	--	--	--	--	--

261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

OCT , 1980											
22...	428	--	351	92	.2	16	--	1050	--	--	--
JAN , 1981											
21...	--	--	480	85	.2	19	--	--	--	--	--
APR											
21...	--	--	436	92	.2	20	--	--	--	--	--
JUL											
23...	--	--	--	77	.2	21	--	--	--	--	--

261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

OCT , 1980											
22...	172	--	141	39	.1	5.4	--	409	--	--	--
JAN , 1981											
21...	--	--	436	64	.1	14	--	--	--	--	--
APR											
21...	--	--	452	47	.2	15	--	--	--	--	--
JUL											
23...	--	--	--	63	.2	17	975	--	--	--	--

261621081412302 - C-303 NAPLES CUTOFF RD & NAPLES IMMOKOLEE RD (LAT 26 16 21 LONG 081 41 23)

MAY , 1981											
13...	--	--	--	260	.6	23	82	1950	--	370	1500

261635081360301 - SE CORNER OF BIRD ROOKERY SWAMP C-304 (LAT 26 16 35 LONG 081 36 03)

MAY , 1981											
13...	--	--	--	19	.3	22	392	389	--	160	440

261740081235401 - 48S29E23 C-684 USGS IMMOKALEE SW (LAT 26 17 40 LONG 081 23 54)

MAY , 1981											
13...	--	--	--	1500	1.6	29	2790	2510	--	50	2500

GROUND WATER QUALITY RECORDS
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DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
COLLIER COUNTY											
261741081235401 - 48S29E14 C-503 (LAT 26 17 41 LONG 081 23 54)											
MAY , 1981 13...	7.0	41	--	290	--	110	3.5	18	12	.5	.6
262228081361901 - 47S27E22 C-492 (LAT 26 22 28 LONG 081 36 19)											
MAY , 1981 13...	6.9	240	--	260	--	97	3.8	23	16	.6	.4
262405081200001 - C-554 (LAT 26 24 05 LONG 081 20 00)											
OCT , 1980 21...	7.0	--	--	260	4	95	4.9	9.6	7	.3	2.7
JAN , 1981 20...	6.7	--	--	270	--	98	5.1	9.9	7	.3	2.4
APR 22...	6.9	--	--	300	--	110	5.3	9.2	6	.2	2.5
JUL 22...	7.0	--	--	270	--	99	5.3	11	8	.3	2.7
262405081260001 - 47S29E09 C-593 (LAT 26 24 05 LONG 081 26 00)											
OCT , 1980 21...	6.0	--	--	--	--	--	--	--	--	--	--
JAN , 1981 20...	6.1	--	--	22	--	7.4	.8	3.7	25	.3	2.1
APR 22...	5.8	--	--	--	--	--	--	--	--	--	--
JUL 22...	5.7	--	--	25	--	8.6	.8	4.8	27	.4	2.3
262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)											
OCT , 1980 21...	6.0	--	--	25	0	8.5	.8	4.0	24	.4	2.1
JAN , 1981 20...	5.9	--	--	40	--	14	1.2	5.1	21	.4	2.1
APR 22...	5.9	--	--	22	--	8.0	.6	4.1	26	.4	2.2
JUL 22...	5.6	--	--	22	--	7.6	.8	5.0	30	.5	2.2
262418081255604 - 47S29E09 C -596 COLLIER CO IMMUKALEE (LAT 26 24 18 LONG 081 25 56)											
OCT , 1980 21...	6.3	--	--	600	0	220	13	91	25	1.6	4.8
JAN , 1981 20...	6.4	--	--	660	--	240	14	81	21	1.4	4.9
APR 22...	6.5	--	--	740	--	270	15	85	20	1.4	4.7
262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)											
OCT , 1980 21...	6.8	--	--	290	0	88	17	23	15	.6	2.6
JAN , 1981 20...	6.7	--	--	300	--	91	17	22	14	.6	2.6
APR 22...	6.8	--	--	420	--	130	23	38	16	.8	2.9
JUL 21...	6.4	--	--	460	--	140	26	68	24	1.4	3.2

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
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DATE	BICAR- BONATE FET-FLD (MG/L AS HCO3) (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)	ALKA- LINITY FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 100 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
COLLIER COUNTY											
261741081235401 - 48S29E14 C-503 (LAT 26 17 41 LONG 081 23 54)											
MAY , 1981 13...	--	--	--	7.9	.1	7.2	401	358	--	2000	<10
262228081361901 - 47S27E22 C-492 (LAT 26 22 28 LONG 081 36 19)											
MAY , 1981 13...	--	--	--	5.0	.2	9.5	402	349	--	14000	420
262405081200001 - C-554 (LAT 26 24 05 LONG 081 20 00)											
OCT , 1980 21...	312	--	256	13	.0	23	--	328	--	--	--
JAN , 1981 20...	--	--	432	19	.1	24	--	--	--	--	--
APR 22...	--	--	352	22	.1	24	--	--	--	--	--
JUL 22...	--	--	--	14	<.1	24	39	--	--	--	--
262405081260001 - 47S29E09 C-593 (LAT 26 24 05 LONG 081 26 00)											
OCT , 1980 21...	42	--	34	--	--	--	--	--	--	--	--
JAN , 1981 20...	--	--	120	.7	.4	16	--	--	--	--	--
APR 22...	--	--	44	--	--	--	--	--	--	--	--
JUL 22...	--	--	--	2.1	.4	20	--	--	--	--	--
262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)											
OCT , 1980 21...	72	--	59	.0	.4	13	--	74	--	--	--
JAN , 1981 20...	--	--	28	2.7	.5	16	--	--	--	--	--
APR 22...	--	--	36	1.5	.4	15	--	--	--	--	--
JUL 22...	--	--	--	2.5	.4	15	--	--	--	--	--
262418081255604 - 47S29E09 C -596 COLLIER CO IMMOKALEE (LAT 26 24 18 LONG 081 25 56)											
OCT , 1980 21...	812	--	666	53	.1	15	--	987	--	--	--
JAN , 1981 20...	--	--	1600	59	.1	17	--	--	--	--	--
APR 22...	--	--	900	59	.1	18	--	--	--	--	--
262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)											
OCT , 1980 21...	360	--	295	2.5	.1	19	--	394	--	--	--
JAN , 1981 20...	--	--	360	1.0	.1	20	--	--	--	--	--
APR 22...	--	--	--	6.2	.1	22	--	--	--	--	--
JUL 21...	--	--	--	7.5	.1	23	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (06076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
COLLIER COUNTY											
262419081254902 - C-551 (LAT 26 24 19 LONG 081 25 49)											
OCT , 1980											
21...	5.5	--	--	15	0	4.8	.7	4.2	35	.5	1.6
JAN , 1981											
20...	6.1	--	--	25	--	8.8	.8	5.0	29	.4	1.6
APR											
22...	5.8	--	--	24	--	8.3	.7	4.8	29	.4	1.8
JUL											
21...	5.5	--	--	32	--	11	1.0	6.1	28	.5	1.9
262431081254201 - C-550 (LAT 26 24 31 LONG 081 25 42)											
OCT , 1980											
21...	6.5	--	--	340	0	130	4.3	24	13	.6	2.0
JAN , 1981											
20...	7.0	--	--	340	--	130	4.5	25	14	.6	2.0
APR											
22...	6.8	--	--	370	--	140	4.5	23	12	.5	2.0
JUL											
21...	6.7	--	--	340	--	130	4.5	25	14	.6	2.4
262431081254202 - C-549 (LAT 26 24 31 LONG 081 25 42)											
OCT , 1980											
21...	5.5	--	--	15	0	4.0	1.3	8.5	52	.9	1.3
APR , 1981											
22...	5.5	--	--	15	--	4.3	1.1	7.5	49	.8	1.4
JUL											
22...	5.7	--	--	18	--	5.3	1.2	9.8	52	1.0	1.3
262505081245301 - 47S29E03 C - 258 WHATLEY IMMOKALEE (LAT 26 25 05 LONG 081 24 53)											
MAY , 1981											
14...	7.5	1	--	700	--	110	100	640	66	11	30
262507081235201 - 47S29E47 C - 298 USGS IMMOKALEE (LAT 26 25 07 LONG 081 23 52)											
MAY , 1981											
14...	6.9	3	--	160	--	32	20	25	18	.7	8.3
262521081161901 - 47S30E1 C-131 (LAT 26 25 21 LONG 081 16 19)											
MAY , 1981											
13...	6.9	60	--	340	--	110	16	57	27	1.3	2.5
262724081260701 - 46S29E20 C-462 (LAT 26 27 24 LONG 081 26 07)											
MAR , 1981											
12...	7.0	35	--	210	--	67	9.6	21	18	.6	1.2
262859081273001 - 46S29E7 C-531 (LAT 26 28 59 LONG 081 27 30)											
MAY , 1981											
14...	7.3	20	--	260	--	80	15	33	21	.9	3.9

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

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DATE	BICARBONATE FET-FLD (MG/L AS MC03) (00446)	CARBONATE FET-FLD (MG/L AS C03) (00445)	ALKALINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	FLUORIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRONTIUM, DIS- SOLVED (UG/L AS SR) (01080)
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COLLIER COUNTY

262419081254902 - C-551 (LAT 26 24 19 LONG 081 25 49)

OCT , 1980											
21...	26	--	23	2.6	.6	13	--	47	--	--	--
JAN , 1981											
20...	--	--	36	3.1	.7	13	--	--	--	--	--
APR											
22...	--	--	8	2.8	.6	13	--	--	--	--	--
JUL											
21...	--	--	--	3.1	.6	13	--	--	--	--	--

262431081254201 - C-550 (LAT 26 24 31 LONG 081 25 42)

OCT , 1980											
21...	432	--	354	3.3	.1	15	--	440	--	--	--
JAN , 1981											
20...	--	--	456	1.9	.1	16	--	--	--	--	--
APR											
22...	--	--	480	3.4	.1	16	--	--	--	--	--
JUL											
21...	--	--	--	.0	.1	16	--	--	--	--	--

262431081254202 - C-549 (LAT 26 24 31 LONG 081 25 42)

OCT , 1980											
21...	24	--	20	9.5	.1	11	--	60	--	--	--
APR , 1981											
22...	--	--	32	14	.1	11	--	--	--	--	--
JUL											
22...	--	--	--	10	.1	11	--	--	--	--	--

262505081245301 - 47S29E03 C - 258 WHITLEY IMMOKALEE (LAT 26 25 05 LONG 081 24 53)

MAY , 1981											
14...	--	--	--	570	1.6	16	2690	2670	--	110	11000

262507081235201 - 47S29E47 C - 298 USGS IMMOKALEE (LAT 26 25 07 LONG 081 23 52)

MAY , 1981											
14...	--	--	250	5.4	.6	19	283	366	--	60	320

262521081161901 - 47S30E1 C-131 (LAT 26 25 21 LONG 081 16 19)

MAY , 1981											
13...	--	--	--	.2	.3	17	600	496	--	4800	330

262724081260701 - 46S29E20 C-462 (LAT 26 27 24 LONG 081 26 07)

MAR , 1981											
12...	--	--	--	.2	.1	18	308	259	--	5600	260

262859081273001 - 46S29E7 C-531 (LAT 26 28 59 LONG 081 27 30)

MAY , 1981											
14...	--	--	--	2.9	.4	35	395	385	--	80	370

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CACO3) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CACO3) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
COLLIER COUNTY											
262659081273002 - 46S29E07 C-532 ON SR-82 (LAT 26 28 59 LONG 081 27 30)											
MAY , 1981											
14...	6.0	130	--	73	--	20	5.5	18	35	.9	.9
262914081263101 - 46S29E8 C- 170 IRRIGATION IMMOKALEE (LAT 26 29 14 LONG 081 26 31)											
MAR , 1981											
10...	6.8	39	--	300	--	110	6.9	28	17	.7	.6
262917081264301 - 46S29E8 C- 686 IRRIGATION IMMOKALEE (LAT 26 29 17 LONG 081 26 43)											
MAR , 1981											
10...	6.9	35	--	250	--	65	9.6	28	19	.8	.6
262922081271601 - 46S29E7 C- 169 IRRIGATION IMMOKALEE (LAT 26 29 22 LONG 081 27 16)											
MAR , 1981											
10...	6.9	31	--	240	--	75	13	25	18	.7	.7
DADE COUNTY											
252824080250601 - 57S39E15 6-3235 (LAT 25 28 24 LONG 080 25 06)											
AUG , 1981											
07...	7.1	0	--	230	32	64	5.1	25	19	.7	4.2
07...	7.0	0	--	250	31	96	3.1	25	17	.7	6.4
254946080172601 - 53S41E13 6-3234 (LAT 25 49 46 LONG 080 17 26)											
AUG , 1981											
03...	7.2	40	--	280	11	64	16	60	32	1.6	3.7
03...	7.1	30	--	260	17	92	7.4	41	25	1.1	2.2
04...	7.1	10	--	320	69	100	17	110	42	2.7	4.1
04...	--	0	--	540	320	140	46	300	54	5.6	13
GLADES COUNTY											
265454081151001 - LYKES 12 INCHER (LAT 26 54 54 LONG 081 15 10)											
JUN , 1981											
11...	--	0	--	1000	--	170	130	870	66	12	22
11...	--	0	--	--	--	--	--	1500	66	--	31
270226081135501 - 70211301 39S31E33 LYKES BR0S BRIGHTON SW (LAT 27 02 28 LONG 081 13 55)											
JUN , 1981											
09...	--	1	--	280	--	42	35	180	60	5.0	6.4
270848080552401 - 38S34E28 GL 250 PEARCE OKEECHOBEE NW (LAT 27 08 48 LONG 080 55 24)											
JUN , 1981											
18...	7.4	1	--	380	--	68	46	210	55	4.8	7.9
271503081080901 - 71510801 37S32E20 LYKES BR0S (LAT 27 15 03 LONG 081 08 09)											
JUN , 1981											
18...	8.1	1	--	200	--	41	22	46	33	1.4	4.8

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	BICARBONATE FET-FLD (MG/L AS HCO3) (00440)	CARBONATE FET-FLD (MG/L AS AS CO3) (00445)	ALKALINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUORIDE DIS- SOLVED (MG/L AS F) (00950)	SILICA DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRONTIUM, DIS- SOLVED (UG/L AS SR) (01080)
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COLLIER COUNTY

262859081273002 - 46S29E07 C-532 ON SH-82 (LAT 26 28 59 LONG 081 27 30)

MAY , 1981
14... -- -- -- 8.8 .1 10 214 137 -- 2100 120

26291408263101 - 46S29E8 C- 170 IRRIGATION IMMOKALEE (LAT 26 29 14 LONG 081 26 31)

MAR , 1981
10... -- -- -- .4 .2 18 453 368 -- 2800 310

262917081264301 - 46S29E8 C- 686 IRRIGATION IMMOKALEE (LAT 26 29 17 LONG 081 26 43)

MAR , 1981
10... -- -- -- 1.2 .2 19 309 350 -- 2900 240

262922081271601 - 46S29E7 C- 169 IRRIGATION IMMOKALEE (LAT 26 29 22 LONG 081 27 16)

MAR , 1981
10... -- -- -- 1.3 .3 24 283 302 -- 1900 200

DADE COUNTY

252824080250601 - 57S39E15 G-3235 (LAT 25 28 24 LONG 080 25 06)

AUG , 1981
07... 244 0 200 29 .3 6.3 336 313 -- 30 850
07... 272 0 223 50 .2 5.5 365 363 -- 360 1000

254946080172601 - 53S41E13 G-3234 (LAT 25 49 46 LONG 080 17 26)

AUG , 1981
03... 324 0 266 14 .5 10 465 436 -- 390 1100
03... 296 0 243 13 .4 9.6 402 385 -- 3300 940
04... 308 0 253 -- 1.5 -- -- 1200 1700
04... 276 0 226 160 .4 24 1640 1440 -- 4200

GLADES COUNTY

265454081151001 - LYKES 12 INCHER (LAT 26 54 54 LONG 081 15 10)

JUN , 1981
11... -- -- -- 470 .6 13 3670 3470 -- 300 38000
11... -- -- -- 570 .4 12 4950 -- -- 45000

270228081135501 - 70211301 39S31E33 LYKES BROS BRIGHTON SW (LAT 27 02 28 LONG 081 13 55)

JUN , 1981
09... -- -- -- 190 .6 12 890 828 -- <10 23000

270848080552401 - 38S34E28 GL 250 PEARCE OKEECHOBEE NW (LAT 27 08 48 LONG 080 55 24)

JUN , 1981
18... -- -- -- 200 .5 14 1210 1040 -- 20 14000

271503081080901 - 71S10801 37S32E20 LYKES BROS (LAT 27 15 03 LONG 081 08 09)

JUN , 1981
18... -- -- -- 98 .6 23 426 387 -- <10 10000

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
LEE COUNTY											
261954081410101 - 47S26E35 L-1996 (LAT 26 19 54 LONG 081 41 01)											
MAY , 1981 06...	6.8	55	--	320	0	120	5.3	36	20	.9	1.4
261954081410102 - 47S26E35 L-1997 (LAT 26 19 54 LONG 081 41 01)											
MAY , 1981 15...	7.1	41	--	240	--	90	4.1	31	22	.9	1.3
261957081432201 - L-2194 (LAT 26 19 57 LONG 081 43 22)											
MAY , 1981 06...	7.5	10	--	260	0	87	23	77	38	2.1	7.5
262022081464201 - 47S25E35 L-738 (LAT 26 20 22 LONG 081 46 42)											
MAY , 1981 06...	7.7	12	--	280	0	72	24	160	54	4.2	11
262042081455001 - 47S25E36 L-1691 (LAT 26 20 42 LONG 081 45 50)											
MAY , 1981 06...	7.9	15	--	260	0	66	23	84	40	2.3	7.3
262552081485701 - L-741 (LAT 26 25 52 LONG 081 48 57)											
MAY , 1981 06...	8.1	5	--	380	0	77	45	57	24	1.3	15
262659081382501 - 46S27E29 L-2192 CORKSCREW GRADE (LAT 26 26 59 LONG 081 38 25)											
MAY , 1981 07...	7.9	15	--	270	0	55	31	170	57	4.5	11
262703081340201 - 46S27E25 L-731 (LAT 26 27 03 LONG 081 34 02)											
FEB , 1981 20...	7.5	35	--	220	--	80	5.8	16	13	.5	1.2
MAY 05...	7.6	30	--	240	0	86	5.4	14	11	.4	.9
262703081340202 - L-1138 (LAT 26 27 03 LONG 081 34 02)											
MAY , 1981 15...	7.2	1	--	58	--	19	2.5	17	38	1.0	2.0
262703081340203 - 46S27E25 L-2313 CORKSCREW (LAT 26 27 03 LONG 081 34 02)											
MAY , 1981 15...	7.3	2	--	670	--	97	100	670	68	11	32

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

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DATE	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS C03) (00445)	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS S102) (00955)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, UIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
LEE COUNTY											
	261954081410101 - 47S26E35 L-1996 (LAT 26 19 54 LONG 081 41 01)										
MAY , 1981 06...	--	--	484	12	.1	9.9	438	410	--	2100	860
	261954081410102 - 47S26E35 L-1997 (LAT 26 19 54 LONG 081 41 01)										
MAY , 1981 15...	--	--	--	5.2	.2	8.6	376	344	--	2100	440
	261957081432201 - L-2194 (LAT 26 19 57 LONG 081 43 22)										
MAY , 1981 06...	--	--	372	55	.6	47	542	512	--	<10	610
	262022081464201 - 47S25E35 L-738 (LAT 26 20 22 LONG 081 46 42)										
MAY , 1981 06...	--	--	404	75	.6	40	746	760	--	20	690
	262042081455001 - 47S25E36 L-1691 (LAT 26 20 42 LONG 081 45 50)										
MAY , 1981 06...	--	--	340	47	.6	52	510	516	--	20	560
	262552081485701 - L-741 (LAT 26 25 52 LONG 081 48 57)										
MAY , 1981 06...	--	--	828	7.5	.7	86	733	600	--	2900	1200
	262659081382501 - 46S27E29 L-2192 CORKSCREW GRADE (LAT 26 26 59 LONG 081 38 25)										
MAY , 1981 07...	--	--	444	72	.3	61	723	741	--	110	490
	262703081340201 - 46S27E25 L-731 (LAT 26 27 03 LONG 081 34 02)										
FEB , 1981 20...	--	--	--	1.4	.2	12	311	286	--	750	290
MAY 05...	--	--	316	3.6	.2	13	3320	292	--	540	320
	262703081340202 - L-1138 (LAT 26 27 03 LONG 081 34 02)										
MAY , 1981 15...	--	--	--	.5	<.1	.7	105	104	--	1500	160
	262703081340203 - 46S27E25 L-2313 CORKSCREW (LAT 26 27 03 LONG 081 34 02)										
MAY , 1981 15...	--	--	--	590	2.0	21	2730	2730	--	20	11000

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM UIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, UIS- SOLVED (MG/L AS M6) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
LEE COUNTY											
262706081435401 - L-1853 (LAT 26 27 06 LONG 081 43 54)											
MAY , 1981 07...	7.8	8	--	440	0	100	45	150	42	3.1	11
262713081414601 - L-1984 (LAT 26 27 13 LONG 081 41 46)											
MAY , 1981 07...	7.7	12	--	250	0	84	9.9	26	18	.7	2.8
263041081420501 - 45S26E34 L5628 FLA CITIES ALVA SW (LAT 26 30 41 LONG 081 42 05)											
APR , 1981 14...	7.2	15	--	230	--	64	18	60	35	1.7	4.3
263041081433102 - 45S26E33 L-1998 GREEN MEADOWS WELL FIELD (LAT 26 30 41 LONG 081 43 31)											
MAY , 1981 07...	7.9	10	--	270	0	80	16	58	32	1.5	3.1
263117082051002 - 45S22E26 L-2821 PINE ISLAND CT (LAT 26 31 17 LONG 082 05 10)											
MAY , 1981 18...	7.0	2	--	480	270	70	72	280	55	5.6	19
263127081351602 - 45S27E35 L-2215 SR-82 NEXT TO L-730 (LAT 26 31 27 LONG 081 35 16)											
MAY , 1981 05...	7.7	10	--	320	0	93	20	30	17	.7	2.9
263242081572101 - 45S23E19 L-2244 FT MYERS SW (LAT 26 32 42 LONG 081 57 21)											
MAY , 1981 21...	--	--	--	220	1	--	--	--	58	4.4	--
263247081501702 - 45S25E20 L-2293 FT MYERS SE (LAT 26 32 47 LONG 081 50 17)											
MAR , 1981 18...	7.4	4	--	590	--	77	92	410	60	7.5	21
263251081452802 - 45S25E24 L-1994 (LAT 26 32 51 LONG 081 45 28)											
MAY , 1981 07...	7.7	18	--	300	0	90	18	51	27	1.3	3.0
263253082014201 - 45S23E17 L-2643 PINE ISLAND CT (LAT 26 32 53 LONG 082 01 42)											
MAY , 1981 22...	7.7	2	--	540	540	78	82	500	66	9.4	25
263335081394301 - 45S26E13 L-729 (LAT 26 33 35 LONG 081 39 43)											
MAY , 1981 05...	7.5	10	--	280	0	82	18	40	24	1.0	3.2
05...	7.6	20	--	270	0	87	12	45	27	1.2	1.6

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

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DATE	BICARBONATE FET-FLD (MG/L AS HCO3) (00440)	CARBONATE FET-FLD (MG/L AS CO3) (00445)	ALKALINITY FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUORIDE DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SiO2) (00955)	SOLIDS, RESIDUE AT 100 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRONTIUM, DIS- SOLVED (UG/L AS SR) (01080)
LEE COUNTY											
262706081435401 - L-1853 (LAT 26 27 06 LONG 081 43 54)											
MAY , 1981 07...	--	--	1400	72	.7	61	926	843	--	<10	1100
262713081414601 - L-1984 (LAT 26 27 13 LONG 081 41 46)											
MAY , 1981 07...	--	--	368	7.4	.5	19	361	334	--	<10	470
263041081420501 - 45S26E34 L5628 FLA CITIES ALVA SW (LAT 26 30 41 LONG 081 42 05)											
APR , 1981 14...	--	--	--	38	.6	38	435	423	--	40	460
263041081433102 - 45S26E33 L-1998 GREEN MEADOWS WELL FIELD (LAT 26 30 41 LONG 081 43 31)											
MAY , 1981 07...	--	--	1000	38	.6	25	475	447	--	60	490
263117082051002 - 45S22E26 L-2821 PINE ISLAND CT (LAT 26 31 17 LONG 082 05 10)											
MAY , 1981 18...	--	--	208	210	1.8	26	1400	1310	--	30	8200
263127081351602 - 45S27E35 L-2215 SR-82 NEXT TO L-730 (LAT 26 31 27 LONG 081 35 16)											
MAY , 1981 05...	--	--	356	69	.4	60	526	481	--	<10	380
263242081572101 - 45S23E19 L-2244 FT MYERS SW (LAT 26 32 42 LONG 081 57 21)											
MAY , 1981 21...	--	--	--	--	--	--	--	583	--	--	--
263247081501702 - 45S25E20 L-2293 FT MYERS SE (LAT 26 32 47 LONG 081 50 17)											
MAY , 1981 18...	--	--	--	310	1.6	15	1900	1790	--	1000	13000
263251081452802 - 45S25E24 L-1994 (LAT 26 32 51 LONG 081 45 28)											
MAY , 1981 07...	--	--	424	35	.4	29	511	468	--	<10	430
263253082014201 - 45S23E17 L-2643 PINE ISLAND CT (LAT 26 32 53 LONG 082 01 42)											
MAY , 1981 22...	--	--	2	200	.9	32	2190	2010	--	10	7400
263335081394301 - 45S26E13 L-729 (LAT 26 33 35 LONG 081 39 43)											
MAY , 1981 05...	--	--	400	25	.6	30	466	439	--	10	490
05...	--	--	392	22	.3	23	456	430	--	70	280

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLON (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
LEE COUNTY											
263344081361701 - 45S27E15 L-1963 (LAT 26 33 44 LONG 081 36 17)											
MAY , 1981 05...	8.4	10	--	350	0	86	31	130	45	3.1	6.4
263353081335801 - L-1965 (LAT 26 33 53 LONG 081 33 58)											
MAY , 1981 05...	7.5	5	--	370	12	84	39	97	36	2.2	7.9
263357081575602 - 45S23E12 L-2703 FORT MYERS SW (LAT 26 33 57 LONG 081 57 56)											
MAY , 1981 21...	8.0	5	--	340	80	61	45	180	53	4.3	11
263404081575801 - 45S23E12 L-1118 FT MYERS SW (LAT 26 34 04 LONG 081 57 58)											
MAY , 1981 21...	--	--	--	360	130	--	--	--	54	4.6	--
263438081563201 - 45S24E07 L-1117 FT MYERS SW (LAT 26 34 38 LONG 081 56 32)											
MAY , 1981 21...	8.2	5	--	220	23	44	27	42	29	1.2	4.7
263440082022001 - 45S23E05 L-2644 PINE ISLAND CT (LAT 26 34 40 LONG 082 02 20)											
MAY , 1981 22...	7.8	1	--	570	340	80	88	480	64	8.8	26
263533081573401 - 44S23E36 L-2641 FT MYERS SW (LAT 26 35 33 LONG 081 57 34)											
MAY , 1981 21...	8.3	4	--	260	0	47	33	51	29	1.4	10
263621081563701 - 44S24E31 L-2702 FT MYERS SW (LAT 26 36 21 LONG 081 56 37)											
MAY , 1981 21...	8.5	4	--	320	52	59	42	120	44	2.9	8.5
263627081562701 - 44S24E29 L-702 FT MYERS SW (LAT 26 36 27 LONG 081 56 27)											
MAY , 1981 21...	8.1	4	--	290	0	51	38	60	31	1.6	8.5
263630081375301 - 44S27E32 L-1418 (LAT 26 36 30 LONG 081 37 53)											
MAY , 1981 05...	7.8	20	--	450	69	130	31	150	42	3.1	3.4
263633082002701 - 44S23E27 L-1116 PINE IS CENTER (LAT 26 36 33 LONG 082 00 27)											
MAY , 1981 20...	8.1	2	--	240	100	44	32	39	25	1.1	12

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

297

DATE	BICARBONATE FET-FLD (MG/L AS HC03) (00440)	CARBONATE FET-FLD (MG/L AS AS C03) (00445)	ALKALINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS AS S04) (00945)	FLUORIDE, DIS- SOLVED (MG/L AS AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS AS FE) (01046)	STRONTIUM, DIS- SOLVED (UG/L AS AS SR) (01080)
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LEE COUNTY

263344081361701 - 45S27E15 L-1963 (LAT 26 33 44 LONG 081 36 17)

MAY , 1981
05... -- -- 360 81 .7 27 727 699 -- 20 2200

263353081335801 - L-1965 (LAT 26 33 53 LONG 081 33 58)

MAY , 1981
05... -- -- 360 74 .7 22 853 719 -- 200 1700

263357081575602 - 45S23E12 L-2703 FORT MYERS SW (LAT 26 33 57 LONG 081 57 56)

MAY , 1981
21... -- -- 260 74 .9 36 1070 888 -- <10 1800

263404081575801 - 45S23E12 L-1118 FT MYERS SW (LAT 26 34 04 LONG 081 57 58)

MAY , 1981
21... -- -- -- -- -- -- -- 885 -- -- --

263438081563201 - 45S24E07 L-1117 FT MYERS SW (LAT 26 34 38 LONG 081 56 32)

MAY , 1981
21... -- -- 200 30 .9 19 392 357 -- <10 1300

263440082022001 - 45S23E05 L-2644 PINE ISLAND CT (LAT 26 34 40 LONG 082 02 20)

MAY , 1981
22... -- -- 232 190 1.0 31 2130 2000 -- 20 11000

263533081573401 - 44S23E36 L-2641 FT MYERS SW (LAT 26 35 33 LONG 081 57 34)

MAY , 1981
21... -- -- 288 8.3 1.1 47 501 460 -- 10 2000

263621081563701 - 44S24E31 L-2702 FT MYERS SW (LAT 26 36 21 LONG 081 56 37)

MAY , 1981
21... -- -- 272 69 1.1 34 718 667 -- <10 3300

263627081562701 - 44S24E29 L-702 FT MYERS SW (LAT 26 36 27 LONG 081 56 27)

MAY , 1981
21... -- -- 312 19 .9 45 471 483 -- <10 2200

263630081375301 - 44S27E32 L-1418 (LAT 26 36 30 LONG 081 37 53)

MAY , 1981
05... -- -- 384 94 .2 21 940 869 -- 120 530

263633082002701 - 44S23E27 L-1116 PINE IS CENTER (LAT 26 36 33 LONG 082 00 27)

MAY , 1981
20... -- -- 140 18 1.1 58 420 424 -- <10 2100

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
LEE COUNTY											
263718081485002 - 44S25E28 L-1974 (LAT 26 37 18 LONG 081 48 50)											
MAY , 1981											
05...	7.9	<5	--	230	0	42	29	49	31	1.4	7.0
						263720081573101 - 44S24E30 L-1114 FT MYERS SW (LAT 26 37 20 LONG 081 57 31)					
MAY , 1981											
21...	8.1	3	--	460	230	75	65	220	50	4.5	13
						263743082041201 - 44S22E24 L-2645 MYTLACAA (LAT 26 37 43 LONG 082 04 12)					
MAY , 1981											
19...	7.2	2	--	380	98	66	50	190	52	4.3	14
						263813081552801 - 44S24E20 L-2640 FT MYERS NW 11 (LAT 26 38 13 LONG 081 55 28)					
MAY , 1981											
21...	8.3	2	--	350	79	69	43	88	35	2.1	4.0
						263814082020701 - 44S23E1744S23E17 L-1058 MATLACHA (LAT 26 38 14 LONG 082 02 07)					
MAY , 1981											
19...	7.3	1	--	480	250	78	67	270	54	5.4	18
						263819081585801 - 44S23E14 L-2701 FT MYERS NW (LAT 26 38 19 LONG 081 58 58)					
MAY , 1981											
20...	8.1	4	--	200	64	39	25	37	28	1.1	4.2
						263834082005301 - 44S23E16 L-781 (LAT 26 38 34 LONG 082 00 53)					
MAY , 1981											
19...	7.5	4	--	410	160	64	60	190	49	4.1	19
						263850081365401 - 43S25E18 L-727 (LAT 26 38 50 LONG 081 36 54)					
MAY , 1981											
04...	8.1	<5	--	480	160	130	37	85	28	1.7	3.6
						263905081572801 - 44S24E18 L-1115 FT MYERS NW (LAT 26 39 05 LONG 081 57 28)					
MAY , 1981											
20...	7.9	0	--	410	260	88	45	76	29	1.6	3.3
						263955082083102 - 44S22E06 L-2820 USGS BOKEELIA (LAT 26 39 55 LONG 082 08 31)					
MAY , 1981											
19...	7.1	2	--	500	280	90	64	300	56	5.9	22
						264002082012801 - 44S23E05 L-2700 MATLACHA FL (LAT 26 40 02 LONG 082 01 28)					
MAY , 1981											
08...	7.7	2	--	710	470	120	93	440	58	7.3	19

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

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DATE	BICARBONATE FET-FLD (MG/L AS HCO3) (00440)	CARBONATE FET-FLD (MG/L AS CO3) (00445)	ALKALINITY FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUORIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRONTIUM, DIS- SOLVED (UG/L AS SR) (01080)
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LEE COUNTY

263718081485002 - 44S25E28 L-1974 (LAT 26 37 18 LONG 081 48 50)

MAY , 1981
05... -- -- 240 14 .9 28 401 380 -- 40 820

263720081573101 - 44S24E30 L-1114 FT MYERS SW (LAT 26 37 20 LONG 081 57 31)

MAY , 1981
21... -- -- 228 150 1.0 31 642 1170 -- 20 4300

263743082041201 - 44S22E24 L-2645 MYTLACAA (LAT 26 37 43 LONG 082 04 12)

MAY , 1981
19... -- -- 280 65 1.1 32 1070 984 -- <10 6000

263813081552801 - 44S24E20 L-2640 FT MYERS NW 11 (LAT 26 38 13 LONG 081 55 28)

MAY , 1981
21... -- -- 272 40 .7 27 581 608 -- 50 1800

263814082020701 - 44S23E1744S23E17 L-1058 MATLACHA (LAT 26 38 14 LONG 082 02 07)

MAY , 1981
19... -- -- 224 140 1.0 33 1350 1300 -- 30 5900

263819081585801 - 44S23E14 L-2701 FT MYERS NW (LAT 26 38 19 LONG 081 58 58)

MAY , 1981
20... -- -- 138 12 1.3 23 303 323 -- <10 1300

263834082005301 - 44S23E16 L-781 (LAT 26 38 34 LONG 082 00 53)

MAY , 1981
19... -- -- 248 86 1.7 34 1060 1010 -- <10 4800

263850081365401 - 43S25E18 L-727 (LAT 26 38 50 LONG 081 36 54)

MAY , 1981
04... -- -- 320 130 .4 57 810 783 -- 60 1400

263905081572801 - 44S24E18 L-1115 FT MYERS NW (LAT 26 39 05 LONG 081 57 28)

MAY , 1981
20... -- -- 150 14 .6 28 686 649 -- <10 1500

263955082083102 - 44S22E06 L-2620 USGS BOKEELIA (LAT 26 39 55 LONG 082 08 31)

MAY , 1981
19... -- -- 216 35 1.4 21 1510 1390 -- 40 9200

264002082012801 - 44S23E05 L-2700 MATLACHA FL (LAT 26 40 02 LONG 082 01 28)

MAY , 1981
08... -- -- 236 260 .5 18 2260 2160 -- <10 23000

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
LEE COUNTY											
264053081563201 - 44S24E06 L-1099 (LAT.26 40 53 LONG 081 56 32)											
MAY , 1981 20...	7.9	2	--	300	72	56	38	60	30	1.5	6.0
						264054081592601 - 43S23E35 L1106 FT MYERS NW (LAT 26 40 54 LONG 081 59 26)					
MAY , 1981 20...	7.8	1	--	310	160	52	43	95	39	2.4	16
						264055081572701 - 43S24E31 L-1120 FT MYERS NW (LAT 26 40 55 LONG 081 57 27)					
MAY , 1981 20...	8.0	2	--	240	58	41	32	52	31	1.5	12
						264055081583101 - 43S23E35 L-1109 FT MYERS NW (LAT 26 40 55 LONG 081 58 31)					
MAY , 1981 20...	7.8	4	--	250	40	43	33	67	36	1.9	13
						264144081520301 - 43S24E36 L-2190 HART KR (LAT 26 41 44 LONG 081 52 03)					
MAY , 1981 04...	7.7	<5	--	470	150	120	42	170	44	3.4	4.4
						264146081592301 - 43S23E35 L-1107 FT MYERS NW (LAT 26 41 46 LONG 081 59 23)					
MAY , 1981 20...	7.9	0	--	310	160	56	40	73	33	1.8	11
						264147081562701 - 43S24E29 L-1111 FT MYERS NW (LAT 26 41 47 LONG 081 56 27)					
MAY , 1981 19...	7.6	4	--	360	40	69	45	86	34	2.0	9.3
						264241081582401 - 43S23E25 L-1110 FT MYERS NW (LAT 26 42 41 LONG 081 58 24)					
MAY , 1981 20...	7.6	2	--	430	230	72	60	180	47	3.8	16

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

301

DATE	BICARBONATE FET-FLD (MG/L AS HCO3) (00440)	CARBONATE FET-FLD (MG/L AS AS CO3) (00445)	ALKALINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS AS S04) (00945)	FLUORIDE, DIS- SOLVED (MG/L AS AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRONTIUM, DIS- SOLVED (UG/L AS SR) (01080)
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LEE COUNTY

264053081563201 - 44S24E06 L-1099 (LAT 26 40 53 LONG 081 56 32)

MAY , 1981
20... -- -- 226 38 1.0 41 502 490 -- 30 1600

264054081592601 - 43S23E35 L1106 FT MYERS NW (LAT 26 40 54 LONG 081 59 26)

MAY , 1981
20... -- -- 148 42 1.3 49 644 641 -- <10 2700

264055081572701 - 43S24E31 L-1120 FT MYERS NW (LAT 26 40 55 LONG 081 57 27)

MAY , 1981
20... -- -- 178 22 1.2 53 428 444 -- <10 1700

264055081583101 - 43S23E35 L-1109 FT MYERS NW (LAT 26 40 55 LONG 081 58 31)

MAY , 1981
20... -- -- 206 25 1.4 48 472 471 -- <10 2000

264144081520301 - 43S24E36 L-2190 MART RR (LAT 26 41 44 LONG 081 52 03)

MAY , 1981
04... -- -- 324 89 .5 31 972 937 -- 20 1500

264146081592301 - 43S23E35 L-1107 FT MYERS NW (LAT 26 41 46 LONG 081 59 23)

MAY , 1981
20... -- -- 144 17 1.3 39 563 554 -- <10 2700

264147081562701 - 43S24E29 L-1111 FT MYERS NW (LAT 26 41 47 LONG 081 56 27)

MAY , 1981
19... -- -- 320 20 .8 32 673 644 -- <10 2000

264241081582401 - 43S23E25 L-1110 FT MYERS NW (LAT 26 42 41 LONG 081 58 24)

MAY , 1981
20... -- -- 206 34 1.2 38 1070 1010 -- 10 6100

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CACO3) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CACO3) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
LEE COUNTY											
264308081405402 - 43S26E23 L -2530 LEE COUNTY 0L6A (LAT 26 43 08 LONG 081 40 54)											
OCT , 1980											
10...	--	--	--	--	--	--	--	--	--	--	--
MAR , 1981											
25...	--	--	2.0	--	--	--	--	--	--	--	--
26...	--	0	--	450	--	69	62	350	63	7.4	18
27...	--	5	--	470	--	83	60	340	61	6.9	17
28...	--	5	--	430	--	81	52	290	59	6.2	15
29...	--	6	--	410	--	81	46	240	56	5.3	14
APR											
04...	--	5	--	360	--	64	49	240	58	5.5	14
08...	--	5	1.0	400	--	79	46	230	55	5.1	13
MAY											
27...	7.4	3	--	390	--	64	53	240	57	5.4	14
JUN											
01...	7.1	4	--	420	--	70	57	240	55	5.2	15
08...	7.4	6	--	450	--	70	62	310	60	6.5	15
15...	--	2	--	450	--	69	63	320	61	6.7	17
AUG											
12...	7.4	0	--	450	--	66	65	310	60	6.5	16
27...	7.3	<1	--	240	--	52	24	100	48	2.9	6.0
SEP											
03...	7.4	1	--	270	--	51	33	130	51	3.5	8.8
10...	7.4	1	1.0	220	--	47	24	100	49	3.0	7.7
18...	7.2	5	--	240	--	52	25	82	42	2.3	7.6
22...	7.7	5	--	250	--	53	26	75	40	2.1	6.6
29...	--	4	1.0	220	--	54	19	58	36	1.7	6.0

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	BICAR- BONATE (MG/L AS (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)	ALKA- LINITY FIELD (MG/L AS CACO3) (00410)	SULFATE DIS- SOLVED (MG/L AS SO4) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
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LEE COUNTY

264308081405402 - 43526E23 L -2530 LEE COUNTY OLGA (LAT 26 43 08 LONG 081 40 54)

OCT , 1980											
10...	--	--	--	--	--	--	1590	--	--	--	--
MAR , 1981											
25...	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	260	1.6	13	1290	1330	--	10	17000
27...	--	--	--	280	1.6	12	1320	1350	--	<10	15000
28...	--	--	--	220	1.5	11	1170	1170	--	<10	13000
29...	--	--	--	200	1.5	10	1040	1060	--	<10	13000
APR											
04...	--	--	--	240	1.5	<.1	1070	--	--	<10	50
08...	--	--	--	290	1.5	11	1000	1090	--	<10	12000
MAY											
27...	--	--	--	240	1.5	11	1080	1060	--	<10	12000
JUN											
01...	--	--	--	220	1.5	13	1150	1080	--	40	13000
08...	--	--	--	280	1.6	12	1310	1310	--	20	13000
15...	--	--	--	300	1.6	12	1430	1380	--	30	14000
AUG											
12...	--	--	--	320	1.6	13	1500	1430	--	70	13000
27...	--	--	--	130	1.3	6.7	641	557	--	30	6600
SEP											
03...	--	--	--	190	1.4	8.2	715	692	--	20	8100
10...	--	--	--	150	1.4	7.5	605	569	--	40	7200
18...	--	--	--	130	1.5	7.8	548	511	--	20	7600
22...	--	--	--	120	1.4	8.0	516	478	--	30	8200
29...	--	--	--	97	1.2	8.5	452	413	--	40	6700

Florida Water
Management District
REFERENCE CENTER

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CACO3) (00900)	HARD- NESS NONCAR- BONATE (MG/L CACO3) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM DIS- SOLVED (MG/L AS MG) (00925)	SODIUM DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM RATIO (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM DIS- SOLVED (MG/L AS K) (00935)
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LEE COUNTY

264308081410001 - 43S26E23 L-1907 AT LEE CO WATER PLANT (LAT 26 43 08 LONG 081 41 00)

MAY , 1981

04...	7.8	<5	--	290	0	61	33	120	39	3.1	88
-------	-----	----	----	-----	---	----	----	-----	----	-----	----

264309081405201 -

L-3225 USGS

OLGA (LAT 26 43 09 LONG 081 40 52)

OCT , 1980

10...	--	--	--	--	--	--	--	--	--	--	--
10...	--	--	--	--	--	--	--	--	--	--	--
16...	7.2	80	--	190	45	61	10	32	26	1.0	3.7
17...	7.2	20	1.0	280	140	64	28	130	50	3.4	8.7
18...	7.2	10	.00	300	160	59	35	190	58	4.8	10
19...	7.3	6	.00	350	210	61	44	250	61	6.0	13
20...	7.4	8	.00	360	220	61	47	270	62	6.3	13
DEC											
09...	7.3	0	.00	430	400	64	60	370	65	8.0	18
11...	7.5	0	.00	290	200	59	32	200	60	5.2	11
12...	--	0	1.0	360	250	60	48	320	66	7.5	15
14...	--	0	.00	400	270	60	56	380	67	8.5	16
16...	7.4	0	.00	420	290	64	59	370	65	8.0	17
JAN , 1981											
23...	7.3	<5	--	430	290	65	61	350	64	7.5	19
FEB											
24...	6.2	<5	--	1400	1000	380	93	300	32	3.6	20
25...	6.5	<5	--	530	370	94	68	290	54	5.6	18
27...	7.5	<5	--	490	350	78	67	300	57	6.0	19
MAR											
20...	7.4	<5	--	480	--	74	67	400	64	8.1	18
25...	7.9	--	--	--	--	--	--	--	--	--	--
APR											
09...	--	--	2.0	--	--	--	--	--	--	--	--
MAY											
27...	7.5	11	.65	300	--	68	31	140	50	3.5	8.5
27...	--	--	--	--	--	--	--	--	--	--	--
28...	--	8	--	330	--	69	36	160	51	3.9	9.1
JUN											
01...	7.1	5	--	360	--	70	43	170	50	3.9	11
08...	7.3	7	--	360	--	69	46	230	57	5.3	13
15...	7.3	--	--	390	--	--	--	--	56	5.1	--
22...	7.3	1	--	430	--	71	58	270	57	5.8	16
JUL											
06...	7.2	1	--	410	--	68	56	310	61	6.7	18
17...	7.2	0	--	460	--	71	65	290	58	6.0	16
AUG											
12...	7.0	0	2.0	440	--	74	59	290	58	6.1	17

264309081405701 - 43S26E23 L -3224 LEE COUNTY OLGA (LAT 26 43 09 LONG 081 40 57)

MAY , 1981

27...	7.3	1	--	430	--	66	65	320	60	6.7	19
AUG											
12...	7.5	0	--	480	--	69	70	320	59	6.5	20
27...	7.3	<1	--	480	--	67	73	330	59	6.6	17
SEP											
03...	7.3	1	--	510	--	69	78	340	59	6.7	17
10...	7.3	1	1.0	460	--	62	70	330	61	6.8	17
22...	7.5	<1	--	490	--	69	74	340	60	6.8	16
29...	--	1	--	470	--	65	70	310	59	6.4	17

264320081365702 - L-1978 (LAT 26 43 20 LONG 081 36 57)

MAY , 1981

05...	7.8	<5	--	720	540	140	86	540	62	8.9	18
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264329081340401 - L-2200 (LAT 26 43 29 LONG 081 34 04)

MAY , 1981

04...	7.7	<5	--	660	590	130	78	500	62	8.6	17
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GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	BICAR- BONATE FET-FLD (MG/L AS HCO3) (00440)	CAH- BONATE FET-FLD (MG/L AS CO3) (00445)	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	FLUO- RIDE- DIS- SOLVED (MG/L AS F) (00950)	SILICA- DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS- SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TUNS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
------	--	--	--	--	---	--	---	--	--	---	---

LEE COUNTY

264308081410001 - 43S26E23 L-1907 AT LEE CO WATER PLANT (LAT 26 43 08 LONG 081 41 00)

MAY , 1981

04....	--	--	484	67	.9	37	664	718	--	30	3100
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264309081405201 -

L-3225 US6S

OLGA (LAT 26 43 09 LONG 081 40 52)

OCT , 1980

10...	--	--	--	--	--	--	1600	--	--	--	--
10...	--	--	--	--	--	--	380	--	--	--	--
16...	--	--	--	38	.3	9.9	352	302	.48	130	1000
17...	--	--	--	170	1.1	11	691	705	.94	30	8000
18...	--	--	140	180	1.2	11	856	859	1.2	60	8700
19...	--	--	140	220	1.4	12	1080	1070	1.5	100	12000
20...	--	--	140	230	1.4	12	1150	1130	1.6	110	12000
DEC											
09...	--	--	--	310	1.5	13	1540	1410	2.1	20	16000
11...	--	--	--	230	1.1	6.4	964	910	1.3	20	8900
12...	--	--	--	260	1.4	10	1280	1190	1.7	130	11000
14...	--	--	--	290	1.5	12	1450	1380	2.0	50	14000
16...	--	--	--	320	1.4	13	1470	1450	2.0	20	15000
JAN , 1981											
23...	--	--	--	310	1.5	13	1570	1450	2.1	<10	15000
FEB											
24...	--	--	--	270	1.6	16	2980	2400	--	1700	27000
25...	--	--	--	320	1.6	14	1670	1460	--	100	15000
27...	--	--	--	330	1.6	14	1570	1440	--	60	14000
MAR											
20...	--	--	--	320	1.6	16	1590	1520	--	70	16000
25...	--	--	--	--	--	--	--	--	--	60	--
APR											
09...	--	--	--	--	--	--	--	--	--	--	--
MAY											
27...	--	--	--	150	.9	8.7	726	728	--	--	4700
27...	--	--	--	--	--	--	734	--	--	--	--
28...	--	--	--	140	1.1	8.8	737	757	--	270	6400
JUN											
01...	--	--	--	160	1.1	10	930	844	--	290	8200
08...	--	--	--	190	1.3	11	1040	1010	--	350	9
15...	--	--	--	--	--	--	1250	1110	--	--	--
22...	--	--	--	260	1.4	11	1310	1220	--	290	11000
JUL											
06...	--	--	--	270	1.4	12	1380	1320	--	160	11000
17...	--	--	--	280	1.4	12	1440	1340	--	110	13000
AUG											
12...	--	--	--	290	1.5	12	1470	1320	--	--	12000

264309081405701 - 43S26E23 L -3224 LEE COUNTY OLGA (LAT 26 43 09 LONG 081 40 57)

MAY , 1981

27...	--	--	--	360	1.6	13	1530	1470	--	20	1400
AUG											
12...	--	--	--	310	1.7	11	1570	1500	--	50	14000
27...	--	--	--	340	1.6	10	1580	1520	--	40	13000
SEP											
03...	--	--	--	280	1.6	11	1500	1370	--	30	13000
10...	--	--	--	340	1.6	11	1550	1490	--	60	14000
22...	--	--	--	290	1.7	11	1490	1370	--	20	13000
29...	--	--	--	320	1.6	11	1510	1450	--	<10	14000

264320081365702 -

L-1978 (LAT 26 43 20 LONG 081 36 57)

MAY , 1981

05...	--	--	180	280	.8	30	2470	2190	--	60	18000
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264329081340401 -

L-2200 (LAT 26 43 29 LONG 081 34 04)

MAY , 1981

04...	--	--	72	270	.8	25	2160	2020	--	210	14000
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GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NUNCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
LEE COUNTY											
264359081424701 - L-1975 (LAT 26 43.59 LONG 081 42 47)											
MAY , 1981 04....	7.6	<5	--	230	0	45	27	65	38	1.9	6.4
264517082022101 - 43S23E07 L-1059 DUNTA GORDA SE (LAT 26 45 17 LONG 082 02 21)											
MAY , 1981 18....	7.1	1	--	420	170	93	45	160	45	3.4	6.8
264537081552202 - 43S24E04 L-2646 GILCHRIST (LAT 26 45 37 LONG 081 55 22)											
MAY , 1981 19....	7.9	1	--	210	0	38	27	42	29	1.3	10
264541081453901 - 43S26E06 L -5605 BABCOCK TUCKERS CORNER 6 (LAT 26 45 41 LONG 081 45 39)											
DEC , 1980 19....	--	--	--	--	--	--	--	--	--	--	--
19....	--	--	--	--	--	--	--	--	--	--	--
29....	--	--	--	--	--	--	--	--	--	--	--
264608081454101 - L-2216 (LAT 26 46 06 LONG 081 45 41)											
MAY , 1981 04....	7.9	<5	--	360	44	62	48	120	42	2.8	9.4
282530081094001 - 82S10903 COCOA 17 (LAT 28 25 30 LONG 081 09 40)											
JUN , 1981 15....	6.9	10	--	320	130	100	16	25	15	.6	1.8
282752081332301 - BUTLER SHALLOW WELL #5 NEAR WINDERMERE (LAT 28 27 52 LONG 081 33 23)											
MAR , 1981 30....	--	--	--	84	82	19	6.8	3.5	6	.2	7.1
282800081332501 - BUTLER SHALLOW WELL #6 NEAR WINDERMERE (LAT 28 28 00 LONG 081 33 25)											
MAR , 1981 30....	--	0	--	36	31	6.8	4.5	3.7	16	.3	4.8
JUN 12....	5.2	--	18	55	48	12	6.0	3.6	12	.2	3.7
282811081332101 - BUTLER SHALLOW WELL #4 NEAR WINDERMERE (LAT 28 28 11 LONG 081 33 21)											
MAR , 1981 30....	--	--	--	83	81	5.0	17	10	18	.5	13
JUN 12....	5.8	--	50	81	78	6.2	16	10	18	.5	13
282838081323801 - BUTLER SHALLOW WELL #7 NEAR WINDERMERE (LAT 28 28 38 LONG 081 32 38)											
MAR , 1981 30....	--	--	--	160	120	42	14	6.3	7	.2	20

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

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DATE	BICARBONATE FET-FLD (MG/L AS HCO3) (00440)	CARBONATE FET-FLD (MG/L AS CO3) (00445)	ALKALINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	FLUORIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (MG/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER AC-FT) (70303)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	STRONTIUM, DIS-SOLVED (UG/L AS SR) (01080)
------	---	--	---	---	---	--	---	--	--	--	---

LEE COUNTY

264359081424701 - L-1975 (LAT 26 43 59 LONG 081 42 47)

MAY , 1981 04...	--	--	312	21	1.0	58	452	455	--	50	1300
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264517082022101 - 43S23E07 L-1059 DUNTA GONDA SE (LAT 26 45 17 LONG 082 02 21)

MAY , 1981 18...	--	--	248	16	.9	34	1090	928	--	<10	4400
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264537081552202 - 43S24E04 L-2646 GILCHRIST (LAT 26 45 37 LONG 081 55 22)

MAY , 1981 19...	--	--	248	17	1.7	36	397	381	--	<10	2600
---------------------	----	----	-----	----	-----	----	-----	-----	----	-----	------

264541081453901 - 43S26E06 L -5605 BABCOCK TUCKERS CORNER G (LAT 26 45 41 LONG 081 45 39)

DEC , 1980 19...	--	--	--	2900	--	--	--	--	--	--	--
19...	--	--	--	2800	--	--	--	--	--	--	--
29...	--	--	--	2800	--	--	--	--	--	--	--

264608081454101 - L-2216 (LAT 26 46 08 LONG 081 45 41)

MAY , 1981 04...	--	--	312	39	.9	60	768	717	--	20	3000
---------------------	----	----	-----	----	----	----	-----	-----	----	----	------

282530081094001 - 82S10903 COCOA 17 (LAT 28 25 30 LONG 081 09 40)

JUN , 1981 15...	230	0	189	110	.3	26	437	433	--	--	1400
---------------------	-----	---	-----	-----	----	----	-----	-----	----	----	------

282752081332301 - BUTLER SHALLOW WELL #5 NEAR WINDERMERE (LAT 28 27 52 LONG 081 33 23)

MAR , 1981 30...	2	0	2	54	--	--	--	--	--	--	130
---------------------	---	---	---	----	----	----	----	----	----	----	-----

282800081332501 - BUTLER SHALLOW WELL #6 NEAR WINDERMERE (LAT 28 28 00 LONG 081 33 25)

MAR , 1981 30...	5	0	4	35	--	--	--	--	--	--	80
JUN 12...	9	0	7	43	.1	.2	118	81	--	--	70

282811081332101 - BUTLER SHALLOW WELL #4 NEAR WINDERMERE (LAT 28 28 11 LONG 081 33 21)

MAR , 1981 30...	2	0	2	32	--	--	--	--	--	--	120
JUN 12...	4	0	3	30	.2	2.6	182	167	--	--	100

282838081323801 - BUTLER SHALLOW WELL #7 NEAR WINDERMERE (LAT 28 28 38 LONG 081 32 38)

MAR , 1981 30...	48	0	39	100	--	--	--	--	--	--	90
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GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
MAJOR CONSTITUENTS

DATE	PH (UNITS) (00400)	COLOR (PLAT- INUM- COBALT UNITS) (00080)	TUR- BID- ITY (NTU) (00076)	HARD- NESS (MG/L AS CAC03) (00900)	HARD- NESS, NONCAR- BONATE (MG/L CAC03) (00902)	CALCIUM DIS- SOLVED (MG/L AS CA) (00915)	MAGNE- SIUM, DIS- SOLVED (MG/L AS MG) (00925)	SODIUM, DIS- SOLVED (MG/L AS NA) (00930)	PERCENT SODIUM (00932)	SODIUM AD- SORP- TION RATIO (00931)	POTAS- SIUM, DIS- SOLVED (MG/L AS K) (00935)
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LEE COUNTY

282842081324001 - BUTLER SHALLOW WELL #3 NEAR WINDERMERE (LAT 28 28 42 LONG 081 32 40)

MAR , 1981											
30...	--	15	--	130	130	30	14	4.5	6	.2	8.2

262109080175101 - PB-1428 (LAT 26 21 09 LONG 080 17 51)

JUL , 1981											
01...	6.9	110	--	390	0	120	22	150	45	3.3	5.9
01...	6.9	30	--	490	29	150	28	240	51	4.7	8.6
01...	6.9	10	--	760	300	210	56	790	69	13	21
02...	7.0	10	--	890	440	230	76	950	69	14	35

DATE	BICAR- BONATE FET-FLD (MG/L AS HC03) (00440)	CAR- BONATE FET-FLD (MG/L AS CO3) (00445)	ALKA- LINITY FIELD (MG/L AS CAC03) (00410)	SULFATE DIS- SOLVED (MG/L AS S04) (00945)	FLUO- RIDE, DIS- SOLVED (MG/L AS F) (00950)	SILICA, DIS- SOLVED (MG/L AS SI02) (00955)	SOLIDS, RESIDUE AT 180 DEG. C SOLVED (MG/L) (70300)	SOLIDS, SUM OF CONSTI- TUENTS, DIS- SOLVED (MG/L) (70301)	SOLIDS, DIS- SOLVED (TONS PER AC-FT) (70303)	IRON, DIS- SOLVED (UG/L AS FE) (01046)	STRON- TIUM, DIS- SOLVED (UG/L AS SR) (01080)
------	--	--	--	--	---	--	---	--	--	---	---

LEE COUNTY

282842081324001 - BUTLER SHALLOW WELL #3 NEAR WINDERMERE (LAT 28 28 42 LONG 081 32 40)

MAR , 1981											
30...	0	0	0	170	--	--	--	--	--	--	210

262109080175101 - PB-1428 (LAT 26 21 09 LONG 080 17 51)

JUL , 1981											
01...	550	0	451	.8	.6	30	922	835	--	1500	3100
01...	562	0	461	29	.4	21	1330	1210	--	1000	3300
01...	560	0	459	170	.4	19	3180	2950	--	380	4800
02...	554	0	454	290	.4	24	3710	3580	--	1500	4400

GROUND WATER QUALITY RECORDS

Nutrients

Data in this section include the following parameters:

Oxygen demand, biochem uninhib	Nitrogen, nitrate total (N)
Nitrogen, nitrate dissolved (as N)	Nitrogen, nitrate total
Nitrogen, nitrite dissolved (as N)	Nitrogen, NO ₂ , NO ₃ total
Nitrogen, ammonia total	Nitrogen, ammonia dissolved (as N)
Nitrogen, ammonia dissolved (as NH ₄)	Nitrogen, organic total
Nitrogen, organic dissolved	Nitrogen, ammonia + organic total
Nitrogen, total	Phosphorus, total
Phosphorus, dissolved	Phosphorus, orthophosphate total
Carbon, organic total	

The following remarks codes may appear with the data in this section:

E	Estimated value
<	Actual value is known to be less than the value shown
>	Actual value is known to be greater than the value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptance range (non-ideal colony count)

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	NITRO-GEN, NITRATE (MG/L AS N) (00620)	NITRO-GEN, NITRATE SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NITRITE SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)
BROWARD COUNTY									
255722080245501 - G-2317 (LAT 25 57 22 LONG 080 24 55)									
JUN , 1981									
06...	--	.00	--	.010	--	.01	.270	--	--
255724080203601 - G-2318 (LAT 25 57 24 LONG 080 20 36)									
JUN , 1981									
09...	--	.00	--	.010	--	.01	.900	--	--
10...	--	.00	--	.010	--	.01	1.50	--	--
10...	--	.00	--	.010	--	.01	.410	--	--
11...	--	.00	--	.010	--	.01	.440	--	--
255732080325601 - G-2316 (LAT 25 57 32 LONG 080 32 56)									
JUN , 1981									
05...	--	.00	--	.000	--	.00	.360	--	--
05...	--	.00	--	.010	--	.01	.440	--	--
05...	--	.00	--	.000	--	.00	.330	--	--
05...	--	.02	--	.010	--	.03	.270	--	--
08...	--	.00	--	.010	--	.01	.420	--	--
255829080144801 - G-2327 (LAT 25 58 29 LONG 080 14 48)									
JUL , 1981									
06...	--	.00	--	.000	--	.00	.410	--	--
06...	--	.00	--	.000	--	.00	.720	--	--
06...	--	.00	--	.000	--	.00	.730	--	--
07...	--	.00	--	.000	--	.00	.420	--	--
07...	--	.00	--	.000	--	.00	.450	--	--
255958080522201 - G-2346 (LAT 25 59 58 LONG 080 52 22)									
AUG , 1981									
05...	--	.01	--	.010	--	.02	.290	--	--
05...	--	.00	--	.000	--	.00	.290	--	--
06...	--	.00	--	.000	--	.00	.290	--	--
260027080110103 - G-2038A WALLER WELL (LAT 26 00 27 LONG 080 11 01)									
JUL , 1981									
29...	--	.00	--	.000	--	.00	.430	--	--
260032080135702 - 51S41E15 G2160 #1 (LAT 26 00 32 LONG 080 13 57)									
JUL , 1981									
30...	--	.00	--	.000	--	.00	.710	--	--
260311080120402 - 50S41E36 G-2270 USGS OBS WELL NK FT LAUD, FL (LAT 26 03 11 LONG 080 12 04)									
JUL , 1981									
29...	--	.00	--	.000	--	.00	1.10	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

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DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHURUS, TOTAL (MG/L AS P) (00665)	PHOS- PHURUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHURUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
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BROWARD COUNTY

255722080245501 - 6-2317 (LAT 25 57 22 LONG 080 24 55)

JUN , 1981
08... .90 -- 1.17 -- 1.2 .020 -- .010 --

255724080203601 - 6-2318 (LAT 25 57 24 LONG 080 20 36)

JUN , 1981
09... 1.2 -- 2.10 -- 2.1 .010 -- .010 --
10... 1.1 -- 2.60 -- 2.6 .010 -- .010 --
10... .35 -- .76 -- .77 .010 -- .010 --
11... .84 -- 1.28 -- 1.3 4.40 -- .020 --

255732080325601 - 6-2316 (LAT 25 57 32 LONG 080 32 56)

JUN , 1981
05... 1.1 -- 1.46 -- 1.5 .100 -- .010 --
05... 1.3 -- 1.74 -- 1.8 .500 -- .020 --
05... .17 -- .50 -- .50 .030 -- .010 --
05... .15 -- .42 -- .45 .280 -- .010 --
08... .33 -- .75 -- .76 .010 -- .010 --

255829080144801 - 6-2327 (LAT 25 58 29 LONG 080 14 48)

JUL , 1981
06... .29 -- .70 -- .70 .010 -- .010 --
06... .61 -- 1.33 -- 1.3 .040 -- .030 --
06... .21 -- .94 -- .94 .550 -- .020 --
07... .12 -- .54 -- .54 .030 -- .020 --
07... .02 -- .47 -- .47 .000 -- .000 --

255958080522201 - 6-2346 (LAT 25 59 58 LONG 080 52 22)

AUG , 1981
05... .24 -- .53 -- .55 .110 -- .000 --
05... .39 -- .68 -- .68 .150 -- .000 --
06... .37 -- .66 -- .66 2.05 -- .000 --

260027080110103 - 6-2038A WALLER WELL (LAT 26 00 27 LONG 080 11 01)

JUL , 1981
29... .57 -- 1.00 -- 1.0 .090 -- .020 7.8

260032080135702 - 51541E15 62160 #1 (LAT 26 00 32 LONG 080 13 57)

JUL , 1981
30... .73 -- 1.44 -- 1.4 .110 -- .020 12

260311080120402 - 50541E36 6-2270 USGS OBS WELL NR FT LAUD, FL (LAT 26 03 11 LONG 080 12 04)

JUL , 1981
29... .70 -- 1.80 -- 1.8 .070 -- .020 9.4

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO ₂ +NO ₃ TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH ₄) (71846)
BROWARD COUNTY									
260335080263701 - 6-2311 (LAT 26 03 35 LONG 080 26 37)									
MAY , 1981									
26...	--	.00	--	.000	--	.00	.890	--	--
26...	--	.00	--	.000	--	.00	.560	--	--
26...	--	.00	--	.000	--	.00	.450	--	--
26...	--	.00	--	.000	--	.00	.440	--	--
27...	--	.00	--	.000	--	.00	.550	--	--
27...	--	.00	--	.000	--	.00	.550	--	--
260532080503601 - 6-2338 (LAT 26 05 32 LONG 080 50 36)									
JUL , 1981									
15...	--	.01	--	.000	--	.01	.380	--	--
15...	--	.00	--	.010	--	.01	.410	--	--
260532080503602 - 6-2339 (LAT 26 05 32 LONG 080 50 36)									
SEP , 1981									
24...	--	.00	--	.010	--	.01	.550	--	--
260617080161201 - 6-2322 (LAT 26 06 17 LONG 080 16 12)									
JUN , 1981									
22...	--	.00	--	.030	--	.03	.670	--	--
22...	--	.00	--	.010	--	.01	1.30	--	--
22...	--	.00	--	.000	--	.00	1.40	--	--
23...	--	.00	--	.000	--	.00	1.10	--	--
23...	--	.00	--	.000	--	.00	.990	--	--
260641080123501 - 6-2345 (LAT 26 06 41 LONG 080 12 35)									
JUL , 1981									
30...	--	.00	--	.000	--	.00	.620	--	--
30...	--	.00	--	.000	--	.00	.620	--	--
30...	--	.06	--	.000	--	.06	.560	--	--
30...	--	.00	--	.000	--	.00	.750	--	--
30...	--	.00	--	.000	--	.00	.760	--	--
30...	--	.00	--	.000	--	.00	.730	--	--
30...	--	.00	--	.000	--	.00	.840	--	--
30...	--	.00	--	.000	--	.00	.870	--	--
30...	--	.00	--	.000	--	.00	.870	--	--
30...	--	.00	--	.000	--	.00	.480	--	--
30...	--	.03	--	.010	--	.04	.450	--	--
31...	--	.00	--	.000	--	.00	.640	--	--
31...	--	.00	--	.000	--	.00	.700	--	--
SEP									
30...	--	.00	--	.000	--	.00	.680	--	--
260742080220001 - 6-2321 (LAT 26 07 42 LONG 080 22 00)									
JUN , 1981									
17...	--	.00	--	.010	--	.01	.980	--	--
18...	--	.00	--	.000	--	.00	.930	--	--
18...	--	.00	--	.000	--	.00	.410	--	--
18...	--	.00	--	.000	--	.00	.430	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

313

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- UIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
BROWARD COUNTY									
260335080263701 - 6-2311 (LAT 26 03 35 LONG 080 26 37)									
MAY , 1981									
26...	1.0	--	1.89	--	1.9	.220	--	.080	--
26...	1.0	--	1.56	--	1.6	.070	--	.070	--
26...	.41	--	.86	--	.86	.790	--	.100	--
26...	.13	--	.57	--	.57	.120	--	.040	--
27...	.48	--	1.03	--	1.0	.040	--	.010	--
27...	.24	--	.79	--	.79	.690	--	.060	--
260532080503601 - 6-2338 (LAT 26 05 32 LONG 080 50 36)									
JUL , 1981									
15...	.31	--	.69	--	.70	.020	--	.000	--
15...	.28	--	.69	--	.70	.020	--	.020	--
260532080503602 - 6-2339 (LAT 26 05 32 LONG 080 50 36)									
SEP , 1981									
24...	.52	--	1.07	--	1.1	.180	--	.060	--
260617080161201 - 6-2322 (LAT 26 06 17 LONG 080 16 12)									
JUN , 1981									
22...	1.2	--	1.87	--	1.9	.900	--	.800	--
22...	.90	--	2.20	--	2.2	.450	--	.210	--
22...	.82	--	2.22	--	2.2	.030	--	.020	--
23...	.74	--	1.84	--	1.8	.010	--	.010	--
23...	2.6	--	3.59	--	3.6	2.40	--	.020	--
260641080123501 - 6-2345 (LAT 26 06 41 LONG 080 12 35)									
JUL , 1981									
30...	.86	--	1.48	--	1.5	2.20	--	.170	--
30...	.97	--	1.59	--	1.6	.630	--	.170	--
30...	.68	--	1.24	--	1.3	.070	--	.050	--
30...	.73	--	1.48	--	1.5	1.13	--	.180	--
30...	.04	--	.80	--	.80	.110	--	.030	--
30...	.59	--	1.32	--	1.3	.150	--	.020	--
30...	.61	--	1.45	--	1.5	.440	--	.020	--
30...	.33	--	1.20	--	1.2	.140	--	.030	--
30...	.38	--	1.25	--	1.3	.000	--	.000	--
30...	.24	--	.72	--	.72	.080	--	.020	--
30...	.41	--	.86	--	.90	.100	--	.000	--
31...	.22	--	.86	--	.86	.190	--	.000	--
31...	6.8	--	7.48	--	7.5	8.25	--	.010	--
SEP									
30...	.16	--	1.04	--	1.0	.040	--	.020	--
260742080220001 - 6-2321 (LAT 26 07 42 LONG 080 22 00)									
JUN , 1981									
17...	.74	--	1.72	--	1.7	.300	--	.080	--
18...	.89	--	1.82	--	1.8	.040	--	.020	--
18...	.30	--	.71	--	.71	.010	--	.000	--
18...	.16	--	.59	--	.59	.010	--	.000	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO-CHEMICAL 5 DAY (MG/L) (00310)	NITROGEN, NITRATE (MG/L AS N) (00620)	NITROGEN, NITRATE SOLVED (MG/L AS N) (00618)	NITROGEN, NITRITE (MG/L AS N) (00615)	NITROGEN, NITRITE SOLVED (MG/L AS N) (00613)	NITROGEN, NO2+NO3 (MG/L AS N) (00630)	NITROGEN, AMMONIA TOTAL (MG/L AS N) (00616)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITROGEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)
BROWARD COUNTY									
260843080283901 - G-2319 (LAT 26 08 43 LONG 080 28 39)									
JUN , 1981									
12...	--	.00	--	.010	--	.01	.840	--	--
12...	--	.00	--	.010	--	.01	.370	--	--
12...	--	.00	--	.010	--	.01	.400	--	--
15...	--	.00	--	.010	--	.01	.470	--	--
260844080415901 - G-2330 (LAT 26 08 44 LONG 080 41 59)									
JUL , 1981									
13...	--	.00	--	.010	--	.01	.500	--	--
14...	--	.01	--	.000	--	.01	.270	--	--
14...	--	.00	--	.000	--	.00	.300	--	--
260846080354201 - G-2320 (LAT 26 08 46 LONG 080 35 42)									
JUN , 1981									
15...	--	.00	--	.010	--	.01	.920	--	--
15...	--	.00	--	.010	--	.01	.250	--	--
16...	--	.00	--	.010	--	.01	.210	--	--
16...	--	.00	--	.000	--	.00	.300	--	--
16...	--	.00	--	.010	--	.01	.300	--	--
261014080512201 - G-2329 (LAT 26 10 14 LONG 080 51 22)									
JUL , 1981									
10...	--	.00	--	.010	--	.01	.380	--	--
10...	--	.00	--	.010	--	.01	.380	--	--
261016080492601 - 50S35E03 G -2246 US6S EVERGLADES 3 NE 6 (LAT 26 10 16 LONG 080 49 26)									
OCT , 1980									
18...	--	--	.01	--	.000	--	--	.470	.61
MAR , 1981									
03...	--	--	--	--	<.010	--	--	.180	.23
07...	--	--	--	--	<.010	--	--	.300	.39
08...	--	--	--	--	<.010	--	--	.290	.37
09...	--	--	--	--	<.010	--	--	.290	.37
APR									
01...	--	--	--	--	<.010	--	--	.180	.23
261143080121101 - 49S41E07 G1230 333 (LAT 26 11 43 LONG 080 12 11)									
AUG , 1981									
06...	--	.00	--	.000	--	.00	.820	--	--
261343080175801 - G-2341 (LAT 26 13 43 LONG 080 17 58)									
JUL , 1981									
20...	--	.00	--	.010	--	.01	.420	--	--
20...	--	.01	--	.000	--	.01	.550	--	--
20...	--	.01	--	.000	--	.01	.850	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

315

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- SOLVED (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
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BROWARD COUNTY

260843080283901 - 6-2319 (LAT 26 06 43 LONG 080 28 39)

JUN , 1981

12...	1.5	--	2.34	--	2.4	.050	--	.010	--
12...	.29	--	.66	--	.67	.060	--	.000	--
12...	.22	--	.62	--	.63	.010	--	.000	--
15...	.49	--	.96	--	.97	.020	--	.010	--

260844080415901 - 6-2330 (LAT 26 08 44 LONG 080 41 59)

JUL , 1981

13...	1.0	--	1.50	--	1.5	.160	--	.020	--
14...	.35	--	.62	--	.63	.040	--	.010	--
14...	.31	--	.61	--	.61	.020	--	.000	--

260846080354201 - 6-2320 (LAT 26 08 46 LONG 080 35 42)

JUN , 1981

15...	.46	--	1.38	--	1.4	.000	--	.000	--
15...	.33	--	.58	--	.59	.050	--	.000	--
16...	.23	--	.44	--	.45	.010	--	.000	--
16...	.26	--	.56	--	.56	.010	--	.000	--
16...	.94	--	1.24	--	1.3	.160	--	.060	--

261014080512201 - 6-2329 (LAT 26 10 14 LONG 080 51 22)

JUL , 1981

10...	.36	--	.74	--	.75	.010	--	.010	--
10...	.31	--	.69	--	.70	.030	--	.010	--

261016080492601 - 50S35E03 G -2296 USGS EVERGLADES 3 NE G (LAT 26 10 16 LONG 080 49 26)

OCT , 1980

18...	--	.05	--	.52	--	--	.010	--	6.0
MAR , 1981									
03...	--	.37	--	.55	--	--	.060	--	.9
07...	--	.00	--	.21	--	--	<.010	--	4.1
08...	--	.00	--	.27	--	--	<.010	--	2.6
09...	--	.00	--	.25	--	--	<.010	--	4.7
APR									
01...	--	.08	--	.26	--	--	.020	--	--

261143080121101 - 49S41E07 G1230 333 (LAT 26 11 43 LONG 080 12 11)

AUG , 1981

06...	.36	--	1.18	--	1.2	.100	--	.010	--
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261343080175801 - 6-2341 (LAT 26 13 43 LONG 080 17 56)

JUL , 1981

20...	1.6	--	2.02	--	2.0	.210	--	.030	--
20...	1.6	--	2.15	--	2.2	.070	--	.070	--
20...	.82	--	1.67	--	1.7	.050	--	.020	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO-GEN, NITRATE SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NITRITE SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)
BROWARD COUNTY									
261347080273701 - 6-2312 (LAT 26 13 47 LONG 080 27 37)									
MAY, 1981									
28...	--	.00	--	.000	--	.00	1.50	--	--
28...	--	.00	--	.010	--	.01	2.60	--	--
28...	--	.00	--	.000	--	.00	1.00	--	--
28...	--	.00	--	.010	--	.01	.360	--	--
28...	--	.00	--	.000	--	.00	.360	--	--
261348080122001 - 6-2342 (LAT 26 13 48 LONG 080 12 20)									
JUL, 1981									
21...	--	.01	--	.000	--	.01	.420	--	--
22...	--	.01	--	.000	--	.01	.290	--	--
22...	--	.00	--	.000	--	.00	.250	--	--
22...	--	.01	--	.000	--	.01	.310	--	--
22...	--	.00	--	.000	--	.00	.310	--	--
261348080122002 - 41E48S36 6-2343 (LAT 26 13 48 LONG 080 12 20)									
SEP, 1981									
24...	--	.00	--	.040	--	.04	.590	--	--
261458080494701 - 6-2340 (LAT 26 14 58 LONG 080 49 47)									
JUL, 1981									
18...	--	.01	--	.000	--	.01	.370	--	--
16...	--	.00	--	.010	--	.01	.410	--	--
16...	--	.01	--	.010	--	.02	.510	--	--
261938080121501 - 6-2323 (LAT 26 19 38 LONG 080 12 15)									
JUN, 1981									
24...	--	.00	--	.000	--	.00	.310	--	--
24...	--	.00	--	.000	--	.00	.310	--	--
25...	--	.00	--	.000	--	.00	.330	--	--
25...	--	.00	--	.000	--	.00	.380	--	--
25...	--	.00	--	.000	--	.00	.350	--	--
261938080121502 - 47S41E36 6-2324 (LAT 26 19 38 LONG 080 12 15)									
SEP, 1981									
22...	--	.00	--	.020	--	.02	.430	--	--
261952080500201 - 6-2314 (LAT 26 19 52 LONG 080 50 02)									
JUN, 1981									
02...	--	.00	--	.000	--	.00	.710	--	--
02...	--	.00	--	.000	--	.00	.750	--	--
02...	--	.00	--	.000	--	.00	.560	--	--
02...	--	.00	--	.000	--	.00	.520	--	--
03...	--	.00	--	.000	--	.00	.530	--	--
03...	--	.00	--	.010	--	.01	.480	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

317

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DISE- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHOS, TOTAL (MG/L AS P) (00665)	PHOS- PHOS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHOS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
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BROWARD COUNTY

261347080273701 - G-2312 (LAT 26 13 47 LONG 080 27 37)

MAY, 1981

28...	2.1	--	3.60	--	3.6	.140	--	.030	--
28...	1.9	--	4.50	--	4.5	.040	--	.030	--
28...	.98	--	1.98	--	2.0	.030	--	.010	--
28...	.42	--	.78	--	.79	.100	--	.050	--
28...	1.4	--	1.76	--	1.8	.600	--	.100	--

261348080122001 - G-2342 (LAT 26 13 48 LONG 080 12 20)

JUL, 1981

21...	.60	--	1.02	--	1.0	.080	--	.010	--
22...	.43	--	.72	--	.73	.230	--	.040	--
22...	.14	--	.39	--	.39	.000	--	.000	--
22...	.30	--	.61	--	.62	.070	--	.010	--
22...	.24	--	.55	--	.55	.160	--	.020	--

261348080122002 - 41E48536 G-2343 (LAT 26 13 48 LONG 080 12 20)

SEP, 1981

24...	.62	--	1.21	--	1.3	4.40	--	.640	--
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261458080494701 - G-2346 (LAT 26 14 58 LONG 080 49 47)

JUL, 1981

16...	.48	--	.85	--	.86	.020	--	.000	--
16...	.44	--	.85	--	.86	.090	--	.020	--
16...	.34	--	.85	--	.87	.040	--	.020	--

261938080121501 - G-2323 (LAT 26 19 38 LONG 080 12 15)

JUN, 1981

24...	.64	--	.95	--	.95	.510	--	.110	--
24...	.71	--	1.02	--	1.0	.440	--	.080	--
25...	.31	--	.64	--	.64	.010	--	.010	--
25...	.65	--	1.03	--	1.0	2.30	--	.010	--
25...	.17	--	.52	--	.52	.010	--	.010	--

261938080121502 - 47S41E36 G-2324 (LAT 26 19 38 LONG 080 12 15)

SEP, 1981

22...	2.4	--	2.80	--	2.8	5.80	--	.090	--
-------	-----	----	------	----	-----	------	----	------	----

261952080500201 - G-2314 (LAT 26 19 52 LONG 080 50 02)

JUN, 1981

02...	1.0	--	1.71	--	1.7	.020	--	.020	--
02...	.88	--	1.63	--	1.6	.100	--	.040	--
02...	1.0	--	1.56	--	1.6	.030	--	.030	--
02...	1.0	--	1.52	--	1.5	.020	--	.020	--
03...	.72	--	1.25	--	1.3	.020	--	.020	--
03...	8.8	--	9.28	--	9.3	7.40	--	.020	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00610)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)
------	---	---	--	---	--	---	---	--	--

BROWARD COUNTY

261958080342101 -

G-2315 (LAT 26 19 58 LONG 080 34 21)

JUN , 1981

03...	--	.00	--	.000	--	.00	.120	--	--
03...	--	.00	--	.000	--	.00	.170	--	--
04...	--	.00	--	.000	--	.00	.410	--	--
04...	--	.00	--	.000	--	.00	.420	--	--
04...	--	.00	--	.000	--	.00	.550	--	--
04...	--	.00	--	.000	--	.00	.560	--	--
04...	--	.00	--	.000	--	.00	.690	--	--

261958080410601 -

G-2313 (LAT 26 19 58 LONG 080 41 06)

MAY , 1981

29...	--	.00	--	.000	--	.00	.350	--	--
29...	--	.00	--	.000	--	.00	.330	--	--
JUN									
01...	--	.00	--	.000	--	.00	.370	--	--
01...	--	.00	--	.000	--	.00	.350	--	--
01...	--	.00	--	.000	--	.00	.530	--	--
01...	--	.00	--	.000	--	.00	.540	--	--

COLLIER COUNTY

260917081391601 - 49526E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)

OCT , 1980

22...	1.3	.00	--	.010	--	.01	.460	--	--
JAN , 1981									
21...	1.0	.01	--	.000	--	.01	.420	--	--
APR									
21...	E1.1	.00	--	.000	--	.00	.520	--	--
JUL									
22...	.9	.00	--	.000	--	.00	.420	--	--

260917081394401 - 49526E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

OCT , 1980

22...	3.2	.00	--	.000	--	.00	.510	--	--
JAN , 1981									
21...	2.6	.00	--	.010	--	.01	.510	--	--
APR									
21...	E4.0	.00	--	.000	--	.00	.520	--	--
JUL									
22...	4.2	.00	--	.000	--	.00	.500	--	--

260917081394402 - 49526E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

OCT , 1980

22...	1.3	.00	--	.010	--	.01	.580	--	--
JAN , 1981									
21...	1.2	.00	--	.010	--	.01	.660	--	--
APR									
21...	E1.5	.00	--	.000	--	.00	.700	--	--
JUL									
22...	1.0	.00	--	.000	--	.00	.560	--	--

260941081393101 - 49526E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)

OCT , 1980

22...	1.3	.00	--	.000	--	.00	.300	--	--
JAN , 1981									
21...	1.4	.00	--	.000	--	.00	.290	--	--
APR									
21...	E1.0	.00	--	.000	--	.00	.330	--	--
JUL									
22...	.9	.00	--	.010	--	.01	.300	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
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BROWARD COUNTY

261958080342101 - 6-2315 (LAT 26 19 58 LONG 080 34 21)

JUN , 1981

03...	1.6	--	1.72	--	1.7	.020	--	.010	--
03...	1.4	--	1.57	--	1.6	.060	--	.010	--
04...	.18	--	.59	--	.59	.020	--	.020	--
04...	.19	--	.61	--	.61	.150	--	.020	--
04...	.15	--	.70	--	.70	.020	--	.010	--
04...	.20	--	.76	--	.76	.050	--	.020	--
04...	.24	--	.93	--	.93	1.00	--	.140	--

261958080410601 - 6-2313 (LAT 26 19 58 LONG 080 41 06)

MAY , 1981

29...	.65	--	1.00	--	1.0	.090	--	.000	--
29...	.67	--	1.00	--	1.0	.260	--	.010	--
JUN									
01...	.38	--	.75	--	.75	.030	--	.010	--
01...	.32	--	.67	--	.67	.030	--	.020	--
01...	.32	--	.85	--	.85	.060	--	.060	--
01...	.17	--	.71	--	.71	.030	--	.030	--

COLLIER COUNTY

260917081391601 - 49S26E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)

OCT , 1980

22...	.50	--	.96	--	.97	.010	--	.010	--
JAN , 1981									
21...	.90	--	1.32	--	1.3	.030	--	.030	--
APR									
21...	.88	--	1.40	--	1.4	.020	--	.020	--
JUL									
22...	1.1	--	1.52	--	1.5	.080	--	.020	--

260917081394401 - 49S26E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

OCT , 1980

22...	.21	--	.72	--	.72	.020	--	.000	--
JAN , 1981									
21...	.37	--	.88	--	.89	.090	--	.050	--
APR									
21...	.45	--	.97	--	.97	.030	--	.030	--
JUL									
22...	.65	--	1.15	--	1.2	.090	--	.080	--

260917081394402 - 49S26E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

OCT , 1980

22...	.78	--	1.36	--	1.4	.020	--	.020	--
JAN , 1981									
21...	.89	--	1.55	--	1.6	.060	--	.060	--
APR									
21...	1.0	--	1.70	--	1.7	.060	--	.040	--
JUL									
22...	.90	--	1.46	--	1.5	.050	--	.050	--

260941081393101 - 49S26E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)

OCT , 1980

22...	.51	--	.81	--	.81	.020	--	.010	--
JAN , 1981									
21...	.15	--	.44	--	.44	.070	--	.030	--
APR									
21...	.92	--	1.25	--	1.3	.020	--	.020	--
JUL									
22...	.96	--	1.26	--	1.3	.050	--	.030	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)
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COLLIER COUNTY

260941081393102 - 49S26E36 C-537 COLLIER CO. LANDFILL (LAT 26 09 41 LONG 081 39 31)

UCT, 1980									
22...	2.2	.38	--	.020	--	.40	.400	--	--
JAN, 1981									
21...	1.0	.12	--	.030	--	.15	.220	--	--
APR									
21...	E1.9	.01	--	.000	--	.01	.380	--	--
JUL									
23...	1.7	.00	--	.000	--	.00	.380	--	--

261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)

UCT, 1980									
22...	1.3	.00	--	.000	--	.00	.340	--	--
JAN, 1981									
21...	1.6	.00	--	.010	--	.01	.380	--	--
APR									
21...	E.9	.00	--	.000	--	.00	.350	--	--
JUL									
23...	1.2	.00	--	.000	--	.00	.290	--	--

261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

UCT, 1980									
22...	>9.4	.03	--	.000	--	.03	.150	--	--
JAN, 1981									
21...	--	.01	--	.000	--	.01	.600	--	--
APR									
21...	E4.5	.00	--	.000	--	.00	.510	--	--
JUL									
23...	6.0	.00	--	.010	--	.01	.500	--	--

261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

UCT, 1980									
22...	>9.5	.00	--	.010	--	.01	.210	--	--
JAN, 1981									
21...	3.1	.00	--	.000	--	.00	7.50	--	--
APR									
21...	E1.6	.00	--	.010	--	.01	.740	--	--
JUL									
23...	3.4	.00	--	.020	--	.02	.490	--	--

262405081200001 - C-554 (LAT 26 24 05 LONG 081 20 00)

UCT, 1980									
21...	.4	.00	--	.000	--	.00	.110	--	--
JAN, 1981									
20...	.4	.01	--	.000	--	.01	.080	--	--
APR									
22...	E.8	.00	--	.000	--	.00	.060	--	--
JUL									
22...	.8	.01	--	.010	--	.02	.060	--	--

262405081260001 - 47S29E09 C-593 (LAT 26 24 05 LONG 081 26 00)

UCT, 1980									
21...	1.1	.00	--	.000	--	.00	.040	--	--
JAN, 1981									
20...	.5	.06	--	.010	--	.09	.080	--	--
APR									
22...	E.7	.00	--	.000	--	.00	.200	--	--
JUL									
22...	.8	.00	--	.000	--	--	.030	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

321

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHU, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
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COLLIER COUNTY

260941081393102 - 49S26E36 C-537 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)

OCT , 1980									
22...	.36	--	.76	--	1.2	.020	--	.020	--
JAN , 1981									
21...	.06	--	.88	--	1.0	.140	--	.080	--
APR									
21...	.50	--	.88	--	.89	.020	--	.010	--
JUL									
23...	.72	--	1.10	--	1.1	.080	--	.050	--

261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)

OCT , 1980									
22...	.17	--	.51	--	.51	.020	--	.010	--
JAN , 1981									
21...	.34	--	.72	--	.73	.050	--	.030	--
APR									
21...	.30	--	.65	--	.65	.030	--	.030	--
JUL									
23...	.64	--	.93	--	.93	.050	--	.020	--

261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

OCT , 1980									
22...	.15	--	.30	--	.33	.030	--	.000	--
JAN , 1981									
21...	.70	--	1.30	--	1.3	.060	--	.010	--
APR									
21...	.45	--	.96	--	.96	.050	--	.050	--
JUL									
23...	.47	--	.97	--	.98	.100	--	.090	--

261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

OCT , 1980									
22...	.30	--	.51	--	.52	.210	--	.040	--
JAN , 1981									
21...	1.6	--	9.10	--	9.1	.110	--	.000	--
APR									
21...	1.1	--	1.84	--	1.9	.060	--	.060	--
JUL									
23...	1.1	--	1.59	--	1.6	.120	--	.110	--

262405081200001 - C-554 (LAT 26 24 05 LONG 081 20 00)

OCT , 1980									
21...	.21	--	.32	--	.32	.640	--	.000	--
JAN , 1981									
20...	.30	--	.38	--	.39	1.60	--	.000	--
APR									
22...	.24	--	.30	--	.30	.090	--	.040	--
JUL									
22...	.17	--	.23	--	.25	.070	--	.020	--

262405081260001 - 47S29E09 C-593 (LAT 26 24 05 LONG 081 26 00)

OCT , 1980									
21...	.06	--	.10	--	.10	14.0	--	.910	--
JAN , 1981									
20...	.05	--	.13	--	.22	.820	--	.000	--
APR									
22...	.04	--	.24	--	.24	2.60	--	2.20	--
JUL									
22...	.04	--	--	--	--	2.60	--	2.50	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO ₂ +NO ₃ TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH ₄) (71846)
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COLLIER COUNTY

262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)

OCT , 1980									
21...	2.1	.00	--	.000	--	.00	.030	--	--
JAN , 1981									
20...	1.1	.01	--	.000	--	.01	.060	--	--
APR									
22...	E1.0	.05	--	.000	--	.05	.040	--	--
JUL									
22...	1.2	.00	--	.010	--	.01	.030	--	--

262418081255604 - 47S29E09 C -596 COLLIER CO IMMOKALEE (LAT 26 24 18 LONG 081 25 56)

OCT , 1980									
21...	1.6	.01	--	.000	--	.01	1.00	--	--
JAN , 1981									
20...	.3	.00	--	.010	--	.01	1.00	--	--
APR									
22...	E1.2	.00	--	.000	--	.00	.920	--	--

262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)

OCT , 1980									
21...	.5	.00	--	.000	--	.00	.120	--	--
JAN , 1981									
20...	.5	.00	--	.010	--	.01	.120	--	--
APR									
22...	.7	.00	--	.000	--	.00	.130	--	--
JUL									
21...	--	.01	--	.000	--	.01	.220	--	--

262419081254902 - C-551 (LAT 26 24 19 LONG 081 25 49)

OCT , 1980									
21...	1.0	.00	--	.000	--	.00	.030	--	--
JAN , 1981									
20...	.8	.05	--	.000	--	.05	.100	--	--
APR									
22...	E.8	.00	--	.000	--	.00	.020	--	--
JUL									
21...	--	.00	--	.000	--	--	.050	--	--

262431081254201 - C-550 (LAT 26 24 31 LONG 081 25 42)

OCT , 1980									
21...	.3	.00	--	.000	--	.00	.080	--	--
JAN , 1981									
20...	.2	.00	--	.000	--	.00	.100	--	--
APR									
22...	--	.31	--	.000	--	.31	.060	--	--
JUL									
21...	--	.01	--	.000	--	.01	.150	--	--

262431081254202 - C-549 (LAT 26 24 31 LONG 081 25 42)

OCT , 1980									
21...	1.0	.00	--	.000	--	.00	.060	--	--
APR , 1981									
22...	1.0	.00	--	.000	--	.00	.040	--	--
JUL									
22...	1.2	.00	--	.000	--	.00	.060	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

323

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS- (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
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COLLIER COUNTY

262418081255603 - 47529E09 C-597 (LAT 26 24 18 LONG 081 25 56)

OCT , 1980									
21...	.49	--	.52	--	.52	.320	--	.030	--
JAN , 1981									
20...	.32	--	.38	--	.39	22.0	--	.140	--
APR									
22...	1.5	--	1.54	--	1.6	.080	--	.050	--
JUL									
22...	.08	--	.11	--	.12	2.60	--	1.50	--

262418081255604 - 47529E09 C -596 COLLIER CU IMMOKALEE (LAT 26 24 18 LONG 081 25 56)

OCT , 1980									
21...	.68	--	1.68	--	1.7	2.20	--	.010	--
JAN , 1981									
20...	2.0	--	3.00	--	3.0	3.50	--	.010	--
APR									
22...	1.3	--	2.22	--	2.2	1.10	--	.010	--

262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)

OCT , 1980									
21...	.18	--	.30	--	.30	.170	--	.000	--
JAN , 1981									
20...	.24	--	.36	--	.37	.390	--	.140	--
APR									
22...	.48	--	.61	--	.61	.110	--	.070	--
JUL									
21...	.57	--	.79	--	.80	.360	--	.010	--

262419081254902 - C-551 (LAT 26 24 19 LONG 081 25 49)

OCT , 1980									
21...	.37	--	.40	--	.40	2.20	--	1.80	--
JAN , 1981									
20...	.83	--	.93	--	.98	2.30	--	.820	--
APR									
22...	.19	--	.21	--	.21	2.30	--	1.90	--
JUL									
21...	.04	--	--	--	--	2.50	--	2.40	--

262431081254201 - C-550 (LAT 26 24 31 LONG 081 25 42)

OCT , 1980									
21...	.80	--	.88	--	.88	.060	--	.000	--
JAN , 1981									
20...	.28	--	.38	--	.38	.070	--	.030	--
APR									
22...	.40	--	.46	--	.77	.080	--	.070	--
JUL									
21...	1.1	--	1.25	--	1.3	.190	--	.030	--

262431081254202 - C-549 (LAT 26 24 31 LONG 081 25 42)

OCT , 1980									
21...	.84	--	.90	--	.90	.670	--	.000	--
APR , 1981									
22...	.06	--	.10	--	.10	1.10	--	.050	--
JUL									
22...	.14	--	.20	--	.20	.470	--	.330	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO-CHEMICAL, 5 DAY (MG/L) (00310)	NITRO-GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO-GEN, NITRATE DIS-SOLVED (MG/L AS N) (00618)	NITRO-GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)	NITRO-GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO-GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS NH4) (71846)
DADE COUNTY									
252824080250601 - 57539E15 G-3235 (LAT 25 28 24 LONG 080 25 06)									
AUG , 1981									
07...	--	.83	--	.010	--	.84	.060	--	--
07...	--	.52	--	.000	--	.52	1.40	--	--
254946080172601 - 53541E13 G-3234 (LAT 25 49 46 LONG 080 17 26)									
AUG , 1981									
03...	--	.02	--	.000	--	.02	.080	--	--
03...	--	.03	--	.000	--	.03	.530	--	--
04...	--	.01	--	.000	--	.01	.430	--	--
04...	--	.00	--	.000	--	.00	.270	--	--
255250080220201 - G-3168 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)									
MAY , 1981									
08...	--	.01	--	.010	--	.02	.340	--	--
30...	--	.01	--	.000	--	.01	.540	--	--
AUG									
17...	--	.00	--	.000	--	.00	.600	--	--
SEP									
07...	--	.01	--	.010	--	.02	.510	--	--
255250080220202 - G-3169 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)									
MAY , 1981									
08...	--	.00	--	.000	--	.00	.300	--	--
30...	--	.00	--	.000	--	.00	.360	--	--
AUG									
17...	--	.00	--	.000	--	.00	.700	--	--
SEP									
07...	--	.01	--	.000	--	.01	.480	--	--
GLADES COUNTY									
265454081151001 - LYKES 12 INCHER (LAT 26 54 54 LONG 081 15 10)									
JUN , 1981									
11...	--	--	--	--	<.010	--	--	.260	.33
11...	--	--	--	--	<.010	--	--	.320	.41
270228081135501 - 70211301 39531E33 LYKES BR05 BRIGHTON SW (LAT 27 02 28 LONG 081 13 55)									
JUN , 1981									
09...	--	--	--	--	<.010	--	--	.380	.49
270848080552401 - 38534E28 GL 250 PEARCE OKEECHOBEE NW (LAT 27 08 48 LONG 080 55 24)									
JUN , 1981									
18...	--	--	--	--	<.010	--	--	.140	.18
271503081080901 - 71510801 37532E20 LYKES BR05 (LAT 27 15 03 LONG 081 08 09)									
JUN , 1981									
18...	--	--	--	--	<.010	--	--	.250	.32

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

325

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
------	---	--	---	--	--	--	---	--	--

DADE COUNTY

252824080250601 - 57S39E15 G-3235 (LAT 25 28 24 LONG 080 25 06)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG , 1981									
07...	.38	--	.44	--	1.3	.090	--	.000	--
07...	.36	--	1.76	--	2.3	.120	--	.000	--

254946080172601 - 53S41E13 G-3234 (LAT 25 49 46 LONG 080 17 26)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG , 1981									
03...	1.1	--	1.18	--	1.2	.340	--	.010	--
03...	.94	--	1.47	--	1.5	.240	--	.000	--
04...	.47	--	.90	--	.91	.180	--	.010	--
04...	.77	--	1.04	--	1.0	2.60	--	.000	--

255250080220201 - G-3168 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
MAY , 1981									
08...	.99	--	1.33	--	1.4	.030	--	.010	11
30...	1.2	--	1.74	--	1.8	.020	--	.020	21
AUG									
17...	.96	--	1.56	--	1.6	.010	--	.010	26
SEP									
07...	1.0	--	1.51	--	1.5	.030	--	.030	14

255250080220202 - G-3169 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
MAY , 1981									
08...	1.0	--	1.30	--	1.3	.020	--	.010	15
30...	1.0	--	1.36	--	1.4	.020	--	.020	21
AUG									
17...	2.1	--	2.80	--	2.8	.010	--	.010	25
SEP									
07...	1.1	--	1.58	--	1.6	.040	--	.030	24

GLADES COUNTY

265454081151001 - LYKES 12 INCHER (LAT 26 54 54 LONG 081 15 10)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
JUN , 1981									
11...	--	.20	--	.46	--	--	<.010	--	1.9
11...	--	.12	--	.44	--	--	.010	--	2.1

270228081135501 - 70211301 39S31E33 LYKES BROS BRIGHTON SW (LAT 27 02 28 LONG 081 13 55)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
JUN , 1981									
09...	--	.18	--	.56	--	--	.010	--	3.3

270848080552401 - 38S34E28 GL 250 PEARCE OKEECHOBEE NW (LAT 27 08 48 LONG 080 55 24)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
JUN , 1981									
18...	--	.49	--	.63	--	--	<.010	--	.4

271503081080901 - 71510801 37S32E20 LYKES BROS (LAT 27 15 03 LONG 081 08 09)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
JUN , 1981									
18...	--	.16	--	.41	--	--	<.010	--	2.3

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)
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LEE COUNTY

264308081405402 - 43S26E23 L -2530 LEE COUNTY OLGA (LAT 26 43 08 LONG 081 40 54)

APR , 1981									
08...	--	.00	.00	.000	.000	.00	.180	.180	.23
AUG									
12...	--	.00	.00	.000	.000	.00	.300	.320	.41
SEP									
03...	--	.12	.12	.020	.020	.14	.150	.150	.19
10...	--	.00	.03	.000	.030	.00	.200	.180	.23
29...	--	.14	.14	.040	.030	.18	.100	.100	.13

264309081405201 - L-3225 USGS OLGA (LAT 26 43 09 LONG 081 40 52)

OCT , 1980									
10...	--	.37	--	.010	--	.38	.040	--	--
17...	--	.00	.00	.020	.020	.02	.150	.130	.17
18...	--	.00	--	.000	--	.00	.150	--	--
19...	--	.00	--	.000	--	.00	.210	--	--
20...	--	.00	--	.000	--	.00	.220	--	--
DEC									
09...	--	.00	.00	.000	.010	.00	.330	.350	.45
11...	--	.00	.00	.010	.010	.01	.160	.160	.21
12...	--	.05	.00	.000	.000	.05	.330	.250	.32
14...	--	.00	.00	.000	.000	.00	.300	.300	.39
16...	--	.00	.00	.000	.000	.00	.310	.310	.40
JAN , 1981									
23...	--	.01	.01	.000	.000	.01	.340	.340	.44
MAR									
20...	--	.00	.00	.010	.010	.01	.290	.290	.37
MAY									
27...	--	.00	.00	.000	.000	.00	.630	.580	.75
27...	--	.00	.00	.000	.000	.00	.310	.310	.40
27...	--	.00	.00	.000	.000	.00	.300	.280	.36
27...	--	.00	.00	.000	.000	.00	.280	.270	.35
28...	--	.00	.00	.000	.000	.00	.200	.190	.24
JUN									
01...	--	.00	.00	.000	.000	.00	.160	.150	.19
08...	--	.00	.00	.000	.000	.00	.210	.200	.26
15...	--	.00	.00	.000	.000	.00	.240	.230	.30
22...	--	.00	.00	.000	.000	.00	.260	.260	.33
JUL									
06...	--	.00	.00	.020	.010	.02	.300	.280	.36
17...	--	.01	.01	.000	.000	.01	.290	.270	.35
AUG									
12...	--	.00	.00	.000	.000	.00	.360	.370	.48

264309081405701 - 43S26E23 L -3224 LEE COUNTY OLGA (LAT 26 43 09 LONG 081 40 57)

AUG , 1981									
12...	--	.00	.00	.000	.000	.00	.340	.330	.43

ORANGE COUNTY

282530081094001 - 82510903 COCOA 17 (LAT 28 25 30 LONG 081 09 40)

JUN , 1981									
15...	--	--	.00	--	.000	--	--	.400	.52

282752081332301 - BUTLER SHALLOW WELL #5 NEAR WINERMERE (LAT 28 27 52 LONG 081 33 23)

MAR , 1981									
30...	--	--	.22	--	.000	--	--	2.30	3.0

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

327

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
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LEE COUNTY

264308081405402 - 43S26E23 L -2530 LEE COUNTY OLGA (LAT 26 43 08 LONG 081 40 54)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
APR , 1981									
08...	.40	.40	.58	.58	.56	.010	.010	.010	.0
AUG									
12...	.06	.11	.36	.43	.36	.110	.110	.000	--
SEP									
03...	.22	.19	.37	.34	.51	.020	.010	.010	--
10...	.28	.35	.48	.53	.48	.020	.020	.010	--
29...	.36	.36	.46	.46	.64	.010	.010	.010	--

264309081405201 - L-3225 USGS OLGA (LAT 26 43 09 LONG 081 40 52)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
OCT , 1980									
10...	.62	--	.66	--	1.0	.110	--	.080	--
17...	.15	.14	.30	.27	.32	.030	.030	.020	--
18...	.07	--	.22	--	.22	.020	--	.020	--
19...	.06	--	.27	--	.27	.020	--	.020	--
20...	.06	--	.28	--	.28	.020	--	.010	--
DEC									
09...	.32	.22	.65	.57	.65	.000	.020	.000	2.3
11...	.25	.25	.41	.41	.42	.040	.040	.010	5.6
12...	.71	.14	1.04	.39	1.1	.060	.040	.030	3.4
14...	.63	.09	.93	.39	.93	.030	.030	.020	4.7
16...	.02	.03	.33	.34	.33	.020	.020	.010	4.9
JAN , 1981									
23...	.16	.34	.50	.68	.51	.060	.040	.010	2.5
MAR									
20...	.03	.17	.32	.46	.33	.020	.070	.000	3.0
MAY									
27...	.97	.97	1.60	1.6	1.6	.050	.050	.040	--
27...	.63	.60	.94	.91	.94	.040	.040	.020	--
27...	.57	.50	.87	.78	.87	.030	.030	.020	--
27...	.54	.47	.82	.74	.82	.030	.030	.020	--
28...	.37	.35	.57	.54	.57	.030	.030	.020	--
JUN									
01...	.27	.27	.43	.42	.43	.020	.010	.010	--
08...	.30	.30	.51	.50	.51	.020	.020	.020	--
15...	.18	.14	.42	.37	.42	.040	.020	.020	--
22...	.26	.25	.52	.51	.52	.030	.030	.020	--
JUL									
06...	.18	.18	.48	.46	.50	.010	.010	.000	--
17...	.04	.02	.33	.29	.34	.070	.070	.020	--
AUG									
12...	.08	.42	.44	.79	.44	.070	.070	.020	--

264309081405701 - 43S26E23 L -3224 LEE COUNTY OLGA (LAT 26 43 09 LONG 081 40 57)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
AUG , 1981									
12...	.15	.14	.49	.47	.49	.030	.030	.000	--

ORANGE COUNTY

282530081094001 - 82510903 COCOA 17 (LAT 28 25 30 LONG 081 09 40)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
JUN , 1981									
15...	--	.26	--	.66	--	--	.100	--	--

282752081332301 - BUTLER SHALLOW WELL #5 NEAR WINDERMERE (LAT 28 27 52 LONG 081 33 23)

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
MAR , 1981									
30...	--	.10	--	2.4	--	--	.010	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

DATE	OXYGEN DEMAND, BIO- CHEM- ICAL, 5 DAY (MG/L) (00310)	NITRO- GEN, NITRATE TOTAL (MG/L AS N) (00620)	NITRO- GEN, NITRATE DIS- SOLVED (MG/L AS N) (00618)	NITRO- GEN, NITRITE TOTAL (MG/L AS N) (00615)	NITRO- GEN, NITRITE DIS- SOLVED (MG/L AS N) (00613)	NITRO- GEN, NO2+NO3 TOTAL (MG/L AS N) (00630)	NITRO- GEN, AMMONIA TOTAL (MG/L AS N) (00610)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS N) (00608)	NITRO- GEN, AMMONIA DIS- SOLVED (MG/L AS NH4) (71846)
------	---	---	--	---	--	---	---	--	--

ORANGE COUNTY

282800081332501 - BUTLER SHALLOW WELL #6 NEAR WINDERMERE (LAT 28 28 00 LONG 081 33 25)

MAR , 1981									
30...	--	--	.51	--	.000	--	--	.030	.04
JUN									
12...	--	--	.09	--	.010	--	--	.030	.04

282811081332101 - BUTLER SHALLOW WELL #4 NEAR WINDERMERE (LAT 28 28 11 LONG 081 33 21)

MAR , 1981									
30...	--	--	15.0	--	.030	--	--	.060	.08
JUN									
12...	--	--	14.0	--	.020	--	--	.060	.08

282838081323801 - BUTLER SHALLOW WELL #7 NEAR WINDERMEKER (LAT 28 28 38 LONG 081 32 38)

MAR , 1981									
30...	--	--	7.60	--	.020	--	--	.060	.08

282842081324001 - BUTLER SHALLOW WELL #3 NEAR WINDERMERE (LAT 28 28 42 LONG 081 32 40)

MAR , 1981									
30...	--	--	.01	--	.010	--	--	3.40	4.4

PALM BEACH COUNTY

262109080175101 - PB-1428 (LAT 26 21 09 LONG 080 17 51)

JUL , 1981									
01...	--	.00	--	.000	--	.00	6.40	--	--
01...	--	.00	--	.000	--	.00	1.90	--	--
01...	--	.00	--	.000	--	.00	.620	--	--
02...	--	.00	--	.000	--	.00	.720	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
NUTRIENTS

329

DATE	NITRO- GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO- GEN, ORGANIC DIS- SOLVED (MG/L AS N) (00607)	NITRO- GEN,AM- MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO- GEN,AM- MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO- GEN, TOTAL (MG/L AS N) (00600)	PHOS- PHORUS, TOTAL (MG/L AS P) (00665)	PHOS- PHORUS, DIS- SOLVED (MG/L AS P) (00666)	PHOS- PHORUS, ORTHO, TOTAL (MG/L AS P) (70507)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
------	---	--	---	--	--	--	---	--	--

282800081332501 - BUTLER SHALLOW WELL #6 NEAR WINDERMERE (LAT 28 28 00 LONG 081 33 25)

MAR , 1981									
30...	--	.00	--	.03	--	--	.020	--	--
JUN									
12...	--	.08	--	.11	--	--	.000	--	--

282811081332101 - BUTLER SHALLOW WELL #4 NEAR WINDERMERE (LAT 28 28 11 LONG 081 33 21)

MAR , 1981									
30...	--	.20	--	.26	--	--	.010	--	--
JUN									
12...	--	.30	--	.36	--	--	.010	--	--

282838081323801 - BUTLER SHALLOW WELL #7 NEAR WINDERMERE (LAT 28 28 38 LONG 081 32 38)

MAR , 1981									
30...	--	.73	--	.79	--	.110	--	--	--

282842081324001 - BUTLER SHALLOW WELL #3 NEAR WINDERMERE (LAT 28 28 42 LONG 081 32 40)

MAR , 1981									
30...	--	.00	--	3.4	--	--	.000	--	--

PALM BEACH COUNTY

262109080175101 - PB-1428 (LAT 26 21 09 LONG 080 17 51)

JUL , 1981									
01...	.00	--	6.40	--	6.4	.180	--	.000	--
01...	1.0	--	2.90	--	2.9	1.00	--	.000	--
01...	.32	--	.94	--	.94	.150	--	.000	--
02...	.21	--	.93	--	.93	.050	--	.040	--

GROUND WATER QUALITY RECORDS

Trace Elements

Data in this section include the following parameters:

Aluminum, total recoverable	Aluminum, dissolved
Arsenic, total	Arsenic, dissolved
Barium, total recoverable	Barium, dissolved
Boron, total recoverable	Boron, dissolved
Cadmium, total recoverable	Cadmium, dissolved
Chromium, total recoverable	Chromium, dissolved
Cobalt, total recoverable	Cobalt, dissolved
Copper total, recoverable	Copper, dissolved
Iron, total recoverable	Lead, total recoverable
Lead, dissolved	Manganese, total recoverable
Manganese, dissolved	Mercury total recoverable
Mercury, dissolved	Molybdenum, total recoverable
Molybdenum, dissolved	Nickel, total recoverable
Nickel, dissolved	Selenium, total
Selenium, dissolved	Silver, total recoverable
Silver, dissolved	Zinc, dissolved
Zinc, total recoverable	

The following remarks codes may appear with the data in this section:

E	Estimated value
<	Actual value is known to be less than the value shown
>	Actual value is known to be greater than the value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptance range (non-ideal colony count)

The dissolved concentration reported for a particular trace element analysis may occasionally exceed the reported total concentration because of analytical error caused by background interference, lack of precision in the determination, non-representative sample-splitting for the analysis, or samples were collected at different times thus equivalent pairs of data are not presented.

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

333

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	BARIIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BARIIUM, DIS- SOLVED (UG/L AS BA) (01005)	BORON, TOTAL RECOV- ERABLE (UG/L AS B) (01022)	BORON, DIS- SOLVED (UG/L AS B) (01020)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)
BROWARD COUNTY											
255722080245501 - 6-2317 (LAT 25 57 22 LONG 080 24 55)											
JUN , 1981											
08...	20	--	--	--	--	--	--	--	20	--	--
255724080203601 - 6-2318 (LAT 25 57 24 LONG 080 20 36)											
JUN , 1981											
09...	20	--	--	--	--	--	--	--	40	--	--
10...	20	--	--	--	--	--	--	--	30	--	--
10...	20	--	--	--	--	--	--	--	10	--	--
11...	10	--	--	--	--	--	--	--	--	--	--
255732080325601 - 6-2316 (LAT 25 57 32 LONG 080 32 56)											
JUN , 1981											
05...	40	--	--	--	--	--	--	--	30	--	--
05...	70	--	--	--	--	--	--	--	10	--	--
05...	20	--	--	--	--	--	--	--	10	--	--
05...	30	--	--	--	--	--	--	--	10	--	--
08...	10	--	--	--	--	--	--	--	30	--	--
255829080144801 - 6-2327 (LAT 25 58 29 LONG 080 14 46)											
JUL , 1981											
06...	0	--	8	--	--	--	--	--	7	--	.0
06...	100	--	--	--	--	--	--	--	20	--	--
06...	0	--	30	--	--	--	--	--	50	--	<.1
07...	0	--	--	--	--	--	--	--	10	--	--
07...	0	--	--	--	--	--	--	--	10	--	--
255958080522201 - 6-2346 (LAT 25 59 58 LONG 080 52 22)											
AUG , 1981											
05...	<100	--	30	--	--	--	--	--	10	--	<.1
05...	200	--	--	--	--	--	--	--	10	--	--
06...	<100	--	9	--	--	--	--	--	--	--	<.1
260335080263701 - 6-2311 (LAT 26 03 35 LONG 080 26 37)											
MAY , 1981											
26...	20	--	--	--	--	--	--	--	70	--	--
26...	30	--	--	--	--	--	--	--	20	--	--
26...	20	--	--	--	--	--	--	--	40	--	--
26...	0	--	--	--	--	--	--	--	40	--	--
27...	10	--	--	--	--	--	--	--	50	--	--
27...	20	--	--	--	--	--	--	--	120	--	--
260532080503601 - 6-2338 (LAT 26 05 32 LONG 080 50 36)											
JUL , 1981											
15...	20	--	--	--	--	--	--	--	10	--	--
15...	0	--	--	--	--	--	--	--	20	--	--
260532080503602 - 6-2339 (LAT 26 05 32 LONG 080 50 36)											
SEP , 1981											
24...	100	--	--	--	--	--	--	--	10	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BORON, TOTAL RECOV- ERABLE (UG/L AS B) (01022)	BORON, DIS- SOLVED (UG/L AS B) (01020)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)
	BROWARD COUNTY										
260617080161201 - 6-2322 (LAT 26 06 17 LONG 080 16 12)											
JUN , 1981											
22...	0	--	30	--	--	--	--	--	20	--	<.1
22...	100	--	--	--	--	--	--	--	30	--	--
22...	0	--	30	--	--	--	--	--	30	--	.1
23...	0	--	--	--	--	--	--	--	50	--	--
23...	300	--	--	--	--	--	--	--	30	--	--
260641080123501 - 6-2345 (LAT 26 06 41 LONG 080 12 35)											
JUL , 1981											
30...	<100	--	20	--	--	--	--	--	20	--	<.1
30...	200	--	--	--	--	--	--	--	10	--	--
30...	<10	--	--	--	--	--	--	--	10	--	--
30...	<10	--	--	--	--	--	--	--	<10	--	--
30...	200	--	20	--	--	--	--	--	10	--	<.1
30...	<100	--	--	--	--	--	--	--	10	--	--
30...	<10	--	--	--	--	--	--	--	10	--	--
31...	100	--	40	--	--	--	--	--	40	--	<.1
SEP											
30...	20	--	--	--	--	--	--	--	30	--	--
260742080220001 - 6-2321 (LAT 26 07 42 LONG 080 22 00)											
JUN , 1981											
17...	0	--	30	--	--	--	--	--	20	--	<.1
18...	0	--	--	--	--	--	--	--	20	--	--
18...	0	--	10	--	--	--	--	--	10	--	.2
18...	0	--	--	--	--	--	--	--	20	--	--
260843080283901 - 6-2319 (LAT 26 08 43 LONG 080 28 39)											
JUN , 1981											
12...	10	--	60	--	--	--	--	--	80	--	<.1
12...	20	--	100	--	--	--	--	--	20	--	.3
12...	30	--	--	--	--	--	--	--	20	--	--
15...	20	--	100	--	--	--	--	--	60	--	.2
260844080415901 - 6-2330 (LAT 26 08 44 LONG 080 41 59)											
JUL , 1981											
13...	0	--	40	--	--	--	--	--	40	--	<.1
14...	0	--	10	--	--	--	--	--	6	--	.1
14...	0	--	100	--	--	--	--	--	10	--	<.1
260846080354201 - 6-2320 (LAT 26 08 46 LONG 080 35 42)											
JUN , 1981											
15...	10	--	--	--	--	--	--	--	110	--	--
15...	20	--	--	--	--	--	--	--	10	--	--
16...	20	--	20	--	--	--	--	--	20	--	.2
16...	0	--	--	--	--	--	--	--	10	--	--
16...	0	--	--	--	--	--	--	--	20	--	--
261014080512201 - 6-2329 (LAT 26 10 14 LONG 080 51 22)											
JUL , 1981											
10...	0	--	40	--	--	--	--	--	6	--	.4
10...	0	--	--	--	--	--	--	--	10	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

339

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BAKIUM, DIS- SOLVED (UG/L AS BA) (01005)	BORON, TOTAL RECOV- ERABLE (UG/L AS B) (01022)	BORON, DIS- SOLVED (UG/L AS B) (01020)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)
------	--	--	---	--	---	--	---	--	---	--	---

BROWARD COUNTY

261016080492601 - 50S35E03 G -2246 USGS EVERGLADES 3 NE G (LAT 26 10 16 LONG 080 49 26)

OCT , 1980											
18...	--	--	--	--	--	4	0	60	50	.1	.2
MAR , 1981											
03...	30	--	--	--	--	0	0	160	190	.1	.1
07...	10	--	--	--	--	1	0	110	90	.1	.1
08...	10	--	--	--	--	1	0	10	10	.1	.1
09...	10	--	--	--	--	3	0	20	10	.1	.1
APR											
01...	10	--	--	--	--	0	3	40	10	.1	.1

261343080175801 - G-2341 (LAT 26 13 43 LONG 080 17 58)

JUL , 1981											
20...	0	--	30	--	--	--	--	--	20	--	.1
20...	100	--	--	--	--	--	--	--	10	--	--
20...	0	--	20	--	--	--	--	--	7	--	<.1

261347080273701 - G-2312 (LAT 26 13 47 LONG 080 27 37)

MAY , 1981											
28...	20	--	--	--	--	--	--	--	30	--	--
28...	30	--	--	--	--	--	--	--	40	--	--
28...	20	--	--	--	--	--	--	--	40	--	--
28...	20	--	--	--	--	--	--	--	30	--	--

261348080122001 - G-2342 (LAT 26 13 48 LONG 080 12 20)

JUL , 1981											
21...	0	--	--	--	--	--	--	--	10	--	--
22...	0	--	30	--	--	--	--	--	40	--	.2
22...	<10	--	--	--	--	--	--	--	20	--	--
22...	0	--	50	--	--	--	--	--	10	--	<.1
22...	100	--	--	--	--	--	--	--	30	--	--

261348080122002 - 41E48S36 G-2343 (LAT 26 13 48 LONG 080 12 20)

SEP , 1981											
24...	30	--	--	--	--	--	--	--	20	--	--

261458080494701 - G-2340 (LAT 26 14 58 LONG 080 49 47)

JUL , 1981											
16...	0	--	--	--	--	--	--	--	10	--	--
16...	100	--	--	--	--	--	--	--	10	--	--
16...	<10	--	--	--	--	--	--	--	10	--	--

261938080121501 - G-2323 (LAT 26 19 38 LONG 080 12 15)

JUN , 1981											
24...	0	--	--	--	--	--	--	--	20	--	--
24...	200	--	--	--	--	--	--	--	20	--	--
25...	200	--	--	--	--	--	--	--	40	--	--

261938080121502 - 47S41E36 G-2324 (LAT 26 19 38 LONG 080 12 15)

SEP , 1981											
22...	20	--	--	--	--	--	--	--	20	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

341

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CU) (01027)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
------	--	---	--	---	---	--	--	---	--	---	---

BROWARD COUNTY

261952080500201 - G-2314 (LAT 26 19 52 LONG 080 50 02)

JUN , 1981											
02...	--	--	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--

261958080342101 - G-2315 (LAT 26 19 58 LONG 080 34 21)

JUN , 1981											
03...	--	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	--	--	--	--	--	--

261958080410601 - G-2313 (LAT 26 19 58 LONG 080 41 06)

MAY , 1981											
29...	--	--	--	--	--	--	--	--	--	--	--
JUN											
01...	--	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--	--

COLLIER COUNTY

260917081391601 - 49S26E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)

OCT , 1980											
22...	--	--	--	4	--	7	--	1	--	9	--
JAN , 1981											
21...	--	--	--	2	--	12	--	0	--	0	--
APR											
21...	--	--	--	2	--	2	--	0	--	3	--

260917081394401 - 49S26E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

OCT , 1980											
22...	--	--	--	0	--	3	--	2	--	0	--
JAN , 1981											
21...	--	--	--	0	--	4	--	0	--	0	--
APR											
21...	--	--	--	0	--	1	--	3	--	0	--

260917081394402 - 49S26E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

OCT , 1980											
22...	--	--	--	3	--	3	--	1	--	0	--
JAN , 1981											
21...	--	--	--	1	--	10	--	0	--	0	--
APR											
21...	--	--	--	3	--	2	--	1	--	3	--

260941081393101 - 49S26E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)

OCT , 1980											
22...	--	--	--	4	--	1	--	1	--	0	--
JAN , 1981											
21...	--	--	--	1	--	6	--	0	--	0	--
APR											
21...	--	--	--	<1	--	31	--	1	--	0	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	CADMIUM TOTAL RECUV- ERABLE (UG/L AS CD) (01027)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, TOTAL RECUV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COPPER, TOTAL RECUV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	LEAD, TOTAL RECUV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	ALUM- INUM, TOTAL RECUV- ERABLE (UG/L AS AL) (01105)
COLLIER COUNTY											
260941081393102 - 49S26E36 C-537 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)											
OCT , 1980											
22...	--	--	--	5	--	4	--	0	--	0	--
JAN , 1981											
21...	--	--	--	<1	--	6	--	0	--	0	--
APR											
21...	--	--	--	<1	--	27	--	2	--	0	--
JUL											
23...	--	--	--	<1	--	0	--	3	--	1	--
261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)											
OCT , 1980											
22...	--	--	--	5	--	0	--	1	--	0	--
JAN , 1981											
21...	--	--	--	2	--	4	--	0	--	0	--
APR											
21...	--	--	--	<1	--	31	--	18	--	3	--
JUL											
23...	--	--	--	--	--	2	--	0	--	1	--
261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)											
OCT , 1980											
22...	--	--	--	4	--	2	--	0	--	0	--
JAN , 1981											
21...	--	--	--	2	--	3	--	1	--	3	--
APR											
21...	--	--	--	<1	--	32	--	2	--	2	--
JUL											
23...	--	--	--	--	--	4	--	1	--	1	--
261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)											
OCT , 1980											
22...	--	--	--	4	--	--	--	2	--	0	--
JAN , 1981											
21...	--	--	--	3	--	5	--	0	--	0	--
APR											
21...	--	--	--	<1	--	32	--	1	--	0	--
JUL											
23...	--	--	--	--	--	0	--	1	--	2	--
262405081200001 - C-554 (LAT 26 24 05 LONG 081 20 00)											
OCT , 1980											
21...	--	--	--	4	--	0	--	2	--	3	--
JAN , 1981											
20...	--	--	--	3	--	--	--	1	--	2	--
APR											
22...	--	--	--	<1	--	27	--	1	--	0	--
JUL											
22...	--	--	--	30	--	0	--	0	--	2	--
262405081260001 - 47S29E09 C-593 (LAT 26 24 05 LONG 081 26 00)											
JAN , 1981											
20...	--	--	--	5	--	1	--	1	--	3	--
JUL											
22...	--	--	--	26	--	0	--	0	--	2	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
COLLIER COUNTY											
262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)											
OCT , 1980											
21...	--	--	--	7	--	1	--	1	--	6	--
JAN , 1981											
20...	--	--	--	4	--	--	--	1	--	6	--
APR											
22...	--	--	--	<1	--	23	--	2	--	0	--
JUL											
22...	--	--	--	1	--	4	--	4	--	2	--
262418081255604 - 47S29E09 C -596 COLLIER CO IMMOKALEE (LAT 26 24 18 LONG 081 25 56)											
OCT , 1980											
21...	--	--	--	6	--	2	--	2	--	5	--
JAN , 1981											
20...	--	--	--	5	--	--	--	2	--	5	--
APR											
22...	--	--	--	<1	--	25	--	1	--	2	--
JUL											
22...	--	--	--	<1	--	25	--	1	--	2	--
262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)											
OCT , 1980											
21...	--	--	--	6	--	0	--	1	--	2	--
JAN , 1981											
20...	--	--	--	3	--	0	--	1	--	3	--
APR											
22...	--	--	--	<1	--	29	--	2	--	2	--
JUL											
21...	--	--	--	<1	--	4	--	1	--	3	--
262419081254902 - C-551 (LAT 26 24 19 LONG 081 25 49)											
OCT , 1980											
21...	--	--	--	4	--	1	--	2	--	4	--
JAN , 1981											
20...	--	--	--	3	--	1	--	1	--	2	--
APR											
22...	--	--	--	1	--	14	--	7	--	1	--
JUL											
21...	--	--	--	1	--	4	--	3	--	5	--
262431081254201 - C-550 (LAT 26 24 31 LONG 081 25 42)											
OCT , 1980											
21...	--	--	--	5	--	4	--	3	--	3	--
JAN , 1981											
20...	--	--	--	3	--	0	--	--	--	4	--
APR											
22...	--	--	--	<1	--	29	--	2	--	2	--
JUL											
21...	--	--	--	<1	--	3	--	2	--	3	--
262431081254202 - C-549 (LAT 26 24 31 LONG 081 25 42)											
OCT , 1980											
21...	--	--	--	4	--	1	--	16	--	3	--
APR , 1981											
22...	--	--	--	<1	--	37	--	2	--	0	--
JUL											
22...	--	--	--	<1	--	0	--	0	--	3	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CU) (01027)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, DIS- SOLVED (UG/L AS PB) (01049)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
------	--	---	--	---	---	--	--	---	--	---	---

DADE COUNTY

252824080250601 - 57539E15 G-3235 (LAT 25 28 24 LONG 080 25 06)

AUG , 1981											
07...	--	1	--	<1	--	10	--	--	--	<1	--
07...	--	--	--	--	--	--	--	--	--	--	--

254946080172601 - 53541E13 G-3234 (LAT 25 49 46 LONG 080 17 26)

AUG , 1981											
03...	--	2	--	2	--	10	--	--	--	<1	--
03...	--	--	--	--	--	--	--	--	--	--	--
04...	--	2	--	1	--	<10	--	--	--	13	--

255250080220201 - G-3168 NR US HWY 27

SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)

MAY , 1981											
08...	--	--	--	--	--	--	--	--	0	--	--
30...	--	--	--	--	--	--	--	--	100	--	--
AUG											
17...	--	--	--	--	--	--	--	--	50	--	--
SEP											
07...	--	--	--	--	--	--	--	--	<100	--	--

255250080220202 - G-3169 NR US HWY 27

SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)

MAY , 1981											
08...	--	--	--	--	--	--	--	--	100	--	--
30...	--	--	--	--	--	--	--	--	100	--	--
AUG											
17...	--	--	--	--	--	--	--	--	50	--	--
SEP											
07...	--	--	--	--	--	--	--	--	<100	--	--

GLADES COUNTY

265454081151001 - LYKES 12 INCHER (LAT 26 54 54 LONG 081 15 10)

JUN , 1981											
11...	0	0	1	0	20	10	1	1	4	1	--
11...	0	--	1	0	60	10	4	2	4	1	--

270228081135501 - 70211301 39531E33 LYKES BRUS BRIGHTON SW (LAT 27 02 28 LONG 081 13 55)

JUN , 1981											
09...	1	0	1	1	60	<10	4	3	5	1	--

270848080552401 - 38534E28 GL 250 PEARCE

ORKECHOBEE NW (LAT 27 08 48 LONG 080 55 24)

JUN , 1981											
18...	2	1	1	<1	10	10	3	0	3	0	--

271503081080901 - 71510801 37532E20 LYKES BRUS (LAT 27 15 03 LONG 081 08 09)

JUN , 1981											
18...	2	0	1	<1	10	10	1	0	6	0	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

351

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	BARIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BARIUM, DIS- SOLVED (UG/L AS BA) (01005)	BORON, TOTAL RECOV- ERABLE (UG/L AS B) (01022)	BORON, DIS- SOLVED (UG/L AS B) (01020)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)
------	--	--	---	--	---	--	---	--	---	--	---

DADE COUNTY

252824080250601 - 57S39E15 G-3235 (LAT 25 28 24 LONG 080 25 06)

AUG , 1981											
07...	<10	--	10	--	--	--	--	--	20	--	<.1
07...	100	--	--	--	--	--	--	--	<10	--	--

254946080172601 - 53S41E13 G-3234 (LAT 25 49 46 LONG 080 17 26)

AUG , 1981											
03...	10	--	40	--	--	--	--	--	30	--	<.1
03...	200	--	--	--	--	--	--	--	40	--	--
04...	--	--	20	--	--	--	--	--	30	--	<.1

255250080220201 - G-3168 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)

MAY , 1981											
08...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
AUG											
17...	--	--	--	--	--	--	--	--	--	--	--
SEP											
07...	--	--	--	--	--	--	--	--	--	--	--

255250080220202 - G-3169 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)

MAY , 1981											
08...	--	--	--	--	--	--	--	--	--	--	--
30...	--	--	--	--	--	--	--	--	--	--	--
AUG											
17...	--	--	--	--	--	--	--	--	--	--	--
SEP											
07...	--	--	--	--	--	--	--	--	--	--	--

GLADES COUNTY

265454081151001 - LYKES 12 INCHER (LAT 26 54 54 LONG 081 15 10)

JUN , 1981											
11...	10	--	--	--	--	4	3	20	10	8.8	23
11...	10	--	--	--	--	5	2	30	30	14	--

270228081135501 - 70211301 39S31E33 LYKES BROS BRIGHTON SW (LAT 27 02 28 LONG 081 13 55)

JUN , 1981											
09...	30	--	--	--	--	3	2	30	7	9.0	9.0

270848080552401 - 38S34E28 GL 250 PEARCE OKEECHOBEE NW (LAT 27 08 48 LONG 080 55 24)

JUN , 1981											
18...	0	--	--	--	--	9	0	20	<1	<.1	<.1

271503081080901 - 71510801 37S32E20 LYKES BROS (LAT 27 15 03 LONG 081 08 09)

JUN , 1981											
18...	0	--	--	--	--	3	0	10	<1	<.1	<.1

South Florida Water
Management District
SOLICITS CENTER

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

DATE	MOLYB- DENUM, TOTAL RECOV- ERABLE UG/L AS MU) (01062)	MOLYB- DENUM, DIS- SOLVED UG/L AS MU) (01060)	NICKEL, TOTAL RECOV- ERABLE UG/L AS NI) (01067)	NICKEL, DIS- SOLVED UG/L AS NI) (01065)	SELE- NIUM, DIS- SOLVED UG/L AS SE) (01147)	SELE- NIUM, DIS- SOLVED UG/L AS SE) (01145)	SILVER, TOTAL RECOV- ERABLE UG/L AS AG) (01077)	SILVER, DIS- SOLVED UG/L AS AG) (01075)	ZINC, TOTAL RECOV- ERABLE UG/L AS ZN) (01092)	ZINC, DIS- SOLVED UG/L AS ZN) (01090)
------	--	---	---	--	---	---	---	--	---	--

DADE COUNTY

252824080250601 - 57539E15 G-3235 (LAT 25 28 24 LONG 080 25 06)

AUG , 1981										
07...	--	--	--	--	--	<1	--	--	--	40
07...	--	--	--	--	--	--	--	--	--	--

254946080172601 - 53541E13 G-3234 (LAT 25 49 46 LONG 080 17 26)

AUG , 1981										
03...	--	--	--	--	--	<1	--	--	--	100
03...	--	--	--	--	--	--	--	--	--	--
04...	--	--	--	--	--	<1	--	--	--	30

255250080220201 - G-3168 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)

MAY , 1981										
08...	--	--	--	--	--	--	--	--	40	--
30...	--	--	--	--	--	--	--	--	80	--
AUG										
17...	--	--	--	--	--	--	--	--	50	--
SEPT										
07...	--	--	--	--	--	--	--	--	50	--

255250080220202 - G-3169 NR US HWY 27 SPECIAL STUDY (LAT 25 52 50 LONG 080 22 02)

MAY , 1981										
08...	--	--	--	--	--	--	--	--	30	--
30...	--	--	--	--	--	--	--	--	50	--
AUG										
17...	--	--	--	--	--	--	--	--	90	--
SEPT										
07...	--	--	--	--	--	--	--	--	30	--

GLADES COUNTY

265454081151001 - LYKES 12 INCHER (LAT 26 54 54 LONG 081 15 10)

JUN , 1981										
11...	--	--	--	--	0	0	--	--	160	40
11...	--	--	--	--	0	--	--	--	50	50

270228081135501 - 70211301 39S31E33 LYKES BROS BRIGHTON SW (LAT 27 02 28 LONG 081 13 55)

JUN , 1981										
09...	--	--	--	--	0	0	--	--	40	5

270848080552401 - 38S34E28 GL 250 PEARCE OKEECHOBEE NW (LAT 27 08 48 LONG 080 55 24)

JUN , 1981										
18...	--	--	--	--	0	0	--	--	20	<4

271503081080901 - 71510801 37S32E20 LYKES BROS (LAT 27 15 03 LONG 081 08 09)

JUN , 1981										
18...	--	--	--	--	0	0	--	--	10	<4

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
TRACE ELEMENTS

DATE	ARSENIC TOTAL (UG/L AS AS) (01002)	ARSENIC DIS- SOLVED (UG/L AS AS) (01000)	CADMIUM TOTAL RECOV- ERABLE (UG/L AS CD) (01027)	CADMIUM DIS- SOLVED (UG/L AS CD) (01025)	CHRO- MIUM, TOTAL RECOV- ERABLE (UG/L AS CR) (01034)	CHRO- MIUM, DIS- SOLVED (UG/L AS CR) (01030)	COPPER, TOTAL RECOV- ERABLE (UG/L AS CU) (01042)	COPPER, DIS- SOLVED (UG/L AS CU) (01040)	LEAD, TOTAL RECOV- ERABLE (UG/L AS PB) (01051)	LEAD, D.S- SOLVED (UG/L AS PB) (01049)	ALUM- INUM, TOTAL RECOV- ERABLE (UG/L AS AL) (01105)
------	--	---	--	---	---	--	--	---	--	---	---

LEE COUNTY

264309081405201 -

L-3225 USGS

OLGA (LAT 26 43 09 LONG 081 40 52)

MAR , 1981											
25...	2	2	0	0	10	10	18	0	23	1	50
MAY											
27...	8	--	1	--	10	--	2	--	2	--	130
JUN											
08...	--	--	--	--	--	--	--	--	--	--	--
22...	--	--	--	--	--	--	--	--	--	--	--
JUL											
06...	--	--	--	--	--	--	--	--	--	--	0
17...	--	--	--	--	--	--	--	--	--	--	900
AUG											
12...	2	--	1	--	20	--	2	--	6	--	--

262109080175101 -

PB-1428 (LAT 26 21 09 LONG 080 17 51)

JUL , 1981											
01...	--	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--	--
01...	--	--	--	--	--	--	--	--	--	--	--
02...	--	--	--	--	--	--	--	--	--	--	--

DATE	ALUM- INUM, DIS- SOLVED (UG/L AS AL) (01106)	BARIIUM, TOTAL RECOV- ERABLE (UG/L AS BA) (01007)	BARIIUM, DIS- SOLVED (UG/L AS BA) (01005)	BOHON, TOTAL RECOV- ERABLE (UG/L AS B) (01022)	BOHON, DIS- SOLVED (UG/L AS B) (01020)	COBALT, TOTAL RECOV- ERABLE (UG/L AS CO) (01037)	COBALT, DIS- SOLVED (UG/L AS CO) (01035)	MANGA- NESE, TOTAL RECOV- ERABLE (UG/L AS MN) (01055)	MANGA- NESE, DIS- SOLVED (UG/L AS MN) (01056)	MERCURY TOTAL RECOV- ERABLE (UG/L AS HG) (71900)	MERCURY DIS- SOLVED (UG/L AS HG) (71890)
------	--	---	--	--	---	--	---	--	---	--	---

264309081405201 -

L-3225 USGS

OLGA (LAT 26 43 09 LONG 081 40 52)

MAR , 1981											
25...	30	<50	0	200	540	0	0	10	10	.2	.2
MAY											
27...	30	100	--	--	--	--	--	10	8	.2	--
JUN											
08...	20	--	--	--	--	--	--	--	2	--	--
22...	40	--	--	--	--	--	--	0	0	--	--
JUL											
06...	30	--	--	--	--	--	--	0	1	--	--
17...	30	--	--	--	--	--	--	<10	<10	--	--
AUG											
12...	--	<50	--	--	--	--	--	<10	--	.2	--

262109080175101 -

PB-1428 (LAT 26 21 09 LONG 080 17 51)

JUL , 1981											
01...	0	--	--	--	--	--	--	--	30	--	--
01...	70	--	--	--	--	--	--	--	30	--	--
01...	100	--	--	--	--	--	--	--	40	--	--
02...	0	--	--	--	--	--	--	--	20	--	--

GROUND WATER QUALITY RECORDS

Herbicides and Industrial Compounds

Data in this section include the following parameters:

Naphthalenes, polychlor. total	2, 4-D, total
2, 4, 5-T, total	Silvex, total

The following remarks codes may appear with the data in this section:

E	Estimated value
<	Actual value is known to be less than the value shown
>	Actual value is known to be greater than the value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptance range (non-ideal colony count)

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
HERBICIDES AND INDUSTRIAL COMPOUNDS

DATE	NAPH- THA- LENES, POLY- CHLOR.	2,4-D,	2,4,5-T	SILVEX,
	TOTAL (UG/L) (39250)	TOTAL (UG/L) (39730)	TOTAL (UG/L) (39740)	TOTAL (UG/L) (39760)

BROWARD COUNTY

260027080110103 - G-2038A WALLER WELL (LAT 26 00 27 LONG 080 11 01)

JUL , 1981				
29...	--	<.01	<.01	<.01

260311080120402 - 50541E36 G-2270 USGS OBS WELL NR FT LAUD, FL (LAT 26 03 11 LONG 080 12 04)

JUL , 1981				
29...	--	<.01	<.01	<.01

COLLIER COUNTY

260917081391601 - 49S26E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)

APR , 1981				
21...	<.10	<.01	<.01	<.01

260917081394401 - 49S26E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

APR , 1981				
21...	<.10	<.01	<.01	<.01

260917081394402 - 49S26E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)

APR , 1981				
21...	<.10	<.01	<.01	<.01

260941081393101 - 49S26E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)

APR , 1981				
21...	<.10	<.01	<.01	<.01

260941081393102 - 49S26E36 C-537 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)

APR , 1981				
21...	<.10	<.01	<.01	<.01

261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)

APR , 1981				
21...	<.10	<.01	<.01	<.01

261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

APR , 1981				
21...	<.10	<.01	<.01	<.01

261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

APR , 1981				
21...	<.10	<.01	<.01	<.01

262405081200001 - C-554 (LAT 26 24 05 LONG 081 20 00)

APR , 1981				
22...	--	<.01	<.01	<.01

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
HERBICIDES AND INDUSTRIAL COMPOUNDS

	NAPH-	THA-	LENES,	POLY-	CHLOR.	2,4-D,	2,4,5-T	SILVEX,
DATE	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)	(UG/L)
	(39250)	(39730)	(39740)	(39760)				

COLLIER COUNTY

262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)

APR , 1981				
22...	<.10	<.01	<.01	<.01

262418081255604 - 47S29E09 C -596 COLLIER CO IMMOKALEE (LAT 26 24 18 LONG 081 25 56)

APR , 1981				
22...	<.10	<.01	<.01	<.01

262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)

APR , 1981				
22...	<.10	<.01	<.01	<.01

262419081254902 - C-551 (LAT 26 24 19 LONG 081 25 49)

APR , 1981				
22...	<.10	<.01	<.01	<.01

262431081254201 - C-550 (LAT 26 24 31 LONG 081 25 42)

APR , 1981				
22...	<.10	<.01	<.01	<.01

262431081254202 - C-549 (LAT 26 24 31 LONG 081 25 42)

APR , 1981				
22...	<.10	1.4	<.01	<.01

GROUND WATER QUALITY RECORDS

Insecticides in Water

Data in this section include the following parameters:

Aldrin, total	Chlordane, total
DDD, total	DDE, total
DDT, total	Diazinon, total
Dieldrin, total	Endosulfan, total
Endrin, total	Ethion, total
Heptachlor, total	Heptachlor Epoxide, total
Mirex, total	Lindane, total
Malathion, total	Methoxychlor, total
Methyl Parathion, total	Methyl Trithion, total
Parathion, total	Perthane, total
Toxaphene, total	Trithion, total

The following remarks codes may appear with the data in this section:

E	Estimated value
<	Actual value is known to be less than the value shown
>	Actual value is known to be greater than the value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptance range (non-ideal colony count)

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
INSECTICIDES IN WATER

DATE	ALDRIN, TOTAL (UG/L) (39330)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDU, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- AZINON, TOTAL (UG/L) (39570)	DI- ELDRIN TOTAL (UG/L) (39380)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ETHION, TOTAL (UG/L) (39398)	ENDRIN, TOTAL (UG/L) (39390)	HEPTA- CHLOR, TOTAL (UG/L) (39410)
COLLIER COUNTY											
	260917081391601 - 49S26E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)										
APR , 1981 21...	<.01	<.10	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
	260917081394401 - 49S26E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)										
APR , 1981 21...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	260917081394402 - 49S26E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)										
APR , 1981 21...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	260941081393101 - 49S26E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)										
APR , 1981 21...	<.01	<.10	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
	260941081393102 - 49S26E36 C-537 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)										
APR , 1981 21...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)										
APR , 1981 21...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)										
APR , 1981 21...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)										
APR , 1981 21...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)										
APR , 1981 22...	<.01	<.10	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
	262418081255604 - 47S29E09 C -596 COLLIER CO IMMOKALEE (LAT 26 24 18 LONG 081 25 56)										
APR , 1981 22...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)										
APR , 1981 22...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
INSECTICIDES IN WATER

361

DATE	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	MIREX, TOTAL (UG/L) (39755)	LINDANE TOTAL (UG/L) (39340)	MALA- THION, TOTAL (UG/L) (39530)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METHYL PARA- THION, TOTAL (UG/L) (39600)	METHYL TRI- THION, TOTAL (UG/L) (39790)	PARA- THION, TOTAL (UG/L) (39540)	PER- THANE TOTAL (UG/L) (39034)	TOX- APHENE, TOTAL (UG/L) (39400)	TOTAL TRI- THION (UG/L) (39786)
COLLIER COUNTY											
260917081391601 - 49S26E36 C-540 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 16)											
APR , 1981 21...	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
260917081394401 - 49S26E36 C-538 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)											
APR , 1981 21...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<.01	--
260917081394402 - 49S26E36 C-539 COLLIER CO LANDFILL (LAT 26 09 17 LONG 081 39 44)											
APR , 1981 21...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<.01	--
260941081393101 - 49S26E36 C-536 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)											
APR , 1981 21...	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
260941081393102 - 49S26E36 C-537 COLLIER CO LANDFILL (LAT 26 09 41 LONG 081 39 31)											
APR , 1981 21...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<.01	--
261006081391601 - 49S26E36 C-535 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 16)											
APR , 1981 21...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<.01	--
261006081394301 - 49S26E36 C-533 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)											
APR , 1981 21...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<.01	--
261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)											
APR , 1981 21...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<.01	--
262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)											
APR , 1981 22...	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01	<.01
262418081255604 - 47S29E09 C -596 COLLIER CO IMMOKALEE (LAT 26 24 18 LONG 081 25 56)											
APR , 1981 22...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<.01	--
262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)											
APR , 1981 22...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<.01	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
INSECTICIDES IN WATER

DATE	ALDRIN, TOTAL (UG/L) (39330)	CHLOR- DANE, TOTAL (UG/L) (39350)	DDD, TOTAL (UG/L) (39360)	DDE, TOTAL (UG/L) (39365)	DDT, TOTAL (UG/L) (39370)	DI- AZINON, TOTAL (UG/L) (39570)	DI- ELDMIN TOTAL (UG/L) (39380)	ENDO- SULFAN, TOTAL (UG/L) (39388)	ETHION, TOTAL (UG/L) (39398)	ENDRIN, TOTAL (UG/L) (39396)	HEPTA- CHLOR, TOTAL (UG/L) (39410)
COLLIER COUNTY											
	262419081254902 -					C-551 (LAT 26 24 19 LONG 081 25 49)					
APR , 1981 22...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	262431081254201 -					C-550 (LAT 26 24 31 LONG 081 25 42)					
APR , 1981 22...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01
	262431081254202 -					C-549 (LAT 26 24 31 LONG 081 25 42)					
APR , 1981 22...	<.01	<.10	<.01	<.01	<.01	--	<.01	<.01	--	<.01	<.01

DATE	HEPTA- CHLOR EPOXIDE TOTAL (UG/L) (39420)	MIREX, TOTAL (UG/L) (39755)	LINDANE TOTAL (UG/L) (39340)	MALA- THION, TOTAL (UG/L) (39530)	METH- OXY- CHLOR, TOTAL (UG/L) (39480)	METHYL PAPA- THION, TOTAL (UG/L) (39600)	METHYL TRI- THION, TOTAL (UG/L) (39790)	PAPA- THION, TOTAL (UG/L) (39540)	PER- THANE TOTAL (UG/L) (39034)	TOX- APHENE, TOTAL (UG/L) (39400)	TOTAL TRI- THION (UG/L) (39786)
COLLIER COUNTY											
	262419081254902 -					C-551 (LAT 26 24 19 LONG 081 25 49)					
APR , 1981 22...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<0	--
	262431081254201 -					C-550 (LAT 26 24 31 LONG 081 25 42)					
APR , 1981 22...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<0	--
	262431081254202 -					C-549 (LAT 26 24 31 LONG 081 25 42)					
APR , 1981 22...	<.01	<.01	<.01	--	<.01	--	--	--	<.01	<0	--

GROUND WATER QUALITY RECORDS

Radiochemical Data

Data in this section include the following parameters:

Gross Alpha, dissolved	Gross Alpha, suspended total
Gross Alpha, dissolved	Gross Alpha, suspended total
Gross Beta, dissolved	Gross Beta, suspended total
Gross Beta, dissolved	Gross Beta, suspended total

The following remarks codes may appear with the data in this section:

E	Estimated value
<	Actual value is known to be less than the value shown
>	Actual value is known to be greater than the value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptance range (non-ideal colony count)

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
RADIOCHEMICAL DATA

DATE	GROSS ALPHA, DIS- SOLVED (UG/L AS U-NAT) (80030)	GROSS ALPHA, SUSP. TOTAL (UG/L AS U-NAT) (80040)	GROSS ALPHA, DIS- SOLVED (PCI/L AS U-NAT) (01515)	GROSS ALPHA, SUSP. TOTAL (PCI/L AS U-NAT) (01516)	GROSS BETA, DIS- SOLVED (PCI/L AS CS-137) (03515)	GROSS BETA, SUSP. TOTAL (PCI/L AS CS-137) (03516)	GROSS BETA, DIS- SOLVED (PCI/L AS SR/ YT-90) (80050)	GROSS BETA, SUSP. TOTAL (PCI/L AS SR/ YT-90) (80060)
------	---	---	--	--	--	--	---	---

LEE COUNTY

264309081405201 -

L-3225 US65

OLGA (LAT 26 43 09 LONG 081 40 52)

MAY , 1981
27... 33

.6

22

.4

13

1.1

12

1.1

GROUND WATER QUALITY RECORDS

Bacteriological and Miscellaneous Data

Data in this section include the following parameters:

Oxygen demand, chemical	Coliform, total immed.
Coliform, fecal 0.7 UM-MF	Streptococci fecal, kf agar
Carbon dioxide, dissolved	Solids, residue at 105°C, Dissolved
Solids, susp, tot, res, at 110°C	Phenols
Methylene blue, active substance	Oil and grease, tot rec gravimetric

The following remarks codes may appear with the data in this section:

E	Estimated value
<	Actual value is known to be less than the value shown
>	Actual value is known to be greater than the value shown
M	Presence of material verified but not quantified
N	Presumptive evidence of presence of material
ND	Material specifically analyzed for but not detected
K	Results based on colony count outside the acceptance range (non-ideal colony count)

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
BACTERIOLOGICAL AND MISCELLANEOUS DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	COLI-FORM, TOTAL, IMMEDIATE (COLS. PER 100 ML) (31501)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE DIS-SOLVED (MG/L AS CO2) (00405)	SOLIDS, RESIDUE AT 105 DEG. C, SOLVED (MG/L) (00515)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	OIL AND GREASE, TOTAL RECOVER. GRAVIMETRIC (MG/L) (00556)	
BROWARD COUNTY											
	255722080245501 -				G-2317 (LAT 25 57 22 LONG 080 24 55)						
JUN , 1981	08...	--	--	--	32	--	--	--	--	--	
	255724080203601 -				G-2318 (LAT 25 57 24 LONG 080 20 36)						
JUN , 1981	09...	--	--	--	48	--	--	--	--	--	
	10...	--	--	--	59	--	--	--	--	--	
	10...	--	--	--	50	--	--	--	--	--	
	11...	--	--	--	33	--	--	--	--	--	
	255732080325601 -				G-2316 (LAT 25 57 32 LONG 080 32 56)						
JUN , 1981	05...	--	--	--	30	--	--	--	--	--	
	05...	--	--	--	36	--	--	--	--	--	
	05...	--	--	--	34	--	--	--	--	--	
	08...	--	--	--	34	--	--	--	--	--	
	255829080144801 -				G-2327 (LAT 25 58 29 LONG 080 14 48)						
JUL , 1981	06...	--	--	--	4.9	--	--	--	--	--	
	06...	--	--	--	17	--	--	--	--	--	
	06...	--	--	--	37	--	--	--	--	--	
	07...	--	--	--	42	--	--	--	--	--	
	07...	--	--	--	34	--	--	--	--	--	
	255958080522201 -				G-2346 (LAT 25 59 58 LONG 080 52 22)						
AUG , 1981	05...	--	--	--	86	--	--	--	--	--	
	05...	--	--	--	68	--	--	--	--	--	
	06...	--	--	--	17	--	--	--	--	--	
	260027080110103 - G-2038A WALLER WELL (LAT 26 00 27 LONG 080 11 01)										
JUL , 1981	29...	32	--	--	--	--	--	17	--	--	
	260032080135702 - S1S41E1S G2160 #1 (LAT 26 00 32 LONG 080 13 57)										
JUL , 1981	30...	30	--	--	--	--	--	<1	--	--	
	260311080120402 - S0S41E36 G-2270 USGS OBS WELL NR FT LAUD, FL (LAT 26 03 11 LONG 080 12 04)										
JUL , 1981	29...	30	--	--	--	--	--	14	--	--	

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
BACTERIOLOGICAL AND MISCELLANEOUS DATA

367

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	COLI-FORM, TOTAL, IMMEDIATE (COLS. PER 100 ML) (31501)	COLI-FORM, FECAL, 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI, FECAL, KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE SOLVED (MG/L AS CO2) (00405)	SOLIDS, RESIDUE AT 105 DEG. C, DIS-SOLVED (MG/L) (00515)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (36260)	OIL AND GREASE, TOTAL RECOVERY GRAVIMETRIC (MG/L) (00556)
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BROWARD COUNTY

260335080263701 - G-2311 (LAT 26 03 35 LONG 080 26 37)

DATE	OXYGEN DEMAND	COLI-FORM	COLI-FECAL	STREPTOCOCCI	CARBON DIOXIDE	SOLIDS, RESIDUE	SOLIDS, SUSP.	PHENOLS	METHYLENE BLUE	OIL AND GREASE
MAY, 1981										
26...	--	--	--	--	40	--	--	--	--	--
26...	--	--	--	--	66	--	--	--	--	--
26...	--	--	--	--	83	--	--	--	--	--
27...	--	--	--	--	34	--	--	--	--	--
27...	--	--	--	--	64	--	--	--	--	--

260532080503601 - G-2338 (LAT 26 05 32 LONG 080 50 36)

DATE	OXYGEN DEMAND	COLI-FORM	COLI-FECAL	STREPTOCOCCI	CARBON DIOXIDE	SOLIDS, RESIDUE	SOLIDS, SUSP.	PHENOLS	METHYLENE BLUE	OIL AND GREASE
JUL, 1981										
15...	--	--	--	--	77	--	--	--	--	--
15...	--	--	--	--	78	--	--	--	--	--

260532080503602 - G-2339 (LAT 26 05 32 LONG 080 50 36)

DATE	OXYGEN DEMAND	COLI-FORM	COLI-FECAL	STREPTOCOCCI	CARBON DIOXIDE	SOLIDS, RESIDUE	SOLIDS, SUSP.	PHENOLS	METHYLENE BLUE	OIL AND GREASE
SEP, 1981										
24...	--	--	--	--	26	--	--	--	--	--

260617080161201 - G-2322 (LAT 26 06 17 LONG 080 16 12)

DATE	OXYGEN DEMAND	COLI-FORM	COLI-FECAL	STREPTOCOCCI	CARBON DIOXIDE	SOLIDS, RESIDUE	SOLIDS, SUSP.	PHENOLS	METHYLENE BLUE	OIL AND GREASE
JUN, 1981										
22...	--	--	--	--	46	--	--	--	--	--
22...	--	--	--	--	42	--	--	--	--	--
22...	--	--	--	--	39	--	--	--	--	--
23...	--	--	--	--	46	--	--	--	--	--
23...	--	--	--	--	40	--	--	--	--	--

260641080123501 - G-2345 (LAT 26 06 41 LONG 080 12 35)

DATE	OXYGEN DEMAND	COLI-FORM	COLI-FECAL	STREPTOCOCCI	CARBON DIOXIDE	SOLIDS, RESIDUE	SOLIDS, SUSP.	PHENOLS	METHYLENE BLUE	OIL AND GREASE
JUL, 1981										
30...	--	--	--	--	51	--	--	--	--	--
30...	--	--	--	--	48	--	--	--	--	--
30...	--	--	--	--	12	--	--	--	--	--
30...	--	--	--	--	69	--	--	--	--	--
30...	--	--	--	--	70	--	--	--	--	--
30...	--	--	--	--	8.4	--	--	--	--	--
30...	--	--	--	--	79	--	--	--	--	--
30...	--	--	--	--	87	--	--	--	--	--
30...	--	--	--	--	13	--	--	--	--	--
30...	--	--	--	--	54	--	--	--	--	--
30...	--	--	--	--	58	--	--	--	--	--
31...	--	--	--	--	59	--	--	--	--	--
31...	--	--	--	--	17	--	--	--	--	--
SEP 30...	--	--	--	--	32	--	--	--	--	--

260742080220001 - G-2321 (LAT 26 07 42 LONG 080 22 00)

DATE	OXYGEN DEMAND	COLI-FORM	COLI-FECAL	STREPTOCOCCI	CARBON DIOXIDE	SOLIDS, RESIDUE	SOLIDS, SUSP.	PHENOLS	METHYLENE BLUE	OIL AND GREASE
JUN, 1981										
18...	--	--	--	--	20	--	--	--	--	--
18...	--	--	--	--	46	--	--	--	--	--
18...	--	--	--	--	43	--	--	--	--	--

260843080283901 - G-2319 (LAT 26 08 43 LONG 080 28 39)

DATE	OXYGEN DEMAND	COLI-FORM	COLI-FECAL	STREPTOCOCCI	CARBON DIOXIDE	SOLIDS, RESIDUE	SOLIDS, SUSP.	PHENOLS	METHYLENE BLUE	OIL AND GREASE
JUN, 1981										
12...	--	--	--	--	158	--	--	--	--	--
12...	--	--	--	--	85	--	--	--	--	--
12...	--	--	--	--	69	--	--	--	--	--
15...	--	--	--	--	51	--	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
BACTERIOLOGICAL AND MISCELLANEOUS DATA

371

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	COLI-FORM, TOTAL IMMEDIATE (COLS. PER 100 ML) (31501)	COLI-FORM, FECAL (UM-MF) (COLS./100 ML) (31625)	STREPTOCOCCI, FECAL KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE DIS-SOLVED (MG/L AS CO2) (00405)	SOLIDS, RESIDUE AT 105 DEG. C. SOLVED (MG/L) (00515)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	PHENOLS (UG/L) (32730)	METHYLENE BLUE SUBSTANCE (MG/L) (38260)	OIL AND GREASE, TOTAL RECOVERY GRAVIMETRIC (MG/L) (00556)
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COLLIER COUNTY

261006081394302 - 49S26E36 C-534 COLLIER CO. LANDFILL (LAT 26 10 06 LONG 081 39 43)

OCT , 1980										
22...	160	--	--	--	8.7	506	--	--	--	--
JAN , 1981										
21...	--	0	0	0	--	758	--	--	--	--
APR										
21...	78	0	0	0	--	749	--	0	.10	--
JUL										
23...	30	--	--	--	--	936	--	--	--	--

262405081200001 - C-554 (LAT 26 24 05 LONG 081 20 00)

OCT , 1980										
21...	3	--	--	--	50	351	--	--	--	--
JAN , 1981										
20...	17	0	0	--	--	365	--	--	--	--
APR										
22...	27	--	0	2	--	374	--	0	.00	--
JUL										
22...	30	--	--	--	--	359	--	--	--	--

262405081260001 - 47S29E09 C-593 (LAT 26 24 05 LONG 081 26 00)

OCT , 1980										
21...	39	--	--	--	67	--	--	--	--	--
JAN , 1981										
20...	0	0	0	0	--	88	--	--	--	--
APR										
22...	21	--	0	0	--	--	--	--	--	--
JUL										
22...	30	--	--	--	--	53	--	--	--	--

262418081255603 - 47S29E09 C-597 (LAT 26 24 18 LONG 081 25 56)

OCT , 1980										
21...	41	--	--	--	115	90	--	--	--	--
JAN , 1981										
20...	10	20	0	0	--	80	--	--	--	--
APR										
22...	25	--	0	0	--	85	--	0	.00	--
JUL										
22...	30	--	--	--	--	86	--	--	--	--

262418081255604 - 47S29E09 C -596 COLLIER CO IMMOKALEE (LAT 26 24 18 LONG 081 25 56)

OCT , 1980										
21...	98	--	--	--	651	1150	--	--	--	--
JAN , 1981										
20...	70	8	0	0	--	1100	--	--	--	--
APR										
22...	72	0	0	0	--	1170	--	0	.00	--

262419081254901 - C-552 (LAT 26 24 19 LONG 081 25 49)

OCT , 1980										
21...	26	--	--	--	91	410	--	--	--	--
JAN , 1981										
20...	10	0	0	1	--	429	--	--	--	--
APR										
22...	33	--	0	1	--	653	--	0	.10	--
JUL										
21...	30	--	--	--	--	838	--	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
BACTERIOLOGICAL AND MISCELLANEOUS DATA

373

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	COLI-FORM, TOTAL, IMMEDIATE PER (100 ML) (31501)	COLI-FORM, FECAL, UM-MF (100 ML) (31625)	STREPTOCOCCI, FECAL, KF AGAR (100 ML) (31673)	CARBON DIOXIDE, DIS-SOLVED (MG/L) AS CO2 (00405)	SOLIDS, RESIDUE AT 105 DEG. C, DIS-SOLVED (MG/L) (00515)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	OIL AND GREASE, TOTAL RECOV. GRAVIMETRIC (MG/L) (00556)
------	---	--	--	---	--	--	---	------------------------	--	---

LEE COUNTY

264308081405402 - 43S26E23 L -2530 LEE COUNTY OLGA (LAT 26 43 08 LONG 081 40 54)

MAR , 1981

25...	--	--	--	--	--	--	3	--	--	--
APR 08...	--	--	--	--	--	--	6	--	--	--
MAY 27...	38	--	--	--	--	--	6	--	--	--
AUG 12...	31	--	--	--	--	--	3	--	--	--
27...	--	--	--	--	--	--	2	--	--	--
SEP 03...	25	--	--	--	--	--	--	--	--	--
10...	25	--	--	--	--	--	--	--	--	--
22...	10	--	--	--	--	--	--	--	--	--
29...	12	--	--	--	--	--	--	--	--	--

264309081405201 -

L-3225 USGS

OLGA (LAT 26 43 09 LONG 081 40 52)

OCT , 1980

10...	--	--	--	--	--	--	3	--	--	--
17...	--	--	--	--	--	--	0	--	--	--
18...	--	--	--	--	--	--	0	--	--	--
19...	--	--	--	--	--	--	0	--	--	--
20...	--	--	--	--	--	--	0	--	--	--
DEC 09...	--	--	--	--	--	--	5	--	--	--
09...	--	--	--	--	--	--	7	--	--	--
09...	--	--	--	--	--	--	8	--	--	--
09...	--	--	--	--	--	--	3	--	--	--
10...	--	--	--	--	--	--	6	--	--	--
10...	--	--	--	--	--	--	5	--	--	--
10...	--	--	--	--	--	--	7	--	--	--
10...	--	--	--	--	--	--	5	--	--	--
11...	--	--	--	--	--	--	5	--	--	--
12...	--	--	--	--	--	--	4	--	--	--
14...	--	--	--	--	--	--	2	--	--	--
16...	--	--	--	--	--	--	2	--	--	--
JAN , 1981 23...	--	--	--	--	--	--	3	--	--	--
MAR 20...	--	--	--	--	--	--	2	--	--	--
APR 04...	--	--	--	--	--	--	12	--	--	--
04...	--	--	--	--	--	--	93	--	--	--
04...	--	--	--	--	--	--	7	--	--	--
09...	--	--	--	--	--	--	15	--	--	--
MAY 27...	38	--	--	--	--	--	8	--	--	--
27...	45	--	--	--	--	--	2	--	--	--
28...	53	--	--	--	--	--	1	--	--	--
JUN 01...	--	--	--	--	--	--	0	--	--	--
08...	38	--	--	--	--	--	1	--	--	--
15...	30	--	--	--	--	--	1	--	--	--
22...	49	--	--	--	--	--	1	--	--	--
JUL 06...	47	--	--	--	--	--	1	--	--	--
17...	53	--	--	--	--	--	3	--	--	--
AUG 12...	41	--	--	--	--	--	2	--	--	--
SEP 14...	--	--	--	--	--	--	3	--	--	--
22...	--	--	--	--	--	--	28	--	--	--
22...	--	--	--	--	--	--	126	--	--	--
22...	--	--	--	--	--	--	9	--	--	--
29...	--	--	--	--	--	--	71	--	--	--
29...	--	--	--	--	--	--	145	--	--	--
29...	--	--	--	--	--	--	2	--	--	--

GROUND WATER QUALITY RECORDS
OCTOBER 1980 TO SEPTEMBER 1981
BACTERIOLOGICAL AND MISCELLANEOUS DATA

DATE	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (MG/L) (00340)	COLI-FORM, TOTAL IMMEDIATE (COLS. PER 100 ML) (31501)	COLI-FORM, FECAL 0.7 UM-MF (COLS./100 ML) (31625)	STREPTOCOCCI, FECAL KF AGAR (COLS. PER 100 ML) (31673)	CARBON DIOXIDE DIS-SOLVED (MG/L AS CO2) (00405)	SOLIDS, RESIDUE AT 105 DEG. C, DIS-SOLVED (MG/L) (00515)	SOLIDS, SUSP. TOTAL, RESIDUE AT 110 DEG. C (MG/L) (70299)	PHENOLS (UG/L) (32730)	METHYLENE BLUE ACTIVE SUBSTANCE (MG/L) (38260)	OIL AND GREASE, TOTAL RECOVERABLE GRAVIMETRIC (MG/L) (00556)
------	---	---	---	--	---	--	---	------------------------	--	--

LEE COUNTY

264309081405701 - 43526E23 L -3224 LEE COUNTY OLGA (LAT 26 43 09 LONG 081 40 57)

MAY , 1981										
27...	41	--	--	--	--	--	1	--	--	--
AUG										
12...	37	--	--	--	--	--	4	--	--	--

282530081094001 - 82510903 COCOA 17 (LAT 28 25 30 LONG 081 09 40)

JUN , 1981										
15...	--	--	--	--	46	--	--	--	--	--

262800081332501 - BUTLER SHALLOW WELL #6 NEAR WINDERMERE (LAT 28 28 00 LONG 081 33 25)

JUN , 1981										
12...	--	--	--	--	91	--	--	--	--	--

282811081332101 - BUTLER SHALLOW WELL #4 NEAR WINDERMERE (LAT 28 28 11 LONG 081 33 21)

JUN , 1981										
12...	--	--	--	--	10	--	--	--	--	--

262109080175101 - PB-1428 (LAT 26 21 09 LONG 080 17 51)

JUL , 1981										
01...	--	--	--	--	111	--	--	--	--	--
01...	--	--	--	--	127	--	--	--	--	--
01...	--	--	--	--	115	--	--	--	--	--
02...	--	--	--	--	95	--	--	--	--	--

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CALENDAR FOR WATER YEAR 1981

1980

OCTOBER							NOVEMBER							DECEMBER									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
				1	2	3	4							1			1	2	3	4	5	6	
5	6	7	8	9	10	11	2	3	4	5	6	7	8	7	8	9	10	11	12	13			
12	13	14	15	16	17	18	9	10	11	12	13	14	15	14	15	16	17	18	19	20			
19	20	21	22	23	24	25	16	17	18	19	20	21	22	21	22	23	24	25	26	27			
26	27	28	29	30	31	23	24	25	26	27	28	29	28	29	30	31							
							30																

1981

JANUARY							FEBRUARY							MARCH									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
					1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7		
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14			
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21			
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28			
25	26	27	28	29	30	31								29	30	31							

APRIL							MAY							JUNE								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S		
				1	2	3	4						1	2			1	2	3	4	5	6
5	6	7	8	9	10	11	3	4	5	6	7	8	9	7	8	9	10	11	12	13		
12	13	14	15	16	17	18	10	11	12	13	14	15	16	14	15	16	17	18	19	20		
19	20	21	22	23	24	25	17	18	19	20	21	22	23	21	22	23	24	25	26	27		
26	27	28	29	30	24	25	26	27	28	29	30	28	29	30								
							31															

JULY							AUGUST							SEPTEMBER									
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S			
				1	2	3	4							1			1	2	3	4	5		
5	6	7	8	9	10	11	2	3	4	5	6	7	8	6	7	8	9	10	11	12			
12	13	14	15	16	17	18	9	10	11	12	13	14	15	13	14	15	16	17	18	19			
19	20	21	22	23	24	25	16	17	18	19	20	21	22	20	21	22	23	24	25	26			
26	27	28	29	30	31	23	24	25	26	27	28	29	27	28	29	30							
							30	31															

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